

jaltest

**Multibrand diagnostics
Global solution**



INFORMATION ON SYSTEMS

DIAGNOSIS

Allows to read the ECU failure memory by providing the user information about the error codes detected in it. This function allows the user to carry out the clearance of the errors memory; logically, if the error is present, it will be detected again by the ECU and it will be displayed in the following diagnosis.

MEASURE VALUES

Displays on the screen the values of the different sensors connected to the ECU. Depends on each system.

ECU DATA

It is the technical data of the ECU, serial number, software version, manufacturer's reference, etc. Depends on each system.

COMPONENTS ACTUATION

They are the direct tests that can be done with the system components. For example, actuate an ABS modulator, activate the suspension solenoid valves in order to raise or low the vehicle chassis,... It is the active diagnosis, which, for example for the engine, allows to carry out tests calibrating its state, like the cylinders balance, cylinders cutout or compression. Depends on each system.

CALIBRATION

Some systems ask to calibrate some components for its correct operation. The best example are the electronic suspensions, in which there must be stored the reference values so the ECU can make function correctly.

PARAMETERS

Some ECU can operate with different configurations. With this option you can copy configurations and parameters to the control unit, so control units can be programmed in its first installation. For certain systems even the modification of some parameters not affecting the vehicles security is allowed.

RESET

This point refers to reset of the maintenance control units counters. If maintenance operations are done but maintenance alarm is not cancelled, the warning message referring to maintenance will keep on. Nothing to do with the memory error codes deleting, which is part of the diagnosis.

MANUAL PROCESS

Manual diagnosis process of the system through display codes, blinking codes...


WIRING DIAGRAM

Detailed diagram of the system containing added information on configuration, components, locations and notes which make the diagnosis easier.


SYSTEM TECHNICAL DATA

Technical information of the system indicating the checking values, descriptions, graphics, charts...

INDICATIONS ON EACH SYSTEM.

 The option is included in JalTest.

 Diagnosis function with available help.

 This function is not available for this system.

INFORMATION ON MODELS

VEHICLE MAINTENANCE

Section in which the maintenance intervals are displayed, indicating the operations to be performed on the vehicle, and through which the reports that make the customers management of the workshop easier can be obtained.

VEHICLE TECHNICAL DATA

Technical information of vehicles including all the motorization technical data, tightening torques, capacities, graphics and other checking values...



AS 19.300 LN

Brakes	ABS, Antilock braking system									
Engine	EDC, Distributor diesel injection pump									
Retarder	EST-42, Retarder									

AS 19.300 SN

Brakes	ABS, Antilock braking system									
Engine	EDC, Distributor diesel injection pump									
Retarder	EST-42, Retarder									

AS 19.300 ST

Brakes	ABS, Antilock braking system									
Engine	EDC, Distributor diesel injection pump									
Retarder	EST-42, Retarder									

AS 26.300 FT

Brakes	ABS, Antilock braking system									
Engine	EDC, Distributor diesel injection pump									
Retarder	EST-42, Retarder									

AS 26.300 LN

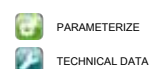
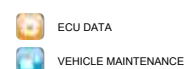
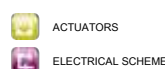
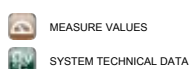
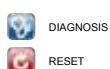
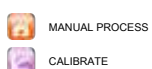
Brakes	ABS, Antilock braking system									
Engine	EDC, Distributor diesel injection pump									
Retarder	EST-42, Retarder									

AS 26.300 SN

Brakes	ABS, Antilock braking system									
Engine	EDC, Distributor diesel injection pump									
Retarder	EST-42, Retarder									

AS 32.300 LN

Brakes	ABS, Antilock braking system									
Engine	EDC, Distributor diesel injection pump									
Retarder	EST-42, Retarder									





AD

Engine	EDC MS6.2, Engine management system, pump-injectors												
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HD7

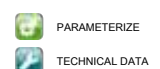
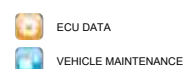
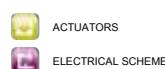
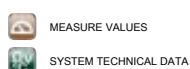
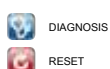
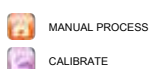
Brakes	ABS C3, Antilock braking system												
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Brakes	EBS 2, Electronic Braking System												
Brakes	EBS, Electronic Braking System												
Engine	EDC M7, Diesel in-line injection pump												
Engine	EDC MS6.2, Engine management system, pump-injectors												
Retarder	Intarder CAN, Retarder												
Retarder	Intarder KWP, Retarder												

HD8

Brakes	ABS C3, Antilock braking system												
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Brakes	EBS 2, Electronic Braking System												
Brakes	EBS, Electronic Braking System												
Engine	EDC M7, Diesel in-line injection pump												
Engine	EDC MS6.2, Engine management system, pump-injectors												
Retarder	Intarder CAN, Retarder												
Retarder	Intarder KWP, Retarder												

HD8 EURO 5

Antipollution	DENOXTRONIC , Exhaust gas treatment system												
Gearbox	Eurotronic 2, Gearbox with electronic control												
Gearbox	Eurotronic 2, Gearbox parametrization												
Central computer	BC, Body computer												
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Brakes	EBS, Electronic Braking System												
Electronic module	CM, Cab module												
Electronic module	DDM, Driver door module												
Electronic module	FFM, Front module												
Electronic module	PDM, Passenger door module												
Electronic module	RFM, Rear module												
Engine	EDC7 UC31, Engine management system, pump-injectors												
Retarder	Intarder CAN, Retarder												



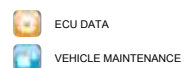
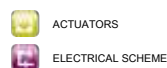
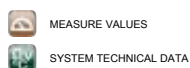
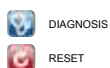
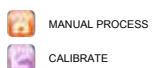


Military

Brakes	ABS C3, Antilock braking system										
Brakes	ABS D, Antilock braking system										
Brakes	ABS E, Antilock braking system										
Brakes	EBS 2, Electronic Braking System										
Brakes	EBS, Electronic Braking System										
Engine	EDC M7, Diesel in-line injection pump										
Engine	EDC MS6.2, Engine management system, pump-injectors										
Retarder	Intarder CAN, Retarder										
Retarder	Intarder KWP, Retarder										

RD

Engine	EDC MS6.2, Engine management system, pump-injectors										
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D100

Brakes	ABS, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Engine	EDC Cummins ISB SAE J1708, Engine control system								
Engine	EDC Cummins ISB SAE J1939, Engine control system								
Suspension	ECAS, Electronically controlled suspension system								

D110

Brakes	ABS, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Engine	EDC Cummins ISB SAE J1708, Engine control system								
Engine	EDC Cummins ISB SAE J1939, Engine control system								
Suspension	ECAS, Electronically controlled suspension system								

D120 Euro IV

Brakes	ABS, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Engine	EDC Cummins ISB SAE J1708, Engine control system								
Engine	EDC Cummins ISB SAE J1939, Engine control system								
Suspension	ECAS, Electronically controlled suspension system								

D60

Brakes	ABS, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Engine	EDC Cummins ISB SAE J1708, Engine control system								
Engine	EDC Cummins ISB SAE J1939, Engine control system								

D75

Brakes	ABS, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Engine	EDC Cummins ISB SAE J1708, Engine control system								
Engine	EDC Cummins ISB SAE J1939, Engine control system								

D80

Brakes	ABS, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Engine	EDC Cummins ISB SAE J1708, Engine control system								
Engine	EDC Cummins ISB SAE J1939, Engine control system								

D90 Euro IV

Brakes	ABS, Antilock braking system								
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MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



AVIA

Brakes	ABS/ASR D, Antilock braking system								
Engine	EDC Cummins ISB SAE J1708, Engine control system								
Engine	EDC Cummins ISB SAE J1939, Engine control system								



ND1255BJ

Brakes

ABS D, Antilock braking system



ND3317D3

Brakes

ABS D, Antilock braking system



ND42150FJ

Brakes

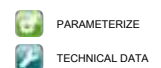
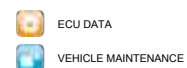
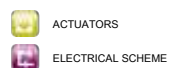
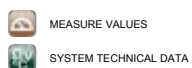
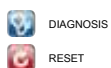
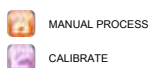
ABS D, Antilock braking system



ND5255BJ

Brakes

ABS D, Antilock braking system





518

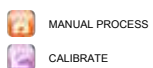
Brakes	ABS, Antilock braking system								
Engine	EDC Cummins ISB, Engine control system								

625

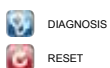
Brakes	ABS, Antilock braking system								
Engine	EDC Cummins ISB, Engine control system								

628

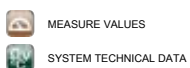
Brakes	ABS, Antilock braking system								
Engine	EDC Cummins ISB, Engine control system								



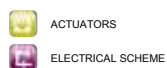
MANUAL PROCESS



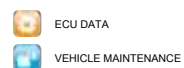
DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



65CF

Brakes	ABS C, Antilock braking system											
Brakes	ABS D, Antilock braking system											
Engine	UPEC, Injector pipe pump with electronic diesel control											
Suspension	ECAS-2 4x2, Electronically controlled suspension system											
Suspension	ECAS-2 6x2, Electronically controlled suspension system											
Suspension	ECAS-3, Electronically controlled suspension system											
Tachograph	MTCO, Tachograph											

75CF

Brakes	ABS C, Antilock braking system											
Brakes	ABS D, Antilock braking system											
Engine	UPEC, Injector pipe pump with electronic diesel control											
Retarder	EST-32, Retarder											
Suspension	ECAS-2 4x2, Electronically controlled suspension system											
Suspension	ECAS-2 6x2, Electronically controlled suspension system											
Suspension	ECAS-3, Electronically controlled suspension system											
Tachograph	MTCO, Tachograph											

85CF

Brakes	ABS C, Antilock braking system											
Brakes	ABS D, Antilock braking system											
Engine	UPEC, Injector pipe pump with electronic diesel control											
Retarder	EST-32, Retarder											
Suspension	ECAS-2 4x2, Electronically controlled suspension system											
Suspension	ECAS-2 6x2, Electronically controlled suspension system											
Suspension	ECAS-3, Electronically controlled suspension system											
Tachograph	MTCO, Tachograph											

95XF

Brakes	ABS C, Antilock braking system											
Brakes	ABS D, Antilock braking system											
Engine	UPEC, Injector pipe pump with electronic diesel control											
Retarder	EST-32, Retarder											
Suspension	ECAS-2 4x2, Electronically controlled suspension system											
Suspension	ECAS-2 6x2, Electronically controlled suspension system											
Suspension	ECAS-3, Electronically controlled suspension system											
Tachograph	MTCO, Tachograph											

CF65

Gearbox	AS Tronic, Gearbox with electronic control											
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MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



DAF

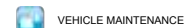
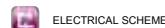
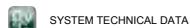
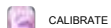
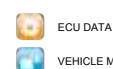
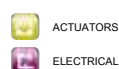
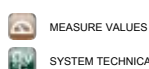
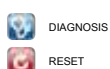
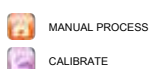


Gearbox	AS Tronic, Gearbox parametrization								
Central computer	VIC, Vehicle central computer								
Brakes	ABS D, Antilock braking system								
Brakes	ABS E, Antilock braking system								
Brakes	EBS 2, Electronic Braking System								
Brakes	EBS, Electronic Braking System								
Instrument cluster	DIP-4, DAF Instrument cluster								
Maintenance	Service, Maintenance system								
Engine	ECS-DC3, Engine management system - DAF Cummins								
Retarder	EST-32, Retarder								
Retarder	EST-42, Retarder								
Suspension	ECAS 2 4x2, Electronically controlled suspension system								
Suspension	ECAS-2 6x2, Electronically controlled suspension system								
Suspension	ECAS-3, Electronically controlled suspension system								
Tachograph	MTCO, Tachograph								

CF65 IV

Antipollution	EAS/EAS-2, Exhaust gas treatment system								
Gearbox	AS Tronic, Gearbox with electronic control								
Gearbox	AS Tronic, Gearbox parametrization								
Gearbox	AsTronic Lite, Automatic gearbox								
HVAC (Heating, Ventilating and Air Conditioning)	ACH-EA, Auxiliary heater								
Central computer	VIC-2, Vehicle central computer								
Central computer	VIC-3, Vehicle central computer								
Steering	SWS-2, Steering wheel								
Steering	SWS-3, Steering wheel								
Brakes	ABS E, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	EBS 2, Electronic Braking System								
Instrument cluster	DIP-4, DAF Instrument cluster								
Maintenance	Service-2, Maintenance system								
Maintenance	Service-3, Maintenance system								
Chassis module	BBM, Bodywork Module								
Engine	ECS-DC4, Engine management system - DAF Cummins								
Engine	ECS-DC5, Engine management system - DAF Cummins								
Retarder	EST-42, Retarder								
Suspension	ECAS 4, Electronically controlled suspension system								
Tachograph	DTCO, Digital Tachograph								

CF75





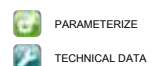
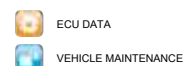
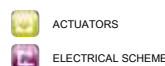
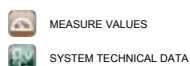
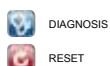
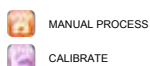
DAF



Gearbox	AS Tronic, Gearbox with electronic control	
Gearbox	AS Tronic, Gearbox parametrization	
Central computer	VIC, Vehicle central computer	
Steering	EMAS, Electro-hydraulic multi-axle steering	
Brakes	ABS D, Antilock braking system	
Brakes	EBS 2, Electronic Braking System	
Brakes	EBS, Electronic Braking System	
Instrument cluster	DIP-4, DAF Instrument cluster	
Maintenance	Service, Maintenance system	
Engine	UPEC, Injector pipe pump with electronic diesel control	
Retarder	EST-32, Retarder	
Retarder	EST-42, Retarder	
Suspension	ECAS 2 4x2, Electronically controlled suspension system	
Suspension	ECAS-2 6x2, Electronically controlled suspension system	
Suspension	ECAS-3, Electronically controlled suspension system	
Tachograph	MTCO, Tachograph	

CF75 IV

Antipollution	EAS/EAS-2, Exhaust gas treatment system	
Gearbox	AS Tronic, Gearbox with electronic control	
Gearbox	AS Tronic, Gearbox parametrization	
HVAC (Heating, Ventilating and Air Conditioning)	ACH-EA, Auxiliary heater	
Central computer	VIC-2, Vehicle central computer	
Central computer	VIC-3, Vehicle central computer	
Steering	EMAS, Electro-hydraulic multi-axle steering	
Steering	SWS-2, Steering wheel	
Steering	SWS-3, Steering wheel	
Brakes	ABS E, Antilock braking system	
Brakes	ABS/ASR D, Antilock braking system	
Brakes	EBS 2, Electronic Braking System	
Instrument cluster	DIP-4, DAF Instrument cluster	
Maintenance	Service-2, Maintenance system	
Maintenance	Service-3, Maintenance system	
Chassis module	BBM, Bodywork Module	
Engine	DMCI, Multi-Controlled Injection	
Retarder	EST-42, Retarder	
Retarder	EST-52, Retarder	
Suspension	ECAS 4, Electronically controlled suspension system	
Tachograph	DTCO, Digital Tachograph	



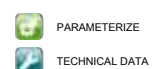
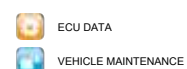
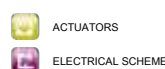
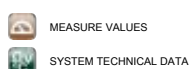
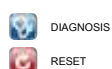
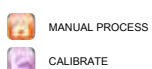


CF85

Gearbox	AS Tronic, Gearbox with electronic control												
Gearbox	AS Tronic, Gearbox parametrization												
Central computer	VIC, Vehicle central computer												
Steering	EMAS, Electro-hydraulic multi-axle steering												
Brakes	ABS D, Antilock braking system												
Brakes	EBS 2, Electronic Braking System												
Brakes	EBS, Electronic Braking System												
Instrument cluster	DIP-4, DAF Instrument cluster												
Maintenance	Service, Maintenance system												
Engine	UPEC, Injector pipe pump with electronic diesel control												
Retarder	EST-32, Retarder												
Retarder	EST-42, Retarder												
Suspension	ECAS 2 4x2, Electronically controlled suspension system												
Suspension	ECAS-2 6x2, Electronically controlled suspension system												
Suspension	ECAS-3, Electronically controlled suspension system												
Tachograph	DTCO, Digital Tachograph												
Tachograph	MTCO, Tachograph												

CF85 IV

Antipollution	EAS/EAS-2, Exhaust gas treatment system												
Gearbox	AS Tronic, Gearbox with electronic control												
Gearbox	AS Tronic, Gearbox parametrization												
HVAC (Heating, Ventilating and Air Conditioning)	ACH-EA, Auxiliary heater												
Central computer	VIC-2, Vehicle central computer												
Central computer	VIC-3, Vehicle central computer												
Steering	EMAS, Electro-hydraulic multi-axle steering												
Steering	SWS-2, Steering wheel												
Steering	SWS-3, Steering wheel												
Brakes	ABS E, Antilock braking system												
Brakes	ABS/ASR D, Antilock braking system												
Brakes	EBS 2, Electronic Braking System												
Instrument cluster	DIP-4, DAF Instrument cluster												
Maintenance	Service-2, Maintenance system												
Maintenance	Service-3, Maintenance system												
Chassis module	BBM, Bodywork Module												
Engine	DMCI, Multi-Controlled Injection												
Retarder	EST-42, Retarder												
Retarder	EST-52, Retarder												
Suspension	ECAS 4, Electronically controlled suspension system												





DAF



Tachograph

DTCO, Digital Tachograph



F45

Brakes	ABS C , Antilock braking system												
Suspension	ECAS-1, Electronically controlled suspension system												
Suspension	ECAS-2 4x2, Electronically controlled suspension system												

F55

Brakes	ABS C , Antilock braking system												
Suspension	ECAS-1, Electronically controlled suspension system												
Suspension	ECAS-2 4x2, Electronically controlled suspension system												

F65

Brakes	ABS C , Antilock braking system												
Suspension	ECAS-1, Electronically controlled suspension system												
Suspension	ECAS-2 4x2, Electronically controlled suspension system												

F75

Brakes	ABS C , Antilock braking system												
Suspension	ECAS-1, Electronically controlled suspension system												
Suspension	ECAS-2 4x2, Electronically controlled suspension system												
Suspension	ECAS-2 6x2, Electronically controlled suspension system												

F85

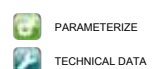
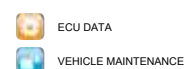
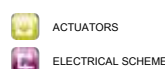
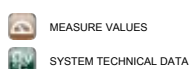
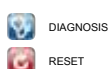
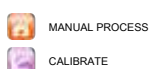
Brakes	ABS C , Antilock braking system												
Suspension	ECAS-1, Electronically controlled suspension system												
Suspension	ECAS-2 4x2, Electronically controlled suspension system												
Suspension	ECAS-2 6x2, Electronically controlled suspension system												

F95

Brakes	ABS C , Antilock braking system												
Suspension	ECAS-1, Electronically controlled suspension system												
Suspension	ECAS-2 4x2, Electronically controlled suspension system												
Suspension	ECAS-2 6x2, Electronically controlled suspension system												

LF45

Central computer	VIC, Vehicle central computer												
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Instrument cluster	DIP-4, DAF Instrument cluster												
Maintenance	Service, Maintenance system												
Engine	ECS-DC3, Engine management system - DAF Cummins												





Suspension	ECAS-2 4x2, Electronically controlled suspension system	
Suspension	ECAS-3, Electronically controlled suspension system	
Tachograph	MTCO, Tachograph	

LF45 IV

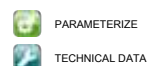
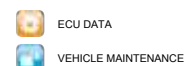
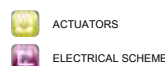
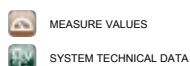
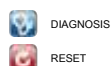
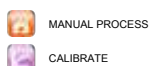
Gearbox	AsTronic Lite, Automatic gearbox	
Central computer	VIC-2 Lite, Vehicle central computer	
Central computer	VIC-3 Lite, Vehicle central computer	
Steering	SWS-2, Steering wheel	
Steering	SWS-3, Steering wheel	
Brakes	ABS E, Antilock braking system	
Instrument cluster	DIP-4, DAF Instrument cluster	
Maintenance	Service-3, Maintenance system	
Chassis module	BBM, Bodywork Module	
Engine	ECS-DC4, Engine management system - DAF Cummins	
Engine	ECS-DC5, Engine management system - DAF Cummins	
Suspension	ECAS-3, Electronically controlled suspension system	
Tachograph	DTCO, Digital Tachograph	

LF55

Central computer	VIC, Vehicle central computer	
Brakes	ABS D, Antilock braking system	
Brakes	ABS E, Antilock braking system	
Instrument cluster	DIP-4, DAF Instrument cluster	
Maintenance	Service, Maintenance system	
Engine	ECS-DC3, Engine management system - DAF Cummins	
Suspension	ECAS-2 4x2, Electronically controlled suspension system	
Suspension	ECAS-3, Electronically controlled suspension system	
Tachograph	MTCO, Tachograph	

LF55 IV

Gearbox	AsTronic Lite, Automatic gearbox	
Central computer	VIC-2 Lite, Vehicle central computer	
Central computer	VIC-3 Lite, Vehicle central computer	
Steering	SWS-2, Steering wheel	
Steering	SWS-3, Steering wheel	
Brakes	ABS E, Antilock braking system	
Instrument cluster	DIP-4, DAF Instrument cluster	
Maintenance	Service-3, Maintenance system	
Chassis module	BBM, Bodywork Module	
Engine	ECS-DC4, Engine management system - DAF Cummins	





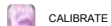
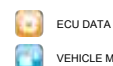
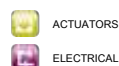
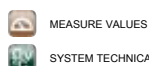
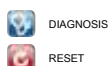
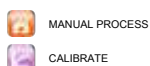
Engine	ECS-DC5, Engine management system - DAF Cummins								
Suspension	ECAS-3, Electronically controlled suspension system								
Tachograph	DTCO, Digital Tachograph								

XF105

Antipollution	EAS/EAS-2, Exhaust gas treatment system								
Gearbox	AS Tronic, Gearbox with electronic control								
Gearbox	AS Tronic, Gearbox parametrization								
HVAC (Heating, Ventilating and Air Conditioning)	ACH-EA, Auxiliary heater								
Central computer	VIC-2, Vehicle central computer								
Central computer	VIC-3, Vehicle central computer								
Steering	EMAS, Electro-hydraulic multi-axle steering								
Steering	SWS-2, Steering wheel								
Steering	SWS-3, Steering wheel								
Brakes	ABS D, Antilock braking system								
Brakes	EBS 2, Electronic Braking System								
Instrument cluster	DIP-4, DAF Instrument cluster								
Maintenance	Service-2, Maintenance system								
Maintenance	Service-3, Maintenance system								
Chassis module	BBM, Bodywork Module								
Electronic module	CDS-3, Central locking system								
Engine	DMCI, Multi-Controlled Injection								
Retarder	EST-42, Retarder								
Retarder	EST-52, Retarder								
Suspension	ECAS 4, Electronically controlled suspension system								
Tachograph	DTCO, Digital Tachograph								

XF95

Gearbox	AS Tronic, Gearbox with electronic control								
Gearbox	AS Tronic, Gearbox parametrization								
Central computer	VIC, Vehicle central computer								
Steering	EMAS, Electro-hydraulic multi-axle steering								
Brakes	ABS D, Antilock braking system								
Brakes	EBS 2, Electronic Braking System								
Brakes	EBS, Electronic Braking System								
Instrument cluster	DIP-4, DAF Instrument cluster								
Maintenance	Service, Maintenance system								
Engine	UPEC, Injector pipe pump with electronic diesel control								
Retarder	EST-32, Retarder								
Retarder	EST-42, Retarder								





DAF

Suspension	ECAS-2 4x2, Electronically controlled suspension system								
Suspension	ECAS-2 6x2, Electronically controlled suspension system								
Suspension	ECAS-3, Electronically controlled suspension system								
Tachograph	MTCO, Tachograph								



Beta 2

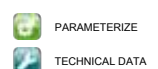
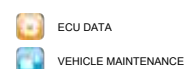
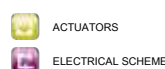
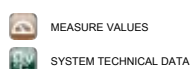
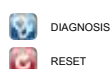
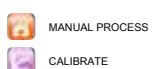
Gearbox	GECU, Gearbox lever												
Central computer	VECU, Vehicle Electronic Control Unit												
Brakes	ABS, Antilock braking system												
Instrument cluster	DM, Instrument cluster - display												
Engine	Cummins ISBe, Engine control system												
Engine	EDC SAE Euro 3, Engine management system												
Engine	EDC SAE Euro 4/5, Engine management system												
Multiplex	CIM, Chassis Interface Module												
Retarder	Retarder, Retarder												

Elite 2

Gearbox	GECU, Gearbox lever												
Central computer	VECU, Vehicle Electronic Control Unit												
Brakes	ABS, Antilock braking system												
Instrument cluster	DM, Instrument cluster - display												
Engine	Cummins ISBe, Engine control system												
Engine	EDC SAE Euro 3, Engine management system												
Engine	EDC SAE Euro 4/5, Engine management system												
Multiplex	CIM, Chassis Interface Module												
Retarder	Retarder, Retarder												

Phoenix 2

Gearbox	GECU, Gearbox lever												
Central computer	VECU, Vehicle Electronic Control Unit												
Brakes	ABS, Antilock braking system												
Instrument cluster	DM, Instrument cluster - display												
Engine	Cummins ISBe, Engine control system												
Engine	EDC SAE Euro 3, Engine management system												
Engine	EDC SAE Euro 4/5, Engine management system												
Multiplex	CIM, Chassis Interface Module												
Retarder	Retarder, Retarder												





3500

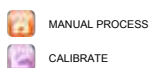
Gearbox	TCM, Transmission			
Engine	ECM, Engine control system			

4500 [2008-...]

Gearbox	TCM, Transmission			
Engine	ECM, Engine control system			

5500 [2008-...]

Gearbox	TCM, Transmission			
Engine	ECM, Engine control system			



MANUAL PROCESS



CALIBRATE



DIAGNOSIS



RESET



MEASURE VALUES



SYSTEM TECHNICAL DATA



ACTUATORS



ELECTRICAL SCHEME



ECU DATA



VEHICLE MAINTENANCE



PARAMETERIZE



TECHNICAL DATA



DFA

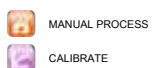
Brakes	ABS D, Antilock braking system								
Engine	Cummins ISDe, Engine control system								

DFL

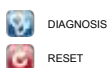
Brakes	ABS D, Antilock braking system								
Engine	Cummins ISDe, Engine control system								

DFZ

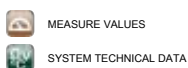
Brakes	ABS D, Antilock braking system								
Engine	Cummins ISDe, Engine control system								



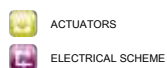
MANUAL PROCESS



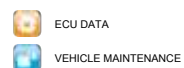
DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



EC14

Engine	EDC N14 Celect Plus, Engine control system	
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ECS

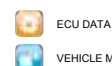
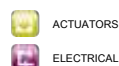
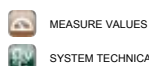
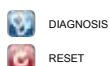
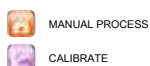
Brakes	ABS, Antilock braking system	
Engine	EDC Cummins ISB, Engine control system	
Suspension	ECAS 4x2, Electronically controlled suspension system	
Suspension	ECAS 6x2, Electronically controlled suspension system	

ECT

Gearbox	AS Tronic, Gearbox with electronic control	
Gearbox	AS Tronic, Gearbox parametrization	
HVAC (Heating, Ventilating and Air Conditioning)	ATC, Automatic temperature control	
HVAC (Heating, Ventilating and Air Conditioning)	GKR, Climate control	
Central computer	FFR, Vehicle management computer	
Central computer	OBDU, On-board diagnosis unit	
Central computer	ZBR II, Body computer	
Brakes	EBS 5, Electronic Braking System	
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System	
Compressed air processing	ECAM, Electronically controlled compressed air management	
Maintenance	Service, Maintenance	
Engine	EDC 7, Electronic diesel control, injection rail	
Engine	EDC MS6.1, Diesel in-line injection pump	
Retarder	EST-42, Retarder	
Retarder	EST-48, Retarder	
Safety	AIRBAG, Airbag	
Suspension	ECAS CAN2, Electronically controlled suspension system	
Suspension	ECAS NFG, Electronically controlled suspension system	

ECX

Brakes	ABS, Antilock braking system	
Engine	EDC Cummins ISM, Engine control system	
Suspension	ECAS 4x2, Electronically controlled suspension system	
Suspension	ECAS 6x2, Electronically controlled suspension system	



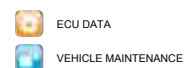
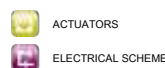
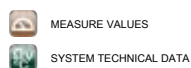
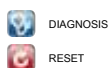
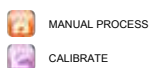


J6P350

Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Suspension	ECAS 4x2 A, Electronically controlled suspension system												
Suspension	ECAS 4x2 KWP, Electronically controlled suspension system												
Suspension	ECAS 4x2/6x2, Electronically controlled suspension system												
Suspension	ECAS 6x2 A, Electronically controlled suspension system												

J6P500

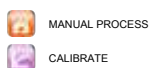
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Suspension	ECAS 4x2 A, Electronically controlled suspension system												
Suspension	ECAS 4x2 KWP, Electronically controlled suspension system												
Suspension	ECAS 4x2/6x2, Electronically controlled suspension system												
Suspension	ECAS 6x2 A, Electronically controlled suspension system												



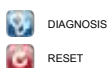


Alpha

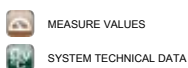
Gearbox	AS Tronic, Gearbox with electronic control								
Gearbox	AS Tronic, Gearbox parametrization								
Brakes	ABS D, Antilock braking system								
Brakes	EBS 2, Electronic Braking System								
Brakes	EBS, Electronic Braking System								
Engine	EDC Cummins ISM, Engine control system								
Retarder	EST-42, Retarder								
Suspension	ECAS 2 4x2, Electronically controlled suspension system								
Suspension	ECAS-2 6x2, Electronically controlled suspension system								
Suspension	ECAS-3, Electronically controlled suspension system								



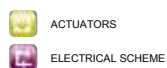
MANUAL PROCESS



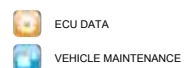
DIAGNOSIS



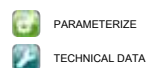
MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



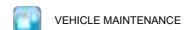
RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



CARGO

Brakes	ABS, Antilock braking system																	
Engine	EDC7 Ecotorq (Euro3), Electronic diesel control, injection rail																	
Suspension	ECAS, Electronically controlled suspension system																	



E550SD [2002-2003]

Gearbox	TCM, Transmission				
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	ECM, Engine control system				
Engine	EDC Standard J1708, Engine control system				

F450SD [2001-...]

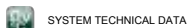
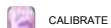
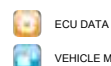
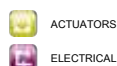
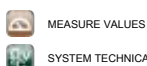
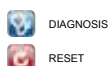
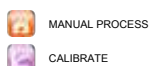
Gearbox	TCM, Transmission				
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	ECM, Engine control system				
Engine	EDC Standard J1708, Engine control system				

F550SD [2001-...]

Gearbox	TCM, Transmission				
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	ECM, Engine control system				
Engine	EDC Standard J1708, Engine control system				

F650SD [2001-...]

Gearbox	TCM, Transmission				
Gearbox	TCM, Transmission				





HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	ECM, Engine control system				
Engine	EDC Standard J1708, Engine control system				

F750SD [2001-...]

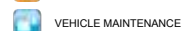
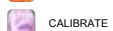
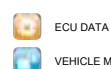
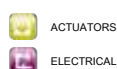
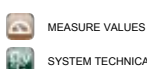
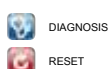
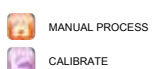
Gearbox	TCM, Transmission				
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	ECM, Engine control system				
Engine	EDC Standard J1708, Engine control system				

F800 [2001-2001]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

LCF [2006-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				





Argosy [1999-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Business Class M2 100/106 [2003-...]

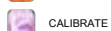
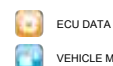
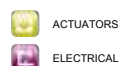
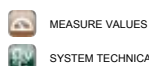
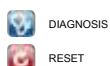
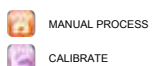
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Business Class M2 106V/112V [2004-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Business Class M2 112 [2004-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				





Cargo FC 80 [2000-2007]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Cascadia [2008-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Century C 112 [1997-2001]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Century C 120 [1997-2001]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Century Class S/T 112 [2002-2004]

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Century Class S/T 120 [2001-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Classic - 120 [1992-...]

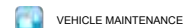
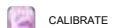
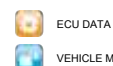
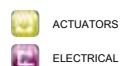
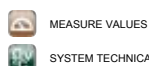
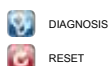
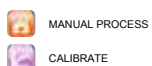
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Classic XL - 132 [1992-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Columbia 112 / 120 [2001-...]

Gearbox	TCM, Transmission				
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HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control						
Central computer	CC, Body computer						
Brakes	ABS, Braking system						
Instrument cluster	INS, Info Instrumentation						
Chassis module	BCU / BBM, Bodywork Module						
Engine	EDC Standard J1708, Engine control system						

Condor [2000-...]

Gearbox	TCM, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control						
Central computer	CC, Body computer						
Brakes	ABS, Braking system						
Instrument cluster	INS, Info Instrumentation						
Chassis module	BCU / BBM, Bodywork Module						
Engine	EDC Standard J1708, Engine control system						

Coronado [2001-...]

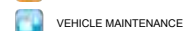
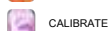
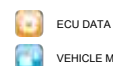
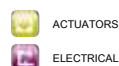
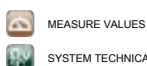
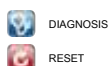
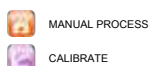
Gearbox	TCM, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control						
Central computer	CC, Body computer						
Brakes	ABS, Braking system						
Instrument cluster	INS, Info Instrumentation						
Chassis module	BCU / BBM, Bodywork Module						
Engine	EDC Standard J1708, Engine control system						

FL 106 [1995-2004]

Gearbox	TCM, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control						
Central computer	CC, Body computer						
Brakes	ABS, Braking system						
Instrument cluster	INS, Info Instrumentation						
Chassis module	BCU / BBM, Bodywork Module						
Engine	EDC Standard J1708, Engine control system						

FL 112 [1997-2004]

Gearbox	TCM, Transmission						
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HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

FL 60 [1992-2004]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

FL 70 [1992-2004]

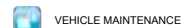
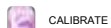
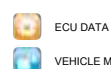
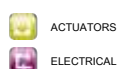
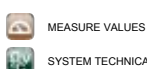
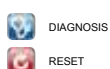
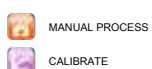
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

FL 80 [1992-2004]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

FLD 112 [...-2004]

Gearbox	TCM, Transmission				
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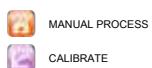




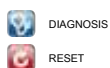
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					

FLD 120

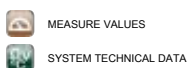
Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					



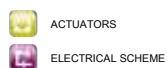
MANUAL PROCESS



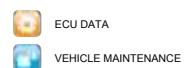
DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



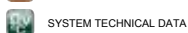
PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE

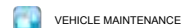
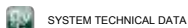
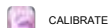
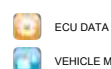
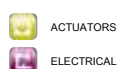
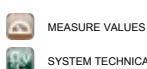
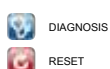
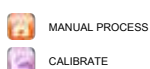


TECHNICAL DATA



Generic

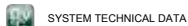
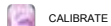
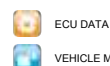
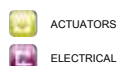
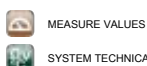
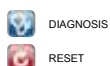
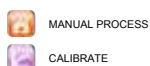
Heater	SAE J1939, Auxiliary heater										
Gearbox	EPS, Gear shift control										
Gearbox	GS, Gear shift control										
Gearbox	Opticruise, Gearbox with electronic control										
Gearbox	Transmission SAE J1939, Transmission										
Gearbox	Voith DIWA 3, Automatic gearbox										
Gearbox	ZF AS Tronic, Gearbox with electronic control										
Gearbox	ZF AS Tronic, Gearbox parametrization										
Gearbox	ZF ECOMAT 1, Automatic gearbox										
Gearbox	ZF ECOMAT 2, Automatic gearbox										
Gearbox	ZF Eurotronic 2, Gearbox with electronic control										
Brakes	EBS SAE, Brake management system										
Brakes	HABS D Wabco, Anti-lock hydraulic braking system										
Brakes	Haldex, ABS DGX, Antilock braking system										
Brakes	Haldex, DGX-I, Antilock braking system										
Brakes	Knorr-Bremse, ABS 24/EU12, Antilock braking system										
Brakes	Knorr-Bremse, ABS 2X, Antilock braking system										
Brakes	Knorr-Bremse, ABS 6, Antilock braking system										
Brakes	Knorr-Bremse, ABS Ci12, Antilock braking system										
Brakes	Knorr-Bremse, ABS I8, Antilock braking system										
Brakes	Knorr-Bremse, ABS KB3 AL, Antilock braking system										
Brakes	Knorr-Bremse, ABS SKN, Antilock braking system										
Brakes	Knorr-Bremse, ABS, Antilock braking system										
Brakes	Knorr-Bremse, EBS 2.0, Electronic Braking System										
Brakes	Knorr-Bremse, EBS 2.1, Electronic Braking System										
Brakes	Knorr-Bremse, EBS 2.2, Electronic Braking System										
Brakes	Knorr-Bremse, EBS 5, Electronic Braking System										
Brakes	Knorr-Bremse, EBS, Electronic Braking System										
Brakes	Wabco, ABS D 12V, Antilock braking system										
Brakes	Wabco, ABS/ASR C, Antilock braking system										
Brakes	Wabco, ABS/ASR D, Antilock braking system										
Brakes	Wabco, ABS/ASR E, Antilock braking system										
Brakes	Wabco, CBU, Brake central unit										
Brakes	Wabco, EBS Euro Gen 2, Electronic Braking System										
Brakes	Wabco, EBS Euro, Electronic Braking System										
Brakes	Wabco, EPB, Braking system										
Engine	CR, EDC7 UC31, Electronic diesel control, injection rail										
Engine	Cummins SAE, Engine control system										
Engine	DCI EURO 2, Diesel injection control, injection rail										





GENERIC

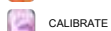
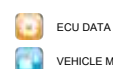
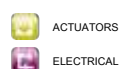
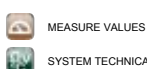
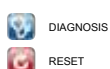
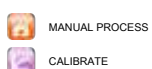
Engine	DCI EURO 3, Diesel injection control, injection rail												
Engine	Detroit Diesel DDEC III, Detroit Diesel Electronic Control												
Engine	Detroit Diesel DDEC IV, Detroit Diesel Electronic Control												
Engine	Detroit Diesel DDEC V, Detroit Diesel Electronic Control												
Engine	DMCI, Multi-Controlled Injection												
Engine	ECS-DC3, Engine management system - DAF Cummins												
Engine	ECS-DC4, Engine management system - DAF Cummins												
Engine	EDC Navistar, Engine control system												
Engine	EDC 16 C39 K Line, Electronic Diesel Control												
Engine	EDC 16 C8, Electronic Diesel Control												
Engine	EDC 7 A, Electronic diesel control, injection rail												
Engine	EDC 7 B, Electronic diesel control, injection rail												
Engine	EDC D12A, Engine management system												
Engine	EDC Detroit Diesel MBE 4000, Engine control system												
Engine	EDC Detroit Diesel MBE 900, Engine control system												
Engine	EDC MS5 A, Diesel in-line injection pump												
Engine	EDC MS5 B, Diesel in-line injection pump												
Engine	EDC MS6.1, Diesel in-line injection pump												
Engine	EDC MS6.2 Cursor, Engine management system, pump-injectors												
Engine	EDC MS6.2, Engine management system, pump-injectors												
Engine	EDC MS6.3, Electronic diesel control, injection rail												
Engine	EDC MS6.4, Distributor diesel injection pump												
Engine	EDC VP 30/44 Variant2, Distributor diesel injection pump												
Engine	EDC7 UC31 Cursor, Engine management system, pump-injectors												
Engine	EMR, Pump-Pipe-Injector with electronic diesel control												
Engine	EMS HPI, High pressure injection system												
Engine	EMS PDE, Engine management system, pump-injectors												
Engine	EMS XPI, High pressure injection system, injection rail												
Engine	E-TECH EURO 2, Pump-Pipe-Injector with electronic diesel control												
Engine	E-TECH EURO 3, Pump-Pipe-Injector with electronic diesel control												
Engine	ITC, Injection timing electronic control												
Engine	MR / PLD (4L & 6L cylinder), Pump-Pipe-Injector with electronic diesel control												
Engine	MR / PLD (6V / 8V cylinder), Pump-Pipe-Injector with electronic diesel control												
Engine	Navistar 3-BOX, Engine control system												
Engine	Navistar DLC V8, Engine control system												
Engine	Navistar DLCII I6, Engine control system												
Engine	Navistar DLCII V6, Engine control system												
Engine	Navistar DLCII V8, Engine control system												





GENERIC

Engine	SAE J1939, Engine control system								
Engine	UPEC, Injector pipe pump with electronic diesel control								
Engine	VMAC, Diesel in-line injection pump								
Suspension	Bosch, ELF, Electronically controlled air suspension								
Suspension	Knorr-Bremse, ECS E98, Electronically controlled suspension system								
Suspension	Knorr-Bremse, ECS SAE, Electronically controlled suspension system								
Suspension	Knorr-Bremse, ECS V2, Electronically controlled suspension system								
Suspension	Wabco, ECAS 4x2 JED, Electronically controlled suspension system								
Suspension	Wabco, ECAS 4x2 KWP, Electronically controlled suspension system								
Suspension	Wabco, ECAS 4x2 N, Electronically controlled suspension system								
Suspension	Wabco, ECAS 4X2 S2000, Electronically controlled suspension system								
Suspension	Wabco, ECAS 4x2/6x2, Electronically controlled suspension system								
Suspension	Wabco, ECAS 6x2 A, Electronically controlled suspension system								
Suspension	Wabco, ECAS 6x2 DV, Electronically controlled suspension system								
Suspension	Wabco, ECAS CAN2 K, Electronically controlled suspension system								
Suspension	Wabco, ECAS ENR, Level regulation								
Suspension	Wabco, ECAS KWP K, Electronically controlled suspension system								
Suspension	Wabco, ECAS NFG, Electronically controlled suspension system								
Suspension	Wabco, ECAS w/o, Electronically controlled suspension system								
Suspension	Wabco, ECAS/ESAC, Electronically controlled suspension system								
Suspension	Wabco, ECAS4, Electronically controlled suspension system								
Suspension	Wabco, ENR, Level regulation								
Suspension	Wabco, SMS, Suspension management system								





C4500 [2003-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

C5500 [1997-...]

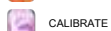
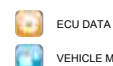
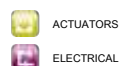
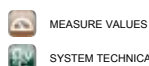
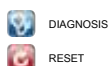
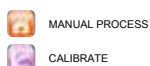
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

C6500

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

C7500

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				





C8500 [1997-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

C8500 Tandem [1997-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

F6 [1997-2003]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

F7 [1997-2003]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

T6500 [2004-...]

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

T7500 [2004-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

T8500 [2004-...]

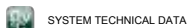
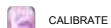
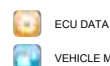
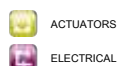
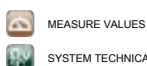
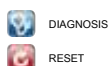
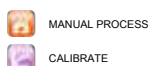
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

W3500 [1998-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

W4500

Gearbox	TCM, Transmission				
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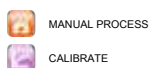




HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					

W5500

Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



145, engine: J05D

Gearbox	Transmission SAE J1708, Transmission												
Gearbox	Transmission SAE J1939, Transmission												
Brakes	HABS Meritor Wabco, Anti-lock hydraulic braking system												
Engine	EDC/ECM SAE J1708, Engine control system												
Engine	EDC/ECM SAE J1939, Engine control system												
Engine	J05D-TA, Electronic diesel control, injection rail												
Engine	J05D-TF, Electronic diesel control, injection rail												

165, engine: J05D

Gearbox	Allison 1000 HS/RDS SAE J1708 (4th gen), Transmission												
Gearbox	Allison 1000 HS/RDS SAE J1939 (4th gen), Gearbox management system												
Gearbox	Transmission SAE J1708, Transmission												
Brakes	HABS Meritor Wabco, Anti-lock hydraulic braking system												
Engine	EDC/ECM SAE J1708, Engine control system												
Engine	EDC/ECM SAE J1939, Engine control system												
Engine	J05D-TA, Electronic diesel control, injection rail												
Engine	J05D-TF, Electronic diesel control, injection rail												

185, engine: J05D

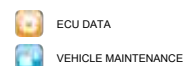
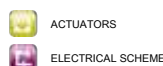
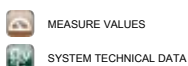
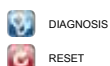
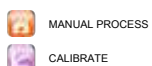
Gearbox	Allison 1000 HS/RDS SAE J1708 (4th gen), Transmission												
Gearbox	Allison 1000 HS/RDS SAE J1939 (4th gen), Gearbox management system												
Gearbox	Transmission SAE J1708, Transmission												
Brakes	HABS Meritor Wabco, Anti-lock hydraulic braking system												
Engine	EDC/ECM SAE J1708, Engine control system												
Engine	EDC/ECM SAE J1939, Engine control system												
Engine	J05D-TA, Electronic diesel control, injection rail												
Engine	J05D-TF, Electronic diesel control, injection rail												

238, engine: J08E

Gearbox	Allison 2200 HS/RDS SAE J1708 (4th gen), Transmission												
Gearbox	Allison 2200 HS/RDS SAE J1939 (4th gen), Gearbox management system												
Brakes	HABS Meritor Wabco, Anti-lock hydraulic braking system												
Engine	EDC/ECM SAE J1708, Engine control system												
Engine	EDC/ECM SAE J1939, Engine control system												

258 ALP, engine: J08E

Gearbox	Allison 2200 HS/RDS SAE J1708 (4th gen), Transmission												
Gearbox	Allison 2200 HS/RDS SAE J1939 (4th gen), Gearbox management system												





Gearbox	Eaton Ultrashift, Transmission						
Brakes	ABS Meritor Wabco, Antilock braking system						
Engine	EDC/ECM SAE J1708, Engine control system						
Engine	EDC/ECM SAE J1939, Engine control system						
Engine	J08E-VC, Electronic diesel control, injection rail						

258 LP, engine: J08E

Gearbox	Allison 2200 RDS SAE J1708 (4th gen), Transmission						
Gearbox	Allison 2200 RDS SAE J1939 (4th gen), Gearbox management system						
Brakes	HABS Meritor Wabco, Anti-lock hydraulic braking system						
Engine	EDC/ECM SAE J1708, Engine control system						
Engine	EDC/ECM SAE J1939, Engine control system						
Engine	J08E-VC, Electronic diesel control, injection rail						

268 A [2008-...], engine: J08E-TV

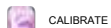
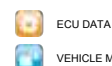
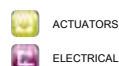
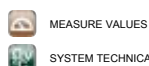
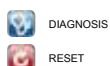
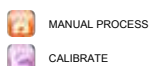
Gearbox	Allison 2200/2500 HS/RDS SAE J1708 (4th gen), Transmission						
Gearbox	Allison 2200/2500 HS/RDS SAE J1939 (4th gen), Gearbox management system						
Gearbox	Eaton Ultrashift, Transmission						
Brakes	ABS Meritor Wabco, Antilock braking system						
Engine	EDC/ECM SAE J1708, Engine control system						
Engine	EDC/ECM SAE J1939, Engine control system						

268, engine: J08E

Gearbox	Allison 2200/2500 HS/RDS SAE J1708 (4th gen), Transmission						
Gearbox	Allison 2200/2500 HS/RDS SAE J1939 (4th gen), Gearbox management system						
Gearbox	Transmission SAE J1708, Transmission						
Brakes	HABS Meritor Wabco, Anti-lock hydraulic braking system						
Engine	EDC/ECM SAE J1708, Engine control system						
Engine	EDC/ECM SAE J1939, Engine control system						
Engine	J08E-VC, Electronic diesel control, injection rail						

338 [2008-...], engine: J08E

Gearbox	Allison 2500 RDS SAE J1708 (4th gen), Transmission						
Gearbox	Allison 2500 RDS SAE J1939 (4th gen), Gearbox management system						
Gearbox	Allison 3000 RDS SAE J1708 (4th gen), Transmission						
Gearbox	Allison 3000 RDS SAE J1939 (4th gen), Gearbox management system						
Gearbox	Eaton Ultrashift, Transmission						
Brakes	ABS Meritor Wabco, Antilock braking system						





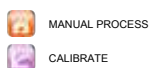
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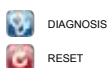
Engine	EDC/ECM SAE J1708, Engine control system						
Engine	EDC/ECM SAE J1939, Engine control system						
Engine	J08E-VB, Electronic diesel control, injection rail						

338 CT [2008-...], engine: J08E

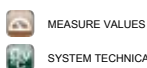
Gearbox	Allison 3000 RDS SAE J1708 (4th gen), Transmission							
Gearbox	Allison 3000 RDS SAE J1939 (4th gen), Gearbox management system							
Gearbox	Eaton Ultrashift, Transmission							
Brakes	ABS Meritor Wabco, Antilock braking system							
Engine	EDC/ECM SAE J1708, Engine control system							
Engine	EDC/ECM SAE J1939, Engine control system							
Engine	J08E-VB, Electronic diesel control, injection rail							



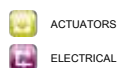
MANUAL PROCESS



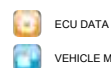
DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



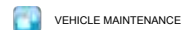
RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE

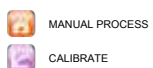


TECHNICAL DATA

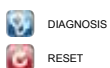


ALL MODELS

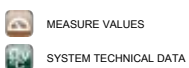
Gearbox	ZF AsTronic, Gearbox with electronic control						
Gearbox	ZF AsTronic, Gearbox parametrization						



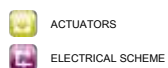
MANUAL PROCESS



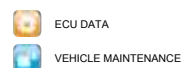
DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



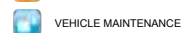
RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



1652

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

2554 [...-2003]

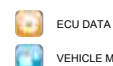
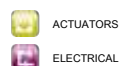
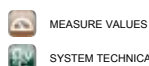
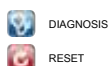
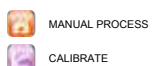
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

2574 [...-2003]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

2654 [...-2003]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				





2674 [1991-2002]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

4100 [2002-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

4200 [2002-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

4300 [2002-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

4400 [2002-...]

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

4800 [...-2003]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

4900 [...-2003]

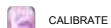
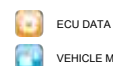
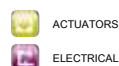
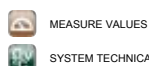
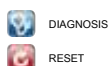
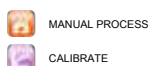
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

5000 [1993-2002]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

5070 [...-2002]

Gearbox	TCM, Transmission				
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HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

5500 [2000-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

5600 [2000-...]

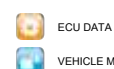
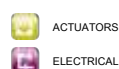
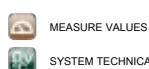
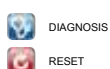
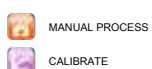
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

5900 SBA [2000-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

5900 SFA [2000-...]

Gearbox	TCM, Transmission				
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HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

7300 [2002-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

7400 [2002-...]

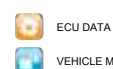
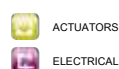
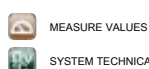
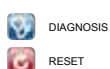
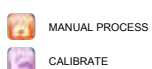
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

7500 [2002-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

7600 [2003-...]

Gearbox	TCM, Transmission				
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HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

7700 [2005-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

8100 [...-2003]

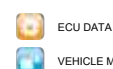
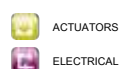
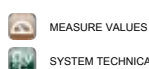
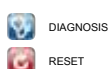
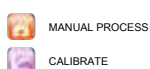
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

8500 [2002-2009]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

8600 [2003-2009]

Gearbox	TCM, Transmission				
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HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

9100 [1998-2003]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

9200 [1993-...]

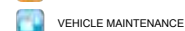
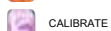
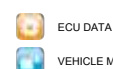
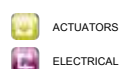
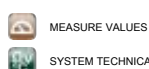
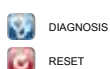
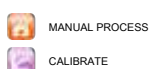
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

9400 [...-2007]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

9900 [1999-...]

Gearbox	TCM, Transmission				
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HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control						
Central computer	CC, Body computer						
Brakes	ABS, Braking system						
Instrument cluster	INS, Info Instrumentation						
Chassis module	BCU / BBM, Bodywork Module						
Engine	EDC Standard J1708, Engine control system						

9900ix [1999-...]

Gearbox	TCM, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control						
Central computer	CC, Body computer						
Brakes	ABS, Braking system						
Instrument cluster	INS, Info Instrumentation						
Chassis module	BCU / BBM, Bodywork Module						
Engine	EDC Standard J1708, Engine control system						

CF 500

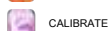
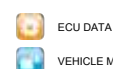
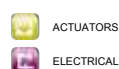
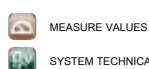
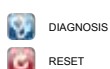
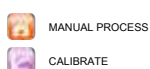
Gearbox	TCM, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control						
Central computer	CC, Body computer						
Brakes	ABS, Braking system						
Instrument cluster	INS, Info Instrumentation						
Chassis module	BCU / BBM, Bodywork Module						
Engine	EDC Standard J1708, Engine control system						

CF 600

Gearbox	TCM, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control						
Central computer	CC, Body computer						
Brakes	ABS, Braking system						
Instrument cluster	INS, Info Instrumentation						
Chassis module	BCU / BBM, Bodywork Module						
Engine	EDC Standard J1708, Engine control system						

CTX

Gearbox	TCM, Transmission						
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HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

CXT

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

LoneStar [2009-...]

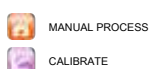
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

MXT

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

ProStar [2007-...]

Gearbox	TCM, Transmission				
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MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



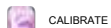
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



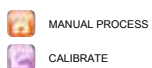
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					

RXT

Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					

RXT Hauler

Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



NPR

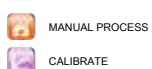
Antipollution	EOBD Standard, Standard protocol diagnosis	
Gearbox	Smoother, Transmission Electronic Control Unit	
Engine	4HK1-TC, Electronic diesel control, injection rail	
Engine	4JJ1-TC, Electronic diesel control, injection rail	
Engine	EDC 15M+, Electronic Diesel Control	
Engine	EDC VE, Electronic Diesel Control	

NQR

Antipollution	EOBD Standard, Standard protocol diagnosis	
Gearbox	Smoother, Transmission Electronic Control Unit	
Engine	4HK1-TC, Electronic diesel control, injection rail	
Engine	4JJ1-TC, Electronic diesel control, injection rail	
Engine	EDC 15M+, Electronic Diesel Control	

NQR 3D

Antipollution	EOBD Standard, Standard protocol diagnosis	
Gearbox	Smoother, Transmission Electronic Control Unit	
Brakes	ABS D, Antilock braking system	
Brakes	ABS E, Antilock braking system	
Engine	4HK1-TC, Electronic diesel control, injection rail	
Engine	4JJ1-TC, Electronic diesel control, injection rail	
Engine	EDC 15M+, Electronic Diesel Control	



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



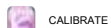
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



Eurocargo 2008

Antipollution	DENOXTRONIC, Exhaust gas treatment system							
Antitheft	Immobilizer, Immobilizer							
Heater	Ebërspacher, Auxiliary heater							
Gearbox	Allison (4th Gen), Gearbox management system							
Gearbox	Eurotronic 2, Gearbox with electronic control							
Gearbox	Eurotronic 2, Gearbox parametrization							
Central computer	IBC3, Body computer							
Central computer	VCM Immobilizer, Vehicle Electronic Control Unit							
Brakes	ABS 6, Antilock braking system							
Instrument cluster	IC, Instrument cluster							
Electronic module	Chassis - MET, Chassis electronic module							
Electronic module	DDM, Driver door module							
Electronic module	PDM, Passenger door module							
Engine	EDC 7 UC31, Electronic diesel control, injection rail							
Suspension	ECAS 4x2 A, Electronically controlled suspension system							
Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system							
Suspension	ECAS 6X2, Electronically controlled suspension system							
Suspension	ECAS KWP, Electronically controlled suspension system							

Eurocargo Cavallino

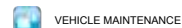
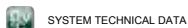
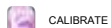
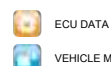
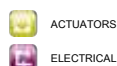
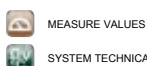
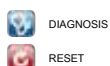
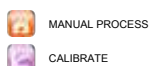
Engine	EDC MS6.2, Engine management system, pump-injectors							
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Eurocargo ML CNG Engine

Brakes	ABS 2X, Antilock braking system							
Brakes	ABS C3, Antilock braking system							
Brakes	ABS D, Antilock braking system							
Brakes	ABS E, Antilock braking system							
Brakes	ABS KB3A, Antilock braking system							
Brakes	ABS, Antilock braking system							
Suspension	ECAS 4x2 A, Electronically controlled suspension system							
Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system							
Suspension	ECAS 6X2, Electronically controlled suspension system							
Suspension	ECAS KWP, Electronically controlled suspension system							

Eurocargo ML Tector 2002

Antitheft	Immobilizer, Immobilizer							
Gearbox	WTEC III Allison, Transmission							
Central computer	IBC, Body computer							
Brakes	ABS 2X, Antilock braking system							





Engine	EDC 7, Electronic diesel control, injection rail									
Suspension	ECAS 4x2 A, Electronically controlled suspension system									
Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system									
Suspension	ECAS 4x2/6x2, Electronically controlled suspension system									
Suspension	ECAS 6X2 DV, Electronically controlled suspension system									
Suspension	ECAS KWP, Electronically controlled suspension system									

Eurocargo ML Tector 2003

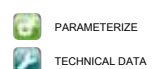
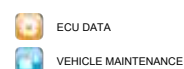
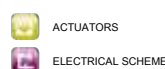
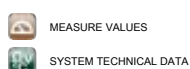
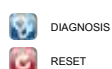
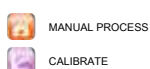
Antitheft	Immobilizer, Immobilizer									
Gearbox	WTEC III Allison, Transmission									
Central computer	IBC, Body computer									
Brakes	ABS 2X, Antilock braking system									
Instrument cluster	IC, Instrument cluster									
Engine	EDC 7, Electronic diesel control, injection rail									
Suspension	ECAS 4x2 A, Electronically controlled suspension system									
Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system									
Suspension	ECAS 6X2, Electronically controlled suspension system									
Suspension	ECAS KWP, Electronically controlled suspension system									

Eurocargo ML Tector 2006

Antipollution	DENOXTRONIC, Exhaust gas treatment system									
Antitheft	Immobilizer, Immobilizer									
Gearbox	Allison (4th gen), Gearbox management system									
Central computer	IBC3, Body computer									
Central computer	VCM Immobilizer, Vehicle Electronic Control Unit									
Brakes	ABS 6, Antilock braking system									
Instrument cluster	IC, Instrument cluster									
Electronic module	Chassis - MET, Chassis electronic module									
Engine	EDC 7 UC31, Electronic diesel control, injection rail									
Suspension	ECAS 4x2 A, Electronically controlled suspension system									
Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system									
Suspension	ECAS 6X2, Electronically controlled suspension system									
Suspension	ECAS KWP, Electronically controlled suspension system									

Eurofire ML CNG Engine

Brakes	ABS 2X, Antilock braking system									
Brakes	ABS C3, Antilock braking system									
Brakes	ABS KB3A, Antilock braking system									
Brakes	ABS, Antilock braking system									
Suspension	ECAS 4x2 A, Electronically controlled suspension system									





Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system												
Suspension	ECAS 6X2, Electronically controlled suspension system												
Suspension	ECAS KWP, Electronically controlled suspension system												

Eurofire ML Tector 2002

Antitheft	Immobilizer, Immobilizer												
Central computer	IBC, Body computer												
Brakes	ABS 2X, Antilock braking system												
Engine	EDC 7, Electronic diesel control, injection rail												
Suspension	ECAS 4x2 A, Electronically controlled suspension system												
Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system												
Suspension	ECAS 6X2, Electronically controlled suspension system												
Suspension	ECAS KWP, Electronically controlled suspension system												

Eurofire ML Tector 2003

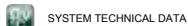
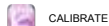
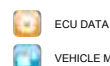
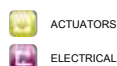
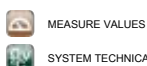
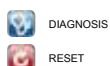
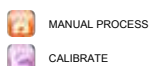
Antitheft	Immobilizer, Immobilizer												
Central computer	IBC, Body computer												
Brakes	ABS 2X, Antilock braking system												
Engine	EDC 7, Electronic diesel control, injection rail												
Suspension	ECAS 4x2 A, Electronically controlled suspension system												
Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system												
Suspension	ECAS 6X2, Electronically controlled suspension system												
Suspension	ECAS KWP, Electronically controlled suspension system												

Eurofire ML Tector 2006 Euro 4/5

Antipollution	DENOXTRONIC, Exhaust gas treatment system												
Central computer	IBC3, Body computer												
Central computer	VCM Immobilizer, Vehicle Electronic Control Unit												
Brakes	ABS 6, Antilock braking system												
Engine	EDC 7 UC31, Electronic diesel control, injection rail												
Suspension	ECAS 4x2 A, Electronically controlled suspension system												
Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system												
Suspension	ECAS 6X2, Electronically controlled suspension system												
Suspension	ECAS KWP, Electronically controlled suspension system												

Euromover Euro 2/3

Brakes	ABS C3, Antilock braking system												
Engine	EDC MS6.2, Engine management system, pump-injectors												
Suspension	ECAS 4x2 A, Electronically controlled suspension system												





Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system	
Suspension	ECAS 6X2, Electronically controlled suspension system	

EuroStar LD

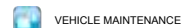
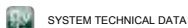
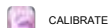
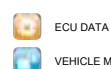
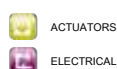
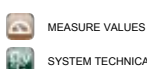
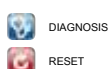
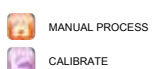
Brakes	ABS C3, Antilock braking system	
Brakes	ABS, Antilock braking system	
Engine	EDC M7, Diesel in-line injection pump	
Retarder	Intarder KWP, Retarder	
Suspension	ECAS 4x2 A, Electronically controlled suspension system	
Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system	
Suspension	ECAS 6x2, Electronically controlled suspension system	
Suspension	ECAS KWP, Electronically controlled suspension system	

EuroStar LD Cursor

Antitheft	Immobilizer, Immobilizer	
Gearbox	Eurotronic 2, Gearbox with electronic control	
Gearbox	Eurotronic 2, Gearbox parametrization	
Brakes	ABS C3, Antilock braking system	
Brakes	ABS D, Antilock braking system	
Brakes	ABS E, Antilock braking system	
Brakes	EBS, Electronic Braking System	
Engine	EDC MS6.2, Engine management system, pump-injectors	
Retarder	Intarder CAN, Retarder	
Suspension	ECAS 4x2 A, Electronically controlled suspension system	
Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system	
Suspension	ECAS 6x2, Electronically controlled suspension system	
Suspension	ECAS KWP, Electronically controlled suspension system	

Eurotech MH RSU Cursor

Antitheft	Immobilizer, Immobilizer	
Gearbox	Eurotronic 2, Gearbox with electronic control	
Gearbox	Eurotronic 2, Gearbox parametrization	
Brakes	ABS C3, Antilock braking system	
Brakes	ABS D, Antilock braking system	
Brakes	ABS E, Antilock braking system	
Brakes	ABS, Antilock braking system	
Engine	EDC MS6.2, Engine management system, pump-injectors	
Retarder	Intarder CAN, Retarder	
Retarder	Intarder KWP, Retarder	
Suspension	ECAS 4x2 A, Electronically controlled suspension system	





Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system	
Suspension	ECAS 6X2, Electronically controlled suspension system	
Suspension	ECAS KWP, Electronically controlled suspension system	

Eurotech MP RSU

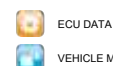
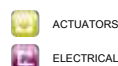
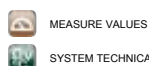
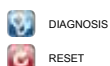
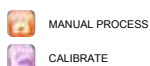
Brakes	ABS C3, Antilock braking system	
Brakes	ABS, Antilock braking system	
Retarder	Intarder KWP, Retarder	
Suspension	ECAS 4x2 A, Electronically controlled suspension system	
Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system	
Suspension	ECAS 6X2, Electronically controlled suspension system	
Suspension	ECAS KWP, Electronically controlled suspension system	

Eurotech MP/MH Cursor

Antitheft	Immobilizer, Immobilizer	
Gearbox	Eurotronic 2, Gearbox with electronic control	
Gearbox	Eurotronic 2, Gearbox parametrization	
Brakes	ABS C3, Antilock braking system	
Brakes	ABS D, Antilock braking system	
Brakes	ABS E, Antilock braking system	
Brakes	ABS, Antilock braking system	
Brakes	EBS, Electronic Braking System	
Engine	EDC MS6.2, Engine management system, pump-injectors	
Retarder	Intarder CAN, Retarder	
Retarder	Intarder KWP, Retarder	
Suspension	ECAS 4x2 A, Electronically controlled suspension system	
Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system	
Suspension	ECAS 6X2, Electronically controlled suspension system	
Suspension	ECAS KWP, Electronically controlled suspension system	

Eurotech MT/MP

Brakes	ABS C3, Antilock braking system	
Brakes	ABS, Antilock braking system	
Engine	EDC M7, Diesel in-line injection pump	
Retarder	Intarder KWP, Retarder	
Suspension	ECAS 4x2 A, Electronically controlled suspension system	
Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system	
Suspension	ECAS 6X2, Electronically controlled suspension system	
Suspension	ECAS KWP, Electronically controlled suspension system	





Eurotrakker MP



Antitheft	Immobilizer, Immobilizer							
Brakes	ABS C3, Antilock braking system							
Brakes	ABS D, Antilock braking system							
Brakes	ABS E, Antilock braking system							
Brakes	ABS, Antilock braking system							
Engine	EDC M7, Diesel in-line injection pump							
Retarder	Intarder KWP, Retarder							
Suspension	ECAS 4x2 A, Electronically controlled suspension system							
Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system							
Suspension	ECAS 6X2, Electronically controlled suspension system							
Suspension	ECAS KWP, Electronically controlled suspension system							

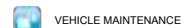
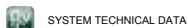
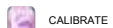
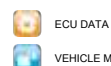
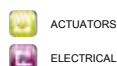
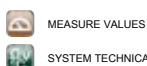
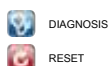
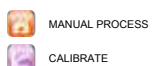
Eurotrakker MP Cursor



Antitheft	Immobilizer, Immobilizer							
Gearbox	Eurotronic 2, Gearbox with electronic control							
Gearbox	Eurotronic 2, Gearbox parametrization							
Brakes	ABS C3, Antilock braking system							
Brakes	ABS D, Antilock braking system							
Brakes	ABS E, Antilock braking system							
Brakes	ABS, Antilock braking system							
Brakes	EBS, Electronic Braking System							
Engine	EDC MS6.2, Engine management system, pump-injectors							
Retarder	Intarder CAN, Retarder							
Retarder	Intarder KWP, Retarder							
Suspension	ECAS 4x2 A, Electronically controlled suspension system							
Suspension	ECAS 4x2 Ratio, Electronically controlled suspension system							
Suspension	ECAS 6X2, Electronically controlled suspension system							
Suspension	ECAS KWP, Electronically controlled suspension system							

PowerStar

Antipollution	DENOXTRONIC , Exhaust gas treatment system							
Heater	Eberspächer, Auxiliary heater							
Gearbox	Eurotronic 2, Gearbox with electronic control							
Gearbox	Eurotronic 2, Gearbox parametrization							
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control							
Central computer	BC, Body computer							
Brakes	ABS D, Antilock braking system							
Brakes	ABS E, Antilock braking system							





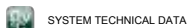
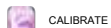
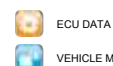
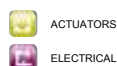
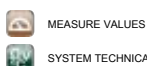
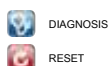
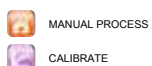
Brakes	EBS 2, Brake central unit												
Brakes	EBS, Electronic Braking System												
Instrument cluster	IC, Instrument cluster												
Electronic module	CM, Cab module												
Electronic module	DDM, Driver door module												
Electronic module	FFM, Front module												
Electronic module	PDM, Passenger door module												
Electronic module	RFM, Rear module												
Engine	EDC7 UC31, Engine management system, pump-injectors												
Retarder	Intarder CAN, Retarder												
Suspension	ECAS CAN, Electronically controlled suspension system												
Suspension	ECAS, Electronically controlled suspension system												

Stralis AD CNG Euro 4/5

Heater	Eberspächer, Auxiliary heater												
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control												
Central computer	BC, Body computer												
Central computer	VCM Immobilizer, Vehicle Electronic Control Unit												
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Instrument cluster	IC, Instrument cluster												
Electronic module	CM, Cab module												
Electronic module	DDM, Driver door module												
Electronic module	FFM, Front module												
Electronic module	PDM, Passenger door module												
Electronic module	RFM, Rear module												
Engine	Metafuel 3, CNG (Compressed Natural Gas) engine management system												
Retarder	Intarder CAN, Retarder												
Suspension	ECAS CAN, Electronically controlled suspension system												
Suspension	ECAS, Electronically controlled suspension system												

Stralis AD-N CNG 2008

Heater	Eberspächer, Auxiliary heater												
Central computer	BC, Body computer												
Central computer	VCM Immobilizer, Vehicle Electronic Control Unit												
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Brakes	EBS 2, Brake central unit												
Instrument cluster	IC, Instrument cluster												
Electronic module	DDM, Driver door module												





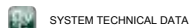
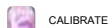
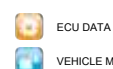
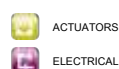
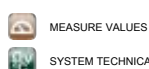
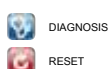
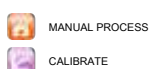
Electronic module	PDM, Passenger door module								
Electronic module	RFM, Rear module								
Engine	Metafuel 3, CNG (Compressed Natural Gas) engine management system								
Retarder	Intarder CAN, Retarder								
Suspension	ECAS CAN, Electronically controlled suspension system								
Suspension	ECAS, Electronically controlled suspension system								

Stralis AS 2007

Antipollution	DENOXTRONIC , Exhaust gas treatment system								
Heater	Eberspächer, Auxiliary heater								
Gearbox	Eurotronic 2, Gearbox with electronic control								
Gearbox	Eurotronic 2, Gearbox parametrization								
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control								
Central computer	BC, Body computer								
Central computer	VCM Immobilizer, Vehicle Electronic Control Unit								
Brakes	ABS D, Antilock braking system								
Brakes	ABS E, Antilock braking system								
Brakes	EBS 2, Brake central unit								
Instrument cluster	IC, Instrument cluster								
Electronic module	CM, Cab module								
Electronic module	DDM, Driver door module								
Electronic module	FFM, Front module								
Electronic module	PDM, Passenger door module								
Electronic module	RFM, Rear module								
Engine	EDC7 UC31, Engine management system, pump-injectors								
Retarder	Intarder CAN, Retarder								
Suspension	ECAS CAN, Electronically controlled suspension system								
Suspension	ECAS, Electronically controlled suspension system								

Stralis AS Euro 3

Antitheft	Immobilizer, Immobilizer								
Heater	Eberspächer, Auxiliary heater								
Gearbox	Eurotronic 2, Gearbox with electronic control								
Gearbox	Eurotronic 2, Gearbox parametrization								
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control								
Central computer	BC, Body computer								
Brakes	ABS D, Antilock braking system								
Brakes	ABS E, Antilock braking system								





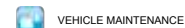
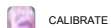
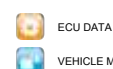
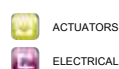
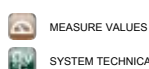
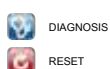
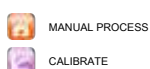
Brakes	EBS 2, Brake central unit												
Brakes	EBS, Electronic Braking System												
Instrument cluster	IC, Instrument cluster												
Electronic module	CM, Cab module												
Electronic module	DDM, Driver door module												
Electronic module	FFM, Front module												
Electronic module	PDM, Passenger door module												
Electronic module	RFM, Rear module												
Engine	EDC MS6.2, Engine management system, pump-injectors												
Retarder	EST-42, Retarder												
Retarder	Intarder CAN, Retarder												
Suspension	ECAS CAN, Electronically controlled suspension system												
Suspension	ECAS, Electronically controlled suspension system												

Stralis AS Euro 4/5

Antipollution	DENOXTRONIC , Exhaust gas treatment system												
Antitheft	Immobilizer, Immobilizer												
Heater	Eberspächer, Auxiliary heater												
Gearbox	Eurotronic 2, Gearbox with electronic control												
Gearbox	Eurotronic 2, Gearbox parametrization												
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control												
Central computer	BC, Body computer												
Central computer	VCM Immobilizer, Vehicle Electronic Control Unit												
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Brakes	EBS 2, Brake central unit												
Brakes	EBS, Electronic Braking System												
Instrument cluster	IC, Instrument cluster												
Electronic module	CM, Cab module												
Electronic module	DDM, Driver door module												
Electronic module	FFM, Front module												
Electronic module	PDM, Passenger door module												
Electronic module	RFM, Rear module												
Engine	EDC7 UC31, Engine management system, pump-injectors												
Retarder	Intarder CAN, Retarder												
Suspension	ECAS CAN, Electronically controlled suspension system												
Suspension	ECAS, Electronically controlled suspension system												

Stralis AT-AD Euro 3

Antitheft	Immobilizer, Immobilizer												
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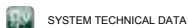
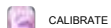
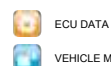
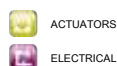
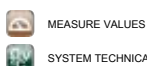
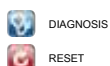
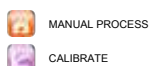




Heater	Eberspächer, Auxiliary heater												
Gearbox	Eurotronic 2, Gearbox with electronic control												
Gearbox	Eurotronic 2, Gearbox parametrization												
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control												
Central computer	BC, Body computer												
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Brakes	EBS 2, Brake central unit												
Brakes	EBS, Electronic Braking System												
Instrument cluster	IC, Instrument cluster												
Electronic module	CM, Cab module												
Electronic module	DDM, Driver door module												
Electronic module	FFM, Front module												
Electronic module	PDM, Passenger door module												
Electronic module	RFM, Rear module												
Engine	EDC MS6.2, Engine management system, pump-injectors												
Retarder	EST-42, Retarder												
Retarder	Intarder CAN, Retarder												
Suspension	ECAS CAN, Electronically controlled suspension system												
Suspension	ECAS, Electronically controlled suspension system												

Stralis AT-AD Euro 4/5

Antipollution	DENOXTRONIC , Exhaust gas treatment system												
Heater	Eberspächer, Auxiliary heater												
Gearbox	Eurotronic 2, Gearbox with electronic control												
Gearbox	Eurotronic 2, Gearbox parametrization												
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control												
Central computer	BC, Body computer												
Central computer	VCM Immobilizer, Vehicle Electronic Control Unit												
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Brakes	EBS 2, Brake central unit												
Brakes	EBS, Electronic Braking System												
Instrument cluster	IC, Instrument cluster												
Electronic module	CM, Cab module												
Electronic module	DDM, Driver door module												
Electronic module	FFM, Front module												
Electronic module	PDM, Passenger door module												
Electronic module	RFM, Rear module												





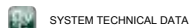
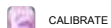
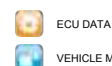
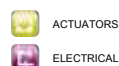
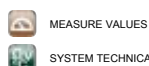
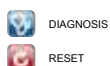
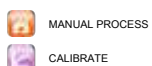
Engine	EDC7 UC31, Engine management system, pump-injectors								
Retarder	Intarder CAN, Retarder								
Suspension	ECAS CAN, Electronically controlled suspension system								
Suspension	ECAS, Electronically controlled suspension system								

Stralis AT-N/AD-N 2007

Antipollution	DENOXTRONIC , Exhaust gas treatment system								
Heater	Eberspächer, Auxiliary heater								
Gearbox	Eurotronic 2, Gearbox with electronic control								
Gearbox	Eurotronic 2, Gearbox parametrization								
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control								
Central computer	BC, Body computer								
Central computer	VCM Immobilizer, Vehicle Electronic Control Unit								
Brakes	ABS D, Antilock braking system								
Brakes	ABS E, Antilock braking system								
Brakes	EBS 2, Brake central unit								
Instrument cluster	IC, Instrument cluster								
Electronic module	CM, Cab module								
Electronic module	DDM, Driver door module								
Electronic module	FFM, Front module								
Electronic module	PDM, Passenger door module								
Electronic module	RFM, Rear module								
Engine	EDC7 UC31, Engine management system, pump-injectors								
Retarder	Intarder CAN, Retarder								
Suspension	ECAS CAN, Electronically controlled suspension system								
Suspension	ECAS, Electronically controlled suspension system								

Strator

Antipollution	DENOXTRONIC , Exhaust gas treatment system								
Heater	Eberspächer, Auxiliary heater								
Gearbox	Eurotronic 2, Gearbox with electronic control								
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control								
Central computer	BC, Body computer								
Brakes	ABS D, Antilock braking system								
Brakes	ABS E, Antilock braking system								
Brakes	EBS 2, Brake central unit								
Brakes	EBS, Electronic Braking System								
Instrument cluster	IC, Instrument cluster								
Electronic module	CM, Cab module								





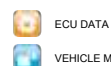
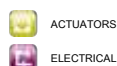
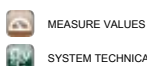
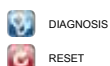
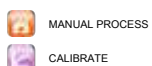
Electronic module	DDM, Driver door module									
Electronic module	FFM, Front module									
Electronic module	PDM, Passenger door module									
Electronic module	RFM, Rear module									
Engine	EDC7 UC31, Engine management system, pump-injectors									
Retarder	Intarder CAN, Retarder									
Suspension	ECAS CAN, Electronically controlled suspension system									
Suspension	ECAS, Electronically controlled suspension system									

Trakker Euro 2/3

Antitheft	Immobilizer, Immobilizer									
Heater	Eberspächer, Auxiliary heater									
Gearbox	Eurotronic 2, Gearbox with electronic control									
Gearbox	Eurotronic 2, Gearbox parametrization									
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control									
Brakes	ABS D, Antilock braking system									
Brakes	ABS E, Antilock braking system									
Instrument cluster	IC, Instrument cluster									
Electronic module	CM, Cab module									
Electronic module	DDM, Driver door module									
Electronic module	FFM, Front module									
Electronic module	PDM, Passenger door module									
Electronic module	RFM, Rear module									
Engine	EDC MS6.2, Engine management system, pump-injectors									
Engine	EDC7 UC31, Engine management system, pump-injectors									
Retarder	EST-42, Retarder									
Retarder	Intarder CAN, Retarder									
Suspension	ECAS CAN, Electronically controlled suspension system									
Suspension	ECAS, Electronically controlled suspension system									

Trakker Euro 3, 2008

Heater	Eberspächer, Auxiliary heater									
Gearbox	Eurotronic 2, Gearbox with electronic control									
Gearbox	Eurotronic 2, Gearbox parametrization									
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control									
Brakes	ABS D, Antilock braking system									
Brakes	ABS E, Antilock braking system									
Electronic module	Chassis - MET, Chassis electronic module									
Electronic module	DDM, Driver door module									

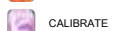
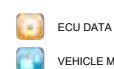
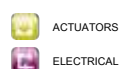
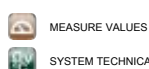
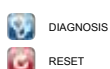
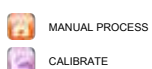




Electronic module	PDM, Passenger door module							
Engine	EDC7 UC31, Engine management system, pump-injectors							
Retarder	Intarder CAN, Retarder							

Trakker Euro 4/5/EEV

Antipollution	DENOXTRONIC , Exhaust gas treatment system							
Heater	Eberspächer, Auxiliary heater							
Gearbox	Eurotronic 2, Gearbox with electronic control							
Gearbox	Eurotronic 2, Gearbox parametrization							
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control							
Central computer	VCM Immobilizer, Vehicle Electronic Control Unit							
Brakes	ABS D, Antilock braking system							
Brakes	ABS E, Antilock braking system							
Brakes	EBS 2, Brake central unit							
Brakes	EBS, Electronic Braking System							
Electronic module	Chassis - MET, Chassis electronic module							
Electronic module	DDM, Driver door module							
Electronic module	PDM, Passenger door module							
Engine	EDC7 UC31, Engine management system, pump-injectors							
Retarder	Intarder CAN, Retarder							
Suspension	ECAS CAN, Electronically controlled suspension system							
Suspension	ECAS, Electronically controlled suspension system							





4308 Chassis

Engine EDC Cummins, Engine control system

4308 Range

Engine EDC Cummins, Engine control system

43114 Chassis

Engine EDC Cummins, Engine control system

43114 Side

Engine EDC Cummins, Engine control system

43118 Chassis

Engine EDC Cummins, Engine control system

43118 Side

Engine EDC Cummins, Engine control system

43253 Chassis

Engine EDC Cummins, Engine control system

43253 Side

Engine EDC Cummins, Engine control system

4326 Chassis

Engine EDC Cummins, Engine control system

4326 Side

Engine EDC Cummins, Engine control system

44108

Engine EDC Cummins, Engine control system

4911

Engine EDC Cummins, Engine control system

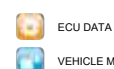
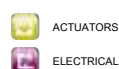
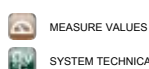
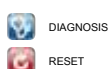
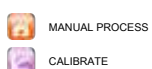
5308

Engine ISBe4 SAE J1708, Engine control system

Engine ISBe4 SAE J1939, Engine control system

53205

Engine EDC Cummins, Engine control system





53215 Chassis

Engine EDC Cummins, Engine control system

53215 Side

Engine EDC Cummins, Engine control system

53228

Engine EDC Cummins, Engine control system

53229

Engine EDC Cummins, Engine control system

53605

Engine EDC Cummins, Engine control system

54115

Engine EDC Cummins, Engine control system

5460

Engine EDC Cummins, Engine control system

55111 Chassis

Engine EDC Cummins, Engine control system

55111 Dump

Engine EDC Cummins, Engine control system

6460

Engine EDC Cummins, Engine control system

65111

Engine EDC Cummins, Engine control system

65115 Chassis

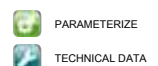
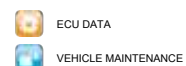
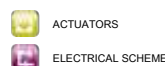
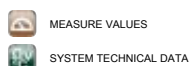
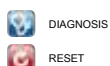
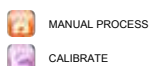
Engine EDC Cummins, Engine control system

65115 Dump

Engine EDC Cummins, Engine control system

65116

Engine EDC Cummins, Engine control system





65117 Chassis

Engine

EDC Cummins, Engine control system



65117 Side

Engine

EDC Cummins, Engine control system



6520 Chassis

Engine

EDC Cummins, Engine control system



6520 Dump

Engine

EDC Cummins, Engine control system



6522 Chassis

Engine

EDC Cummins, Engine control system



6522 Dump

Engine

EDC Cummins, Engine control system



65225

Engine

EDC Cummins, Engine control system



65226

Engine

EDC Cummins, Engine control system



65228

Engine

EDC Cummins SAE J1939, Engine control system



6540 Chassis

Engine

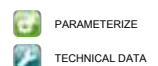
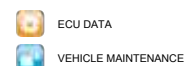
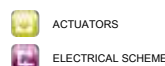
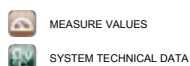
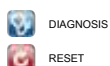
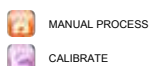
EDC Cummins, Engine control system



6540 Dump

Engine

EDC Cummins, Engine control system





CB500B

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

K100E [...-2003]

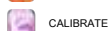
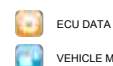
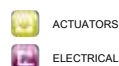
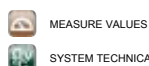
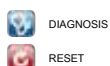
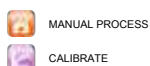
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

K260 [2006-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

K360 [2006-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				





KW45 [2004-2006]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

KW55 [2004-2006]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

T170 [2007-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

T2000 [1997-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

T270 [2007-...]

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

T300 Class 6 [1994-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

T300 Class 7 [1994-...]

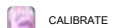
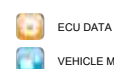
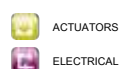
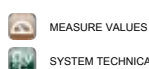
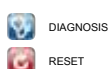
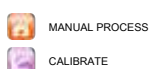
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

T370 [2007-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

T400 [1995-2003]

Gearbox	TCM, Transmission				
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HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control						
Central computer	CC, Body computer						
Brakes	ABS, Braking system						
Instrument cluster	INS, Info Instrumentation						
Chassis module	BCU / BBM, Bodywork Module						
Engine	EDC Standard J1708, Engine control system						

T440 [2008-...]

Gearbox	Allison 4500 RDS, Gearbox management system						
Gearbox	TCM, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control						
Central computer	CC, Body computer						
Brakes	ABS, Braking system						
Instrument cluster	INS, Info Instrumentation						
Chassis module	BCU / BBM, Bodywork Module						
Engine	EDC J1708 Standard, Engine control system						

T450 [...-2003]

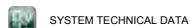
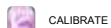
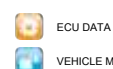
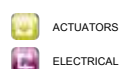
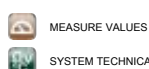
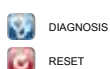
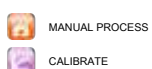
Gearbox	TCM, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control						
Central computer	CC, Body computer						
Brakes	ABS, Braking system						
Instrument cluster	INS, Info Instrumentation						
Chassis module	BCU / BBM, Bodywork Module						
Engine	EDC Standard J1708, Engine control system						

T600 [1995-2007]

Gearbox	TCM, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control						
Central computer	CC, Body computer						
Brakes	ABS, Braking system						
Instrument cluster	INS, Info Instrumentation						
Chassis module	BCU / BBM, Bodywork Module						
Engine	EDC Standard J1708, Engine control system						

T660 [2008-...]

Gearbox	TCM, Transmission						
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HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control						
Central computer	CC, Body computer						
Brakes	ABS, Braking system						
Instrument cluster	INS, Info Instrumentation						
Chassis module	BCU / BBM, Bodywork Module						
Engine	EDC Standard J1708, Engine control system						

T700 [2008-...]

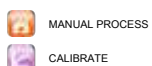
Gearbox	TCM, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control						
Central computer	CC, Body computer						
Brakes	ABS, Braking system						
Instrument cluster	INS, Info Instrumentation						
Chassis module	BCU / BBM, Bodywork Module						
Engine	EDC Standard J1708, Engine control system						

T800

Gearbox	TCM, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control						
Central computer	CC, Body computer						
Brakes	ABS, Braking system						
Instrument cluster	INS, Info Instrumentation						
Chassis module	BCU / BBM, Bodywork Module						
Engine	EDC Standard J1708, Engine control system						

W900 [1994-...]

Gearbox	TCM, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control						
Central computer	CC, Body computer						
Brakes	ABS, Braking system						
Instrument cluster	INS, Info Instrumentation						
Chassis module	BCU / BBM, Bodywork Module						
Engine	EDC Standard J1708, Engine control system						



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



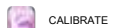
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



CH/CHN Series [...-2007]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

CL-612 [1998-2002]

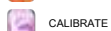
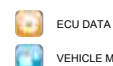
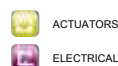
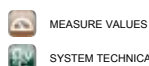
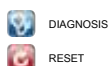
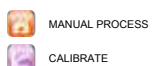
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

CL-613 [1998-2002]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

CL-712 [1993-2002]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				





CL-713 [1993-2002]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

CL-733 [2003-2007]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

CS-200 [...-2003]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

CS-250 [...-2003]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

CS-300 [...-2003]

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

DM-690 [...-2006]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

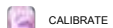
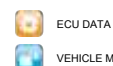
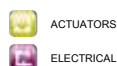
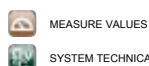
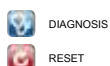
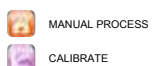
DMM-6906 [...-2002]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Granite [2001-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Central computer	VCM, Vehicle management computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Instrument cluster				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Granite Axle Back [2007-...]





Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Central computer	VCM, Vehicle management computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Instrument cluster				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Granite Bridge Formula [2007-...]

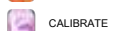
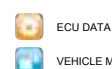
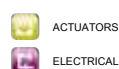
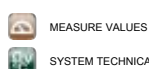
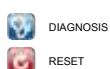
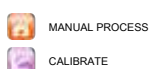
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Central computer	VCM, Vehicle management computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Instrument cluster				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

LE Series [1995-2007]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

MR-690 [...-2007]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				





MS-200 [...-2003]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

MS-250 [...-2003]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

MS-300 [...-2003]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

MV-322 [2002-2004]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Pinnacle Daycab Axle Back [2007-...]

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Central computer	VCM, Vehicle management computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Instrument cluster				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Pinnacle Daycab Axle Forward [2007-...]

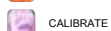
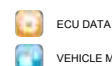
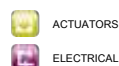
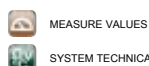
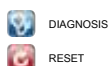
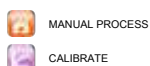
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Central computer	VCM, Vehicle management computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Instrument cluster				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Pinnacle Sleeper Axle Back [2007-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Central computer	VCM, Vehicle management computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Instrument cluster				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Pinnacle Sleeper Axle Forward [2007-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	MID 142 CC, Body computer				
Central computer	VCM, Vehicle management computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Instrument cluster				
Chassis module	BCU / BBM, Bodywork Module				





Engine	EDC Standard J1708, Engine control system					
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RB-690 [...-2005]

Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	MID 142 CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					

RD-690 [...-2005]

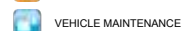
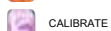
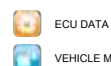
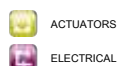
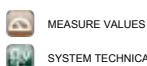
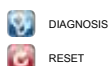
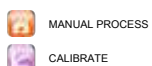
Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	MID 142 CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					

RD-888 [1999-2005]

Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	MID 142 CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					

TerraPro Cabover [2008-...]

Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	MID 142 CC, Body computer					
Central computer	VCM, Vehicle management computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					





Engine	EDC Standard J1708, Engine control system					
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TerraPro Low Entry [2008-...]

Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	MID 142 CC, Body computer					
Central computer	VCM, Vehicle management computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Instrument cluster					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					

Titan TD-713 [2008-...]

Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	MID 142 CC, Body computer					
Central computer	VCM, Vehicle management computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Instrument cluster					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					

Vision CX [2001-2005]

Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	MID 142 CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					

Vision CXN [2005-2007]

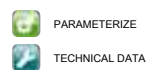
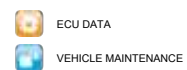
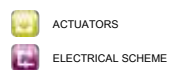
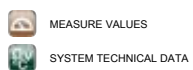
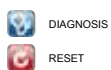
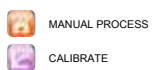
Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



MACK

Chassis module	BCU / BBM, Bodywork Module			
Engine	EDC Standard J1708, Engine control system			





F 2000



HVAC (Heating, Ventilating and Air Conditioning)	ATC, Automatic temperature control								
HVAC (Heating, Ventilating and Air Conditioning)	GKR, Climate control								
Brakes	ABS Ci12, Antilock braking system								
Brakes	ABS KB3A, Antilock braking system								
Engine	EDC M7, Diesel in-line injection pump								
Engine	EDC MS5, Diesel in-line injection pump								
Retarder	EST-32, Retarder								
Retarder	EST-42, Retarder								
Suspension	ECAS 4x2, Electronically controlled suspension system								
Suspension	ECAS 6x2, Electronically controlled suspension system								
Suspension	ECAS ESAC, Electronically controlled suspension system								
Suspension	ECAS w/o sp, Electronically controlled suspension system								

F 90



Brakes	ABS, Antilock braking system								
Engine	EDC M7, Diesel in-line injection pump								
Engine	EDC MS5, Diesel in-line injection pump								
Suspension	ECAS 4x2, Electronically controlled suspension system								
Suspension	ECAS 4x2/6x2, Electronically controlled suspension system								

G 90

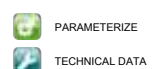
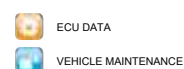
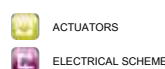
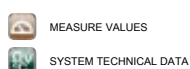
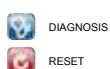
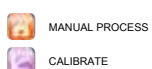


Brakes	ABS, Antilock braking system								
Suspension	ECAS 4x2, Electronically controlled suspension system								
Suspension	ECAS 4x2/6x2, Electronically controlled suspension system								

L 2000



HVAC (Heating, Ventilating and Air Conditioning)	ATC, Automatic temperature control								
HVAC (Heating, Ventilating and Air Conditioning)	GKR, Climate control								
Brakes	ABS Ci12, Antilock braking system								
Brakes	ABS KB3A, Antilock braking system								
Engine	EDC MS5, Diesel in-line injection pump								
Engine	EDC MS6.4, Distributor diesel injection pump								
Retarder	EST-42, Retarder								
Suspension	ECAS 4x2, Electronically controlled suspension system								
Suspension	ECAS 6x2, Electronically controlled suspension system								





Suspension	ECAS ESAC, Electronically controlled suspension system											
Suspension	ECAS w/o sp, Electronically controlled suspension system											

LE

HVAC (Heating, Ventilating and Air Conditioning)	ATC, Automatic temperature control											
HVAC (Heating, Ventilating and Air Conditioning)	GKR, Climate control											
Brakes	ABS Ci12, Antilock braking system											
Brakes	ABS KB3A, Antilock braking system											
Engine	EDC MS6.4, Distributor diesel injection pump											
Retarder	EST-42, Retarder											
Suspension	ECAS 4x2, Electronically controlled suspension system											
Suspension	ECAS 4x2/6x2, Electronically controlled suspension system											
Suspension	ECAS 6x2, Electronically controlled suspension system											

M 2000

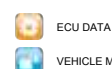
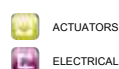
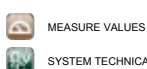
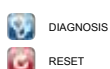
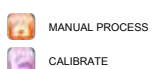
HVAC (Heating, Ventilating and Air Conditioning)	ATC, Automatic temperature control											
HVAC (Heating, Ventilating and Air Conditioning)	GKR, Climate control											
Brakes	ABS Ci12, Antilock braking system											
Brakes	ABS KB3A, Antilock braking system											
Engine	EDC M7, Diesel in-line injection pump											
Engine	EDC MS5, Diesel in-line injection pump											
Engine	EDC MS6.4, Distributor diesel injection pump											
Retarder	EST-42, Retarder											
Suspension	ECAS 4x2, Electronically controlled suspension system											
Suspension	ECAS 6x2, Electronically controlled suspension system											
Suspension	ECAS ESAC, Electronically controlled suspension system											
Suspension	ECAS w/o sp, Electronically controlled suspension system											

M 90

Brakes	ABS, Antilock braking system											
Suspension	ECAS 4x2, Electronically controlled suspension system											
Suspension	ECAS 4x2/6x2, Electronically controlled suspension system											

ME

HVAC (Heating, Ventilating and Air Conditioning)	ATC, Automatic temperature control											
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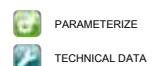
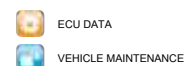
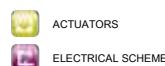
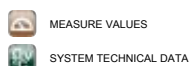
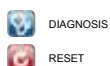
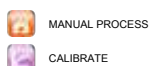




HVAC (Heating, Ventilating and Air Conditioning)	GKR, Climate control									
Brakes	ABS Ci12, Antilock braking system									
Brakes	ABS KB3A, Antilock braking system									
Engine	EDC MS6.4, Distributor diesel injection pump									
Retarder	EST-42, Retarder									
Suspension	ECAS 4x2 N, Electronically controlled suspension system									
Suspension	ECAS 4x2, Electronically controlled suspension system									
Suspension	ECAS 6x2, Electronically controlled suspension system									
Suspension	ECAS w/o sp, Electronically controlled suspension system									

TGA

Antipollution	HDS/SCR AdBlue, Exhaust gas treatment system									
Gearbox	AS Tronic, Gearbox with electronic control									
Gearbox	AS Tronic, Gearbox parametrization									
Gearbox	ZF WSK TC2, Converter clutch									
HVAC (Heating, Ventilating and Air Conditioning)	ATC, Automatic temperature control									
HVAC (Heating, Ventilating and Air Conditioning)	GKR, Climate control									
Central computer	FFR, Vehicle management computer									
Central computer	KSM VDO, Parameterizable special module									
Central computer	OBDO, On-board diagnosis unit									
Central computer	ZBR, Body computer									
Wheel pressure control	TPM, Tire pressure control									
Steering	EHLA, Electro-hydraulic steering system									
Steering	RAS EC1, Rear axle steering system									
Brakes	EBS 5, Electronic Braking System									
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System									
Compressed air processing	ECAM, Electronically controlled compressed air management									
Instrument cluster	INS STON, Instrument cluster									
Instrument cluster	INS VDO, Instrument cluster									
Maintenance	Service, Maintenance									
Electronic module	DM BERIFORS, Door module									
Engine	CRT, Catalyzer continuous regeneration									
Engine	EDC 7 C3 / C32, Electronic diesel control, injection rail									
Engine	EDC MS 6.1, Diesel in-line injection pump									
Engine	EDC MS5, Diesel in-line injection pump									
Retarder	EST-42, Retarder									
Retarder	EST-48, Retarder									





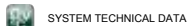
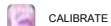
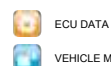
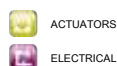
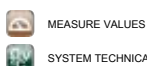
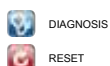
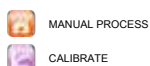
MAN



Safety	ACC, Adaptive Cruise Control								
Safety	AIRBAG, Airbag								
Safety	LGS, Laneguard system								
Suspension	ECAS CAN2, Electronically controlled suspension system								
Suspension	ECAS NFG, Electronically controlled suspension system								
Telematic	TBM, Telematic module								

TGL

Antipollution	HDS/SCR AdBlue, Exhaust gas treatment system								
Gearbox	As Tronic Lite, Automatic gearbox								
Gearbox	AS Tronic MID, Gearbox with electronic control								
Gearbox	AS Tronic MID, Gearbox parametrization								
Gearbox	ZF WSK TC2, Converter clutch								
HVAC (Heating, Ventilating and Air Conditioning)	ATC, Automatic temperature control								
HVAC (Heating, Ventilating and Air Conditioning)	GKR, Climate control								
Central computer	FFR, Vehicle management computer								
Central computer	KSM VDO, Parameterizable special module								
Central computer	OBDU, On-board diagnosis unit								
Central computer	ZBR, Body computer								
Wheel pressure control	TPM, Tire pressure control								
Steering	EHLA, Electro-hydraulic steering system								
Steering	RAS EC1, Rear axle steering system								
Brakes	CBU, Brake central unit								
Brakes	EBS 5, Electronic Braking System								
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System								
Compressed air processing	ECAM, Electronically controlled compressed air management								
Instrument cluster	INS STON, Instrument cluster								
Instrument cluster	INS VDO, Instrument cluster								
Maintenance	Service, Maintenance								
Electronic module	DM, Door module								
Engine	CRT, Catalyzer continuous regeneration								
Engine	EDC 7 C3 / C32, Electronic diesel control, injection rail								
Engine	EDC MS 6.1, Diesel in-line injection pump								
Engine	EDC MS5, Diesel in-line injection pump								
Retarder	EST-42, Retarder								
Retarder	EST-48, Retarder								
Safety	ACC, Adaptive Cruise Control								
Safety	AIRBAG, Airbag								

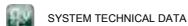
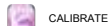
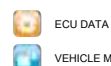
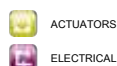
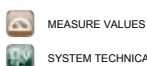
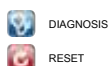
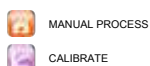




Safety	LGS, Laneguard system								
Suspension	ECAS CAN2, Electronically controlled suspension system								
Suspension	ECAS NFG, Electronically controlled suspension system								
Telematic	TBM, Telematic module								

TGM

Gearbox	As Tronic Lite, Automatic gearbox								
Gearbox	AS Tronic MID, Gearbox with electronic control								
Gearbox	AS Tronic MID, Gearbox parametrization								
Gearbox	ZF WSK TC2, Converter clutch								
HVAC (Heating, Ventilating and Air Conditioning)	ATC, Automatic temperature control								
HVAC (Heating, Ventilating and Air Conditioning)	GKR, Climate control								
Central computer	FFR, Vehicle management computer								
Central computer	KSM VDO, Parameterizable special module								
Central computer	OBDU, On-board diagnosis unit								
Central computer	ZBR, Body computer								
Wheel pressure control	TPM, Tire pressure control								
Steering	EHLA, Electro-hydraulic steering system								
Steering	RAS EC1, Rear axle steering system								
Brakes	CBU, Brake central unit								
Brakes	EBS 5, Electronic Braking System								
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System								
Compressed air processing	ECAM, Electronically controlled compressed air management								
Instrument cluster	INS STON, Instrument cluster								
Instrument cluster	INS VDO, Instrument cluster								
Maintenance	Service, Maintenance								
Electronic module	DM, Door module								
Engine	CRT, Catalyzer continuous regeneration								
Engine	EDC 7 C3 / C32, Electronic diesel control, injection rail								
Engine	EDC MS 6.1, Diesel in-line injection pump								
Engine	EDC MS5, Diesel in-line injection pump								
Retarder	EST 48, Retarder								
Retarder	EST-42, Retarder								
Safety	ACC, Adaptive Cruise Control								
Safety	AIRBAG, Airbag								
Safety	LGS, Laneguard system								
Suspension	ECAS CAN2, Electronically controlled suspension system								
Suspension	ECAS NFG, Electronically controlled suspension system								





Telematic

TBM, Telematic module



TGS [2007-...]

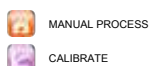


Antipollution	HDS/SCR AdBlue, Exhaust gas treatment system								
Gearbox	AS Tronic, Gearbox with electronic control								
Gearbox	AS Tronic, Gearbox parametrization								
HVAC (Heating, Ventilating and Air Conditioning)	BHTC, Climate control								
Central computer	FFR, Vehicle management computer								
Central computer	PTM, Powertrain module								
Central computer	ZBR, Body computer								
Brakes	EBS 5 CAN, Electronic Braking System								
Brakes	EBS 5, Electronic Braking System								
Instrument cluster	INS STON, Instrument cluster								
Instrument cluster	INS VDO, Instrument cluster								
Maintenance	Service, Maintenance								
Electronic module	DM TRW, Door module								
Engine	EDC 7 C3 / C32, Electronic diesel control, injection rail								
Retarder	EST-48, Retarder								
Suspension	ECAS CAN2 (CAN Bus), Electronically controlled suspension system								
Suspension	ECAS CAN2 (K line), Electronically controlled suspension system								

TGX [2007-...]



Antipollution	HDS/SCR AdBlue, Exhaust gas treatment system								
Heater	Airtronic D2/D4, Auxiliary heater								
Gearbox	AS Tronic, Gearbox with electronic control								
Gearbox	AS Tronic, Gearbox parametrization								
HVAC (Heating, Ventilating and Air Conditioning)	BHTC, Climate control								
Central computer	FFR, Vehicle management computer								
Central computer	PTM, Powertrain module								
Central computer	ZBR, Body computer								
Brakes	EBS 5 CAN, Electronic Braking System								
Brakes	EBS 5, Electronic Braking System								
Instrument cluster	INS STON, Instrument cluster								
Instrument cluster	INS VDO, Instrument cluster								
Maintenance	Service, Maintenance								
Electronic module	DM TRW, Door module								
Engine	EDC 7 C3 / C32, Electronic diesel control, injection rail								
Retarder	EST-48, Retarder								



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



MAN

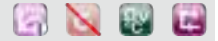
Suspension

ECAS CAN2 (CAN Bus), Electronically controlled suspension system



Suspension

ECAS CAN2 (K line), Electronically controlled suspension system





1938S/1944 Eletrônico

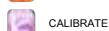
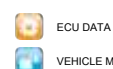
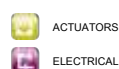
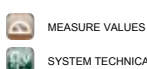
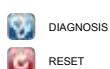
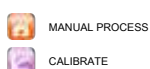
Central computer	FR, Electronic gear shift regulation								
Brakes	ABS, Antilock braking system								
Instrument cluster	INS, Instrument cluster								
Maintenance	WS, Maintenance system								
Electronic module	ZV, Central locking system								
Engine	FLA, Inlet air pre-heater system								
Engine	MR/PLD, Pump-Pipe-Injector with electronic diesel control								
Tachograph	MTCO, Tachograph								
Telematic	FFB, Radio communication commander								

ACCELO 7T

Engine	EDC 15 C, Electronic Diesel Control								
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Actros (WDB950.0 - 954.3)

Antitheft	EDW, Antitheft alarm system								
Gearbox	GS, Gear shift control								
HVAC (Heating, Ventilating and Air Conditioning)	HZR, Heater regulation								
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater								
Central computer	FR, Electronic gear shift regulation								
Brakes	ABS, Antilock braking system								
Brakes	BS, Braking system								
Instrument cluster	INS, Instrument cluster								
Maintenance	WS, Maintenance system								
Chassis module	PSM, Parameterizable special module								
Electronic module	ART, Tempomat, distance regulator								
Electronic module	SIL, Driver seat regulation								
Electronic module	SIN, Central seat regulation								
Electronic module	SIR, Passenger seat regulation								
Electronic module	ZV, Central locking system								
Engine	FLA, Inlet air pre-heater system								
Engine	MR, Pump-Pipe-Injector with electronic diesel control								
Retarder	RS, Retarder management								
Safety	SRS, Airbag								
Suspension	NR, Level regulation								
Tachograph	MTCO, Tachograph								
Telematic	FFB, Radio communication commander								



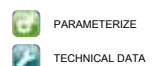
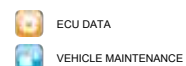
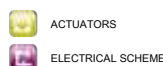
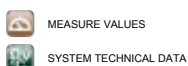
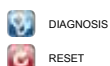
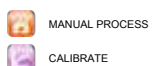


Actros 2,3 (WDB930.0 - 934.3)

Antipollution	SCR Bluetec, Exhaust gas treatment system								
Antitheft	EDW, Antitheft alarm system								
Gearbox	GS, Gear shift control								
Gearbox	HPS, Hydro-pneumatic module								
HVAC (Heating, Ventilating and Air Conditioning)	HZR, Heater regulation								
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater								
Central computer	FR, Electronic gear shift regulation								
Wheel pressure control	RDK, Tire pressure control								
Steering	EHZ, Electro-hydraulic auxiliary steering								
Brakes	BS, Braking system								
Instrument cluster	INS, Instrument cluster								
Maintenance	WS, Maintenance system								
Chassis module	PSM, Parameterizable special module								
Electronic module	ART, Tempomat, distance regulator								
Electronic module	BTS, Battery disconnecting switch								
Electronic module	FM, Control unit, front module								
Electronic module	GM, Basic module								
Electronic module	HM, Control unit, rear module								
Electronic module	KOM, Communication module								
Electronic module	MSF, Switches modular system								
Electronic module	TMB, Passenger door module								
Electronic module	TMF, Driver door module								
Electronic module	ZDS, Vehicle data central unit								
Engine	FLA, Inlet air pre-heater system								
Engine	MR, Pump-Pipe-Injector with electronic diesel control								
Retarder	RS, Retarder management								
Safety	SPA, Laneguard system								
Safety	SRS, Airbag								
Tachograph	TCO, Tachograph								

Atego 9BM958.0 - ISO

Central computer	FR, Electronic gear shift regulation								
Brakes	ABS, Antilock braking system								
Instrument cluster	INS, Instrument cluster								
Maintenance	WS, Maintenance system								
Electronic module	ZV, Central locking system								
Engine	FLA, Inlet air pre-heater system								
Engine	MR, Pump-Pipe-Injector with electronic diesel control								





Tachograph	MTCO, Tachograph					
Telematic	FFB, Radio communication commander					

Atego 9BM958.0 - OBD

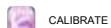
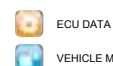
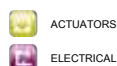
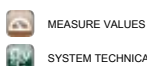
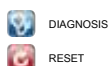
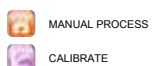
Central computer	FR, Electronic gear shift regulation							
Brakes	ABS, Antilock braking system							
Instrument cluster	INS, Instrument cluster							
Maintenance	WS, Maintenance system							
Electronic module	ZV, Central locking system							
Engine	FLA, Inlet air pre-heater system							
Engine	MR, Pump-Pipe-Injector with electronic diesel control							
Tachograph	TCO, Tachograph							
Telematic	FFB, Radio communication commander							

Atego NMB375.1

Central computer	FR, Electronic gear shift regulation							
Brakes	ABS, Antilock braking system							
Instrument cluster	INS, Instrument cluster							
Maintenance	WS, Maintenance system							
Engine	FLA, Inlet air pre-heater system							
Engine	MR, Pump-Pipe-Injector with electronic diesel control							
Tachograph	MTCO, Tachograph							

Atego WDB950.5 - 954.6

Antitheft	EDW, Antitheft alarm system							
Gearbox	GS, Gear shift control							
Gearbox	HPS, Hydro-pneumatic control							
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater							
Central computer	FR, Electronic gear shift regulation							
Steering	EHZ, Electro-hydraulic auxiliary steering							
Brakes	ABS, Antilock braking system							
Brakes	BS, Braking system							
Instrument cluster	INS, Instrument cluster							
Maintenance	WS, Maintenance system							
Chassis module	PSM, Parameterizable special module							
Electronic module	SIL, Driver seat regulation							
Electronic module	SIN, Central seat regulation							
Electronic module	SIR, Passenger seat regulation							
Electronic module	ZV, Central locking system							
Engine	FLA, Inlet air pre-heater system							





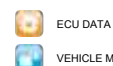
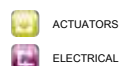
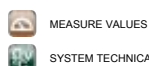
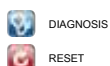
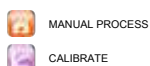
Engine	MR, Pump-Pipe-Injector with electronic diesel control	
Retarder	RS, Retarder management	
Safety	SRS, Airbag	
Suspension	NR, Level regulation	
Tachograph	MTCO, Tachograph	
Telematic	FFB, Radio communication commander	

Atego WDB970-976

Antitheft	EDW, Antitheft alarm system	
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater	
Central computer	FR, Electronic gear shift regulation	
Brakes	ABS, Antilock braking system	
Brakes	BS, Brake management system	
Instrument cluster	INS, Instrument cluster	
Maintenance	WS, Maintenance system	
Chassis module	PSM, Parameterizable special module	
Electronic module	SIL, Driver seat regulation	
Electronic module	SIN, Central seat regulation	
Electronic module	SIR, Passenger seat regulation	
Electronic module	ZV, Central locking system	
Engine	FLA, Inlet air pre-heater system	
Engine	MR, Pump-Pipe-Injector with electronic diesel control	
Safety	SRS, Airbag	
Suspension	NR, Level regulation	
Tachograph	MTCO, Tachograph	
Telematic	FFB, Radio communication commander	

Atego WDB970-976 OBD

Antipollution	SCR Bluetec, Exhaust gas treatment system	
Gearbox	HPS, Hydro-pneumatic control	
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater	
Central computer	FR, Electronic gear shift regulation	
Steering	EHZ, Electro-hydraulic auxiliary steering	
Brakes	ABS, Antilock braking system	
Brakes	BS, Braking system	
Instrument cluster	INS, Instrument cluster	
Maintenance	WS, Maintenance system	
Chassis module	PSM, Parameterizable special module	
Electronic module	ZV, Central locking system	





Engine	FLA, Inlet air pre-heater system									
Engine	MR, Pump-Pipe-Injector with electronic diesel control									
Safety	SRS, Airbag									
Suspension	NR, Level regulation									
Tachograph	TCO, Tachograph									
Telematic	FFB, Radio communication commander									

Atego WDF375.1 OBD

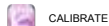
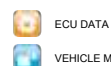
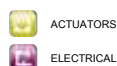
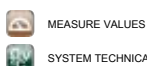
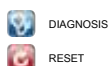
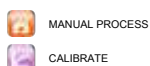
Antipollution	SCR Bluetec, Exhaust gas treatment system									
Central computer	FR, Electronic gear shift regulation									
Steering	EHZ, Electro-hydraulic auxiliary steering									
Brakes	ABS, Antilock braking system									
Brakes	BS, Braking system									
Instrument cluster	INS, Instrument cluster									
Chassis module	PSM, Parameterizable special module									
Electronic module	ZV, Central locking system									
Engine	FLA, Inlet air pre-heater system									
Engine	MR, Pump-Pipe-Injector with electronic diesel control									
Telematic	FFB, Radio communication commander									

Axor -C 9BM958.4 - OBD

Central computer	FR, Electronic gear shift regulation									
Brakes	ABS, Antilock braking system									
Instrument cluster	INS, Instrument cluster									
Maintenance	WS, Maintenance system									
Electronic module	ZV, Central locking system									
Engine	FLA, Inlet air pre-heater system									
Engine	MR, Pump-Pipe-Injector with electronic diesel control									
Retarder	RS, Retarder management									
Tachograph	TCO, Tachograph									
Telematic	FFB, Radio communication commander									

Axor -C WDB940 - 944

Antipollution	SCR Bluetec, Exhaust gas treatment system									
Gearbox	GS, Gear shift control									
Gearbox	HPS, Hydro-pneumatic control									
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater									
Central computer	FR, Electronic gear shift regulation									
Steering	EHZ, Electro-hydraulic auxiliary steering									
Brakes	ABS, Antilock braking system									





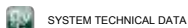
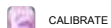
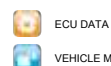
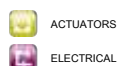
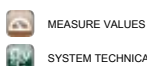
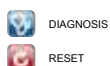
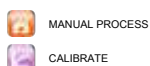
Brakes	BS, Braking system											
Brakes	CBU, Brake central unit											
Instrument cluster	INS, Instrument cluster											
Maintenance	WS, Maintenance system											
Chassis module	PSM, Parameterizable special module											
Electronic module	ZV, Central locking system											
Engine	FLA, Inlet air pre-heater system											
Engine	MR, Pump-Pipe-Injector with electronic diesel control											
Retarder	RS, Retarder management											
Safety	SRS, Airbag											
Suspension	NR, Level regulation											
Telematic	FFB, Radio communication commander											

Axor -C WDF940 - 944

Antipollution	SCR Bluetec, Exhaust gas treatment system											
Gearbox	GS, Gear shift control											
Gearbox	HPS, Hydro-pneumatic control											
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater											
Central computer	FR, Electronic gear shift regulation											
Steering	EHZ, Electro-hydraulic auxiliary steering											
Brakes	ABS, Antilock braking system											
Brakes	BS, Braking system											
Brakes	CBU, Brake central unit											
Instrument cluster	INS, Instrument cluster											
Maintenance	WS, Maintenance system											
Chassis module	PSM, Parameterizable special module											
Electronic module	ZV, Central locking system											
Engine	FLA, Inlet air pre-heater system											
Engine	MR, Pump-Pipe-Injector with electronic diesel control											
Retarder	RS, Retarder management											
Safety	SRS, Airbag											
Suspension	NR, Level regulation											
Tachograph	TCO, Tachograph											
Telematic	FFB, Radio communication commander											

Axor -CI WDF375.4

Gearbox	GS, Gear shift control											
Central computer	FR, Electronic gear shift regulation											
Steering	EHZ, Electro-hydraulic auxiliary steering											
Brakes	ABS, Antilock braking system											





Brakes	BS, Braking system							
Instrument cluster	INS, Instrument cluster							
Chassis module	PSM, Parameterizable special module							
Electronic module	ZV, Central locking system							
Engine	FLA, Inlet air pre-heater system							
Engine	MR, Pump-Pipe-Injector with electronic diesel control							
Retarder	RS, Retarder management							
Suspension	NR, Level regulation							
Telematic	FFB, Radio communication commander							

Axor NMB375.3

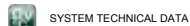
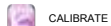
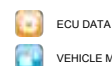
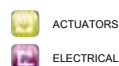
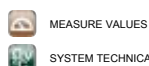
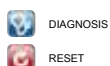
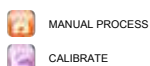
Central computer	FR, Electronic gear shift regulation							
Brakes	ABS, Antilock braking system							
Instrument cluster	INS, Instrument cluster							
Maintenance	WS, Maintenance system							
Engine	FLA, Inlet air pre-heater system							
Engine	MR, Pump-Pipe-Injector with electronic diesel control							
Suspension	NR, Level regulation							
Tachograph	MTCO, Tachograph							

Axor -R 9BM958.2 - ISO

Central computer	FR, Electronic gear shift regulation							
Brakes	ABS, Antilock braking system							
Instrument cluster	INS, Instrument cluster							
Maintenance	WS, Maintenance system							
Electronic module	ZV, Central locking system							
Engine	FLA, Inlet air pre-heater system							
Engine	MR, Pump-Pipe-Injector with electronic diesel control							
Retarder	RS, Retarder management							
Tachograph	MTCO, Tachograph							
Telematic	FFB, Radio communication commander							

Axor -R 9BM958.2 - OBD

Central computer	FR, Electronic gear shift regulation							
Brakes	ABS, Antilock braking system							
Instrument cluster	INS, Instrument cluster							
Maintenance	WS, Maintenance system							
Electronic module	ZV, Central locking system							
Engine	FLA, Inlet air pre-heater system							
Engine	MR, Pump-Pipe-Injector with electronic diesel control							
Retarder	RS, Retarder management							





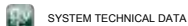
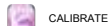
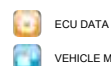
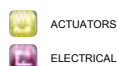
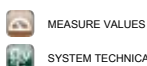
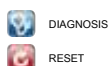
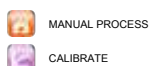
Tachograph	TCO, Tachograph				
Telematic	FFB, Radio communication commander				

Axor -R WDB950.5 - 954.6

Antipollution	SCR Bluetec, Exhaust gas treatment system						
Gearbox	GS, Gear shift control						
Gearbox	HPS, Hydro-pneumatic control						
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater						
Central computer	FR, Electronic gear shift regulation						
Steering	EHZ, Electro-hydraulic auxiliary steering						
Brakes	ABS, Antilock braking system						
Brakes	BS, Braking system						
Brakes	CBU, Brake central unit						
Instrument cluster	INS, Instrument cluster						
Maintenance	WS, Maintenance system						
Chassis module	PSM, Parameterizable special module						
Electronic module	ZV, Central locking system						
Engine	FLA, Inlet air pre-heater system						
Engine	MR, Pump-Pipe-Injector with electronic diesel control						
Retarder	RS, Retarder management						
Safety	SRS, Airbag						
Suspension	NR, Level regulation						
Telematic	FFB, Radio communication commander						

Axor -R WDF375.3

Antipollution	SCR Bluetec, Exhaust gas treatment system						
Gearbox	GS, Gear shift control						
Gearbox	HPS, Hydro-pneumatic control						
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater						
Central computer	FR, Electronic gear shift regulation						
Steering	EHZ, Electro-hydraulic auxiliary steering						
Brakes	ABS, Antilock braking system						
Brakes	BS, Braking system						
Instrument cluster	INS, Instrument cluster						
Maintenance	WS, Maintenance system						
Chassis module	PSM, Parameterizable special module						
Electronic module	ZV, Central locking system						
Engine	FLA, Inlet air pre-heater system						
Engine	MR, Pump-Pipe-Injector with electronic diesel control						





Suspension	NR, Level regulation												
Telematic	FFB, Radio communication commander												

Axor WDB940 - 944, WDF940 - 944

Antipollution	SCR Bluetec, Exhaust gas treatment system												
Gearbox	GS, Gear shift control												
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater												
Central computer	FR, Electronic gear shift regulation												
Brakes	ABS, Antilock braking system												
Brakes	BS, Braking system												
Instrument cluster	INS, Instrument cluster												
Maintenance	WS, Maintenance system												
Engine	FLA, Inlet air pre-heater system												
Engine	MR, Pump-Pipe-Injector with electronic diesel control												
Retarder	RS, Retarder management												
Safety	SRS, Airbag												
Suspension	NR, Level regulation												
Tachograph	MTCO, Tachograph												

Econic WDB957.6 - 957.7 (Circular)

Gearbox	GS, Gear shift control												
Gearbox	WTEC III Allison, Transmission												
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater												
Central computer	FR, Electronic gear shift regulation												
Brakes	ABS, Antilock braking system												
Brakes	BS, Braking system												
Instrument cluster	INS, Instrument cluster												
Maintenance	WS, Maintenance system												
Chassis module	PSM, Parameterizable special module												
Engine	FLA, Inlet air pre-heater system												
Engine	MR, Pump-Pipe-Injector with electronic diesel control												
Suspension	NR, Level regulation												
Tachograph	MTCO, Tachograph												

Econic WDB957.6 - 957.7 (OBD)

Antipollution	SCR Bluetec, Exhaust gas treatment system												
Gearbox	GS, Gear shift control												
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater												

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Central computer	FR, Electronic gear shift regulation												
Brakes	ABS, Antilock braking system												
Brakes	BS, Braking system												
Instrument cluster	INS, Instrument cluster												
Maintenance	WS, Maintenance system												
Chassis module	PSM, Parameterizable special module												
Engine	FLA, Inlet air pre-heater system												
Engine	MR, Pump-Pipe-Injector with electronic diesel control												
Suspension	NR, Level regulation												
Tachograph	TCO, Tachograph												

LK

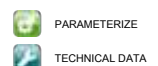
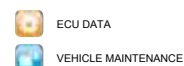
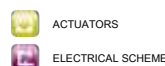
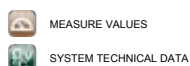
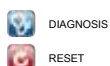
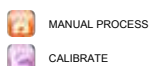
Gearbox	EPS, Gear shift control												
Central computer	FMR, Gear shift regulation system												
Brakes	ABS, Antilock braking system												
Brakes	ABS/ASR C, Antilock braking system												
Electronic module	GBL, Speed limiter												
Engine	EDC, Pump-Pipe-Injector with electronic diesel control												
Suspension	ECAS 4x2, Electronically controlled suspension system												
Suspension	ECAS 6x2, Electronically controlled suspension system												
Suspension	ENR, Level regulation												

MK

Gearbox	EPS, Gear shift control												
Central computer	FMR, Gear shift regulation system												
Brakes	ABS, Antilock braking system												
Brakes	ABS/ASR C, Antilock braking system												
Electronic module	GBL, Speed limiter												
Engine	EDC, Pump-Pipe-Injector with electronic diesel control												
Suspension	ECAS 4x2, Electronically controlled suspension system												
Suspension	ECAS 6x2, Electronically controlled suspension system												
Suspension	ENR, Level regulation												

SK

Gearbox	EPS, Gear shift control												
Central computer	FMR, Gear shift regulation system												
Brakes	ABS, Antilock braking system												
Brakes	ABS/ASR C, Antilock braking system												
Electronic module	GBL, Speed limiter												
Engine	EDC, Pump-Pipe-Injector with electronic diesel control												
Suspension	ECAS 4x2, Electronically controlled suspension system												





Suspension	ECAS 6x2, Electronically controlled suspension system									
Suspension	ENR, Level regulation									

U 20

Gearbox	GS, Gear shift control									
Central computer	FR, Electronic gear shift regulation									
Brakes	ABS, Antilock braking system									
Instrument cluster	INS, Instrument cluster									
Chassis module	PSM, Parameterizable special module									
Electronic module	SIL, Driver seat regulation									
Electronic module	SIR, Passenger seat regulation									
Engine	MR, Pump-Pipe-Injector with electronic diesel control									
Tachograph	MTCO, Tachograph									

U 300

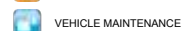
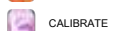
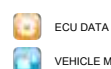
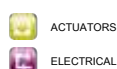
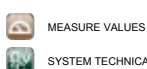
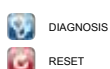
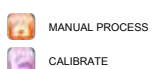
Gearbox	GS, Gear shift control									
Central computer	FR, Electronic gear shift regulation									
Brakes	ABS, Antilock braking system									
Instrument cluster	INS, Instrument cluster									
Chassis module	PSM, Parameterizable special module									
Electronic module	SIL, Driver seat regulation									
Electronic module	SIR, Passenger seat regulation									
Engine	MR, Pump-Pipe-Injector with electronic diesel control									
Tachograph	MTCO, Tachograph									

U 3000

Gearbox	GS, Gear shift control									
Central computer	FR, Electronic gear shift regulation									
Brakes	ABS, Antilock braking system									
Instrument cluster	INS, Instrument cluster									
Chassis module	PSM, Parameterizable special module									
Electronic module	SIL, Driver seat regulation									
Electronic module	SIR, Passenger seat regulation									
Engine	MR, Pump-Pipe-Injector with electronic diesel control									
Tachograph	TCO, Tachograph									

U 400

Gearbox	GS, Gear shift control									
Central computer	FR, Electronic gear shift regulation									
Brakes	ABS, Antilock braking system									
Instrument cluster	INS, Instrument cluster									





Chassis module	PSM, Parameterizable special module						
Electronic module	SIL, Driver seat regulation						
Electronic module	SIR, Passenger seat regulation						
Engine	MR, Pump-Pipe-Injector with electronic diesel control						
Tachograph	MTCO, Tachograph						

U 4000

Gearbox	GS, Gear shift control						
Central computer	FR, Electronic gear shift regulation						
Brakes	ABS, Antilock braking system						
Instrument cluster	INS, Instrument cluster						
Chassis module	PSM, Parameterizable special module						
Electronic module	SIL, Driver seat regulation						
Electronic module	SIR, Passenger seat regulation						
Engine	MR, Pump-Pipe-Injector with electronic diesel control						
Tachograph	TCO, Tachograph						

U 500

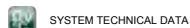
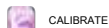
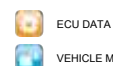
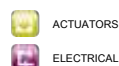
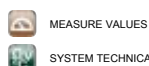
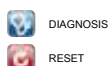
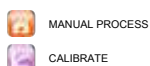
Gearbox	GS, Gear shift control						
Central computer	FR, Electronic gear shift regulation						
Brakes	ABS, Antilock braking system						
Instrument cluster	INS, Instrument cluster						
Chassis module	PSM, Parameterizable special module						
Electronic module	SIL, Driver seat regulation						
Electronic module	SIR, Passenger seat regulation						
Engine	MR, Pump-Pipe-Injector with electronic diesel control						
Tachograph	MTCO, Tachograph						

U 5000

Gearbox	GS, Gear shift control						
Central computer	FR, Electronic gear shift regulation						
Brakes	ABS, Antilock braking system						
Instrument cluster	INS, Instrument cluster						
Chassis module	PSM, Parameterizable special module						
Electronic module	SIL, Driver seat regulation						
Electronic module	SIR, Passenger seat regulation						
Engine	MR, Pump-Pipe-Injector with electronic diesel control						
Tachograph	TCO, Tachograph						

U20 (OBD)

Gearbox	GS, Gear shift control						
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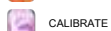
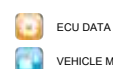
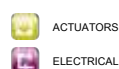
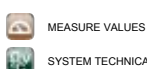
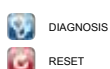
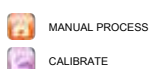
Central computer	FR, Electronic gear shift regulation												
Brakes	ABS, Antilock braking system												
Instrument cluster	INS, Instrument cluster												
Chassis module	PSM, Parameterizable special module												
Electronic module	SIL, Driver seat regulation												
Electronic module	SIR, Passenger seat regulation												
Engine	MR, Pump-Pipe-Injector with electronic diesel control												
Tachograph	TCO, Tachograph												

VARIO [2006-...]

Central computer	FR, Electronic gear shift regulation												
Brakes	ABS, Antilock braking system												
Engine	MR, Pump-Pipe-Injector with electronic diesel control												

Zetros

Gearbox	HPS, Hydro-pneumatic control												
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater												
Central computer	FR, Electronic gear shift regulation												
Steering	EHZ, Electro-hydraulic auxiliary steering												
Brakes	ABS, Antilock braking system												
Brakes	BS, Braking system												
Instrument cluster	INS A, Instrument cluster												
Instrument cluster	INS B, Instrument cluster												
Maintenance	WS, Maintenance system												
Chassis module	PSM, Parameterizable special module												
Electronic module	ZV, Central locking system												
Engine	FLA, Inlet air pre-heater system												
Engine	MR A, Pump-Pipe-Injector with electronic diesel control												
Engine	MR B, Pump-Pipe-Injector with electronic diesel control												
Safety	SRS, Airbag												
Suspension	NR, Level regulation												
Tachograph	TCO, Tachograph												
Telematic	FFB, Radio communication commander												





ATLEON

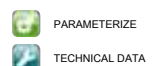
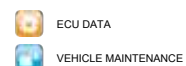
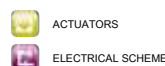
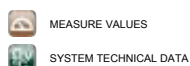
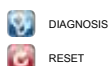
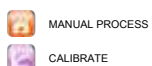


Brakes	ABS Haldex DGX, Antilock braking system									
Brakes	ABS/ASR D Wabco, Antilock braking system									
Brakes	ABS/ASR E Wabco, Antilock braking system									
Brakes	HABS, Anti-lock hydraulic braking system									
Engine	EDC (Engine ZD30, YD25), Engine electronic control system									
Engine	EDC Euro4/5 Cummins CM850 SAE J1708, Engine control system									
Engine	EDC Euro4/5 Cummins SAE J1708, Engine control system									
Engine	EDC Euro4/5 Cummins SAE J1939, Engine control system									
Engine	EDC VP 30/44 Variant1, Distributor diesel injection pump									
Engine	EDC VP 30/44 Variant2, Distributor diesel injection pump									
Engine	VE EDC, Axial piston diesel injection pump									
ABS Trailer	ABS Haldex Modular, Antilock braking system									

CABSTAR



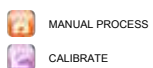
Brakes	HABS, Anti-lock hydraulic braking system									
Engine	EDC (Engine ZD30, YD25), Engine electronic control system									
Engine	EDC VP 30/44 Variant1, Distributor diesel injection pump									
Engine	EDC VP 30/44 Variant2, Distributor diesel injection pump									



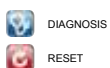


OBD

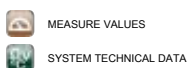
Antipollution	EOBD / OBD, Standard protocol diagnosis						
Antipollution	HD-OBD EDC, Standard protocol diagnosis						
Antipollution	HD-OBD EEC, Standard protocol diagnosis						



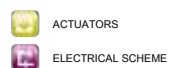
MANUAL PROCESS



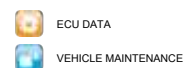
DIAGNOSIS



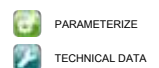
MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



210 [2008-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

220 [2008-...]

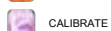
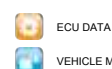
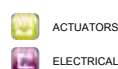
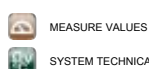
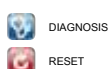
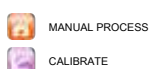
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

320

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

330 [1995-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				





335 [2005-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

340 [2007-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

357 [...-2007]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

365 [2008-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

367 [2008-...]

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

378 [...-2007]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

379 [...-2007]

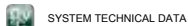
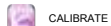
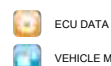
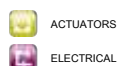
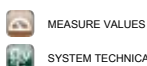
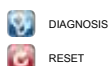
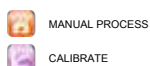
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

384 [2008-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

385 [1996-2007]

Gearbox	TCM, Transmission				
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HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

386 [2006-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

387 [2000-...]

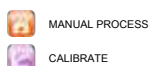
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

388 [2008-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

389 [2008-...]

Gearbox	TCM, Transmission				
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MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



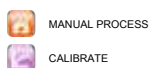
TECHNICAL DATA



HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					

587

Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC J1708 Standard, Engine control system					



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



G

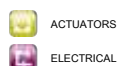
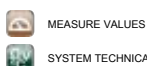
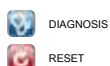
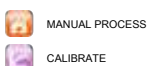
Brakes	ABS/ASR C2, Antilock braking system									
Retarder	RETARDER VOITH, Retarder									
Suspension	ECAS 001, Electronically controlled suspension system									
Suspension	ECAS 020/027, Electronically controlled suspension system									

KERAX

Central computer	VECU EURO 2, Vehicle Electronic Control Unit									
Central computer	VECU EURO 3, Vehicle Electronic Control Unit									
Brakes	ABS 24/EU12, Antilock braking system									
Brakes	ABS I8, Antilock braking system									
Brakes	ABS/ASR C, Antilock braking system									
Brakes	ABS/ASR D, Antilock braking system									
Brakes	ABS/ASR E, Antilock braking system									
Brakes	EBS, Electronic Braking System									
Instrument cluster	INS Euro 3, Instrument cluster									
Engine	DCI EURO 2, Diesel injection control, injection rail									
Engine	DCI EURO 3, Diesel injection control, injection rail									
Engine	ITC, Injection timing electronic control									
Retarder	ZF Intarder, Retarder									
Suspension	ECAS 001, Electronically controlled suspension system									
Suspension	ECAS 020/027, Electronically controlled suspension system									
Suspension	ECAS 044/403, Electronically controlled suspension system									
Suspension	ECAS 303/304/311/312, Electronically controlled suspension system									

KERAX DXi

Antipollution	ADS/SCR AdBlue, Exhaust gas treatment system									
Antitheft	ACU, Alarm									
Antitheft	ICU, Immobilizer Control Unit									
Gearbox	GECU, Gearbox lever									
Gearbox	TECU Allison SAE J1939, 1000/2000 Series, Gearbox management system									
Gearbox	TECU Allison SAE J1939, 3000/4000 Series, Gearbox management system									
Gearbox	TECU, Transmission Electronic Control Unit									
Central computer	VECU, Vehicle Electronic Control Unit									
Wheel pressure control	TPM, Tire Pressure Monitoring System									
Steering	ESA, Electronically-controlled steering axle									
Brakes	ABS, Antilock braking system									
Brakes	EBS Gen 2, Electronic Braking System									





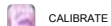
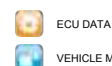
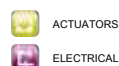
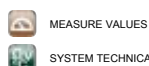
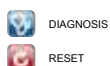
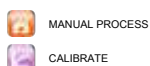
Brakes	EBS Gen 3, Electronic Braking System									
Brakes	EBS5, Electronic Braking System									
Compressed air processing	APM, Compressed air production management									
Lighting	FCU, Light Control Unit									
Instrument cluster	IC04, Instrument cluster 04									
Chassis module	BBM, Bodywork Module									
Electronic module	FMS, Fleet management system									
Electronic module	RAL, Renault communication system									
Engine	EMS Euro 3, Engine management system									
Engine	EMS Euro 4/5, Engine management system									
Radio	Audio, Radio									
Retarder	SAE J1708 Retarder, Retarder									
Retarder	ZF Retarder, Retarder									
Suspension	ECS, Electronically controlled suspension system									
Tachograph	TCO, Tachograph									

MAGNUM

Gearbox	AS Tronic, Gearbox with electronic control									
Gearbox	AS Tronic, Gearbox parametrization									
Central computer	VECU EURO 2, Vehicle Electronic Control Unit									
Central computer	VECU EURO 3, Vehicle Electronic Control Unit									
Brakes	ABS 24/EU12, Antilock braking system									
Brakes	ABS I8, Antilock braking system									
Brakes	ABS/ASR C2, Antilock braking system									
Brakes	EBS, Electronic Braking System									
Instrument cluster	INS Euro 3, Instrument cluster									
Engine	E-TECH EURO 2, Pump-Pipe-Injector with electronic diesel control									
Engine	E-TECH EURO 3, Pump-Pipe-Injector with electronic diesel control									
Engine	VMAC, Diesel in-line injection pump									
Retarder	RETARDER VOITH, Retarder									
Retarder	ZF Intarder, Retarder									
Suspension	ECAS 001, Electronically controlled suspension system									
Suspension	ECAS 020/027, Electronically controlled suspension system									
Suspension	ECAS 044/403, Electronically controlled suspension system									
Suspension	ECAS 303/304/311/312, Electronically controlled suspension system									

MAGNUM DXi

Antipollution	ADS/SCR AdBlue, Exhaust gas treatment system									
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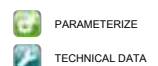
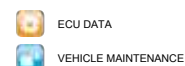
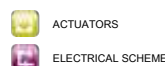
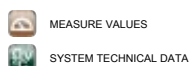
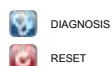
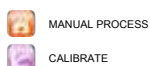
Antitheft	ACU, Alarm												
Antitheft	ICU, Immobilizer Control Unit												
Gearbox	GECU, Gearbox lever												
Gearbox	TECU, Transmission Electronic Control Unit												
Central computer	VECU, Vehicle Electronic Control Unit												
Wheel pressure control	TPM, Tire Pressure Monitoring System												
Steering	ESA, Electronically-controlled steering axle												
Brakes	ABS, Antilock braking system												
Brakes	EBS Gen 2, Electronic Braking System												
Brakes	EBS Gen 3, Electronic Braking System												
Brakes	EBS5, Electronic Braking System												
Compressed air processing	APM, Compressed air production management												
Lighting	FCU, Light Control Unit												
Instrument cluster	IC04, Instrument cluster 04												
Chassis module	BBM, Bodywork Module												
Electronic module	FMS, Fleet management system												
Electronic module	RAL, Renault communication system												
Engine	EMS Euro 3, Engine management system												
Engine	EMS Euro 4/5, Engine management system												
Radio	Audio, Radio												
Retarder	SAE J1708 Retarder, Retarder												
Retarder	ZF Retarder, Retarder												
Suspension	ECS, Electronically controlled suspension system												
Tachograph	TCO, Tachograph												

MAXITY

Central computer	BCM, "Compartment control" Central Unit (Command control module)												
Central computer	IPDM, "Compartment control" Central Unit (Power control module)												
Brakes	HABS, Anti-lock hydraulic braking system												
Instrument cluster	ME06, Instrument cluster - display												
Engine	EDC/ECCS YD25, Engine electronic control system												
Engine	EDC/ECCS ZD30, Engine electronic control system												

MIDLUM

Central computer	VECU EURO 2, Vehicle Electronic Control Unit												
Central computer	VECU EURO 3, Vehicle Electronic Control Unit												
Brakes	ABS 24/EU12, Antilock braking system												
Brakes	ABS I8, Antilock braking system												
Brakes	ABS/ASR C, Antilock braking system												
Brakes	ABS/ASR D, Antilock braking system												

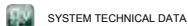
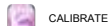
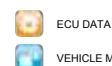
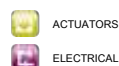
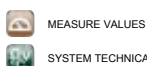
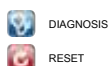
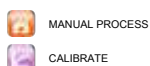




Brakes	ABS/ASR E, Antilock braking system									
Brakes	EBS, Electronic Braking System									
Instrument cluster	INS Euro 3, Instrument cluster									
Engine	DCI EURO 2, Diesel injection control, injection rail									
Engine	DCI EURO 3, Diesel injection control, injection rail									
Engine	ITC, Injection timing electronic control									
Retarder	ZF Intarder, Retarder									
Suspension	ECAS 001, Electronically controlled suspension system									
Suspension	ECAS 020/027, Electronically controlled suspension system									
Suspension	ECAS 044/403, Electronically controlled suspension system									
Suspension	ECAS 303/304/311/312, Electronically controlled suspension system									

MIDLUM DXi

Antipollution	ADS/SCR AdBlue, Exhaust gas treatment system									
Antitheft	ACU, Alarm									
Antitheft	ICU, Immobilizer Control Unit									
Gearbox	GECU, Gearbox lever									
Gearbox	TECU Allison SAE J1939, 1000/2000 Series, Gearbox management system									
Gearbox	TECU Allison SAE J1939, 3000/4000 Series, Gearbox management system									
Gearbox	TECU, Transmission Electronic Control Unit									
Central computer	VECU, Vehicle Electronic Control Unit									
Wheel pressure control	TPM, Tire Pressure Monitoring System									
Steering	ESA, Electronically-controlled steering axle									
Brakes	ABS, Antilock braking system									
Brakes	EBS Gen 2, Electronic Braking System									
Brakes	EBS Gen 3, Electronic Braking System									
Brakes	EBS5, Electronic Braking System									
Compressed air processing	APM, Compressed air production management									
Lighting	FCU, Light Control Unit									
Instrument cluster	IC04, Instrument cluster 04									
Chassis module	BBM, Bodywork Module									
Electronic module	FMS, Fleet management system									
Electronic module	RAL, Renault communication system									
Engine	EMS Euro 3, Engine management system									
Engine	EMS Euro 4/5, Engine management system									
Radio	Audio, Radio									
Retarder	SAE J1708 Retarder, Retarder									
Retarder	ZF Retarder, Retarder									





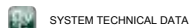
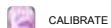
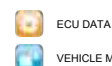
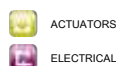
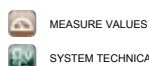
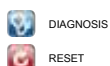
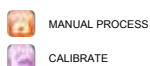
Suspension	ECS, Electronically controlled suspension system									
Tachograph	TCO, Tachograph									

PREMIUM

Gearbox	AS Tronic, Gearbox with electronic control									
Gearbox	AS Tronic, Gearbox parametrization									
Central computer	VECU EURO 2, Vehicle Electronic Control Unit									
Central computer	VECU EURO 3, Vehicle Electronic Control Unit									
Brakes	ABS 24/EU12, Antilock braking system									
Brakes	ABS I8, Antilock braking system									
Brakes	ABS/ASR C, Antilock braking system									
Brakes	ABS/ASR D, Antilock braking system									
Brakes	ABS/ASR E, Antilock braking system									
Brakes	EBS, Electronic Braking System									
Instrument cluster	INS Euro 3, Instrument cluster									
Engine	DCI EURO 2, Diesel injection control, injection rail									
Engine	DCI EURO 3, Diesel injection control, injection rail									
Engine	ITC, Injection timing electronic control									
Retarder	ZF Intarder, Retarder									
Suspension	ECAS 001, Electronically controlled suspension system									
Suspension	ECAS 020/027, Electronically controlled suspension system									
Suspension	ECAS 044/403, Electronically controlled suspension system									
Suspension	ECAS 303/304/311/312, Electronically controlled suspension system									

PREMIUM DXi

Antipollution	ADS/SCR AdBlue, Exhaust gas treatment system									
Antitheft	ACU, Alarm									
Antitheft	ICU, Immobilizer Control Unit									
Gearbox	GECU, Gearbox lever									
Gearbox	TECU Allison SAE J1939, 1000/2000 Series, Gearbox management system									
Gearbox	TECU Allison SAE J1939, 3000/4000 Series, Gearbox management system									
Gearbox	TECU, Transmission Electronic Control Unit									
Central computer	VECU, Vehicle Electronic Control Unit									
Wheel pressure control	TPM, Tire Pressure Monitoring System									
Steering	ESA, Electronically-controlled steering axle									
Brakes	ABS, Antilock braking system									
Brakes	EBS Gen 2, Electronic Braking System									
Brakes	EBS Gen 3, Electronic Braking System									
Brakes	EBS5, Electronic Braking System									

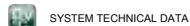
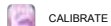
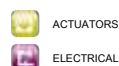
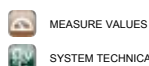
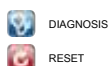
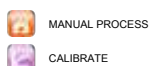




Compressed air processing	APM, Compressed air production management							
Lighting	FCU, Light Control Unit							
Instrument cluster	IC04, Instrument cluster 04							
Chassis module	BBM, Bodywork Module							
Electronic module	FMS, Fleet management system							
Electronic module	RAL, Renault communication system							
Engine	EMS Euro 3, Engine management system							
Engine	EMS Euro 4/5, Engine management system							
Radio	Audio, Radio							
Retarder	SAE J1708 Retarder, Retarder							
Retarder	ZF Retarder, Retarder							
Suspension	ECS, Electronically controlled suspension system							
Tachograph	TCO, Tachograph							

PREMIUM DXi Lander

Antipollution	ADS/SCR AdBlue, Exhaust gas treatment system						
Antitheft	ACU, Alarm						
Antitheft	ICU, Immobilizer Control Unit						
Gearbox	GECU, Gearbox lever						
Gearbox	TECU Allison SAE J1939, 1000/2000 Series, Gearbox management system						
Gearbox	TECU Allison SAE J1939, 3000/4000 Series, Gearbox management system						
Gearbox	TECU, Transmission Electronic Control Unit						
Central computer	VECU, Vehicle Electronic Control Unit						
Wheel pressure control	TPM, Tire Pressure Monitoring System						
Steering	ESA, Electronically-controlled steering axle						
Brakes	ABS, Antilock braking system						
Brakes	EBS Gen 2, Electronic Braking System						
Brakes	EBS Gen 3, Electronic Braking System						
Brakes	EBS5, Electronic Braking System						
Compressed air processing	APM, Compressed air production management						
Lighting	FCU, Light Control Unit						
Instrument cluster	IC04, Instrument cluster 04						
Chassis module	BBM, Bodywork Module						
Electronic module	FMS, Fleet management system						
Electronic module	RAL, Renault communication system						
Engine	EMS Euro 3, Engine management system						
Engine	EMS Euro 4/5, Engine management system						
Radio	Audio, Radio						
Retarder	SAE J1708 Retarder, Retarder						

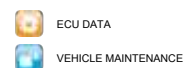
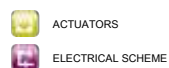
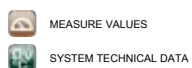
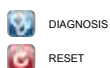
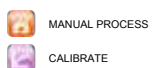




Retarder	ZF Retarder, Retarder									
Suspension	ECS, Electronically controlled suspension system									
Tachograph	TCO, Tachograph									

R

Brakes	ABS/ASR C2, Antilock braking system										
Engine	ITC, Injection timing electronic control										
Retarder	RETARDER VOITH, Retarder										
Suspension	ECAS 001, Electronically controlled suspension system										
Suspension	ECAS 020/027, Electronically controlled suspension system										



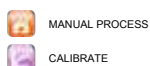


SAE J1587

Antitheft	MID 163, Vehicle Security			
Antitheft	MID 214 ACM (Alarm Control Module), Alarm			
Gearbox	MID 130 TCM, Transmission			
HVAC (Heating, Ventilating and Air Conditioning)	MID 146 A/C, Climate control			
HVAC (Heating, Ventilating and Air Conditioning)	MID 200 HVAC, Climate Control System			
Central computer	MID 142 CC, Body computer			
Central computer	MID 144 VCM, Vehicle Electronic Control Unit			
Wheel pressure control	MID 166 TPMS, Tire Pressure Monitoring System			
Steering	MID 184, Electronically-controlled steering axle			
Steering	MID 250, Steering Column Unit			
Brakes	MID 136 ABS, Brake management system			
Compressed air processing	MID 185, Compressed air production management			
Lighting	MID 216 LCM, Light Control Unit			
Instrument cluster	MID 140 INS, Info Instrumentation			
Instrument cluster	MID 171, Driver Information Center			
Chassis module	MID 249 BCM, Bodywork Module			
Electronic module	MID 165, Engine gateway			
Electronic module	MID 203, Fleet management system			
Electronic module	MID 213, DYNAFLEET			
Engine	MID 128 ECM, Engine control system			
Multiplex	MID 164 Multiplex, Instrument cluster			
Radio	MID 206 Audio, Radio			
Retarder	MID 222 RET, Retarder			
Safety	MID 219 CAS, Collision avoidance system			
Safety	MID 232 AIRBAG, Airbag			
Shift Selector	MID 223 GCM, Gearbox lever			
Suspension	MID 150 ECS, Electronically controlled suspension system			
Tachograph	TCO, Tachograph			
Telematic	MID 181 Satellite Communication, Satellite communication			
Telematic	MID 231, Telephone			
ABS Trailer	MID 137 ABS SAE, Antilock braking system			

SAE J1708

Antitheft	MID 163, Vehicle Security			
Antitheft	MID 214 ACM (Alarm Control Module), Alarm			
Gearbox	MID 130 TCM, Transmission			



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



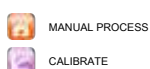
TECHNICAL DATA



SAE STANDARD



HVAC (Heating, Ventilating and Air Conditioning)	MID 146 A/C, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	MID 200 HVAC, Climate Control System					
Central computer	MID 142 CC, Body computer					
Central computer	MID 144 VCM, Vehicle Electronic Control Unit					
Wheel pressure control	MID 166 TPMS, Tire Pressure Monitoring System					
Steering	MID 184, Electronically-controlled steering axle					
Steering	MID 250, Steering Column Unit					
Expansion Module	MID 170, Electrical					
Expansion Module	MID 178, Vehicle Sensors to Data Converter					
Expansion Module	MID 187, Vehicle Control Head Unit, Vehicle Electronic Control Unit					
Expansion Module	MID 188, Vehicle Logic Control Unit, Vehicle Electronic Control Unit					
Expansion Module	MID 240, Passenger Counter Unit					
Brakes	MID 136 ABS, Braking system					
Brakes	MID 136 EBS, Brake management system					
Compressed air processing	MID 185, Compressed air production management					
Lighting	MID 216 LCM, Light Control Unit					
Instrument cluster	MID 140 INS, Info Instrumentation					
Instrument cluster	MID 171, Driver Information Center					
Instrument cluster	MID 234 Display, Instrument cluster - display					
Chassis module	MID 249 BCM, Bodywork Module					
Electronic module	MID 165, Engine gateway					
Electronic module	MID 203, Fleet management system					
Electronic module	MID 213, DYNAFLEET					
Engine	MID 128 ECM, Engine control system					
Multiplex	MID 164 Multiplex, Instrument cluster					
Radio	MID 206 Audio, Radio					
Data record	MID 179, Data Logging Unit (On-Board Data Logger)					
Retarder	MID 222 RET, Retarder					
Safety	MID 219 CAS, Collision avoidance system					
Safety	MID 232 AIRBAG, Airbag					
Shift Selector	MID 223 GCM, Gearbox lever					
Suspension	MID 150 ECS, Electronically controlled suspension system					
Tachograph	TCO, Tachograph					
Telematic	MID 181 Satellite Communication, Satellite communication					
Telematic	MID 231, Telephone					
ABS Trailer	MID 137 ABS SAE, Antilock braking system					



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



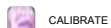
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE

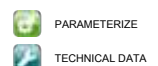
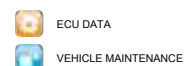
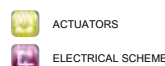
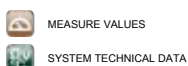
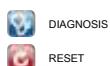
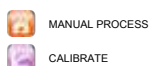


TECHNICAL DATA



SAE J1939

Antipollution	SCR AdBlue SAE J1939, Exhaust gas treatment system			
Gearbox	Transmission TCM SAE J1939, Transmission			
HVAC (Heating, Ventilating and Air Conditioning)	HVAC SAE J1939, Heating, Ventilation, Air Conditioning			
Wheel pressure control	TPMS SAE J1939, Tire Pressure Monitoring System			
Brakes	ABS/EBS/ESP SAE J1939, Braking system			
Instrument cluster	INS SAE J1939, Info Instrumentation			
Instrument cluster	VID (Vehicle Information Display) SAE J1939, Instrument cluster - display			
Chassis module	Chassis Module SAE J1939, Chassis Interface Module			
Electronic module	MC SAE J1939, Vehicle management computer			
Engine	EDC/ECM SAE J1939, Engine control system			
Multiplex	Central Computer SAE J1939, Body computer			
Data record	DLU SAE J1939, Data Logging Unit (On-Board Data Logger)			
Retarder	Retarder SAE J1939, Retarder			
Safety	Cruise Control SAE J1939, Adaptative Cruise Control			
Safety	Headway Controller SAE J1939, Collision avoidance system			
Shift Selector	Shift Console Primary, Gearbox lever			
Suspension	Suspension SAE J1939, Electronically controlled suspension system			
Telematic	Cellular SAE J1939, Telephone			
Telematic	Module NV SAE J1939, Browser			





113



Brakes	ABS C2/C3, Antilock braking system												
Brakes	ABS I8, Antilock braking system												
Brakes	ABS P4, Antilock braking system												
Retarder	Retarder, Retarder												
Suspension	BUS ECAS, Electronically controlled suspension system												

114

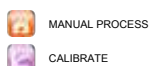


Gearbox	Opticruise, Gearbox with electronic control												
Central computer	COO, Coordinator												
Brakes	ABS CP12 (Gamma 3E), Antilock braking system												
Brakes	ABS D, Antilock braking system												
Brakes	ABS I8, Antilock braking system												
Brakes	EBS 2.0, Electronic Braking System												
Brakes	EBS 2.1, Electronic Braking System												
Brakes	EBS 2.2, Electronic Braking System												
Engine	EDC MS 6.2, Engine management system, pump-injectors												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC S6 HPI, High pressure injection system												
Retarder	RETARDER, Retarder												
Suspension	ELC 4x2, Electronically controlled suspension system												
Suspension	ELC gen 2, Electronically controlled suspension system												
Suspension	ELC gen 2.1, Electronically controlled suspension system												

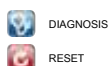
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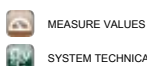
Gearbox	Opticruise, Gearbox with electronic control												
Central computer	COO, Coordinator												
Brakes	ABS CP12 (Gamma 3E), Antilock braking system												
Brakes	ABS D, Antilock braking system												
Brakes	ABS I8, Antilock braking system												
Brakes	EBS 2.0, Electronic Braking System												
Brakes	EBS 2.1, Electronic Braking System												
Brakes	EBS 2.2, Electronic Braking System												
Engine	EDC MS 6.2, Engine management system, pump-injectors												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC S6 HPI, High pressure injection system												
Retarder	RETARDER, Retarder												
Suspension	ELC 4x2, Electronically controlled suspension system												
Suspension	ELC gen 2, Electronically controlled suspension system												
Suspension	ELC gen 2.1, Electronically controlled suspension system												



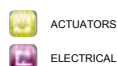
MANUAL PROCESS



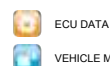
DIAGNOSIS



MEASURE VALUES



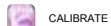
ACTUATORS



ECU DATA



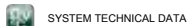
PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



143



Brakes	ABS C2/C3, Antilock braking system												
Brakes	ABS I8, Antilock braking system												
Brakes	ABS P4, Antilock braking system												
Retarder	Retarder, Retarder												

144

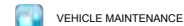
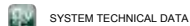
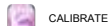
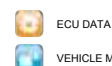
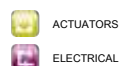
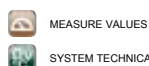
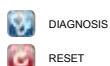
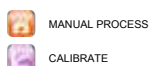


Gearbox	Opticruise, Gearbox with electronic control												
Central computer	COO, Coordinator												
Brakes	ABS CP12 (Gamma 3E), Antilock braking system												
Brakes	ABS D, Antilock braking system												
Brakes	ABS I8, Antilock braking system												
Brakes	EBS 2.0, Electronic Braking System												
Brakes	EBS 2.1, Electronic Braking System												
Brakes	EBS 2.2, Electronic Braking System												
Engine	EDC MS 6.2, Engine management system, pump-injectors												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC S6 HPI, High pressure injection system												
Retarder	RETARDER, Retarder												
Suspension	ELC 4x2, Electronically controlled suspension system												
Suspension	ELC gen 2, Electronically controlled suspension system												
Suspension	ELC gen 2.1, Electronically controlled suspension system												

164



Gearbox	Opticruise, Gearbox with electronic control												
Central computer	COO, Coordinator												
Brakes	ABS CP12 (Gamma 3E), Antilock braking system												
Brakes	ABS D, Antilock braking system												
Brakes	ABS I8, Antilock braking system												
Brakes	EBS 2.0, Electronic Braking System												
Brakes	EBS 2.1, Electronic Braking System												
Brakes	EBS 2.2, Electronic Braking System												
Engine	EDC MS 6.2, Engine management system, pump-injectors												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC S6 HPI, High pressure injection system												
Retarder	RETARDER, Retarder												
Suspension	ELC 4x2, Electronically controlled suspension system												
Suspension	ELC gen 2, Electronically controlled suspension system												
Suspension	ELC gen 2.1, Electronically controlled suspension system												





93

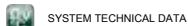
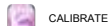
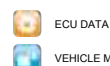
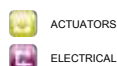
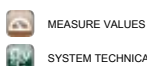
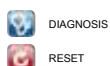
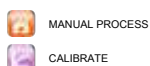
Brakes	ABS C2/C3, Antilock braking system	
Brakes	ABS I8, Antilock braking system	
Brakes	ABS P4, Antilock braking system	
Retarder	Retarder, Retarder	

94

Gearbox	Opticruise, Gearbox with electronic control	
Central computer	COO, Coordinator	
Brakes	ABS CP12 (Gamma 3E), Antilock braking system	
Brakes	ABS D, Antilock braking system	
Brakes	ABS I8, Antilock braking system	
Brakes	EBS 2.0, Electronic Braking System	
Brakes	EBS 2.1, Electronic Braking System	
Brakes	EBS 2.2, Electronic Braking System	
Engine	EDC MS 6.2, Engine management system, pump-injectors	
Engine	EDC MS5, Diesel in-line injection pump	
Engine	EDC S6 HPI, High pressure injection system	
Retarder	RETARDER, Retarder	
Suspension	ELC 4x2, Electronically controlled suspension system	
Suspension	ELC gen 2, Electronically controlled suspension system	
Suspension	ELC gen 2.1, Electronically controlled suspension system	

G 230

Antitheft	LAS, Locking and alarm system	
Gearbox	GMS, Gearbox management system	
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air	
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system	
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System	
Central computer	COO, Coordinator	
Brakes	BMS, Brake management system	
Compressed air processing	APS, Compressed air supply	
Lighting	VIS, Visibility system	
Instrument cluster	ICL, Instrument cluster	
Chassis module	BWS, Bodywork management system	
Electronic module	AWD, Four-wheel Drive	
Engine	EMS PDE, Engine management system, pump-injectors	





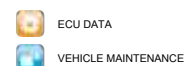
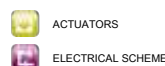
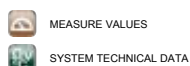
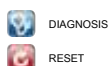
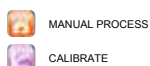
Engine	EMS XPI, High pressure injection system, injection rail		
Radio	AUS, Audio system		
Retarder	RET, Retarder		
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

G 270

Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System		
Central computer	COO, Coordinator		
Brakes	BMS, Brake management system		
Compressed air processing	APS, Compressed air supply		
Lighting	VIS, Visibility system		
Instrument cluster	ICL, Instrument cluster		
Chassis module	BWS, Bodywork management system		
Electronic module	AWD, Four-wheel Drive		
Engine	EMS PDE, Engine management system, pump-injectors		
Radio	AUS, Audio system		
Retarder	RET, Retarder		
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

G 280

Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		

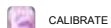
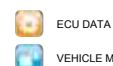
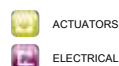
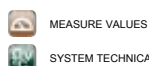
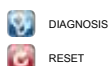
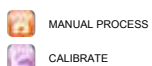




HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System								
Central computer	COO, Coordinator								
Brakes	BMS, Brake management system								
Compressed air processing	APS, Compressed air supply								
Lighting	VIS, Visibility system								
Instrument cluster	ICL, Instrument cluster								
Chassis module	BWS, Bodywork management system								
Electronic module	AWD, Four-wheel Drive								
Engine	EMS XPI, High pressure injection system, injection rail								
Radio	AUS, Audio system								
Retarder	RET, Retarder								
Safety	CSS, Collision safety system								
Suspension	SMS, Suspension management system								
Tachograph	TCO, Tachograph								
Telematic	RTI, Road transport information								

G 310

Antitheft	LAS, Locking and alarm system								
Gearbox	GMS, Gearbox management system								
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air								
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system								
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System								
Central computer	COO, Coordinator								
Brakes	BMS, Brake management system								
Compressed air processing	APS, Compressed air supply								
Lighting	VIS, Visibility system								
Instrument cluster	ICL, Instrument cluster								
Chassis module	BWS, Bodywork management system								
Electronic module	AWD, Four-wheel Drive								
Engine	EMS PDE, Engine management system, pump-injectors								
Radio	AUS, Audio system								
Retarder	RET, Retarder								
Safety	CSS, Collision safety system								
Suspension	SMS, Suspension management system								
Tachograph	TCO, Tachograph								
Telematic	RTI, Road transport information								





G 320

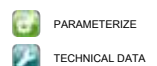
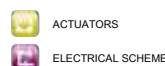
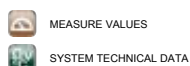
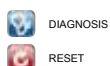
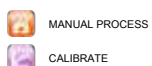


Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System		
Central computer	COO, Coordinator		
Brakes	BMS, Brake management system		
Compressed air processing	APS, Compressed air supply		
Lighting	VIS, Visibility system		
Instrument cluster	ICL, Instrument cluster		
Chassis module	BWS, Bodywork management system		
Electronic module	AWD, Four-wheel Drive		
Engine	EMS XPI, High pressure injection system, injection rail		
Radio	AUS, Audio system		
Retarder	RET, Retarder		
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

G 340



Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System		
Central computer	COO, Coordinator		
Brakes	BMS, Brake management system		
Compressed air processing	APS, Compressed air supply		
Lighting	VIS, Visibility system		
Instrument cluster	ICL, Instrument cluster		
Chassis module	BWS, Bodywork management system		





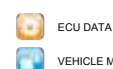
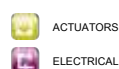
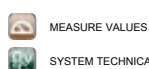
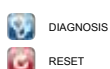
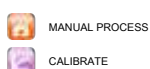
Electronic module	AWD, Four-wheel Drive		
Engine	EMS PDE, Engine management system, pump-injectors		
Radio	AUS, Audio system		
Retarder	RET, Retarder		
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

G 360

Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System		
Central computer	COO, Coordinator		
Brakes	BMS, Brake management system		
Compressed air processing	APS, Compressed air supply		
Lighting	VIS, Visibility system		
Instrument cluster	ICL, Instrument cluster		
Chassis module	BWS, Bodywork management system		
Electronic module	AWD, Four-wheel Drive		
Engine	EMS XPI, High pressure injection system, injection rail		
Radio	AUS, Audio system		
Retarder	RET, Retarder		
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

G 380

Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		

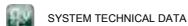
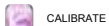
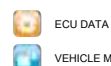
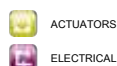
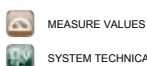
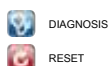
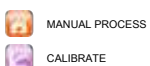




HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System								
Central computer	COO, Coordinator								
Brakes	BMS, Brake management system								
Compressed air processing	APS, Compressed air supply								
Lighting	VIS, Visibility system								
Instrument cluster	ICL, Instrument cluster								
Chassis module	BWS, Bodywork management system								
Electronic module	AWD, Four-wheel Drive								
Engine	EMS HPI, High pressure injection system								
Engine	EMS PDE, Engine management system, pump-injectors								
Radio	AUS, Audio system								
Retarder	RET, Retarder								
Safety	CSS, Collision safety system								
Suspension	SMS, Suspension management system								
Tachograph	TCO, Tachograph								
Telematic	RTI, Road transport information								

G 400

Antitheft	LAS, Locking and alarm system								
Gearbox	GMS, Gearbox management system								
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air								
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system								
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System								
Central computer	COO, Coordinator								
Brakes	BMS, Brake management system								
Compressed air processing	APS, Compressed air supply								
Lighting	VIS, Visibility system								
Instrument cluster	ICL, Instrument cluster								
Chassis module	BWS, Bodywork management system								
Electronic module	AWD, Four-wheel Drive								
Engine	EMS HPI, High pressure injection system								
Radio	AUS, Audio system								
Retarder	RET, Retarder								
Safety	CSS, Collision safety system								
Suspension	SMS, Suspension management system								
Tachograph	TCO, Tachograph								





Telematic

RTI, Road transport information



G 420

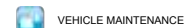
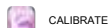
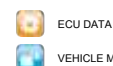
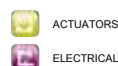
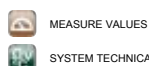
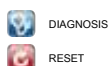
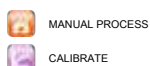


Antipollution	EEC, SCR AdBlue, Exhaust gas treatment system		
Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System		
Central computer	COO, Coordinator		
Brakes	BMS, Brake management system		
Compressed air processing	APS, Compressed air supply		
Lighting	VIS, Visibility system		
Instrument cluster	ICL, Instrument cluster		
Chassis module	BWS, Bodywork management system		
Electronic module	AWD, Four-wheel Drive		
Engine	EMS HPI, High pressure injection system		
Radio	AUS, Audio system		
Retarder	RET, Retarder		
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

G 440



Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System		
Central computer	COO, Coordinator		
Brakes	BMS, Brake management system		
Compressed air processing	APS, Compressed air supply		
Lighting	VIS, Visibility system		





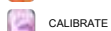
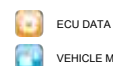
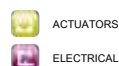
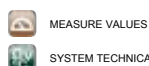
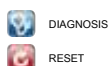
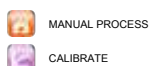
Instrument cluster	ICL, Instrument cluster							
Chassis module	BWS, Bodywork management system							
Electronic module	AWD, Four-wheel Drive							
Engine	EMS XPI, High pressure injection system, injection rail							
Radio	AUS, Audio system							
Retarder	RET, Retarder							
Safety	CSS, Collision safety system							
Suspension	SMS, Suspension management system							
Tachograph	TCO, Tachograph							
Telematic	RTI, Road transport information							

G 470

Antitheft	LAS, Locking and alarm system							
Gearbox	GMS, Gearbox management system							
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air							
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system							
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System							
Central computer	COO, Coordinator							
Brakes	BMS, Brake management system							
Compressed air processing	APS, Compressed air supply							
Lighting	VIS, Visibility system							
Instrument cluster	ICL, Instrument cluster							
Chassis module	BWS, Bodywork management system							
Electronic module	AWD, Four-wheel Drive							
Engine	EMS HPI, High pressure injection system							
Radio	AUS, Audio system							
Retarder	RET, Retarder							
Safety	CSS, Collision safety system							
Suspension	SMS, Suspension management system							
Tachograph	TCO, Tachograph							
Telematic	RTI, Road transport information							

G 480

Antitheft	LAS, Locking and alarm system							
Gearbox	GMS, Gearbox management system							
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air							

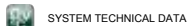
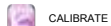
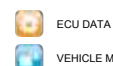
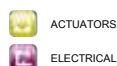
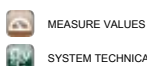
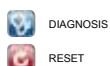
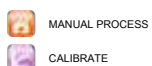




HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system							
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System							
Central computer	COO, Coordinator							
Brakes	BMS, Brake management system							
Compressed air processing	APS, Compressed air supply							
Lighting	VIS, Visibility system							
Instrument cluster	ICL, Instrument cluster							
Chassis module	BWS, Bodywork management system							
Electronic module	AWD, Four-wheel Drive							
Engine	EMS HPI, High pressure injection system							
Engine	EMS XPI, High pressure injection system, injection rail							
Radio	AUS, Audio system							
Retarder	RET, Retarder							
Safety	CSS, Collision safety system							
Suspension	SMS, Suspension management system							
Tachograph	TCO, Tachograph							
Telematic	RTI, Road transport information							

P 230

Antitheft	LAS, Locking and alarm system							
Gearbox	GMS, Gearbox management system							
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air							
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system							
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System							
Central computer	COO, Coordinator							
Brakes	BMS ABS, Brake management system							
Brakes	BMS EBS, Brake management system							
Compressed air processing	APS, Compressed air supply							
Lighting	VIS, Visibility system							
Instrument cluster	ICL, Instrument cluster							
Chassis module	BWS, Bodywork management system							
Electronic module	AWD, Four-wheel Drive							
Engine	EMS PDE, Engine management system, pump-injectors							
Engine	EMS XPI, High pressure injection system, injection rail							
Radio	AUS, Audio system							





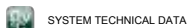
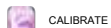
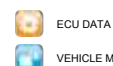
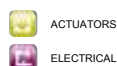
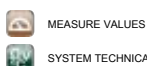
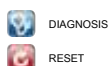
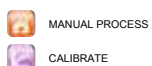
Retarder	RET, Retarder								
Safety	CSS, Collision safety system								
Suspension	SMS, Suspension management system								
Tachograph	TCO, Tachograph								
Telematic	RTI, Road transport information								

P 270

Antitheft	LAS, Locking and alarm system								
Gearbox	GMS, Gearbox management system								
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air								
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system								
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System								
Central computer	COO, Coordinator								
Brakes	BMS ABS, Brake management system								
Brakes	BMS EBS, Brake management system								
Compressed air processing	APS, Compressed air supply								
Lighting	VIS, Visibility system								
Instrument cluster	ICL, Instrument cluster								
Chassis module	BWS, Bodywork management system								
Electronic module	AWD, Four-wheel Drive								
Engine	EMS PDE, Engine management system, pump-injectors								
Radio	AUS, Audio system								
Retarder	RET, Retarder								
Safety	CSS, Collision safety system								
Suspension	SMS, Suspension management system								
Tachograph	TCO, Tachograph								
Telematic	RTI, Road transport information								

P 280

Antitheft	LAS, Locking and alarm system								
Gearbox	GMS, Gearbox management system								
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air								
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system								
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System								

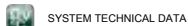
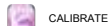
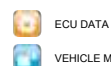
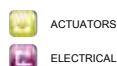
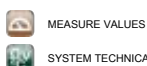
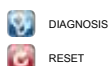
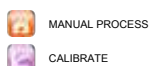




Central computer	COO, Coordinator							
Brakes	BMS ABS, Brake management system							
Brakes	BMS EBS, Brake management system							
Compressed air processing	APS, Compressed air supply							
Lighting	VIS, Visibility system							
Instrument cluster	ICL, Instrument cluster							
Chassis module	BWS, Bodywork management system							
Electronic module	AWD, Four-wheel Drive							
Engine	EMS XPI, High pressure injection system, injection rail							
Radio	AUS, Audio system							
Retarder	RET, Retarder							
Safety	CSS, Collision safety system							
Suspension	SMS, Suspension management system							
Tachograph	TCO, Tachograph							
Telematic	RTI, Road transport information							

P 310

Antitheft	LAS, Locking and alarm system							
Gearbox	GMS, Gearbox management system							
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air							
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system							
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System							
Central computer	COO, Coordinator							
Brakes	BMS ABS, Brake management system							
Brakes	BMS EBS, Brake management system							
Compressed air processing	APS, Compressed air supply							
Lighting	VIS, Visibility system							
Instrument cluster	ICL, Instrument cluster							
Chassis module	BWS, Bodywork management system							
Electronic module	AWD, Four-wheel Drive							
Engine	EMS PDE, Engine management system, pump-injectors							
Radio	AUS, Audio system							
Retarder	RET, Retarder							
Safety	CSS, Collision safety system							
Suspension	SMS, Suspension management system							
Tachograph	TCO, Tachograph							
Telematic	RTI, Road transport information							





P 320

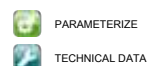
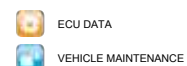
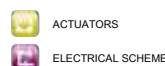
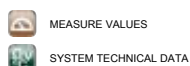
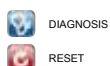
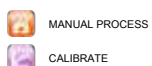


Antitheft	LAS, Locking and alarm system			
Gearbox	GMS, Gearbox management system			
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air			
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system			
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System			
Central computer	COO, Coordinator			
Brakes	BMS ABS, Brake management system			
Brakes	BMS EBS, Brake management system			
Compressed air processing	APS, Compressed air supply			
Lighting	VIS, Visibility system			
Instrument cluster	ICL, Instrument cluster			
Chassis module	BWS, Bodywork management system			
Electronic module	AWD, Four-wheel Drive			
Engine	EMS XPI, High pressure injection system, injection rail			
Engine	EMS, Engine management system, pump-injectors			
Radio	AUS, Audio system			
Retarder	RET, Retarder			
Safety	CSS, Collision safety system			
Suspension	SMS, Suspension management system			
Tachograph	TCO, Tachograph			
Telematic	RTI, Road transport information			

P 340



Antitheft	LAS, Locking and alarm system			
Gearbox	GMS, Gearbox management system			
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air			
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system			
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System			
Central computer	COO, Coordinator			
Brakes	BMS ABS, Brake management system			
Brakes	BMS EBS, Brake management system			
Compressed air processing	APS, Compressed air supply			





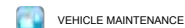
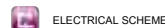
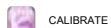
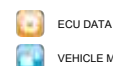
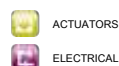
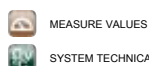
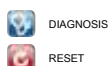
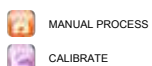
Lighting	VIS, Visibility system		
Instrument cluster	ICL, Instrument cluster		
Chassis module	BWS, Bodywork management system		
Electronic module	AWD, Four-wheel Drive		
Engine	EMS PDE, Engine management system, pump-injectors		
Radio	AUS, Audio system		
Retarder	RET, Retarder		
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

P 360

Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System		
Central computer	COO, Coordinator		
Brakes	BMS ABS, Brake management system		
Brakes	BMS EBS, Brake management system		
Compressed air processing	APS, Compressed air supply		
Lighting	VIS, Visibility system		
Instrument cluster	ICL, Instrument cluster		
Chassis module	BWS, Bodywork management system		
Electronic module	AWD, Four-wheel Drive		
Engine	EMS XPI, High pressure injection system, injection rail		
Radio	AUS, Audio system		
Retarder	RET, Retarder		
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

P 380

Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		



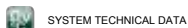
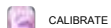
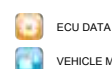
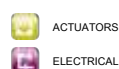
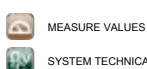
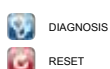
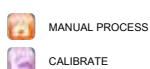


HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air							
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system							
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System							
Central computer	COO, Coordinator							
Brakes	BMS ABS, Brake management system							
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Instrument cluster	ICL, Instrument cluster							
Chassis module	BWS, Bodywork management system							
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Engine	EMS HPI, High pressure injection system							
Engine	EMS PDE, Engine management system, pump-injectors							
Radio	AUS, Audio system							
Retarder	RET, Retarder							
Safety	CSS, Collision safety system							
Suspension	SMS, Suspension management system							
Tachograph	TCO, Tachograph							
Telematic	RTI, Road transport information							

P 400



Antitheft	LAS, Locking and alarm system							
Gearbox	GMS, Gearbox management system							
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air							
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system							
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System							
Central computer	COO, Coordinator							
Brakes	BMS ABS, Brake management system							
Brakes	BMS EBS, Brake management system							
Compressed air processing	APS, Compressed air supply							
Lighting	VIS, Visibility system							
Instrument cluster	ICL, Instrument cluster							
Chassis module	BWS, Bodywork management system							
Electronic module	AWD, Four-wheel Drive							





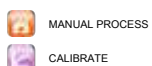
Engine	EMS XPI, High pressure injection system, injection rail		
Radio	AUS, Audio system		
Retarder	RET, Retarder		
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

P 420

Antipollution	EEC, SCR AdBlue, Exhaust gas treatment system		
Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System		
Central computer	COO, Coordinator		
Brakes	BMS ABS, Brake management system		
Brakes	BMS EBS, Brake management system		
Compressed air processing	APS, Compressed air supply		
Lighting	VIS, Visibility system		
Instrument cluster	ICL, Instrument cluster		
Chassis module	BWS, Bodywork management system		
Electronic module	AWD, Four-wheel Drive		
Engine	EMS HPI, High pressure injection system		
Engine	EMS PDE, Engine management system, pump-injectors		
Radio	AUS, Audio system		
Retarder	RET, Retarder		
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

R 230

Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



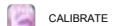
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



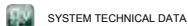
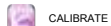
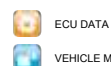
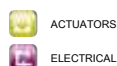
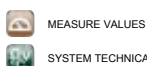
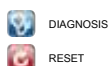
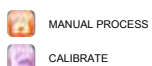
TECHNICAL DATA



HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system								
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System								
Central computer	COO, Coordinator								
Brakes	BMS, Brake management system								
Compressed air processing	APS, Compressed air supply								
Lighting	VIS, Visibility system								
Instrument cluster	ICL, Instrument cluster								
Chassis module	BWS, Bodywork management system								
Electronic module	AWD, Four-wheel Drive								
Electronic module	FMS, Fleet management system								
Engine	EMS PDE, Engine management system, pump-injectors								
Radio	AUS, Audio system								
Retarder	RET, Retarder								
Safety	CSS, Collision safety system								
Suspension	SMS, Suspension management system								
Tachograph	TCO, Tachograph								
Telematic	RTI, Road transport information								

R 270

Antitheft	LAS, Locking and alarm system								
Gearbox	GMS, Gearbox management system								
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air								
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system								
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System								
Central computer	COO, Coordinator								
Brakes	BMS, Brake management system								
Compressed air processing	APS, Compressed air supply								
Lighting	VIS, Visibility system								
Instrument cluster	ICL, Instrument cluster								
Chassis module	BWS, Bodywork management system								
Electronic module	AWD, Four-wheel Drive								
Electronic module	FMS, Fleet management system								
Engine	EMS PDE, Engine management system, pump-injectors								
Radio	AUS, Audio system								
Retarder	RET, Retarder								





Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

R 310

Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System		
Central computer	COO, Coordinator		
Brakes	BMS, Brake management system		
Compressed air processing	APS, Compressed air supply		
Lighting	VIS, Visibility system		
Instrument cluster	ICL, Instrument cluster		
Chassis module	BWS, Bodywork management system		
Electronic module	AWD, Four-wheel Drive		
Electronic module	FMS, Fleet management system		
Engine	EMS PDE, Engine management system, pump-injectors		
Radio	AUS, Audio system		
Retarder	RET, Retarder		
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

R 340

Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System		
Central computer	COO, Coordinator		

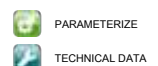
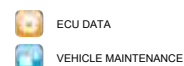
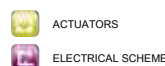
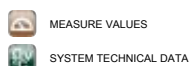
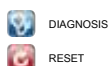
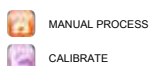
MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Brakes	BMS, Brake management system	
Compressed air processing	APS, Compressed air supply	
Lighting	VIS, Visibility system	
Instrument cluster	ICL, Instrument cluster	
Chassis module	BWS, Bodywork management system	
Electronic module	AWD, Four-wheel Drive	
Electronic module	FMS, Fleet management system	
Engine	EMS PDE, Engine management system, pump-injectors	
Radio	AUS, Audio system	
Retarder	RET, Retarder	
Safety	CSS, Collision safety system	
Suspension	SMS, Suspension management system	
Tachograph	TCO, Tachograph	
Telematic	RTI, Road transport information	

R 360

Antitheft	LAS, Locking and alarm system	
Gearbox	GMS, Gearbox management system	
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air	
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system	
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System	
Central computer	COO, Coordinator	
Brakes	BMS, Brake management system	
Compressed air processing	APS, Compressed air supply	
Lighting	VIS, Visibility system	
Instrument cluster	ICL, Instrument cluster	
Chassis module	BWS, Bodywork management system	
Electronic module	AWD, Four-wheel Drive	
Electronic module	FMS, Fleet management system	
Engine	EMS XPI, High pressure injection system, injection rail	
Radio	AUS, Audio system	
Retarder	RET, Retarder	
Safety	CSS, Collision safety system	
Suspension	SMS, Suspension management system	
Tachograph	TCO, Tachograph	
Telematic	RTI, Road transport information	





R 380

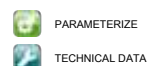
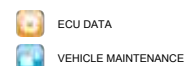
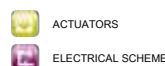
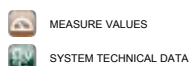
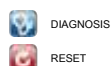
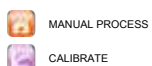


Antitheft	LAS, Locking and alarm system								
Gearbox	GMS, Gearbox management system								
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air								
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system								
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System								
Central computer	COO, Coordinator								
Brakes	BMS, Brake management system								
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Radio	AUS, Audio system								
Retarder	RET, Retarder								
Safety	CSS, Collision safety system								
Suspension	SMS, Suspension management system								
Tachograph	TCO, Tachograph								
Telematic	RTI, Road transport information								

R 400



Antitheft	LAS, Locking and alarm system								
Gearbox	GMS, Gearbox management system								
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air								
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system								
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System								
Central computer	COO, Coordinator								
Brakes	BMS, Brake management system								
Compressed air processing	APS, Compressed air supply								
Lighting	VIS, Visibility system								
Instrument cluster	ICL, Instrument cluster								





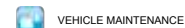
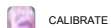
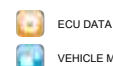
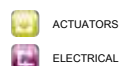
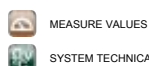
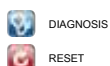
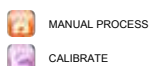
Chassis module	BWS, Bodywork management system								
Electronic module	AWD, Four-wheel Drive								
Electronic module	FMS, Fleet management system								
Engine	EMS XPI, High pressure injection system, injection rail								
Radio	AUS, Audio system								
Retarder	RET, Retarder								
Safety	CSS, Collision safety system								
Suspension	SMS, Suspension management system								
Tachograph	TCO, Tachograph								
Telematic	RTI, Road transport information								

R 420

Antipollution	EEC, SCR AdBlue, Exhaust gas treatment system								
Antitheft	LAS, Locking and alarm system								
Gearbox	GMS, Gearbox management system								
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air								
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system								
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System								
Central computer	COO, Coordinator								
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Engine	EMS PDE, Engine management system, pump-injectors								
Radio	AUS, Audio system								
Retarder	RET, Retarder								
Safety	CSS, Collision safety system								
Suspension	SMS, Suspension management system								
Tachograph	TCO, Tachograph								
Telematic	RTI, Road transport information								

R 440

Antitheft	LAS, Locking and alarm system								
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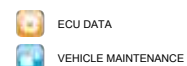
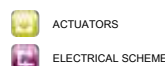
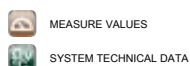
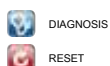
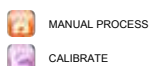


Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System		
Central computer	COO, Coordinator		
Brakes	BMS, Brake management system		
Compressed air processing	APS, Compressed air supply		
Lighting	VIS, Visibility system		
Instrument cluster	ICL, Instrument cluster		
Chassis module	BWS, Bodywork management system		
Electronic module	AWD, Four-wheel Drive		
Electronic module	FMS, Fleet management system		
Engine	EMS XPI, High pressure injection system, injection rail		
Radio	AUS, Audio system		
Retarder	RET, Retarder		
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

R 470



Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System		
Central computer	COO, Coordinator		
Brakes	BMS, Brake management system		
Compressed air processing	APS, Compressed air supply		
Lighting	VIS, Visibility system		
Instrument cluster	ICL, Instrument cluster		
Chassis module	BWS, Bodywork management system		
Electronic module	AWD, Four-wheel Drive		
Electronic module	FMS, Fleet management system		





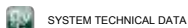
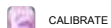
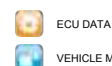
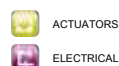
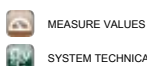
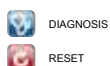
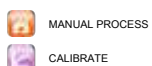
Engine	EMS HPI, High pressure injection system		
Radio	AUS, Audio system		
Retarder	RET, Retarder		
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

R 480

Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System		
Central computer	COO, Coordinator		
Brakes	BMS, Brake management system		
Compressed air processing	APS, Compressed air supply		
Lighting	VIS, Visibility system		
Instrument cluster	ICL, Instrument cluster		
Chassis module	BWS, Bodywork management system		
Electronic module	AWD, Four-wheel Drive		
Electronic module	FMS, Fleet management system		
Engine	EMS HPI, High pressure injection system		
Engine	EMS XPI, High pressure injection system, injection rail		
Radio	AUS, Audio system		
Retarder	RET, Retarder		
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

R 500

Antipollution	EEC, SCR AdBlue, Exhaust gas treatment system		
Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		

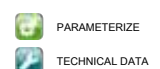
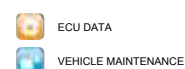
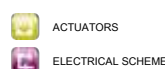
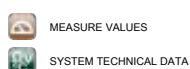
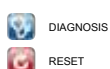
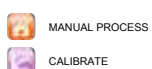




HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system								
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System								
Central computer	COO, Coordinator								
Brakes	BMS, Brake management system								
Compressed air processing	APS, Compressed air supply								
Lighting	VIS, Visibility system								
Instrument cluster	ICL, Instrument cluster								
Chassis module	BWS, Bodywork management system								
Electronic module	AWD, Four-wheel Drive								
Electronic module	FMS, Fleet management system								
Engine	EMS PDE, Engine management system, pump-injectors								
Radio	AUS, Audio system								
Retarder	RET, Retarder								
Safety	CSS, Collision safety system								
Suspension	SMS, Suspension management system								
Tachograph	TCO, Tachograph								
Telematic	RTI, Road transport information								

R 560

Antipollution	EEC, SCR AdBlue, Exhaust gas treatment system								
Antitheft	LAS, Locking and alarm system								
Gearbox	GMS, Gearbox management system								
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air								
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system								
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System								
Central computer	COO, Coordinator								
Brakes	BMS, Brake management system								
Compressed air processing	APS, Compressed air supply								
Lighting	VIS, Visibility system								
Instrument cluster	ICL, Instrument cluster								
Chassis module	BWS, Bodywork management system								
Electronic module	AWD, Four-wheel Drive								
Electronic module	FMS, Fleet management system								
Engine	EMS PDE, Engine management system, pump-injectors								
Radio	AUS, Audio system								





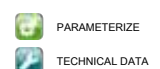
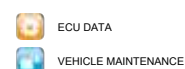
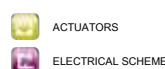
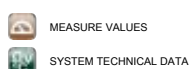
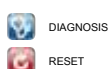
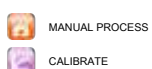
Retarder	RET, Retarder		
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

R 580

Antipollution	EEC, SCR AdBlue, Exhaust gas treatment system		
Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System		
Central computer	COO, Coordinator		
Brakes	BMS, Brake management system		
Compressed air processing	APS, Compressed air supply		
Lighting	VIS, Visibility system		
Instrument cluster	ICL, Instrument cluster		
Chassis module	BWS, Bodywork management system		
Electronic module	AWD, Four-wheel Drive		
Electronic module	FMS, Fleet management system		
Engine	EMS PDE, Engine management system, pump-injectors		
Radio	AUS, Audio system		
Retarder	RET, Retarder		
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

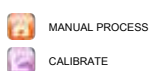
R 620

Antipollution	EEC, SCR AdBlue, Exhaust gas treatment system		
Antitheft	LAS, Locking and alarm system		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		

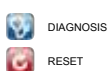




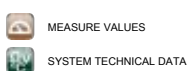
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System						
Central computer	COO, Coordinator						
Brakes	BMS, Brake management system						
Compressed air processing	APS, Compressed air supply						
Lighting	VIS, Visibility system						
Instrument cluster	ICL, Instrument cluster						
Chassis module	BWS, Bodywork management system						
Electronic module	AWD, Four-wheel Drive						
Electronic module	FMS, Fleet management system						
Engine	EMS PDE, Engine management system, pump-injectors						
Radio	AUS, Audio system						
Retarder	RET, Retarder						
Safety	CSS, Collision safety system						
Suspension	SMS, Suspension management system						
Tachograph	TCO, Tachograph						
Telematic	RTI, Road transport information						



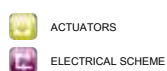
MANUAL PROCESS



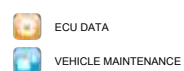
DIAGNOSIS



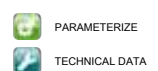
MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



Euromover

Brakes	ABS C3, Antilock braking system												
Engine	EDC MS6.2, Engine management system, pump-injectors												
Suspension	ECAS 4x2, Electronically controlled suspension system												
Suspension	ECAS 6x2, Electronically controlled suspension system												
Suspension	ECAS KWP, Electronically controlled suspension system												

M5 Pacer

Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Engine	EDC 7, Electronic diesel control, injection rail												

M6 Pacer

Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Engine	EDC MS6.2, Engine management system, pump-injectors												

R5 Strato

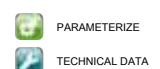
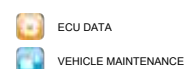
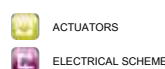
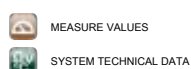
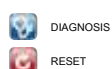
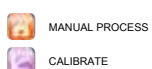
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Engine	EDC 7, Electronic diesel control, injection rail												

R6 Strato

Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Engine	EDC MS6.2, Engine management system, pump-injectors												

T6 Strato

Gearbox	Eurotronic 2, Gearbox with electronic control												
Gearbox	Eurotronic 2, Gearbox parametrization												
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Engine	EDC MS6.2, Engine management system, pump-injectors												

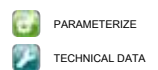
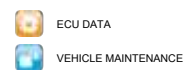
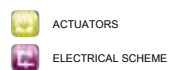
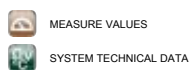
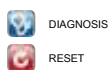
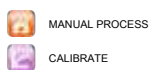




SX

Brakes

ABS D, Antilock braking system





Acterra [2001-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Condor [2001-...]

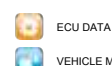
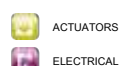
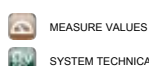
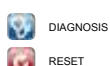
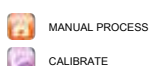
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

SC8000 [1999-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

SCT8000 [1999-2000]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				





Set-Back A-Series [1999-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Set-Back L-Series [1999-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

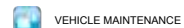
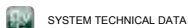
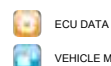
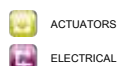
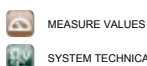
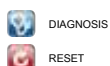
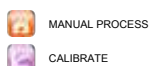
Set-Forward L-Series [1999-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

Silverstar Series - ST9500 [1999-2003]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

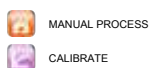
Sterling 360



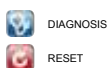


STERLING

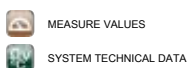
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				



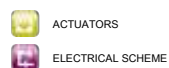
MANUAL PROCESS



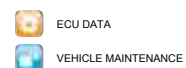
DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



Allison

Gearbox	1000, 2000, 2400 Series, Transmission												
Gearbox	1000/2000 Series (4th gen) SAE J1939, Gearbox management system												
Gearbox	1000/2000 Series (4th gen), Transmission												
Gearbox	3000/4000 Series (4th gen) SAE J1939, Gearbox management system												
Gearbox	3000/4000 Series (4th gen), Transmission												
Gearbox	WTEC II, Transmission												
Gearbox	WTEC III 3000, 4000 Series, Transmission												

Bendix

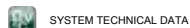
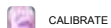
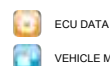
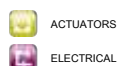
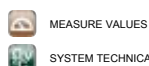
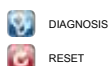
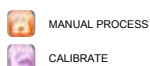
Brakes	ABS 2X, Antilock braking system												
Brakes	ABS U1X, Antilock braking system												
Brakes	EC-17, Antilock braking system												
Brakes	EC-30, Antilock braking system												
Brakes	EC-60, Antilock braking system												

Caterpillar

Engine	ECM 3126, Engine control system												
Engine	ECM 3176, Engine control system												
Engine	ECM 3406, Engine control system												
Engine	ECM C-10, Engine control system												
Engine	ECM C-12, Engine control system												
Engine	ECM C-13, Engine Control System												
Engine	ECM C-15, Engine control system												
Engine	ECM C-16, Engine control system												
Engine	ECM C-7, Engine control system												

Cummins

Engine	Celect Plus, Engine control system												
Engine	Celect, Engine control system												
Engine	Centry, Engine control system												
Engine	ISB 6.7 CM2250, Engine control system												
Engine	ISB CM2150D SAE J1939, Engine control system												
Engine	ISB CM2150E SAE J1939, Engine control system												
Engine	ISB CM550, Engine control system												
Engine	ISB CM850 SAE J1708, Engine Control System												
Engine	ISB CM850 SAE J1939, Engine management system												
Engine	ISB4.5 /6.7 - ISD 4.5/6.7 CM2150 SN, Engine control system												
Engine	ISC - ISL - ISB CM2250, Engine control system												





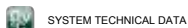
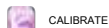
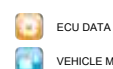
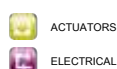
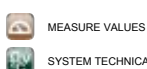
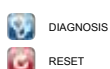
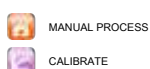
SYSTEM MANUFACTURERS



Engine	ISC 8.3 CM2250 SAE J1939, Engine control system							
Engine	ISC CM2150D, Engine control system							
Engine	ISC CM850 SAE J1708, Engine control system							
Engine	ISC CM850 SAE J1939, Engine control system							
Engine	ISC/ISL CM554, Engine control system							
Engine	ISF 2.8 - ISF 3.8 CM2220, Engine control system							
Engine	ISF 2.8 CM2220 S, Engine control system							
Engine	ISF 3.8 CM2220 S, Engine control system							
Engine	ISL 8.9 CM850, Engine control system							
Engine	ISL CM2150D, Engine control system							
Engine	ISL CM850, Engine control system							
Engine	ISL G CM2180A, Engine control system							
Engine	ISL9 CM2250 SAE J1939, Engine control system							
Engine	ISM - ISM11 CM876 SN, Engine control system							
Engine	ISM CM570, Engine control system							
Engine	ISM CM870, Engine control system							
Engine	ISM CM875, Engine control system							
Engine	ISM CM876 SAE J1708, Engine control system							
Engine	ISM CM876 SAE J1939, Engine control system							
Engine	ISX /ISZ13 CM2150 SN, Engine control system							
Engine	ISX 11.9/15 CM2250, Engine control system							
Engine	ISX CM2250, Engine control system							
Engine	ISX CM871 SAE J1708, Engine control system							
Engine	ISX CM871 SAE J1939, Engine control system							
Engine	ISZ CM2150D, Engine control system							
Engine	Signature ISX CM870 SAE J1708, Engine control system							
Engine	Signature ISX CM870 SAE J1939, Engine control system							
Engine	Signature, ISX CM570, Engine control system							

Detroit Diesel

Engine	EDC DDEC II, Detroit Diesel Electronic Control							
Engine	EDC DDEC III (1993 - 1997), Detroit Diesel Electronic Control							
Engine	EDC DDEC IV (1998 - 2003), Detroit Diesel Electronic Control							
Engine	EDC DDEC V (2004 - 2006), Detroit Diesel Electronic Control							
Engine	EDC Detroit Diesel MBE 4000 SAE J1708, Engine control system							
Engine	EDC Detroit Diesel MBE 4000 SAE J1939, Engine control system							
Engine	EDC Detroit Diesel MBE 900 SAE J1708, Engine control system							
Engine	EDC Detroit Diesel MBE 900 SAE J1939, Engine Control System							





Eaton

Gearbox	TECU Shift Gen 1, Transmission						
Gearbox	TECU Shift Gen 2, Transmission						

Freightliner

Multiplex	BHM, BulkHead Module						
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Mack

Central computer	VCM (Vehicle Control Module) MACK, Vehicle management computer						
Instrument cluster	INS MACK, Instrument cluster						
Engine	V-MAC II, Engine control system						
Engine	V-MAC III, Engine control system						
Engine	V-MAC IV, Engine control system						

MB

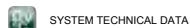
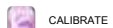
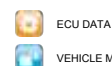
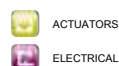
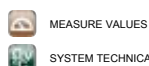
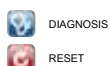
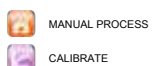
Central computer	ADM 2, Vehicle management computer						
Central computer	ADM, Vehicle management computer						
Engine	MR / PLD (4L & 6L cylinder), Pump-Pipe-Injector with electronic diesel control						
Engine	MR / PLD (6 cylinder), Pump-Pipe-Injector with electronic diesel control						
Engine	MR / PLD (6V & 8V cylinder), Pump-Pipe-Injector with electronic diesel control						

Meritor Wabco

Brakes	ABS D/E Wabco, Antilock braking system						
Brakes	HABS, Anti-lock hydraulic braking system						

Navistar

Engine	EDC DLC I6 (1998-2004), Engine control system						
Engine	EDC DLC V8 (1998-2004), Engine control system						
Engine	EDC DLCII I6 (2004-2006), Engine control system						
Engine	EDC DLCII V6 (2005-2006), Engine control system						
Engine	EDC DLCII V8 (2002-2006), Engine control system						
Engine	EDC Navistar 3-BOX, Engine control system						
Engine	MaxxForce 11/13 (2008 - 2009) SAE J1708, Engine control system						
Engine	MaxxForce 11/13 (2008 - 2009) SAE J1939, Engine management system						
Engine	MaxxForce 5 (2007 - 2009) SAE J1708, Engine control system						
Engine	MaxxForce 5 (2007 - 2009) SAE J1939, Engine management system						
Engine	MaxxForce 7 (2007 - 2009) SAE J1708, Engine control system						





SYSTEM MANUFACTURERS

Engine	MaxxForce 7 (2007 - 2009) SAE J1939, Engine management system						
Engine	MaxxForce DT/9/10 (2007 - 2009) SAE J1708, Engine control system						
Engine	MaxxForce DT/9/10 (2007 - 2009) SAE J1939, Engine control system						

Paccar

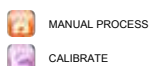
Engine	PX engine, Engine Control System						
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Volvo

Engine	Vectro, Engine management system											
Engine	V-MAC IV, Engine control system											

ZF Meritor

Gearbox	FreedomLine SAE J1708, Transmission											
Gearbox	FreedomLine SAE J1939, Transmission											
Gearbox	SureShift, Transmission											
Gearbox	ZF FreedomLine (K Line), Gearbox with electronic control											



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



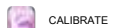
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA

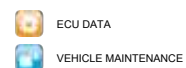
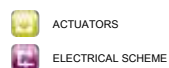
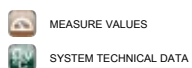
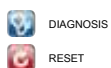
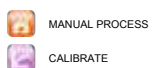


ALL MODELS

Gearbox ZF AsTronic, Gearbox with electronic control



Gearbox ZF AsTronic, Gearbox parametrization



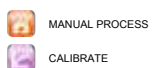


PHOENIX

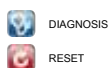
Antipollution	EAS/EAS-2, Exhaust gas treatment system							
Gearbox	AS Tronic, Gearbox with electronic control							
Gearbox	AS Tronic, Gearbox parametrization							
Central computer	VIC-3, Vehicle central computer							
Brakes	EBS 2, Electronic Braking System							
Instrument cluster	DIP-4, DAF Instrument cluster							
Maintenance	Service-3, Maintenance system							
Chassis module	BBM, Bodywork Module							
Engine	DMCI, Multi-Controlled Injection							
Tachograph	DTCO, Digital Tachograph							

T-810

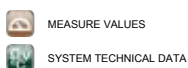
Central computer	VECU, Vehicle Electronic Control Unit							
Engine	EMS, Engine management system							



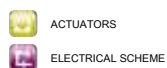
MANUAL PROCESS



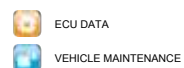
DIAGNOSIS



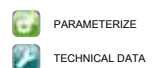
MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



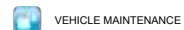
RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA

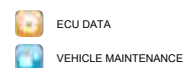
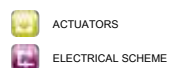
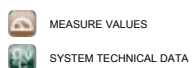
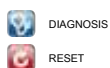
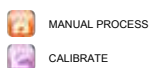


FL

Engine	EDC Euro 3, Engine management system									
Engine	EDC Euro 4/5, Engine management system									

FM

Engine	EDC Euro 3, Engine management system									
Engine	EDC Euro 4/5, Engine management system									





F 10

Brakes	ABS/ASR C, Antilock braking system									
Engine	EDC, Engine management system									

F 12

Brakes	ABS/ASR C, Antilock braking system									
Engine	EDC, Engine management system									

F 16

Brakes	ABS/ASR C, Antilock braking system									
Engine	EDC, Engine management system									

FE [2006-...], engine: D7E

Antitheft	ACU, Alarm									
Antitheft	ICU, Immobilizer Control Unit									
Gearbox	GECU, Gearbox lever									
Gearbox	TECU, Transmission									
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control									
Central computer	CC, Body computer									
Central computer	VECU, Vehicle Electronic Control Unit									
Wheel pressure control	TPM, Tire Pressure Monitoring System									
Steering	ESA, Electronically-controlled steering axle									
Steering	SW, Steering wheel									
Brakes	ABS, Antilock braking system									
Brakes	EBS Gen 2, Electronic Braking System									
Brakes	EBS Gen 3, Electronic Braking System									
Brakes	EBS5, Electronic Braking System									
Compressed air processing	APM, Compressed air production management									
Lighting	LECU / LCM, Light Control Unit									
Instrument cluster	IC, Instrument cluster									
Instrument cluster	MD, Instrument cluster - display									
Chassis module	BCU / BBM, Bodywork Module									
Electronic module	BCI, Chassis identification unit									
Electronic module	EG, Engine gateway									
Electronic module	FMS, Fleet management system									
Engine	EDC Euro 3, Engine management system									
Engine	EDC Euro 4/5, Engine management system									
Multiplex	CIM, Chassis Interface Module									
Retarder	Retarder, Retarder									

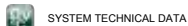
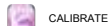
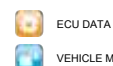
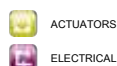
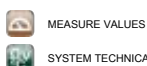
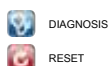
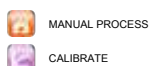
MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Safety	Airbag, Airbag						
Safety	CAS, Collision avoidance system						
System type selection	MID 136, Braking system						
Suspension	ECS, Electronically controlled suspension system						
Tachograph	TCO, Tachograph						
Telematic	Phone, Telephone						
Telematic	SC, Satellite communication						

FH [2005-...], engine: D12F, D13A, D13B, D16E

Antipollution	ADS/SCR AdBlue, Exhaust gas treatment system							
Antitheft	ACU, Alarm							
Antitheft	ICU, Immobilizer Control Unit							
Gearbox	GECU, Gearbox lever							
Gearbox	TECU, Transmission							
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control							
Central computer	CC, Body computer							
Central computer	VECU, Vehicle Electronic Control Unit							
Wheel pressure control	TPM, Tire Pressure Monitoring System							
Steering	ESA, Electronically-controlled steering axle							
Steering	SW, Steering wheel							
Brakes	ABS, Antilock braking system							
Brakes	EBS Gen 2, Electronic Braking System							
Brakes	EBS Gen 3, Electronic Braking System							
Brakes	EBS5, Electronic Braking System							
Lighting	LECU / LCM, Light Control Unit							
Instrument cluster	IC, Instrument cluster							
Instrument cluster	MD, Instrument cluster - display							
Chassis module	BCU / BBM, Bodywork Module							
Electronic module	BCI, Chassis identification unit							
Electronic module	EG, Engine gateway							
Electronic module	FMS, Fleet management system							
Engine	EDC Euro 4/5, Engine management system							
Multiplex	CIM, Chassis Interface Module							
Retarder	Retarder, Retarder							
Safety	Airbag, Airbag							
Safety	CAS, Collision avoidance system							
System type selection	MID 136, Braking system							
Suspension	ECS, Electronically controlled suspension system							
Tachograph	TCO, Tachograph							
Telematic	Phone, Telephone							





Telematic	SC, Satellite communication			
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FH 12 [1993-1997], engine: D12A

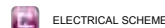
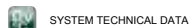
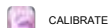
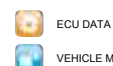
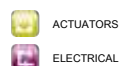
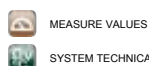
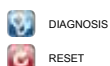
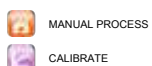
Brakes	ABS/ASR C, Antilock braking system								
Engine	EDC, Engine management system								

FH 12 E98 [1998-2001], engine: D12C, D12D

Antitheft	ACU, Alarm								
Antitheft	ICU, Immobilizer Control Unit								
Gearbox	GECU, Gearbox lever								
Gearbox	TECU, Transmission								
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control								
Central computer	CC, Body computer								
Central computer	VECU, Vehicle Electronic Control Unit								
Wheel pressure control	TPM, Tire Pressure Monitoring System								
Steering	ESA, Electronically-controlled steering axle								
Steering	SW, Steering wheel								
Brakes	ABS, Antilock braking system								
Brakes	EBS, Electronic Braking System								
Lighting	LECU / LCM, Light Control Unit								
Instrument cluster	INS, Instrument cluster								
Instrument cluster	MD, Instrument cluster - display								
Chassis module	BCU / BBM, Bodywork Module								
Electronic module	BCI, Chassis identification unit								
Electronic module	EG, Engine gateway								
Electronic module	FMS, Fleet management system								
Engine	EDC, Engine management system								
Multiplex	CIM, Chassis Interface Module								
Retarder	Retarder, Retarder								
Safety	Airbag, Airbag								
Safety	CAS, Collision avoidance system								
Suspension	ECS, Electronically controlled suspension system								
Tachograph	TCO, Tachograph								
Telematic	Phone, Telephone								
Telematic	SC, Satellite communication								

FH 12 V2 [2002-2005], engine: D12D, D12F

Antitheft	ACU, Alarm								
Antitheft	ICU, Immobilizer Control Unit								
Gearbox	GECU, Gearbox lever								





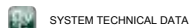
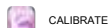
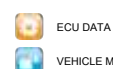
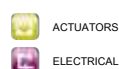
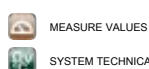
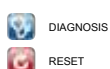
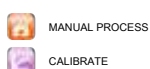
Gearbox	TECU, Transmission									
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control									
Central computer	CC, Body computer									
Central computer	VECU, Vehicle Electronic Control Unit									
Wheel pressure control	TPM, Tire Pressure Monitoring System									
Steering	ESA, Electronically-controlled steering axle									
Steering	SW, Steering wheel									
Brakes	ABS, Antilock braking system									
Brakes	EBS Gen 2, Electronic Braking System									
Brakes	EBS Gen 3, Electronic Braking System									
Lighting	LECU / LCM, Light Control Unit									
Instrument cluster	IC, Instrument cluster									
Instrument cluster	MD, Instrument cluster - display									
Chassis module	BCU / BBM, Bodywork Module									
Electronic module	BCI, Chassis identification unit									
Electronic module	EG, Engine gateway									
Electronic module	FMS, Fleet management system									
Engine	EDC Euro 3, Engine management system									
Engine	EDC Euro 4/5, Engine management system									
Multiplex	CIM, Chassis Interface Module									
Retarder	Retarder, Retarder									
Safety	Airbag, Airbag									
Safety	CAS, Collision avoidance system									
System type selection	MID 136, Braking system									
Suspension	ECS, Electronically controlled suspension system									
Tachograph	TCO, Tachograph									
Telematic	Phone, Telephone									
Telematic	SC, Satellite communication									

FH 16 [1993-1997], engine: D16A

Brakes	ABS/ASR C, Antilock braking system									
Engine	EDC, Engine management system									

FH 16 E98 [1998-2001], engine: D16B

Antitheft	ACU, Alarm									
Antitheft	ICU, Immobilizer Control Unit									
Gearbox	GECU, Gearbox lever									
Gearbox	TECU, Transmission									
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control									



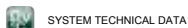
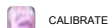
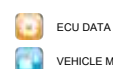
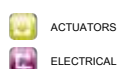
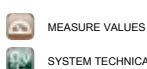
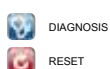
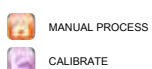


Central computer	CC, Body computer							
Central computer	VECU, Vehicle Electronic Control Unit							
Wheel pressure control	TPM, Tire Pressure Monitoring System							
Steering	ESA, Electronically-controlled steering axle							
Steering	SW, Steering wheel							
Brakes	ABS, Antilock braking system							
Brakes	EBS, Electronic Braking System							
Lighting	LECU / LCM, Light Control Unit							
Instrument cluster	INS, Instrument cluster							
Instrument cluster	MD, Instrument cluster - display							
Chassis module	BCU / BBM, Bodywork Module							
Electronic module	BCI, Chassis identification unit							
Electronic module	EG, Engine gateway							
Electronic module	FMS, Fleet management system							
Engine	EDC, Engine management system							
Multiplex	CIM, Chassis Interface Module							
Retarder	Retarder, Retarder							
Safety	Airbag, Airbag							
Safety	CAS, Collision avoidance system							
Suspension	ECS, Electronically controlled suspension system							
Tachograph	TCO, Tachograph							
Telematic	Phone, Telephone							
Telematic	SC, Satellite communication							

FH 16 V2 [2002-2005], engine: D16C, D16E



Antitheft	ACU, Alarm							
Antitheft	ICU, Immobilizer Control Unit							
Gearbox	GECU, Gearbox lever							
Gearbox	TECU, Transmission							
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control							
Central computer	CC, Body computer							
Central computer	VECU, Vehicle Electronic Control Unit							
Wheel pressure control	TPM, Tire Pressure Monitoring System							
Steering	ESA, Electronically-controlled steering axle							
Steering	SW, Steering wheel							
Brakes	ABS, Antilock braking system							
Brakes	EBS Gen 2, Electronic Braking System							
Brakes	EBS Gen 3, Electronic Braking System							
Lighting	LECU / LCM, Light Control Unit							
Instrument cluster	IC, Instrument cluster							

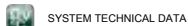
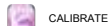
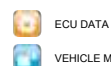
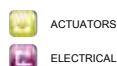
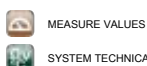
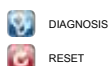
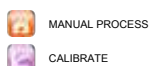




Instrument cluster	MD, Instrument cluster - display								
Chassis module	BCU / BBM, Bodywork Module								
Electronic module	BCI, Chassis identification unit								
Electronic module	EG, Engine gateway								
Electronic module	FMS, Fleet management system								
Engine	EDC Euro 3, Engine management system								
Engine	EDC Euro 4/5, Engine management system								
Multiplex	CIM, Chassis Interface Module								
Retarder	Retarder, Retarder								
Safety	Airbag, Airbag								
Safety	CAS, Collision avoidance system								
System type selection	MID 136, Braking system								
Suspension	ECS, Electronically controlled suspension system								
Tachograph	TCO, Tachograph								
Telematic	Phone, Telephone								
Telematic	SC, Satellite communication								

FL V2 [2006-...]

Antitheft	ACU, Alarm								
Antitheft	ICU, Immobilizer Control Unit								
Gearbox	GECU, Gearbox lever								
Gearbox	TECU, Transmission								
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control								
Central computer	CC, Body computer								
Central computer	VECU, Vehicle Electronic Control Unit								
Wheel pressure control	TPM, Tire Pressure Monitoring System								
Steering	ESA, Electronically-controlled steering axle								
Steering	SW, Steering wheel								
Brakes	ABS, Antilock braking system								
Brakes	EBS Gen 2, Electronic Braking System								
Brakes	EBS Gen 3, Electronic Braking System								
Brakes	EBS5, Electronic Braking System								
Compressed air processing	APM, Compressed air production management								
Lighting	LECU / LCM, Light Control Unit								
Instrument cluster	IC, Instrument cluster								
Instrument cluster	MD, Instrument cluster - display								
Chassis module	BCU / BBM, Bodywork Module								
Electronic module	BCI, Chassis identification unit								
Electronic module	EG, Engine gateway								





Safety	Airbag, Airbag					
Safety	CAS, Collision avoidance system					
System type selection	MID 136, Braking system					
Suspension	ECS, Electronically controlled suspension system					
Tachograph	TCO, Tachograph					
Telematic	Phone, Telephone					
Telematic	SC, Satellite communication					

FM 10 [1998-2001], engine: D10B

Antitheft	ACU, Alarm					
Antitheft	ICU, Immobilizer Control Unit					
Gearbox	GECU, Gearbox lever					
Gearbox	TECU, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control					
Central computer	CC, Body computer					
Central computer	VECU, Vehicle Electronic Control Unit					
Wheel pressure control	TPM, Tire Pressure Monitoring System					
Steering	ESA, Electronically-controlled steering axle					
Steering	SW, Steering wheel					
Brakes	ABS, Antilock braking system					
Brakes	EBS, Electronic Braking System					
Lighting	LECU / LCM, Light Control Unit					
Instrument cluster	INS, Instrument cluster					
Instrument cluster	MD, Instrument cluster - display					
Chassis module	BCU / BBM, Bodywork Module					
Electronic module	BCI, Chassis identification unit					
Electronic module	EG, Engine gateway					
Electronic module	FMS, Fleet management system					
Engine	EDC, Engine management system					
Multiplex	CIM, Chassis Interface Module					
Retarder	Retarder, Retarder					
Safety	Airbag, Airbag					
Safety	CAS, Collision avoidance system					
Suspension	ECS, Electronically controlled suspension system					
Tachograph	TCO, Tachograph					
Telematic	Phone, Telephone					
Telematic	SC, Satellite communication					

FM 12 E98 [1998-2001], engine: D12C, D12D

Antitheft	ACU, Alarm				
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MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA

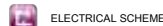
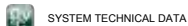
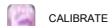
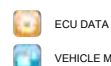
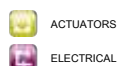
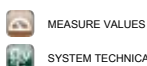
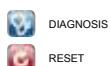
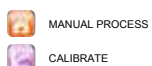


Antitheft	ICU, Immobilizer Control Unit								
Gearbox	GECU, Gearbox lever								
Gearbox	TECU, Transmission								
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control								
Central computer	CC, Body computer								
Central computer	VECU, Vehicle Electronic Control Unit								
Wheel pressure control	TPM, Tire Pressure Monitoring System								
Steering	ESA, Electronically-controlled steering axle								
Steering	SW, Steering wheel								
Brakes	ABS, Antilock braking system								
Brakes	EBS, Electronic Braking System								
Lighting	LECU / LCM, Light Control Unit								
Instrument cluster	INS, Instrument cluster								
Instrument cluster	MD, Instrument cluster - display								
Chassis module	BCU / BBM, Bodywork Module								
Electronic module	BCI, Chassis identification unit								
Electronic module	EG, Engine gateway								
Electronic module	FMS, Fleet management system								
Engine	EDC, Engine management system								
Multiplex	CIM, Chassis Interface Module								
Retarder	Retarder, Retarder								
Safety	Airbag, Airbag								
Safety	CAS, Collision avoidance system								
Suspension	ECS, Electronically controlled suspension system								
Tachograph	TCO, Tachograph								
Telematic	Phone, Telephone								
Telematic	SC, Satellite communication								

FM 12 V2 [2002-2005], engine: D12D, D12F



Antitheft	ACU, Alarm								
Antitheft	ICU, Immobilizer Control Unit								
Gearbox	GECU, Gearbox lever								
Gearbox	TECU, Transmission								
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control								
Central computer	CC, Body computer								
Central computer	VECU, Vehicle Electronic Control Unit								
Wheel pressure control	TPM, Tire Pressure Monitoring System								
Steering	ESA, Electronically-controlled steering axle								
Steering	SW, Steering wheel								





Brakes	ABS, Antilock braking system							
Brakes	EBS Gen 2, Electronic Braking System							
Brakes	EBS Gen 3, Electronic Braking System							
Lighting	LECU / LCM, Light Control Unit							
Instrument cluster	IC, Instrument cluster							
Instrument cluster	MD, Instrument cluster - display							
Chassis module	BCU / BBM, Bodywork Module							
Electronic module	BCI, Chassis identification unit							
Electronic module	EG, Engine gateway							
Electronic module	FMS, Fleet management system							
Engine	EDC Euro 3, Engine management system							
Engine	EDC Euro 4/5, Engine management system							
Multiplex	CIM, Chassis Interface Module							
Retarder	Retarder, Retarder							
Safety	Airbag, Airbag							
Safety	CAS, Collision avoidance system							
System type selection	MID 136, Braking system							
Suspension	ECS, Electronically controlled suspension system							
Tachograph	TCO, Tachograph							
Telematic	Phone, Telephone							
Telematic	SC, Satellite communication							

FM 7 [1998-2001], engine: D7C

Antitheft	ACU, Alarm							
Antitheft	ICU, Immobilizer Control Unit							
Gearbox	GECU, Gearbox lever							
Gearbox	TECU, Transmission							
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control							
Central computer	CC, Body computer							
Central computer	VECU, Vehicle Electronic Control Unit							
Wheel pressure control	TPM, Tire Pressure Monitoring System							
Steering	ESA, Electronically-controlled steering axle							
Steering	SW, Steering wheel							
Brakes	ABS, Antilock braking system							
Brakes	EBS, Electronic Braking System							
Lighting	LECU / LCM, Light Control Unit							
Instrument cluster	INS, Instrument cluster							
Instrument cluster	MD, Instrument cluster - display							
Chassis module	BCU / BBM, Bodywork Module							
Electronic module	BCI, Chassis identification unit							

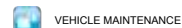
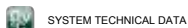
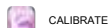
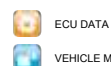
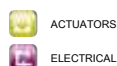
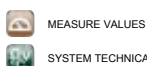
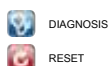
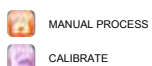
MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Electronic module	EG, Engine gateway							
Electronic module	FMS, Fleet management system							
Engine	EDC, Engine management system							
Multiplex	CIM, Chassis Interface Module							
Retarder	Retarder, Retarder							
Safety	Airbag, Airbag							
Safety	CAS, Collision avoidance system							
Suspension	ECS, Electronically controlled suspension system							
Tachograph	TCO, Tachograph							
Telematic	Phone, Telephone							
Telematic	SC, Satellite communication							

FM 9 V2 [2002-2005], engine: D9A, D9B

Antitheft	ACU, Alarm							
Antitheft	ICU, Immobilizer Control Unit							
Gearbox	GECU, Gearbox lever							
Gearbox	TECU, Transmission							
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control							
Central computer	CC, Body computer							
Central computer	VECU, Vehicle Electronic Control Unit							
Wheel pressure control	TPM, Tire Pressure Monitoring System							
Steering	ESA, Electronically-controlled steering axle							
Steering	SW, Steering wheel							
Brakes	ABS, Antilock braking system							
Brakes	EBS Gen 2, Electronic Braking System							
Brakes	EBS Gen 3, Electronic Braking System							
Lighting	LECU / LCM, Light Control Unit							
Instrument cluster	IC, Instrument cluster							
Instrument cluster	MD, Instrument cluster - display							
Chassis module	BCU / BBM, Bodywork Module							
Electronic module	BCI, Chassis identification unit							
Electronic module	EG, Engine gateway							
Electronic module	FMS, Fleet management system							
Engine	EDC Euro 3, Engine management system							
Engine	EDC Euro 4/5, Engine management system							
Multiplex	CIM, Chassis Interface Module							
Retarder	Retarder, Retarder							
Safety	Airbag, Airbag							
Safety	CAS, Collision avoidance system							
System type selection	MID 136, Braking system							

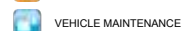
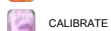
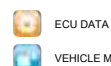
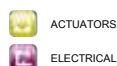
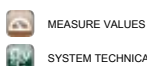
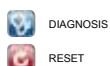
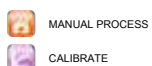




Suspension	ECS, Electronically controlled suspension system									
Tachograph	TCO, Tachograph									
Telematic	Phone, Telephone									
Telematic	SC, Satellite communication									

NH 12, engine: D12D

Antitheft	ACU, Alarm									
Antitheft	ICU, Immobilizer Control Unit									
Gearbox	GECU, Gearbox lever									
Gearbox	TECU, Transmission									
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control									
Central computer	CC, Body computer									
Central computer	VECU, Vehicle Electronic Control Unit									
Wheel pressure control	TPM, Tire Pressure Monitoring System									
Steering	ESA, Electronically-controlled steering axle									
Steering	SW, Steering wheel									
Brakes	ABS, Antilock braking system									
Brakes	EBS Gen 2, Electronic Braking System									
Brakes	EBS Gen 3, Electronic Braking System									
Lighting	LECU / LCM, Light Control Unit									
Instrument cluster	IC, Instrument cluster									
Instrument cluster	MD, Instrument cluster - display									
Chassis module	BCU / BBM, Bodywork Module									
Electronic module	BCI, Chassis identification unit									
Electronic module	EG, Engine gateway									
Electronic module	FMS, Fleet management system									
Engine	EDC Euro 3, Engine management system									
Engine	EDC Euro 4/5, Engine management system									
Multiplex	CIM, Chassis Interface Module									
Retarder	Retarder, Retarder									
Safety	Airbag, Airbag									
Safety	CAS, Collision avoidance system									
Suspension	ECS, Electronically controlled suspension system									
Tachograph	TCO, Tachograph									
Telematic	Phone, Telephone									
Telematic	SC, Satellite communication									





FLC 🔍

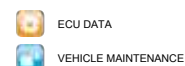
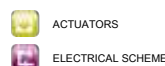
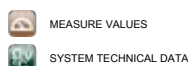
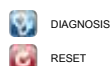
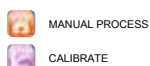
Brakes	ABS, Antilock braking system	
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NH 12 🔍

Antitheft	ACU, Alarm	
Antitheft	ICU, Immobilizer Control Unit	
Gearbox	GECU, Gearbox lever	
Gearbox	TECU, Transmission	
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control	
Central computer	CC, Body computer	
Central computer	VECU, Vehicle Electronic Control Unit	
Wheel pressure control	TPM, Tire Pressure Monitoring System	
Steering	ESA, Electronically-controlled steering axle	
Steering	SW, Steering wheel	
Brakes	ABS, Antilock braking system	
Brakes	EBS Gen 2, Electronic Braking System	
Brakes	EBS Gen 3, Electronic Braking System	
Lighting	LECU / LCM, Light Control Unit	
Instrument cluster	IC, Instrument cluster	
Instrument cluster	MD, Instrument cluster - display	
Chassis module	BCU / BBM, Bodywork Module	
Electronic module	BCI, Chassis identification unit	
Electronic module	EG, Engine gateway	
Electronic module	FMS, Fleet management system	
Engine	EDC Euro 3, Engine management system	
Engine	EDC Euro 4/5, Engine management system	
Multiplex	CIM, Chassis Interface Module	
Retarder	Retarder, Retarder	
Safety	Airbag, Airbag	
Safety	CAS, Collision avoidance system	
Suspension	ECS, Electronically controlled suspension system	
Tachograph	TCO, Tachograph	
Telematic	Phone, Telephone	
Telematic	SC, Satellite communication	

VHD

Gearbox	TCM, Transmission	
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control	





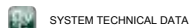
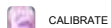
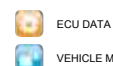
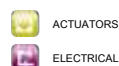
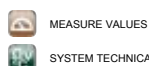
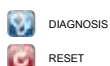
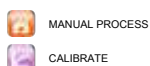
Central computer	VCM, Vehicle Electronic Control Unit								
Brakes	ABS, Braking system								
Brakes	EBS, Brake management system								
Lighting	LCM, Light Control Unit								
Instrument cluster	IC, Info Instrumentation								
Instrument cluster	Info Display, Instrument cluster - display								
Chassis module	BCU / BBM, Bodywork Module								
Engine	EDC Standard J1708, Engine control system								
Multiplex	Multiplex, Instrument cluster								
Safety	AIRBAG, Airbag								
Shift Selector	GECU, Gearbox lever								
Suspension	ECS, Electronically controlled suspension system								

VHD Series [2002-...]

Gearbox	TCM, Transmission								
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control								
Central computer	VCM, Vehicle Electronic Control Unit								
Brakes	ABS, Braking system								
Brakes	EBS, Brake management system								
Lighting	LCM, Light Control Unit								
Instrument cluster	IC, Info Instrumentation								
Instrument cluster	Info Display, Instrument cluster - display								
Chassis module	BCU / BBM, Bodywork Module								
Engine	EDC Standard J1708, Engine control system								
Multiplex	Multiplex, Instrument cluster								
Safety	AIRBAG, Airbag								
Shift Selector	GECU, Gearbox lever								
Suspension	ECS, Electronically controlled suspension system								

VN 430 [2002-...]

Gearbox	TCM, Transmission								
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control								
Central computer	VCM, Vehicle Electronic Control Unit								
Brakes	ABS, Braking system								
Brakes	EBS, Brake management system								
Lighting	LCM, Light Control Unit								
Instrument cluster	IC, Info Instrumentation								
Instrument cluster	Info Display, Instrument cluster - display								
Chassis module	BCU / BBM, Bodywork Module								





Engine	EDC Standard J1708, Engine control system				
Multiplex	Multiplex, Instrument cluster				
Safety	AIRBAG, Airbag				
Shift Selector	GECU, Gearbox lever				
Suspension	ECS, Electronically controlled suspension system				

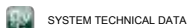
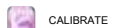
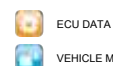
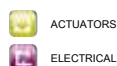
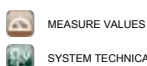
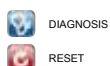
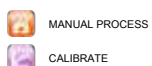
VN 630 [2002-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	VCM, Vehicle Electronic Control Unit				
Brakes	ABS, Braking system				
Brakes	EBS, Brake management system				
Lighting	LCM, Light Control Unit				
Instrument cluster	IC, Info Instrumentation				
Instrument cluster	Info Display, Instrument cluster - display				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				
Multiplex	Multiplex, Instrument cluster				
Safety	AIRBAG, Airbag				
Shift Selector	GECU, Gearbox lever				
Suspension	ECS, Electronically controlled suspension system				

VN 670 [2002-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	VCM, Vehicle Electronic Control Unit				
Brakes	ABS, Braking system				
Brakes	EBS, Brake management system				
Lighting	LCM, Light Control Unit				
Instrument cluster	IC, Info Instrumentation				
Instrument cluster	Info Display, Instrument cluster - display				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				
Multiplex	Multiplex, Instrument cluster				
Safety	AIRBAG, Airbag				
Shift Selector	GECU, Gearbox lever				
Suspension	ECS, Electronically controlled suspension system				

VN 730 [2006-...]





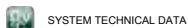
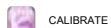
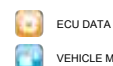
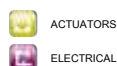
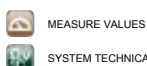
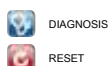
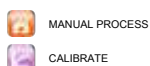
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	VCM, Vehicle Electronic Control Unit				
Brakes	ABS, Braking system				
Brakes	EBS, Brake management system				
Lighting	LCM, Light Control Unit				
Instrument cluster	IC, Info Instrumentation				
Instrument cluster	Info Display, Instrument cluster - display				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				
Multiplex	Multiplex, Instrument cluster				
Safety	AIRBAG, Airbag				
Shift Selector	GECU, Gearbox lever				
Suspension	ECS, Electronically controlled suspension system				

VN 780 [2002-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	VCM, Vehicle Electronic Control Unit				
Brakes	ABS, Braking system				
Brakes	EBS, Brake management system				
Lighting	LCM, Light Control Unit				
Instrument cluster	IC, Info Instrumentation				
Instrument cluster	Info Display, Instrument cluster - display				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				
Multiplex	Multiplex, Instrument cluster				
Safety	AIRBAG, Airbag				
Shift Selector	GECU, Gearbox lever				
Suspension	ECS, Electronically controlled suspension system				

VNL Series [1998-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	VCM, Vehicle Electronic Control Unit				
Brakes	ABS, Braking system				
Brakes	EBS, Brake management system				
Lighting	LCM, Light Control Unit				





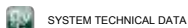
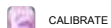
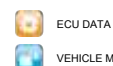
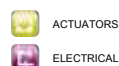
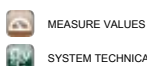
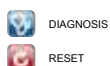
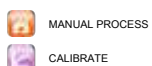
Instrument cluster	IC, Info Instrumentation				
Instrument cluster	Info Display, Instrument cluster - display				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				
Multiplex	Multiplex, Instrument cluster				
Safety	AIRBAG, Airbag				
Shift Selector	GECU, Gearbox lever				
Suspension	ECS, Electronically controlled suspension system				

VNM Series [1998-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	VCM, Vehicle Electronic Control Unit				
Brakes	ABS, Braking system				
Brakes	EBS, Brake management system				
Lighting	LCM, Light Control Unit				
Instrument cluster	IC, Info Instrumentation				
Instrument cluster	Info Display, Instrument cluster - display				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				
Multiplex	Multiplex, Instrument cluster				
Safety	AIRBAG, Airbag				
Shift Selector	GECU, Gearbox lever				
Suspension	ECS, Electronically controlled suspension system				

VT 800 [2008-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	VCM, Vehicle Electronic Control Unit				
Brakes	ABS, Braking system				
Brakes	EBS, Brake management system				
Lighting	LCM, Light Control Unit				
Instrument cluster	IC, Info Instrumentation				
Instrument cluster	Info Display, Instrument cluster - display				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				
Multiplex	Multiplex, Instrument cluster				
Safety	AIRBAG, Airbag				
Shift Selector	GECU, Gearbox lever				





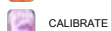
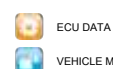
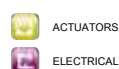
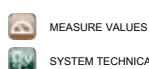
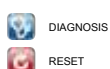
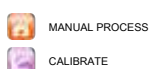
Suspension	ECS, Electronically controlled suspension system				
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VT 830 [2008-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	VCM, Vehicle Electronic Control Unit				
Brakes	ABS, Braking system				
Brakes	EBS, Brake management system				
Lighting	LCM, Light Control Unit				
Instrument cluster	IC, Info Instrumentation				
Instrument cluster	Info Display, Instrument cluster - display				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				
Multiplex	Multiplex, Instrument cluster				
Safety	AIRBAG, Airbag				
Shift Selector	GECU, Gearbox lever				
Suspension	ECS, Electronically controlled suspension system				

VT 880 [2006-...]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	VCM, Vehicle Electronic Control Unit				
Brakes	ABS, Braking system				
Brakes	EBS, Brake management system				
Lighting	LCM, Light Control Unit				
Instrument cluster	IC, Info Instrumentation				
Instrument cluster	Info Display, Instrument cluster - display				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				
Multiplex	Multiplex, Instrument cluster				
Safety	AIRBAG, Airbag				
Shift Selector	GECU, Gearbox lever				
Suspension	ECS, Electronically controlled suspension system				





4842 [...-2002]

Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					

4864 [...-2002]

Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					

4900 EX [2002-...]

Engine	EDC DDEC IV, Detroit Diesel Electronic Control							
Engine	EDC DDEC V, Detroit Diesel Electronic Control							

4900 FA [2002-...]

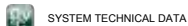
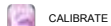
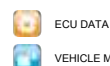
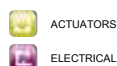
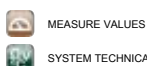
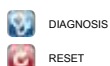
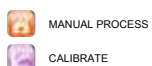
Engine	EDC DDEC IV, Detroit Diesel Electronic Control							
Engine	EDC DDEC V, Detroit Diesel Electronic Control							

4900 SA [2002-...]

Engine	EDC DDEC IV, Detroit Diesel Electronic Control							
Engine	EDC DDEC V, Detroit Diesel Electronic Control							

4942 [...-2001]

Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					





4964 [...-2001]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

5842 [1997-2002]

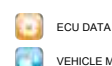
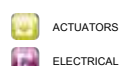
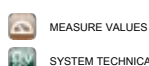
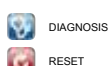
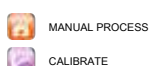
Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

5864 [1997-2002]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				

5900 [2002-2003]

Gearbox	TCM, Transmission				
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
Central computer	CC, Body computer				
Brakes	ABS, Braking system				
Instrument cluster	INS, Info Instrumentation				
Chassis module	BCU / BBM, Bodywork Module				
Engine	EDC Standard J1708, Engine control system				





5942 [...-2001]

Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					

5964 [...-2001]

Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					

6900 XD [2002-...]

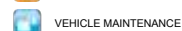
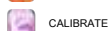
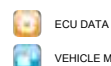
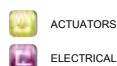
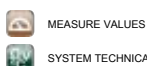
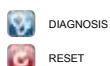
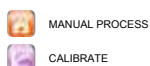
Engine	EDC DDEC IV, Detroit Diesel Electronic Control							
Engine	EDC DDEC V, Detroit Diesel Electronic Control							

6964 [2000-2001]

Gearbox	TCM, Transmission					
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
Central computer	CC, Body computer					
Brakes	ABS, Braking system					
Instrument cluster	INS, Info Instrumentation					
Chassis module	BCU / BBM, Bodywork Module					
Engine	EDC Standard J1708, Engine control system					

LOW MAX

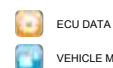
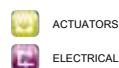
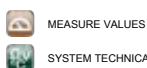
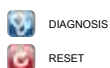
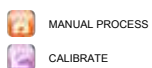
Engine	EDC DDEC IV, Detroit Diesel Electronic Control							
Engine	EDC DDEC V, Detroit Diesel Electronic Control							





Trailer

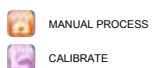
Electronic module	EPV, Electric-proportional valve								
Electronic module	Wabco, TCE, Trailer Central Electronics								
Suspension	Trailer ELM, Suspension electronic management								
Suspension	Wabco, ECAS, Suspension electronic management								
ABS Trailer	Haldex, ABS MODAL, Antilock braking system								
ABS Trailer	Haldex, Modular/PLC, Antilock braking system								
ABS Trailer	Knorr, A18, Antilock braking system								
ABS Trailer	Knorr, KB3-TA, Antilock braking system								
ABS Trailer	Knorr, KB4-TA, Antilock braking system								
ABS Trailer	MGX, Brake management system								
ABS Trailer	Wabco, Vario C, Antilock braking system								
ABS Trailer	Wabco, VCS, Antilock braking system								
ABS Trailer	Wabco, VCSII, Antilock braking system								
EBS Trailer	Haldex, EB+ 2° generation, System's parameter setting								
EBS Trailer	Haldex, EB+ 2° generation, Brake management system								
EBS Trailer	Haldex, EB+, System's parameter setting								
EBS Trailer	Haldex, EB+, Brake management system								
EBS Trailer	Knorr, TEBS Gen2, Brake management system								
EBS Trailer	Knorr, TEBS4 CAN, Brake management system								
EBS Trailer	Knorr, TEBS4 via K, Brake management system								
EBS Trailer	Wabco, EBS C, Brake management system								
EBS Trailer	Wabco, EBS D CAN, Brake management system								
EBS Trailer	Wabco, EBS D, Brake management system								
EBS Trailer	Wabco, EBS E, Brake management system								



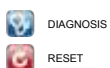


Trailer

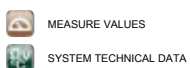
ABS Trailer	Bendix, TABS 6, Antilock braking system								
ABS Trailer	Meritor Wabco, Easy Stop I, Antilock braking system								
ABS Trailer	Meritor Wabco, Easy Stop II, Antilock braking system								
ABS Trailer	MID 137, ABS SAE, Antilock braking system								



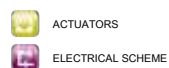
MANUAL PROCESS



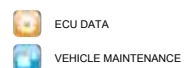
DIAGNOSIS



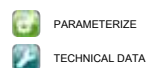
MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



A0808T

Gearbox	TCM Allison 3000/4000 (4th), Gearbox management system									
Engine	ECM, Engine control system									
Suspension	ECAS 446 055 311 0, Electronically controlled suspension system									
Suspension	ECAS/ESAC, Electronically controlled suspension system									

A0909

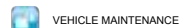
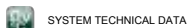
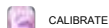
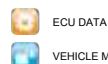
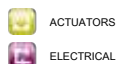
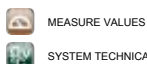
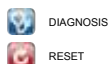
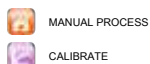
Antipollution	ADS AdBlue, Exhaust gas treatment system									
Central computer	VECU Euro 3, Vehicle Electronic Control Unit									
Central computer	VECU IV, Vehicle Electronic Control Unit									
Brakes	ABS D, Antilock braking system									
Brakes	ABS E, Antilock braking system									
Compressed air processing	APM, Compressed air production management									
Instrument cluster	IC 05, Instrument cluster 04									
Instrument cluster	INS Euro 3, Instrument cluster									
Engine	ECM, Engine control system									
Engine	EECU CR MS6.3 E, Diesel injection control, injection rail									
Engine	EMS Euro 4/5, Engine management system									
Suspension	ECAS 446 055 311 0, Electronically controlled suspension system									
Suspension	ECAS 446 055 503 0, Electronically controlled suspension system									
Suspension	ECAS/ESAC, Electronically controlled suspension system									

A1010T

Central computer	VECU Euro 3, Vehicle Electronic Control Unit									
Brakes	ABS D, Antilock braking system									
Brakes	ABS E, Antilock braking system									
Instrument cluster	INS Euro 3, Instrument cluster									
Engine	ECM, Engine control system									
Engine	EECU CR MS6.3 E, Diesel injection control, injection rail									
Suspension	ECAS 446 055 311 0, Electronically controlled suspension system									
Suspension	ECAS 446 055 503 0, Electronically controlled suspension system									
Suspension	ECAS/ESAC, Electronically controlled suspension system									

A1012T

Antipollution	ADS AdBlue, Exhaust gas treatment system									
Central computer	VECU IV, Vehicle Electronic Control Unit									
Central computer	VECU, Vehicle Electronic Control Unit									





Brakes	ABS D, Antilock braking system											
Brakes	ABS E, Antilock braking system											
Compressed air processing	APM, Compressed air production management											
Instrument cluster	IC 05, Instrument cluster 04											
Instrument cluster	IC 2000 Euro 3, Instrument cluster											
Engine	ECM, Engine control system											
Engine	EECU CR MS6.3 E, Diesel injection control, injection rail											
Engine	EMS Euro 4/5, Engine management system											
Suspension	ECAS 446 055 311 0, Electronically controlled suspension system											
Suspension	ECAS 446 055 503 0, Electronically controlled suspension system											
Suspension	ECAS/ESAC, Electronically controlled suspension system											

A1012T RAMZES

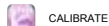
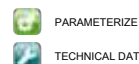
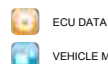
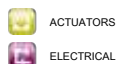
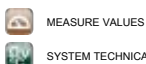
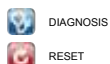
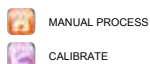
Gearbox	TCM Allison 3000/4000 (4th), Gearbox management system											
Brakes	ABS D, Antilock braking system											
Brakes	ABS E, Antilock braking system											
Brakes	EBS 2, Electronic Braking System											
Brakes	EBS, Electronic Braking System											
Engine	ECM, Engine control system											
Suspension	ECAS 446 055 311 0, Electronically controlled suspension system											
Suspension	ECAS 446 055 503 0, Electronically controlled suspension system											
Suspension	ECAS/ESAC, Electronically controlled suspension system											

A1112T

Brakes	ABS D, Antilock braking system											
Brakes	ABS E, Antilock braking system											
Engine	ECM, Engine control system											
Suspension	ECAS 446 055 311 0, Electronically controlled suspension system											
Suspension	ECAS 446 055 503 0, Electronically controlled suspension system											
Suspension	ECAS/ESAC, Electronically controlled suspension system											

A1212C

Gearbox	TCM Allison 3000/4000 (4th), Gearbox management system											
Brakes	EBS 2, Electronic Braking System											
Brakes	EBS, Electronic Braking System											
Engine	ECM, Engine control system											
Suspension	ECAS 446 055 311 0, Electronically controlled suspension system											





Suspension	ECAS 446 055 503 0, Electronically controlled suspension system												
Suspension	ECAS/ESAC, Electronically controlled suspension system												

A1213C

Gearbox	TCM Allison 3000/4000 (4th), Gearbox management system												
Brakes	EBS 2, Electronic Braking System												
Brakes	EBS, Electronic Braking System												
Engine	ECM, Engine control system												
Suspension	ECAS 446 055 311 0, Electronically controlled suspension system												
Suspension	ECAS 446 055 503 0, Electronically controlled suspension system												
Suspension	ECAS/ESAC, Electronically controlled suspension system												

A1213CLE

Gearbox	TCM Allison 3000/4000 (4th), Gearbox management system												
Brakes	EBS 2, Electronic Braking System												
Brakes	EBS, Electronic Braking System												
Engine	ECM, Engine control system												
Suspension	ECAS 446 055 311 0, Electronically controlled suspension system												
Suspension	ECAS 446 055 503 0, Electronically controlled suspension system												
Suspension	ECAS/ESAC, Electronically controlled suspension system												

A1215DLE

Antipollution	EAS/EAS-2, Exhaust gas treatment system												
Gearbox	TCM Allison 3000/4000 (4th), Gearbox management system												
Brakes	EBS 2, Electronic Braking System												
Brakes	EBS, Electronic Braking System												
Engine	DMCI, Multi-Controlled Injection												
Suspension	ECAS 446 055 311 0, Electronically controlled suspension system												
Suspension	ECAS 446 055 503 0, Electronically controlled suspension system												
Suspension	ECAS CAN, Electronically controlled suspension system												
Suspension	ECAS/ESAC, Electronically controlled suspension system												

A8V

Brakes	ABS, Antilock braking system												
Engine	MR, Pump-Pipe-Injector with electronic diesel control												

H7

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Brakes	ABS, Antilock braking system									
Engine	MR, Pump-Pipe-Injector with electronic diesel control									

M09LE

Gearbox	TCM Allison 3000/4000 (4th), Gearbox management system									
Brakes	EBS 2, Electronic Braking System									
Brakes	EBS, Electronic Braking System									
Engine	ECM, Engine control system									

M12LE

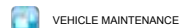
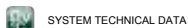
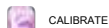
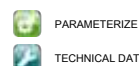
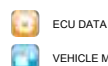
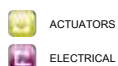
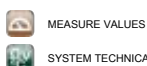
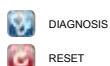
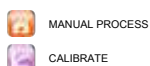
Brakes	EBS 2, Electronic Braking System									
Brakes	EBS, Electronic Braking System									
Engine	ECM, Engine control system									

M12LF

Antipollution	Denox2, Exhaust gas treatment system									
Gearbox	DIWA 3, Automatic gearbox									
Brakes	EBS 2, Electronic Braking System									
Brakes	EBS, Electronic Braking System									
Engine	EDC 7 UC31 CR, Electronic diesel control, injection rail									
Engine	EDC7 UC31 UPS, Engine management system, pump-injectors									

M18LF

Antipollution	Denox2, Exhaust gas treatment system									
Brakes	EBS 2, Electronic Braking System									
Brakes	EBS, Electronic Braking System									
Engine	EDC 7 UC31 CR, Electronic diesel control, injection rail									
Engine	EDC7 UC31 UPS, Engine management system, pump-injectors									





EURORIDER

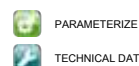
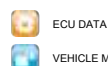
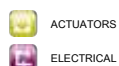
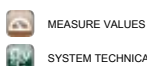
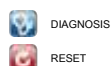
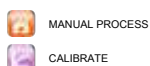
Antipollution	DENOXTRONIC, Exhaust gas treatment system												
Antitheft	Immobilizer, Immobilizer												
Gearbox	ECOMAT 2, Automatic gearbox												
Gearbox	Eurotronic 2, Gearbox with electronic control												
Gearbox	Eurotronic 2, Gearbox parametrization												
Brakes	ABS 2X, Antilock braking system												
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Brakes	ABS, Antilock braking system												
Brakes	EBS, Electronic Braking System												
Engine	EDC 7 UC31, Electronic diesel control, injection rail												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS6.2, Engine management system, pump-injectors												
Retarder	Intarder CAN, Retarder												
Retarder	Intarder KWP, Retarder												
Suspension	ECAS 4x2 A, Electronically controlled suspension system												
Suspension	ECAS 6X2, Electronically controlled suspension system												
Suspension	ECAS BUS, Electronically controlled suspension system												
Suspension	ECAS KWP, Electronically controlled suspension system												

GIANINO MB

Gearbox	ECOMAT 2, Automatic gearbox												
Gearbox	HPS, Hydro-pneumatic control												
Central computer	FR, Electronic gear shift regulation												
Steering	EHZ, Electro-hydraulic auxiliary steering												
Brakes	ABS, Antilock braking system												
Brakes	BS, Braking system												
Brakes	EBS BUS, Electronic Braking System												
Instrument cluster	INS, Instrument cluster												
Maintenance	WS, Maintenance system												
Engine	MR, Pump-Pipe-Injector with electronic diesel control												
Safety	SRS, Airbag												
Suspension	ECAS BUS, Electronically controlled suspension system												
Suspension	NR, Level regulation												
Telematic	FFB, Radio communication commander												

SCANIA Aura Euro 4/5

Antitheft	LAS, Locking and alarm system												
Gearbox	ECOMAT 2, Automatic gearbox												





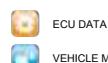
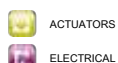
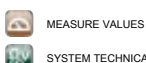
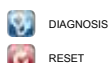
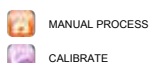
Gearbox	GMS, Gearbox management system							
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air							
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system							
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System							
Central computer	COO, Coordinator							
Brakes	BMS, Brake management system							
Compressed air processing	APS, Compressed air supply							
Lighting	VIS, Visibility system							
Instrument cluster	ICL, Instrument cluster							
Chassis module	BCS, Bus chassis system							
Electronic module	AWD, Four-wheel Drive							
Engine	EMS HPI, High pressure injection system							
Engine	EMS PDE, Engine management system, pump-injectors							
Engine	EMS XPI, High pressure injection system, injection rail							
Radio	AUS, Audio system							
Safety	CSS, Collision safety system							
Suspension	SMS, Suspension management system							
Tachograph	TCO, Tachograph							
Telematic	RTI, Road transport information							

SCANIA Aura K 124 Euro 3

Gearbox	ECOMAT 1, Automatic gearbox							
Gearbox	ECOMAT 2, Automatic gearbox							
Gearbox	Opticruise, Gearbox with electronic control							
Brakes	ABS D, Antilock braking system							
Engine	EDC MS 6.2, Engine management system, pump-injectors							
Engine	EDC MS5, Diesel in-line injection pump							
Retarder	RETARDER, Retarder							
Suspension	ELC Bosch, Electronically controlled air suspension							

SCANIA CYGNUS

Antitheft	LAS, Locking and alarm system							
Gearbox	ECOMAT 2, Automatic gearbox							
Gearbox	GMS, Gearbox management system							
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air							

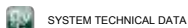
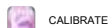
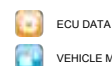
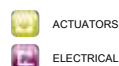
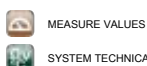
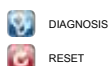
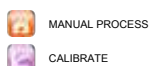




HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system			
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System			
Central computer	COO, Coordinator			
Brakes	BMS, Brake management system			
Compressed air processing	APS, Compressed air supply			
Lighting	VIS, Visibility system			
Instrument cluster	ICL, Instrument cluster			
Chassis module	BCS, Bus chassis system			
Electronic module	AWD, Four-wheel Drive			
Engine	EMS HPI, High pressure injection system			
Engine	EMS PDE, Engine management system, pump-injectors			
Engine	EMS XPI, High pressure injection system, injection rail			
Radio	AUS, Audio system			
Safety	CSS, Collision safety system			
Suspension	SMS, Suspension management system			
Tachograph	TCO, Tachograph			
Telematic	RTI, Road transport information			

VOLVO AURA

Antitheft	ICU, Immobilizer Control Unit			
Gearbox	ECOMAT 2, Automatic gearbox			
Gearbox	GECU, Gearbox lever			
Gearbox	TECU, Transmission			
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control			
Central computer	CC, Body computer			
Central computer	VECU, Vehicle Electronic Control Unit			
Wheel pressure control	TPM, Tire Pressure Monitoring System			
Steering	SW, Steering wheel			
Brakes	ABS, Antilock braking system			
Brakes	EBS Gen 2, Electronic Braking System			
Brakes	EBS Gen 3, Electronic Braking System			
Brakes	EBS5, Electronic Braking System			
Lighting	LECU / LCM, Light Control Unit			
Instrument cluster	IC, Instrument cluster			
Instrument cluster	MD, Instrument cluster - display			
Chassis module	BCU / BBM, Bodywork Module			
Electronic module	BCI, Chassis identification unit			

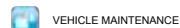
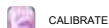
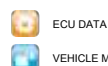
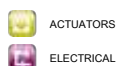
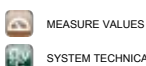
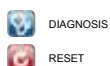
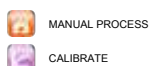




Engine	EDC Euro 3, Engine management system												
Engine	EDC Euro 4/5, Engine management system												
Multiplex	CIM, Chassis Interface Module												
Retarder	Retarder, Retarder												
Safety	Airbag, Airbag												
Suspension	ECS, Electronically controlled suspension system												

VOLVO CYGNUS

Antitheft	ICU, Immobilizer Control Unit												
Gearbox	ECOMAT 2, Automatic gearbox												
Gearbox	GECU, Gearbox lever												
Gearbox	TECU, Transmission												
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control												
Central computer	CC, Body computer												
Central computer	VECU, Vehicle Electronic Control Unit												
Wheel pressure control	TPM, Tire Pressure Monitoring System												
Steering	SW, Steering wheel												
Brakes	ABS, Antilock braking system												
Brakes	EBS Gen 2, Electronic Braking System												
Brakes	EBS Gen 3, Electronic Braking System												
Brakes	EBS5, Electronic Braking System												
Lighting	LECU / LCM, Light Control Unit												
Instrument cluster	IC, Instrument cluster												
Instrument cluster	MD, Instrument cluster - display												
Chassis module	BCU / BBM, Bodywork Module												
Electronic module	BCI, Chassis identification unit												
Engine	EDC Euro 3, Engine management system												
Engine	EDC Euro 4/5, Engine management system												
Multiplex	CIM, Chassis Interface Module												
Retarder	Retarder, Retarder												
Safety	Airbag, Airbag												
Suspension	ECS, Electronically controlled suspension system												





LTC

Engine	EDC DDEC III, Detroit Diesel Electronic Control											
Engine	EDC DDEC IV, Detroit Diesel Electronic Control											
Engine	EDC DDEC V, Detroit Diesel Electronic Control											



250 SB (Euro 5)

Brakes	ABS 6, Antilock braking system						
Engine	ISBe5 285 (Euro 5), Engine control system						

250 SCB

Gearbox	ECOMAT 2, Automatic gearbox						
Brakes	ABS Ci12, Antilock braking system						
Engine	ISBe/ISLe, Engine control system						

Hawk (Euro 5)

Brakes	ABS 6, Antilock braking system						
Engine	ISBe5 285 (Euro 5), Engine control system						

Midilux

Gearbox	ECOMAT 2, Automatic gearbox						
Brakes	ABS Ci12, Antilock braking system						
Engine	ISBe/ISLe, Engine control system						

Probus

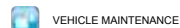
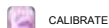
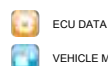
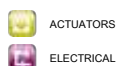
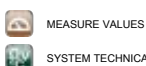
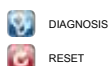
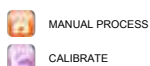
Gearbox	ECOMAT 2, Automatic gearbox						
Brakes	ABS Ci12, Antilock braking system						
Engine	ISBe/ISLe, Engine control system						

Probus 215 SCB (Euro 5)

Brakes	ABS 6, Antilock braking system						
Engine	ECM, Engine control system						

Procity (Euro 5)

Brakes	ABS 6, Antilock braking system						
Engine	ISBe5 285 (Euro 5), Engine control system						





AXIAL EURO 5

Antipollution	EAS/EAS-2, Exhaust gas treatment system								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	EBS 2, Electronic Braking System								
Engine	DMCI, Multi-Controlled Injection								
Retarder	EST-42, Retarder								

FUTURA EURO 3

Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS D, Antilock braking system								
Engine	UPEC, Injector pipe pump with electronic diesel control								
Retarder	EST-42, Retarder								

LEXIO

Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS D, Antilock braking system								
Engine	UPEC, Injector pipe pump with electronic diesel control								

MAGIC EURO 5

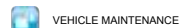
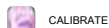
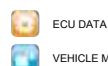
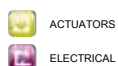
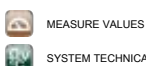
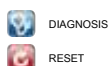
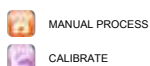
Antipollution	EAS/EAS-2, Exhaust gas treatment system								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	EBS 2, Electronic Braking System								
Engine	DMCI, Multi-Controlled Injection								
Retarder	EST-42, Retarder								

MAGIQ EURO 3

Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS D, Antilock braking system								
Engine	UPEC, Injector pipe pump with electronic diesel control								
Retarder	EST-42, Retarder								

SYNERGY EURO 5

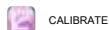
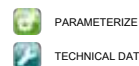
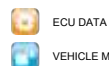
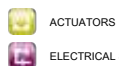
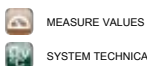
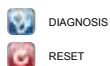
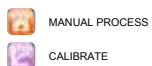
Antipollution	EAS/EAS-2, Exhaust gas treatment system								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	EBS 2, Electronic Braking System								
Engine	DMCI, Multi-Controlled Injection								
Retarder	EST-42, Retarder								





SYNERGY-SBR 4000

Gearbox	AS Tronic, Gearbox with electronic control								
Gearbox	AS Tronic, Gearbox parametrization								
Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS D, Antilock braking system								
Engine	UPEC, Injector pipe pump with electronic diesel control								
Retarder	EST-42, Retarder								





Avancity+ L

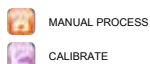
Gearbox	DIWA 3, Automatic gearbox								
Central computer	ADM 2, Vehicle management computer								
Central computer	ADM, Vehicle management computer								
Electronic module	MTS, Door module								
Engine	MR / PLD, Pump-Pipe-Injector with electronic diesel control								

Vivacity+ C

Gearbox	DIWA 3, Automatic gearbox								
Electronic module	MTS, Door module								

Vivacity+ M

Gearbox	DIWA 3, Automatic gearbox								
Electronic module	MTS, Door module								



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA

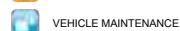
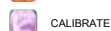
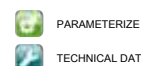
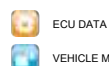
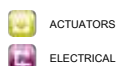
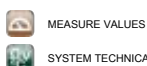
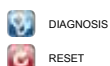
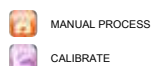


CI200 MB OC500

Gearbox	ECOMAT 2, Automatic gearbox							
Gearbox	GS, Gear shift control							
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater							
Central computer	FR, Electronic gear shift regulation							
Brakes	BS, Braking system							
Brakes	EBS BUS, Electronic Braking System							
Instrument cluster	INS, Instrument cluster							
Engine	MR, Pump-Pipe-Injector with electronic diesel control							
Retarder	RS, Retarder management							
Suspension	ECAS BUS, Electronically controlled suspension system							
Suspension	NR, Level regulation							
Tachograph	TCO, Tachograph							

CT600 MB OC500

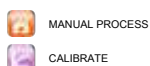
Gearbox	ECOMAT 2, Automatic gearbox							
Gearbox	GS, Gear shift control							
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater							
Central computer	FR, Electronic gear shift regulation							
Brakes	BS, Braking system							
Brakes	EBS BUS, Electronic Braking System							
Instrument cluster	INS, Instrument cluster							
Engine	MR, Pump-Pipe-Injector with electronic diesel control							
Retarder	RS, Retarder management							
Suspension	ECAS BUS, Electronically controlled suspension system							
Suspension	NR, Level regulation							
Tachograph	TCO, Tachograph							



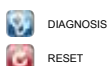


CITADINO VOLVO B7R

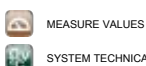
Antitheft	ICU, Immobilizer Control Unit						
Gearbox	GECU, Gearbox lever						
Gearbox	TECU, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control						
Central computer	CC, Body computer						
Central computer	VECU, Vehicle Electronic Control Unit						
Wheel pressure control	TPM, Tire Pressure Monitoring System						
Steering	SW, Steering wheel						
Brakes	ABS, Antilock braking system						
Brakes	EBS Gen 2, Electronic Braking System						
Brakes	EBS Gen 3, Electronic Braking System						
Brakes	EBS5, Electronic Braking System						
Lighting	LECU / LCM, Light Control Unit						
Instrument cluster	IC, Instrument cluster						
Instrument cluster	MD, Instrument cluster - display						
Chassis module	BCU / BBM, Bodywork Module						
Electronic module	BCI, Chassis identification unit						
Engine	EDC Euro 3, Engine management system						
Engine	EDC Euro 4/5, Engine management system						
Multiplex	CIM, Chassis Interface Module						
Retarder	Retarder, Retarder						
Safety	Airbag, Airbag						
Suspension	ECS, Electronically controlled suspension system						



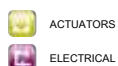
MANUAL PROCESS



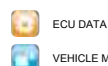
DIAGNOSIS



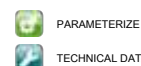
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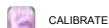
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



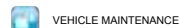
RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA

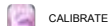
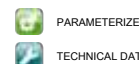
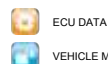
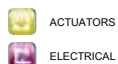
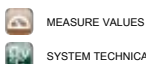
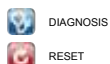
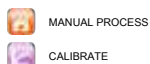


EURORIDER C33

Antipollution	DENOXTRONIC, Exhaust gas treatment system									
Antitheft	Immobilizer, Immobilizer									
Gearbox	ECOMAT 2, Automatic gearbox									
Gearbox	Eurotronic 2, Gearbox with electronic control									
Gearbox	Eurotronic 2, Gearbox parametrization									
Brakes	ABS 2X, Antilock braking system									
Brakes	ABS D, Antilock braking system									
Brakes	ABS E, Antilock braking system									
Brakes	ABS, Antilock braking system									
Brakes	EBS, Electronic Braking System									
Engine	EDC 7 UC31, Electronic diesel control, injection rail									
Engine	EDC 7, Electronic diesel control, injection rail									
Engine	EDC MS6.2, Engine management system, pump-injectors									
Retarder	Intarder CAN, Retarder									
Retarder	Intarder KWP, Retarder									
Suspension	ECAS 4x2 A, Electronically controlled suspension system									
Suspension	ECAS 6X2, Electronically controlled suspension system									
Suspension	ECAS BUS, Electronically controlled suspension system									
Suspension	ECAS KWP, Electronically controlled suspension system									

SCANIA K310

Antitheft	LAS, Locking and alarm system									
Gearbox	ECOMAT 2, Automatic gearbox									
Gearbox	GMS, Gearbox management system									
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air									
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system									
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System									
Central computer	COO, Coordinator									
Brakes	BMS, Brake management system									
Compressed air processing	APS, Compressed air supply									
Lighting	VIS, Visibility system									
Instrument cluster	ICL, Instrument cluster									
Chassis module	BCS, Bus chassis system									
Electronic module	AWD, Four-wheel Drive									
Engine	EMS HPI, High pressure injection system									





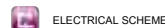
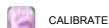
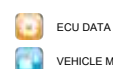
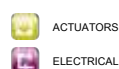
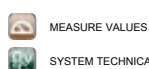
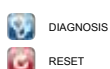
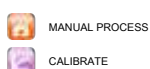
Engine	EMS PDE, Engine management system, pump-injectors	
Engine	EMS XPI, High pressure injection system, injection rail	
Radio	AUS, Audio system	
Safety	CSS, Collision safety system	
Suspension	SMS, Suspension management system	
Tachograph	TCO, Tachograph	
Telematic	RTI, Road transport information	

VOLVO B12B

Antitheft	ICU, Immobilizer Control Unit	
Gearbox	GECU, Gearbox lever	
Gearbox	TECU, Transmission	
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control	
Central computer	CC, Body computer	
Central computer	VECU, Vehicle Electronic Control Unit	
Wheel pressure control	TPM, Tire Pressure Monitoring System	
Steering	SW, Steering wheel	
Brakes	ABS, Antilock braking system	
Brakes	EBS Gen 2, Electronic Braking System	
Brakes	EBS Gen 3, Electronic Braking System	
Brakes	EBS5, Electronic Braking System	
Lighting	LECU / LCM, Light Control Unit	
Instrument cluster	IC, Instrument cluster	
Instrument cluster	MD, Instrument cluster - display	
Chassis module	BCU / BBM, Bodywork Module	
Electronic module	BCI, Chassis identification unit	
Engine	EDC Euro 3, Engine management system	
Engine	EDC Euro 4/5, Engine management system	
Multiplex	CIM, Chassis Interface Module	
Retarder	Retarder, Retarder	
Safety	Airbag, Airbag	
Suspension	ECS, Electronically controlled suspension system	

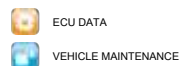
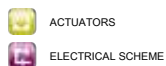
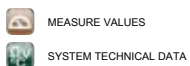
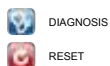
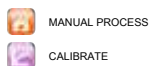
VOLVO B9L

Antitheft	ICU, Immobilizer Control Unit	
Gearbox	GECU, Gearbox lever	
Gearbox	TECU, Transmission	
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control	
Central computer	CC, Body computer	





Central computer	VECU, Vehicle Electronic Control Unit									
Wheel pressure control	TPM, Tire Pressure Monitoring System									
Steering	SW, Steering wheel									
Brakes	ABS, Antilock braking system									
Brakes	EBS Gen 2, Electronic Braking System									
Brakes	EBS Gen 3, Electronic Braking System									
Brakes	EBS5, Electronic Braking System									
Lighting	LECU / LCM, Light Control Unit									
Instrument cluster	IC, Instrument cluster									
Instrument cluster	MD, Instrument cluster - display									
Chassis module	BCU / BBM, Bodywork Module									
Electronic module	BCI, Chassis identification unit									
Engine	EDC Euro 3, Engine management system									
Engine	EDC Euro 4/5, Engine management system									
Multiplex	CIM, Chassis Interface Module									
Retarder	Retarder, Retarder									
Safety	Airbag, Airbag									
Suspension	ECS, Electronically controlled suspension system									





BC 11

Brakes	ABS D, Antilock braking system													
Engine	EDC 7, Electronic diesel control, injection rail													
Retarder	Retarder, Retarder													

BC 9,5

Brakes	ABS C, Antilock braking system													
Brakes	ABS D, Antilock braking system													

BN 12

Antipollution	DENOX2, Exhaust gas treatment system													
Brakes	ABS E, Antilock braking system													
Engine	EDC7 UC31, Engine management system, pump-injectors													
Suspension	ECAS BUS, Electronically controlled suspension system													

BN 18

Antipollution	DENOX2, Exhaust gas treatment system													
Brakes	ABS E, Antilock braking system													
Engine	EDC7 UC31, Engine management system, pump-injectors													
Suspension	ECAS BUS, Electronically controlled suspension system													

EC 11

Brakes	ABS D, Antilock braking system													
Engine	EDC 7, Electronic diesel control, injection rail													
Retarder	Retarder, Retarder													

EC 12

Antipollution	DENOX2, Exhaust gas treatment system													
Brakes	ABS E, Antilock braking system													
Engine	EDC 7, Electronic diesel control, injection rail													
Engine	EDC7 UC31, Engine management system, pump-injectors													
Retarder	Retarder, Retarder													
Suspension	ECAS BUS, Electronically controlled suspension system													

EN 12

Antipollution	DENOX2, Exhaust gas treatment system													
Brakes	ABS E, Antilock braking system													
Engine	EDC7 UC31, Engine management system, pump-injectors													
Suspension	ECAS BUS, Electronically controlled suspension system													

EN 18

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Antipollution	DENOX2, Exhaust gas treatment system								
Brakes	ABS E, Antilock braking system								
Engine	EDC7 UC31, Engine management system, pump-injectors								
Suspension	ECAS BUS, Electronically controlled suspension system								

IC 11

Brakes	ABS D, Antilock braking system								
Brakes	ABS E, Antilock braking system								
Engine	EDC 7, Electronic diesel control, injection rail								
Retarder	Retarder, Retarder								

IC 12

Antipollution	DENOX2, Exhaust gas treatment system								
Brakes	ABS E, Antilock braking system								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC7 UC31, Engine management system, pump-injectors								
Retarder	Retarder, Retarder								
Suspension	ECAS BUS, Electronically controlled suspension system								

IC 9,5

Brakes	ABS C, Antilock braking system								
Brakes	ABS D, Antilock braking system								

LC 11H

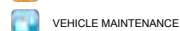
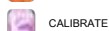
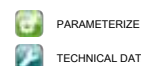
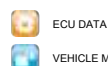
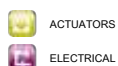
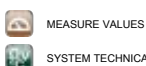
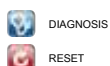
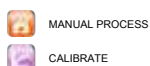
Brakes	ABS D, Antilock braking system								
Engine	EDC 7, Electronic diesel control, injection rail								
Retarder	Retarder, Retarder								

LC 9,5

Brakes	ABS C, Antilock braking system								
Brakes	ABS D, Antilock braking system								

LC 9,5 H

Brakes	ABS C, Antilock braking system								
Brakes	ABS D, Antilock braking system								





BRIGHTER

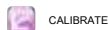
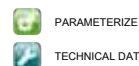
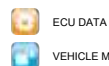
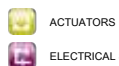
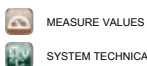
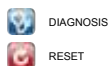
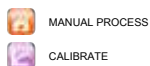
Brakes	ABS, Braking system								
Engine	Cummins ISM, Engine control system								

PICKER

Engine	Cummins ISB 6.7, Engine control system								
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RUNNER

Engine	Cummins ISB 6.7, Engine control system								
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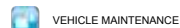
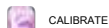
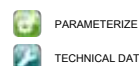
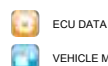
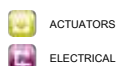
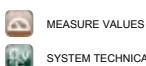
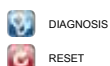
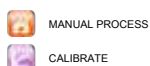


IVECO 150E25

Antitheft	Immobilizer, Immobilizer							
Gearbox	ECOMAT 2, Automatic gearbox							
Gearbox	Eurotronic 2, Gearbox with electronic control							
Gearbox	Eurotronic 2, Gearbox parametrization							
Brakes	ABS 2X, Antilock braking system							
Brakes	ABS D, Antilock braking system							
Brakes	ABS E, Antilock braking system							
Brakes	ABS, Antilock braking system							
Brakes	EBS, Electronic Braking System							
Engine	EDC 7, Electronic diesel control, injection rail							
Engine	EDC MS6.2, Engine management system, pump-injectors							
Retarder	Intarder CAN, Retarder							
Retarder	Intarder KWP, Retarder							
Suspension	ECAS 4x2 A, Electronically controlled suspension system							
Suspension	ECAS 6X2, Electronically controlled suspension system							
Suspension	ECAS BUS, Electronically controlled suspension system							
Suspension	ECAS KWP, Electronically controlled suspension system							

IVECO MidiRider

Antipollution	DENOXTRONIC, Exhaust gas treatment system							
Antitheft	Immobilizer, Immobilizer							
Gearbox	ECOMAT 2, Automatic gearbox							
Gearbox	Eurotronic 2, Gearbox with electronic control							
Gearbox	Eurotronic 2, Gearbox parametrization							
Brakes	ABS 2X, Antilock braking system							
Brakes	ABS D, Antilock braking system							
Brakes	ABS E, Antilock braking system							
Brakes	ABS, Antilock braking system							
Brakes	EBS, Electronic Braking System							
Engine	EDC 7 UC31, Electronic diesel control, injection rail							
Engine	EDC 7, Electronic diesel control, injection rail							
Engine	EDC MS6.2, Engine management system, pump-injectors							
Retarder	Intarder CAN, Retarder							
Retarder	Intarder KWP, Retarder							
Suspension	ECAS 4x2 A, Electronically controlled suspension system							
Suspension	ECAS 6X2, Electronically controlled suspension system							
Suspension	ECAS BUS, Electronically controlled suspension system							
Suspension	ECAS KWP, Electronically controlled suspension system							





MAN 12 240

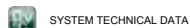
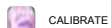
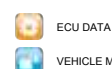
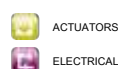
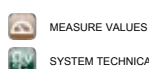
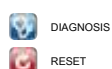
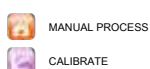
Gearbox	AS Tronic, Gearbox with electronic control												
Gearbox	AS Tronic, Gearbox parametrization												
Gearbox	ECOMAT 2, Automatic gearbox												
HVAC (Heating, Ventilating and Air Conditioning)	ATC, Automatic temperature control												
Central computer	FFR, Vehicle management computer												
Central computer	ZBR II, Body computer												
Brakes	EBS 5, Electronic Braking System												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS6.1, Diesel in-line injection pump												
Retarder	EST-42, Retarder												
Retarder	EST-48, Retarder												
Suspension	ECAS BUS, Electronically controlled suspension system												
Suspension	ECAS CAN, Electronically controlled suspension system												
Suspension	ECAS NFG, Electronically controlled suspension system												

MAN 18 440

Gearbox	AS Tronic, Gearbox with electronic control												
Gearbox	AS Tronic, Gearbox parametrization												
Gearbox	ECOMAT 2, Automatic gearbox												
HVAC (Heating, Ventilating and Air Conditioning)	ATC, Automatic temperature control												
Central computer	FFR, Vehicle management computer												
Central computer	ZBR II, Body computer												
Brakes	EBS 5, Electronic Braking System												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS6.1, Diesel in-line injection pump												
Retarder	EST-42, Retarder												
Retarder	EST-48, Retarder												
Suspension	ECAS BUS, Electronically controlled suspension system												
Suspension	ECAS CAN, Electronically controlled suspension system												
Suspension	ECAS NFG, Electronically controlled suspension system												

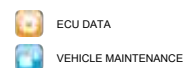
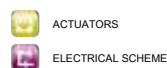
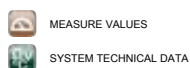
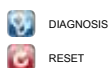
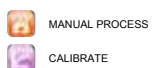
MB OC500

Antipollution	SCR Bluetec, Exhaust gas treatment system												
Gearbox	ECOMAT 2, Automatic gearbox												
Gearbox	GS, Gear shift control												





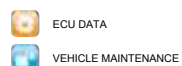
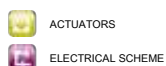
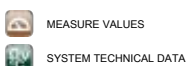
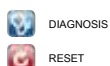
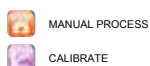
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater								
Central computer	FR, Electronic gear shift regulation								
Brakes	BS, Braking system								
Brakes	EBS BUS, Electronic Braking System								
Instrument cluster	INS, Instrument cluster								
Engine	MR, Pump-Pipe-Injector with electronic diesel control								
Retarder	RS, Retarder management								
Suspension	ECAS BUS, Electronically controlled suspension system								
Suspension	NR, Level regulation								
Tachograph	TCO, Tachograph								





Generic Bus

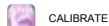
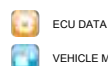
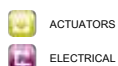
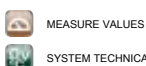
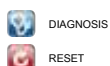
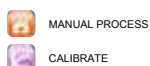
Heater	SAE J1939, Auxiliary heater								
Gearbox	DIWA 5, Automatic gearbox								
Gearbox	EPS, Gear shift control								
Gearbox	GS, Gear shift control								
Gearbox	Opticruise, Gearbox with electronic control								
Gearbox	Transmission SAE J1939, Transmission								
Gearbox	Voith DIWA 3, Automatic gearbox								
Gearbox	ZF AS Tronic, Gearbox with electronic control								
Gearbox	ZF AS Tronic, Gearbox parametrization								
Gearbox	ZF ECOMAT 1, Automatic gearbox								
Gearbox	ZF ECOMAT 2, Automatic gearbox								
Gearbox	ZF Eurotronic 2, Gearbox with electronic control								
Central computer	ADM 2, Vehicle management computer								
Central computer	ADM, Vehicle management computer								
Brakes	EBS SAE, Brake management system								
Brakes	Haldex, ABS DGX, Antilock braking system								
Brakes	Haldex, DGX-I, Antilock braking system								
Brakes	Knorr Bremse, ABS 24/EU12, Antilock braking system								
Brakes	Knorr Bremse, ABS 2X, Antilock braking system								
Brakes	Knorr Bremse, ABS Ci12, Antilock braking system								
Brakes	Knorr Bremse, ABS I8, Antilock braking system								
Brakes	Knorr Bremse, ABS KB3 AL, Antilock braking system								
Brakes	Knorr Bremse, ABS SKN, Antilock braking system								
Brakes	Knorr Bremse, ABS, Antilock braking system								
Brakes	Knorr Bremse, EBS 2.0, Electronic Braking System								
Brakes	Knorr Bremse, EBS 2.1, Electronic Braking System								
Brakes	Knorr Bremse, EBS 2.2, Electronic Braking System								
Brakes	Knorr Bremse, EBS 5, Electronic Braking System								
Brakes	Knorr Bremse, EBS, Electronic Braking System								
Brakes	Wabco, ABS/ASR C, Antilock braking system								
Brakes	Wabco, ABS/ASR D, Antilock braking system								
Brakes	Wabco, ABS/ASR E, Antilock braking system								
Brakes	Wabco, BS, Braking system								
Brakes	Wabco, CBU MAN, Brake central unit								
Brakes	Wabco, CBU, Brake central unit								
Brakes	Wabco, EBS Bus, Electronic Braking System								
Brakes	Wabco, EBS Euro Gen 2, Electronic Braking System								
Brakes	Wabco, EBS Euro, Electronic Braking System								
Electronic module	Wabco MTS, Door module								





GENERIC

Engine	CR, EDC7 UC31, Electronic diesel control, injection rail							
Engine	Cummins SAE, Engine control system							
Engine	DCI EURO 2, Diesel injection control, injection rail							
Engine	DCI EURO 3, Diesel injection control, injection rail							
Engine	Detroit Diesel DDEC III, Detroit Diesel Electronic Control							
Engine	Detroit Diesel DDEC IV, Detroit Diesel Electronic Control							
Engine	Detroit Diesel DDEC V, Detroit Diesel Electronic Control							
Engine	DMCI, Multi-Controlled Injection							
Engine	EDC 16 C39 K Line, Electronic Diesel Control							
Engine	EDC 16 C8, Electronic Diesel Control							
Engine	EDC 7 A, Electronic diesel control, injection rail							
Engine	EDC 7 B, Electronic diesel control, injection rail							
Engine	EDC D12A, Engine management system							
Engine	EDC Detroit Diesel MBE 4000, Engine control system							
Engine	EDC Detroit Diesel MBE 900, Engine control system							
Engine	EDC MS5, Diesel in-line injection pump							
Engine	EDC MS5, Diesel in-line injection pump							
Engine	EDC MS6.1, Diesel in-line injection pump							
Engine	EDC MS6.2, Engine management system, pump-injectors							
Engine	EDC MS6.2, Engine management system, pump-injectors							
Engine	EDC MS6.3, Electronic diesel control, injection rail							
Engine	EDC MS6.4, Distributor diesel injection pump							
Engine	EDC VP 30/44 Variant2, Distributor diesel injection pump							
Engine	EDC_SK, Pump-Pipe-Injector with electronic diesel control							
Engine	EDC7 UC31 Cursor, Engine management system, pump-injectors							
Engine	EMS HPI, High pressure injection system							
Engine	EMS PDE, Engine management system, pump-injectors							
Engine	EMS XPI, High pressure injection system, injection rail							
Engine	E-TECH EURO 2, Pump-Pipe-Injector with electronic diesel control							
Engine	E-TECH EURO 3, Pump-Pipe-Injector with electronic diesel control							
Engine	ITC, Injection timing electronic control							
Engine	MR_I, Pump-Pipe-Injector with electronic diesel control							
Engine	Navistar 3-BOX, Engine control system							
Engine	Navistar DLC I6, Engine control system							
Engine	Navistar DLC V8, Engine control system							
Engine	Navistar DLCII I6, Engine control system							
Engine	Navistar DLCII V6, Engine control system							
Engine	Navistar DLCII V8, Engine control system							
Engine	SAE J1939, Engine control system							

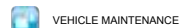
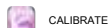
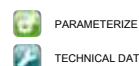
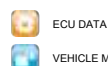
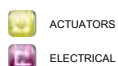
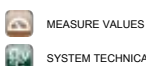
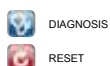
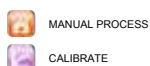




GENERIC



Engine	UPEC, Injector pipe pump with electronic diesel control												
Engine	VMAC, Diesel in-line injection pump												
Retarder	RETARDER SAE, Retarder												
Retarder	Retarder SCANIA, Retarder												
Retarder	RETARDER VOITH, Retarder												
Retarder	RS, Retarder management												
Retarder	ZF EST-42, Retarder												
Retarder	ZF EST-48, Retarder												
Retarder	ZF Intarder CAN, Retarder												
Retarder	ZF Intarder KWP, Retarder												
Suspension	Bosch, ELF, Electronically controlled air suspension												
Suspension	Knorr Bremse, ECS E98, Electronically controlled suspension system												
Suspension	Knorr Bremse, ECS V2, Electronically controlled suspension system												
Suspension	SMS, Suspension management system												
Suspension	SUSPENSION SAE, Electronically controlled suspension system												
Suspension	Wabco, BUS ECAS, Electronically controlled suspension system												
Suspension	Wabco, ECAS 4x2 JED, Electronically controlled suspension system												
Suspension	Wabco, ECAS 4x2 KWP, Electronically controlled suspension system												
Suspension	Wabco, ECAS 4x2 N, Electronically controlled suspension system												
Suspension	Wabco, ECAS 4X2 S2000, Electronically controlled suspension system												
Suspension	Wabco, ECAS 4x2/6x2, Electronically controlled suspension system												
Suspension	Wabco, ECAS 6x2 A, Electronically controlled suspension system												
Suspension	Wabco, ECAS 6x2 DV, Electronically controlled suspension system												
Suspension	Wabco, ECAS CAN2 K, Electronically controlled suspension system												
Suspension	Wabco, ECAS ENR, Level regulation												
Suspension	Wabco, ECAS KWP K, Electronically controlled suspension system												
Suspension	Wabco, ECAS NFG, Electronically controlled suspension system												
Suspension	Wabco, ECAS w/o, Electronically controlled suspension system												
Suspension	Wabco, ECAS/ESAC, Electronically controlled suspension system												
Suspension	Wabco, ECAS4, Electronically controlled suspension system												
Suspension	Wabco, ENR_SK, Level regulation												





EURORIDER

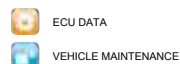
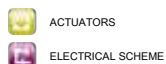
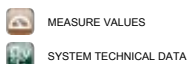
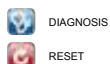
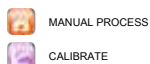
Antipollution	DENOXTRONIC, Exhaust gas treatment system												
Antitheft	Immobilizer, Immobilizer												
Gearbox	ECOMAT 2, Automatic gearbox												
Gearbox	Eurotronic 2, Gearbox with electronic control												
Gearbox	Eurotronic 2, Gearbox parametrization												
Brakes	ABS 2X, Antilock braking system												
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Brakes	ABS, Antilock braking system												
Brakes	EBS, Electronic Braking System												
Engine	EDC 7 UC31, Electronic diesel control, injection rail												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS6.2, Engine management system, pump-injectors												
Retarder	Intarder CAN, Retarder												
Retarder	Intarder KWP, Retarder												
Suspension	ECAS 4x2 A, Electronically controlled suspension system												
Suspension	ECAS 6X2, Electronically controlled suspension system												
Suspension	ECAS BUS, Electronically controlled suspension system												
Suspension	ECAS KWP, Electronically controlled suspension system												

MB OC500

Gearbox	ECOMAT 2, Automatic gearbox												
Gearbox	GS, Gear shift control												
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater												
Central computer	FR, Electronic gear shift regulation												
Brakes	BS, Braking system												
Brakes	EBS BUS, Electronic Braking System												
Instrument cluster	INS, Instrument cluster												
Engine	MR, Pump-Pipe-Injector with electronic diesel control												
Retarder	RS, Retarder management												
Suspension	ECAS BUS, Electronically controlled suspension system												
Suspension	NR, Level regulation												
Tachograph	TCO, Tachograph												

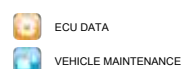
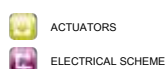
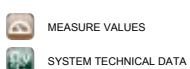
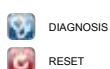
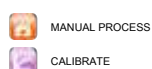
VDL SB400

Antipollution	DENOXTRONIC, Exhaust gas treatment system												
Antitheft	Immobilizer, Immobilizer												
Gearbox	ECOMAT 2, Automatic gearbox												





Gearbox	Eurotronic 2, Gearbox with electronic control									
Gearbox	Eurotronic 2, Gearbox parametrization									
Brakes	ABS 2X, Antilock braking system									
Brakes	ABS D, Antilock braking system									
Brakes	ABS E, Antilock braking system									
Brakes	ABS, Antilock braking system									
Brakes	EBS, Electronic Braking System									
Engine	EDC 7, Electronic diesel control, injection rail									
Engine	EDC MS6.2, Engine management system, pump-injectors									
Engine	EDC7 UC31, Engine management system, pump-injectors									
Retarder	Intarder CAN, Retarder									
Retarder	Intarder KWP, Retarder									
Suspension	ECAS 4x2 A, Electronically controlled suspension system									
Suspension	ECAS 6X2, Electronically controlled suspension system									
Suspension	ECAS BUS, Electronically controlled suspension system									
Suspension	ECAS KWP, Electronically controlled suspension system									





IVECO 100E22

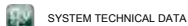
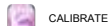
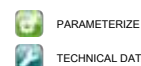
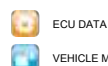
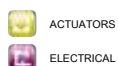
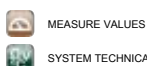
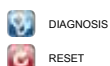
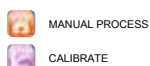
Antitheft	Immobilizer, Immobilizer							
Gearbox	ECOMAT 2, Automatic gearbox							
Gearbox	Eurotronic 2, Gearbox with electronic control							
Gearbox	Eurotronic 2, Gearbox parametrization							
Brakes	ABS 2X, Antilock braking system							
Brakes	ABS C3, Antilock braking system							
Brakes	ABS D, Antilock braking system							
Brakes	ABS E, Antilock braking system							
Brakes	ABS, Antilock braking system							
Brakes	EBS, Electronic Braking System							
Engine	EDC MS6.2, Engine management system, pump-injectors							
Retarder	Intarder CAN, Retarder							
Retarder	Intarder KWP, Retarder							
Suspension	ECAS 4x2 A, Electronically controlled suspension system							
Suspension	ECAS 6X2, Electronically controlled suspension system							
Suspension	ECAS BUS, Electronically controlled suspension system							
Suspension	ECAS KWP, Electronically controlled suspension system							

IVECO MAGO2

Antitheft	Immobilizer, Immobilizer							
Gearbox	ECOMAT 2, Automatic gearbox							
Gearbox	Eurotronic 2, Gearbox with electronic control							
Gearbox	Eurotronic 2, Gearbox parametrization							
Brakes	ABS 2X, Antilock braking system							
Brakes	ABS C3, Antilock braking system							
Brakes	ABS D, Antilock braking system							
Brakes	ABS E, Antilock braking system							
Brakes	ABS, Antilock braking system							
Brakes	EBS, Electronic Braking System							
Engine	EDC MS6.2, Engine management system, pump-injectors							
Retarder	Intarder CAN, Retarder							
Retarder	Intarder KWP, Retarder							
Suspension	ECAS 4x2 A, Electronically controlled suspension system							
Suspension	ECAS 6X2, Electronically controlled suspension system							
Suspension	ECAS BUS, Electronically controlled suspension system							
Suspension	ECAS KWP, Electronically controlled suspension system							

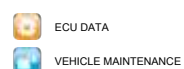
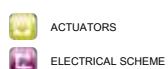
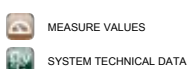
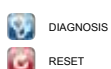
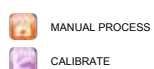
MB ATEGO

Gearbox	ECOMAT 2, Automatic gearbox							
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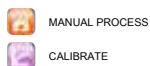
Gearbox	HPS, Hydro-pneumatic control												
Central computer	FR, Electronic gear shift regulation												
Steering	EHZ, Electro-hydraulic auxiliary steering												
Brakes	ABS, Antilock braking system												
Brakes	BS, Braking system												
Brakes	EBS BUS, Electronic Braking System												
Instrument cluster	INS, Instrument cluster												
Maintenance	WS, Maintenance system												
Engine	MR, Pump-Pipe-Injector with electronic diesel control												
Safety	SRS, Airbag												
Suspension	ECAS BUS, Electronically controlled suspension system												
Suspension	NR, Level regulation												
Telematic	FFB, Radio communication commander												





DAILY BUS

HVAC (Heating, Ventilating and Air Conditioning)	CAB CLIMATE MARELLI, Climate control							
Central computer	BC, Body computer							
Brakes	ABS 5.3, Antilock braking system							
Brakes	ABS 8 CAN, Antilock braking system							
Brakes	ABS 8, Antilock braking system							
Instrument cluster	IC, Instrument cluster							
Engine	EDC 16 C39 CAN, Electronic Diesel Control							
Engine	EDC 16 C39 K Line, Electronic Diesel Control							
Engine	EDC 16 C8, Electronic Diesel Control							
Engine	EDC MS6.3, Electronic diesel control, injection rail							
Suspension	ECAS 4X2 S2000, Electronically controlled suspension system							



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



AGORA

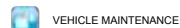
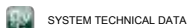
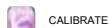
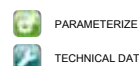
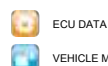
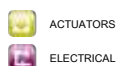
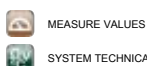
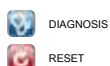
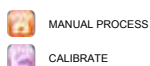
Gearbox	DIWA 3, Automatic gearbox								
Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS 24/EU12, Antilock braking system								
Brakes	ABS I8, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	ABS/ASR E, Antilock braking system								
Engine	ITC, Injection timing electronic control								
Suspension	BUS ECAS, Electronically controlled suspension system								
Suspension	ELF, Electronically controlled air suspension								

ARES

Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS I8, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	ABS/ASR E, Antilock braking system								
Engine	ITC, Injection timing electronic control								
Suspension	BUS ECAS, Electronically controlled suspension system								
Suspension	ELF, Electronically controlled air suspension								

CITY CLASS

Antipollution	DENOX2, Exhaust gas treatment system								
Antitheft	Immobilizer, Immobilizer								
Gearbox	DIWA 3, Automatic gearbox								
Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Gearbox	Eurotronic 2, Gearbox with electronic control								
Gearbox	Eurotronic 2, Gearbox parametrization								
Brakes	ABS/ASR C, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	ABS/ASR E, Antilock braking system								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC MS6.2, Engine management system, pump-injectors								
Engine	EDC7 UC31, Engine management system, pump-injectors								
Retarder	Intarder CAN, Retarder								
Retarder	Intarder KWP, Retarder								
Suspension	BUS ECAS, Electronically controlled suspension system								





DAILY BUS

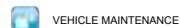
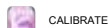
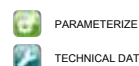
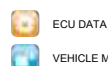
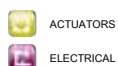
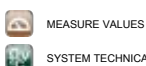
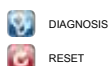
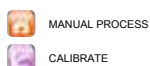
Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
HVAC (Heating, Ventilating and Air Conditioning)	CAB CLIMATE MARELLI, Climate control								
Central computer	BC, Body computer								
Brakes	ABS 5.3, Antilock braking system								
Brakes	ABS 8 CAN, Antilock braking system								
Brakes	ABS 8, Antilock braking system								
Instrument cluster	IC, Instrument cluster								
Engine	EDC 16 C39 CAN, Electronic Diesel Control								
Engine	EDC 16 C39 K Line, Electronic Diesel Control								
Engine	EDC 16 C8, Electronic Diesel Control								
Engine	EDC MS6.3, Electronic diesel control, injection rail								
Safety	AIRBAG TRW, Airbag								
Suspension	ECAS 4x2 S2000, Electronically controlled suspension system								
Suspension	ELF, Electronically controlled air suspension								

DOMINO Euro 3

Gearbox	DIWA 3, Automatic gearbox								
Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS/ASR C, Antilock braking system								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC MS6.2, Engine management system, pump-injectors								
Suspension	BUS ECAS, Electronically controlled suspension system								
Suspension	ELF, Electronically controlled air suspension								

DOMINO Euro 4/5

Antipollution	DENOX2, Exhaust gas treatment system								
Gearbox	DIWA 3, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Gearbox	Eurotronic 2, Gearbox with electronic control								
Gearbox	Eurotronic 2, Gearbox parametrization								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	ABS/ASR E, Antilock braking system								
Engine	EDC7 UC31 CR, Electronic diesel control, injection rail								
Engine	EDC7 UC31 UIS, Engine management system, pump-injectors								
Suspension	BUS ECAS, Electronically controlled suspension system								





EUROCLASS

Gearbox	ECOMAT 1, Automatic gearbox									
Gearbox	ECOMAT 2, Automatic gearbox									
Engine	EDC 7, Electronic diesel control, injection rail									
Engine	EDC MS6.2, Engine management system, pump-injectors									
Suspension	BUS ECAS, Electronically controlled suspension system									
Suspension	ELF, Electronically controlled air suspension									

EUROPOLIS

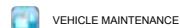
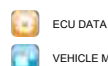
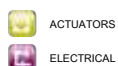
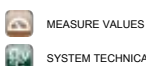
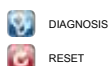
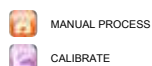
Gearbox	DIWA 3, Automatic gearbox									
Gearbox	ECOMAT 1, Automatic gearbox									
Gearbox	ECOMAT 2, Automatic gearbox									
Brakes	ABS/ASR C, Antilock braking system									
Engine	EDC 7, Electronic diesel control, injection rail									
Engine	EDC MS6.2, Engine management system, pump-injectors									
Suspension	BUS ECAS, Electronically controlled suspension system									

EURORIDER

Antipollution	DENOX2, Exhaust gas treatment system									
Antitheft	Immobilizer, Immobilizer									
Gearbox	DIWA 3, Automatic gearbox									
Gearbox	ECOMAT 1, Automatic gearbox									
Gearbox	ECOMAT 2, Automatic gearbox									
Gearbox	Eurotronic 2, Gearbox with electronic control									
Gearbox	Eurotronic 2, Gearbox parametrization									
Brakes	ABS/ASR C, Antilock braking system									
Brakes	ABS/ASR D, Antilock braking system									
Brakes	ABS/ASR E, Antilock braking system									
Electronic module	VBC, Multiplex									
Engine	EDC 7 UC31, Electronic diesel control, injection rail									
Engine	EDC 7, Electronic diesel control, injection rail									
Engine	EDC MS6.2, Engine management system, pump-injectors									
Retarder	Intarder CAN, Retarder									
Retarder	Intarder KWP, Retarder									
Suspension	BUS ECAS, Electronically controlled suspension system									

MINIBUS

Gearbox	ECOMAT 1, Automatic gearbox									
Gearbox	ECOMAT 2, Automatic gearbox									
HVAC (Heating, Ventilating and Air Conditioning)	CAB CLIMATE MARELLI, Climate control									





Central computer	BC, Body computer											
Brakes	ABS 5.3, Antilock braking system											
Brakes	ABS 8 CAN, Antilock braking system											
Brakes	ABS 8, Antilock braking system											
Instrument cluster	IC, Instrument cluster											
Engine	EDC 16 C39 CAN, Electronic Diesel Control											
Engine	EDC 16 C39 K Line, Electronic Diesel Control											
Engine	EDC 16 C8, Electronic Diesel Control											
Engine	EDC MS6.3, Electronic diesel control, injection rail											
Safety	AIRBAG TRW, Airbag											
Suspension	ECAS 4X2 S2000, Electronically controlled suspension system											
Suspension	ELF, Electronically controlled air suspension											

MY WAY

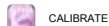
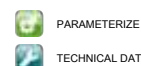
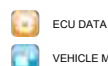
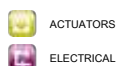
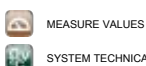
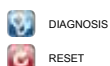
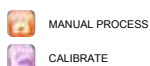
Gearbox	DIWA 3, Automatic gearbox											
Gearbox	ECOMAT 1, Automatic gearbox											
Gearbox	ECOMAT 2, Automatic gearbox											
Brakes	ABS/ASR C, Antilock braking system											
Brakes	ABS/ASR D, Antilock braking system											
Brakes	ABS/ASR E, Antilock braking system											
Engine	EDC 7, Electronic diesel control, injection rail											
Engine	EDC MS6.2, Engine management system, pump-injectors											
Suspension	BUS ECAS, Electronically controlled suspension system											

POLLICINO

Gearbox	DIWA 3, Automatic gearbox											
Gearbox	ECOMAT 1, Automatic gearbox											
Gearbox	ECOMAT 2, Automatic gearbox											
Brakes	ABS/ASR C, Antilock braking system											
Engine	EDC 7, Electronic diesel control, injection rail											
Engine	EDC MS6.2, Engine management system, pump-injectors											
Suspension	BUS ECAS, Electronically controlled suspension system											

RECREO

Gearbox	ECOMAT 1, Automatic gearbox											
Gearbox	ECOMAT 2, Automatic gearbox											
Brakes	ABS 24/EU12, Antilock braking system											
Brakes	ABS I8, Antilock braking system											
Engine	ITC, Injection timing electronic control											
Suspension	BUS ECAS, Electronically controlled suspension system											
Suspension	ELF, Electronically controlled air suspension											





MAN

Gearbox	AS Tronic, Gearbox with electronic control												
Gearbox	AS Tronic, Gearbox parametrization												
Gearbox	DIWA 5, Automatic gearbox												
Gearbox	ECOMAT 2, Automatic gearbox												
HVAC (Heating, Ventilating and Air Conditioning)	ATC, Automatic temperature control												
Central computer	FFR, Vehicle management computer												
Central computer	ZBR II, Body computer												
Brakes	EBS 5, Electronic Braking System												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS6.1, Diesel in-line injection pump												
Retarder	EST-42, Retarder												
Retarder	EST-48, Retarder												
Suspension	ECAS BUS, Electronically controlled suspension system												
Suspension	ECAS CAN, Electronically controlled suspension system												
Suspension	ECAS NFG, Electronically controlled suspension system												

MERCEDES

Gearbox	ECOMAT 2, Automatic gearbox												
Gearbox	GS, Gear shift control												
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater												
Central computer	ADM 2, Vehicle management computer												
Central computer	ADM, Vehicle management computer												
Central computer	FR, Electronic gear shift regulation												
Brakes	BS, Braking system												
Brakes	EBS BUS, Electronic Braking System												
Instrument cluster	INS, Instrument cluster												
Engine	MR, Pump-Pipe-Injector with electronic diesel control												
Retarder	RS, Retarder management												
Suspension	ECAS BUS, Electronically controlled suspension system												
Suspension	NR, Level regulation												
Tachograph	TCO, Tachograph												

SCANIA Series 4

Gearbox	ECOMAT 1, Automatic gearbox												
Gearbox	ECOMAT 2, Automatic gearbox												
Gearbox	Opticruise, Gearbox with electronic control												

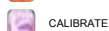
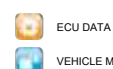
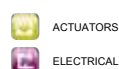
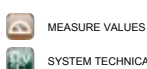
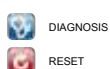
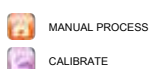
MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Brakes	ABS D, Antilock braking system	
Engine	MS 6.2, Engine management system, pump-injectors	
Engine	MS5, Diesel in-line injection pump	
Retarder	RETARDER, Retarder	
Suspension	ECAS 4X2, Electronically controlled suspension system	
Suspension	ECAS 6X2, Electronically controlled suspension system	
Suspension	ELC Bosch, Electronically controlled air suspension	

SCANIA Series K

Antitheft	LAS, Locking and alarm system	
Gearbox	ECOMAT 2, Automatic gearbox	
Gearbox	GMS, Gearbox management system	
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air	
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system	
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System	
Central computer	COO, Coordinator	
Brakes	BMS, Brake management system	
Compressed air processing	APS, Compressed air supply	
Lighting	VIS, Visibility system	
Instrument cluster	ICL, Instrument cluster	
Chassis module	BCS, Bus chassis system	
Electronic module	AWD, Four-wheel Drive	
Engine	EMS HPI, High pressure injection system	
Engine	EMS PDE, Engine management system, pump-injectors	
Engine	EMS XPI, High pressure injection system, injection rail	
Radio	AUS, Audio system	
Safety	CSS, Collision safety system	
Suspension	SMS, Suspension management system	
Tachograph	TCO, Tachograph	
Telematic	RTI, Road transport information	





ISUZU



ROYBUS

Brakes ABS D, Antilock braking system



Brakes ABS E, Antilock braking system

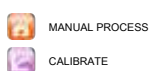


TURKUAZ

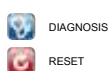
Brakes ABS D, Antilock braking system



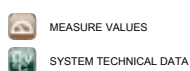
Brakes ABS E, Antilock braking system



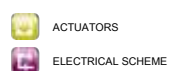
MANUAL PROCESS



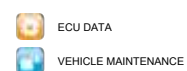
DIAGNOSIS



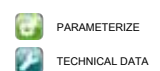
MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



CITYCLASS

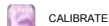
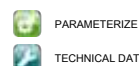
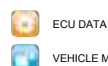
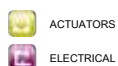
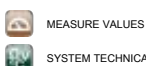
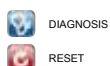
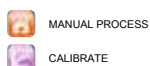
Antipollution	DENOX2, Exhaust gas treatment system	
Antitheft	Immobilizer, Immobilizer	
Gearbox	DIWA 3, Automatic gearbox	
Gearbox	ECOMAT 1, Automatic gearbox	
Gearbox	ECOMAT 2, Automatic gearbox	
Gearbox	Eurotronic 2, Gearbox with electronic control	
Gearbox	Eurotronic 2, Gearbox parametrization	
Brakes	ABS/ASR C, Antilock braking system	
Brakes	ABS/ASR D, Antilock braking system	
Brakes	ABS/ASR E, Antilock braking system	
Engine	EDC 7, Electronic diesel control, injection rail	
Engine	EDC MS6.2, Engine management system, pump-injectors	
Engine	EDC7 UC31, Engine management system, pump-injectors	
Retarder	Intarder CAN, Retarder	
Retarder	Intarder KWP, Retarder	
Suspension	BUS ECAS, Electronically controlled suspension system	

DAILY BUS

Gearbox	ECOMAT 1, Automatic gearbox	
Gearbox	ECOMAT 2, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CAB CLIMATE MARELLI, Climate control	
Central computer	BC, Body computer	
Brakes	ABS 5.3, Antilock braking system	
Brakes	ABS 8 CAN, Antilock braking system	
Brakes	ABS 8, Antilock braking system	
Instrument cluster	IC, Instrument cluster	
Engine	EDC 16 C39 CAN, Electronic Diesel Control	
Engine	EDC 16 C39 K Line, Electronic Diesel Control	
Engine	EDC 16 C8, Electronic Diesel Control	
Engine	EDC MS6.3, Electronic diesel control, injection rail	
Safety	AIRBAG TRW, Airbag	
Suspension	ECAS 4x2 S2000, Electronically controlled suspension system	
Suspension	ELF, Electronically controlled air suspension	

DOMINO 2001

Gearbox	ECOMAT 1, Automatic gearbox	
Gearbox	ECOMAT 2, Automatic gearbox	
Brakes	ABS/ASR C, Antilock braking system	





Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS6.2, Engine management system, pump-injectors												
Suspension	BUS ECAS, Electronically controlled suspension system												
Suspension	ELF, Electronically controlled air suspension												

EUROCLASS

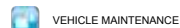
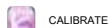
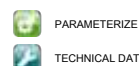
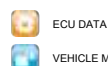
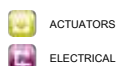
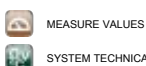
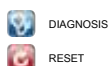
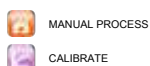
Gearbox	ECOMAT 1, Automatic gearbox												
Gearbox	ECOMAT 2, Automatic gearbox												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS6.2, Engine management system, pump-injectors												
Suspension	BUS ECAS, Electronically controlled suspension system												
Suspension	ELF, Electronically controlled air suspension												

EUROPOLIS

Gearbox	DIWA 3, Automatic gearbox												
Gearbox	ECOMAT 1, Automatic gearbox												
Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	ABS/ASR C, Antilock braking system												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS6.2, Engine management system, pump-injectors												
Suspension	BUS ECAS, Electronically controlled suspension system												

EURORIDER

Antipollution	DENOX2, Exhaust gas treatment system												
Antitheft	Immobilizer, Immobilizer												
Gearbox	DIWA 3, Automatic gearbox												
Gearbox	ECOMAT 1, Automatic gearbox												
Gearbox	ECOMAT 2, Automatic gearbox												
Gearbox	Eurotronic 2, Gearbox with electronic control												
Gearbox	Eurotronic 2, Gearbox parametrization												
Brakes	ABS/ASR C, Antilock braking system												
Brakes	ABS/ASR D, Antilock braking system												
Brakes	ABS/ASR E, Antilock braking system												
Electronic module	VBC, Multiplex												
Engine	EDC 7 UC31, Electronic diesel control, injection rail												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS6.2, Engine management system, pump-injectors												
Retarder	Intarder CAN, Retarder												
Retarder	Intarder KWP, Retarder												
Suspension	BUS ECAS, Electronically controlled suspension system												





MINIBUS

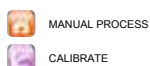
Gearbox	ECOMAT 1, Automatic gearbox							
Gearbox	ECOMAT 2, Automatic gearbox							
HVAC (Heating, Ventilating and Air Conditioning)	CAB CLIMATE MARELLI, Climate control							
Central computer	BC, Body computer							
Brakes	ABS 5.3, Antilock braking system							
Brakes	ABS 8 CAN, Antilock braking system							
Brakes	ABS 8, Antilock braking system							
Instrument cluster	IC, Instrument cluster							
Engine	EDC 16 C39 CAN, Electronic Diesel Control							
Engine	EDC 16 C39 K Line, Electronic Diesel Control							
Engine	EDC 16 C8, Electronic Diesel Control							
Engine	EDC MS6.3, Electronic diesel control, injection rail							
Safety	AIRBAG TRW, Airbag							
Suspension	ECAS 4X2 S2000, Electronically controlled suspension system							
Suspension	ELF, Electronically controlled air suspension							

MY WAY

Gearbox	DIWA 3, Automatic gearbox							
Gearbox	ECOMAT 1, Automatic gearbox							
Gearbox	ECOMAT 2, Automatic gearbox							
Brakes	ABS/ASR C, Antilock braking system							
Brakes	ABS/ASR D, Antilock braking system							
Brakes	ABS/ASR E, Antilock braking system							
Engine	EDC 7, Electronic diesel control, injection rail							
Engine	EDC MS6.2, Engine management system, pump-injectors							
Suspension	BUS ECAS, Electronically controlled suspension system							

POLLICINO

Gearbox	DIWA 3, Automatic gearbox							
Gearbox	ECOMAT 1, Automatic gearbox							
Gearbox	ECOMAT 2, Automatic gearbox							
Brakes	ABS/ASR C, Antilock braking system							
Engine	EDC 7, Electronic diesel control, injection rail							
Engine	EDC MS6.2, Engine management system, pump-injectors							
Suspension	BUS ECAS, Electronically controlled suspension system							



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



EL 223/283

Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS Ci12, Antilock braking system								
Brakes	ABS KB3AL, Antilock braking system								
Brakes	ABS/ASR C, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC MS5, Diesel in-line injection pump								
Engine	EDC MS6.1, Diesel in-line injection pump								
Engine	EDC MS6.4, Distributor diesel injection pump								
Suspension	BUS ECAS, Electronically controlled suspension system								

EM 220

Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS Ci12, Antilock braking system								
Brakes	ABS KB3AL, Antilock braking system								
Brakes	ABS/ASR C, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC MS5, Diesel in-line injection pump								
Engine	EDC MS6.1, Diesel in-line injection pump								
Engine	EDC MS6.4, Distributor diesel injection pump								
Suspension	BUS ECAS, Electronically controlled suspension system								

EM 222

Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS Ci12, Antilock braking system								
Brakes	ABS KB3AL, Antilock braking system								
Brakes	ABS/ASR C, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC MS5, Diesel in-line injection pump								
Engine	EDC MS6.1, Diesel in-line injection pump								
Engine	EDC MS6.4, Distributor diesel injection pump								
Suspension	BUS ECAS, Electronically controlled suspension system								

EM 223

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



MAN



Gearbox	DIWA 3, Automatic gearbox									
Gearbox	ECOMAT 1, Automatic gearbox									
Gearbox	ECOMAT 2, Automatic gearbox									
Brakes	ABS Ci12, Antilock braking system									
Brakes	ABS KB3AL, Antilock braking system									
Brakes	ABS/ASR C, Antilock braking system									
Brakes	ABS/ASR D, Antilock braking system									
Engine	EDC 7, Electronic diesel control, injection rail									
Engine	EDC MS5, Diesel in-line injection pump									
Engine	EDC MS6.1, Diesel in-line injection pump									
Engine	EDC MS6.4, Distributor diesel injection pump									
Suspension	BUS ECAS, Electronically controlled suspension system									

EM 283

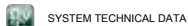
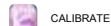
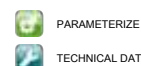
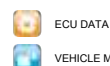
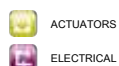
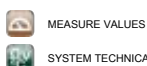
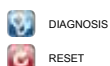
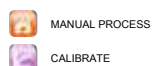
Gearbox	ECOMAT 1, Automatic gearbox									
Gearbox	ECOMAT 2, Automatic gearbox									
Brakes	ABS Ci12, Antilock braking system									
Brakes	ABS KB3AL, Antilock braking system									
Brakes	ABS/ASR C, Antilock braking system									
Brakes	ABS/ASR D, Antilock braking system									
Engine	EDC 7, Electronic diesel control, injection rail									
Engine	EDC MS5, Diesel in-line injection pump									
Engine	EDC MS6.1, Diesel in-line injection pump									
Engine	EDC MS6.4, Distributor diesel injection pump									
Suspension	BUS ECAS, Electronically controlled suspension system									

ND 222

Brakes	ABS Ci12, Antilock braking system									
Brakes	ABS KB3AL, Antilock braking system									
Brakes	ABS/ASR C, Antilock braking system									
Brakes	ABS/ASR D, Antilock braking system									
Engine	EDC 7, Electronic diesel control, injection rail									
Engine	EDC MS5, Diesel in-line injection pump									
Engine	EDC MS6.1, Diesel in-line injection pump									
Engine	EDC MS6.4, Distributor diesel injection pump									
Suspension	BUS ECAS, Electronically controlled suspension system									

NG 262

Brakes	ABS Ci12, Antilock braking system									
Brakes	ABS KB3AL, Antilock braking system									
Brakes	ABS/ASR C, Antilock braking system									





Brakes	ABS/ASR D, Antilock braking system												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC MS6.1, Diesel in-line injection pump												
Engine	EDC MS6.4, Distributor diesel injection pump												
Suspension	BUS ECAS, Electronically controlled suspension system												

NG/SG 263 LION'S CLASSIC G

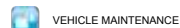
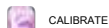
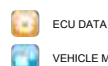
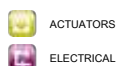
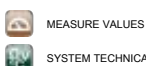
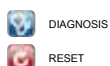
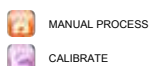
Gearbox	DIWA 3, Automatic gearbox												
Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	ABS Ci12, Antilock braking system												
Brakes	ABS KB3AL, Antilock braking system												
Brakes	ABS/ASR C, Antilock braking system												
Brakes	ABS/ASR D, Antilock braking system												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC MS6.1, Diesel in-line injection pump												
Engine	EDC MS6.4, Distributor diesel injection pump												
Suspension	BUS ECAS, Electronically controlled suspension system												

NG/SG 313 LION'S CLASSIC G

Gearbox	DIWA 3, Automatic gearbox												
Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	ABS Ci12, Antilock braking system												
Brakes	ABS KB3AL, Antilock braking system												
Brakes	ABS/ASR C, Antilock braking system												
Brakes	ABS/ASR D, Antilock braking system												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Electronic module	MTS, Door module												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC MS6.1, Diesel in-line injection pump												
Engine	EDC MS6.4, Distributor diesel injection pump												
Suspension	BUS ECAS, Electronically controlled suspension system												

NL 223 LION'S CLASSIC

Gearbox	DIWA 3, Automatic gearbox												
Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	ABS Ci12, Antilock braking system												





Brakes	ABS KB3AL, Antilock braking system							
Brakes	ABS/ASR C, Antilock braking system							
Brakes	ABS/ASR D, Antilock braking system							
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System							
Engine	EDC 7, Electronic diesel control, injection rail							
Engine	EDC MS5, Diesel in-line injection pump							
Engine	EDC MS6.1, Diesel in-line injection pump							
Engine	EDC MS6.4, Distributor diesel injection pump							
Suspension	BUS ECAS, Electronically controlled suspension system							

NL 243 LION'S CLASSIC

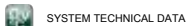
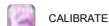
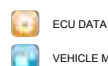
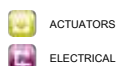
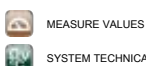
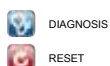
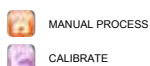
Gearbox	DIWA 3, Automatic gearbox							
Gearbox	ECOMAT 2, Automatic gearbox							
Brakes	ABS Ci12, Antilock braking system							
Brakes	ABS KB3AL, Antilock braking system							
Brakes	ABS/ASR C, Antilock braking system							
Brakes	ABS/ASR D, Antilock braking system							
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System							
Engine	EDC 7, Electronic diesel control, injection rail							
Engine	EDC MS5, Diesel in-line injection pump							
Engine	EDC MS6.1, Diesel in-line injection pump							
Engine	EDC MS6.4, Distributor diesel injection pump							
Suspension	BUS ECAS, Electronically controlled suspension system							

NL 263 LION'S CLASSIC

Gearbox	DIWA 3, Automatic gearbox							
Gearbox	ECOMAT 2, Automatic gearbox							
Brakes	ABS Ci12, Antilock braking system							
Brakes	ABS KB3AL, Antilock braking system							
Brakes	ABS/ASR C, Antilock braking system							
Brakes	ABS/ASR D, Antilock braking system							
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System							
Electronic module	MTS, Door module							
Engine	EDC 7, Electronic diesel control, injection rail							
Engine	EDC MS5, Diesel in-line injection pump							
Engine	EDC MS6.1, Diesel in-line injection pump							
Engine	EDC MS6.4, Distributor diesel injection pump							
Suspension	BUS ECAS, Electronically controlled suspension system							

NL 283 LION'S CLASSIC

Gearbox	DIWA 3, Automatic gearbox							
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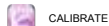
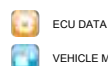
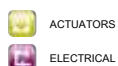
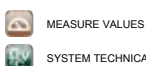
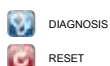
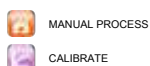
Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	ABS Ci12, Antilock braking system												
Brakes	ABS KB3AL, Antilock braking system												
Brakes	ABS/ASR C, Antilock braking system												
Brakes	ABS/ASR D, Antilock braking system												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Electronic module	MTS, Door module												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC MS6.1, Diesel in-line injection pump												
Engine	EDC MS6.4, Distributor diesel injection pump												
Suspension	BUS ECAS, Electronically controlled suspension system												

NL 313 LION'S CLASSIC

Gearbox	DIWA 3, Automatic gearbox												
Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	ABS Ci12, Antilock braking system												
Brakes	ABS KB3AL, Antilock braking system												
Brakes	ABS/ASR C, Antilock braking system												
Brakes	ABS/ASR D, Antilock braking system												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Electronic module	MTS, Door module												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC MS6.1, Diesel in-line injection pump												
Engine	EDC MS6.4, Distributor diesel injection pump												
Suspension	BUS ECAS, Electronically controlled suspension system												

NL 363 LION'S CLASSIC

Gearbox	DIWA 3, Automatic gearbox												
Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	ABS Ci12, Antilock braking system												
Brakes	ABS KB3AL, Antilock braking system												
Brakes	ABS/ASR C, Antilock braking system												
Brakes	ABS/ASR D, Antilock braking system												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Electronic module	MTS, Door module												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC MS6.1, Diesel in-line injection pump												
Engine	EDC MS6.4, Distributor diesel injection pump												





Suspension

BUS ECAS, Electronically controlled suspension system



NM 223

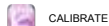
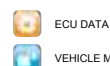
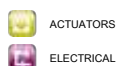
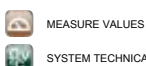
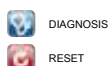
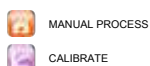
Gearbox	DIWA 3, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS Ci12, Antilock braking system								
Brakes	ABS KB3AL, Antilock braking system								
Brakes	ABS/ASR C, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC MS5, Diesel in-line injection pump								
Engine	EDC MS6.1, Diesel in-line injection pump								
Engine	EDC MS6.4, Distributor diesel injection pump								
Suspension	BUS ECAS, Electronically controlled suspension system								

NM 283

Gearbox	DIWA 3, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS Ci12, Antilock braking system								
Brakes	ABS KB3AL, Antilock braking system								
Brakes	ABS/ASR C, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System								
Electronic module	MTS, Door module								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC MS5, Diesel in-line injection pump								
Engine	EDC MS6.1, Diesel in-line injection pump								
Engine	EDC MS6.4, Distributor diesel injection pump								
Suspension	BUS ECAS, Electronically controlled suspension system								

NÜ 263 LION'S CLASSIC

Gearbox	DIWA 3, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS Ci12, Antilock braking system								
Brakes	ABS KB3AL, Antilock braking system								
Brakes	ABS/ASR C, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System								
Electronic module	MTS, Door module								
Engine	EDC 7, Electronic diesel control, injection rail								





Engine	EDC MS5, Diesel in-line injection pump								
Engine	EDC MS6.1, Diesel in-line injection pump								
Engine	EDC MS6.4, Distributor diesel injection pump								
Suspension	BUS ECAS, Electronically controlled suspension system								

NÜ 283 LION'S CLASSIC

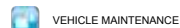
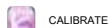
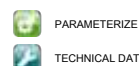
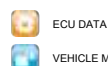
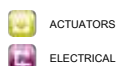
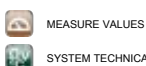
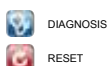
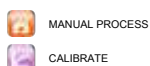
Gearbox	DIWA 3, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS Ci12, Antilock braking system								
Brakes	ABS KB3AL, Antilock braking system								
Brakes	ABS/ASR C, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System								
Electronic module	MTS, Door module								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC MS5, Diesel in-line injection pump								
Engine	EDC MS6.1, Diesel in-line injection pump								
Engine	EDC MS6.4, Distributor diesel injection pump								
Suspension	BUS ECAS, Electronically controlled suspension system								

NÜ 313 LION'S CLASSIC

Gearbox	DIWA 3, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS Ci12, Antilock braking system								
Brakes	ABS KB3AL, Antilock braking system								
Brakes	ABS/ASR C, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System								
Electronic module	MTS, Door module								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC MS5, Diesel in-line injection pump								
Engine	EDC MS6.1, Diesel in-line injection pump								
Engine	EDC MS6.4, Distributor diesel injection pump								
Suspension	BUS ECAS, Electronically controlled suspension system								

NÜ 363 LION'S CLASSIC

Gearbox	DIWA 3, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS Ci12, Antilock braking system								
Brakes	ABS KB3AL, Antilock braking system								
Brakes	ABS/ASR C, Antilock braking system								





Brakes	ABS/ASR D, Antilock braking system												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Electronic module	MTS, Door module												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC MS6.1, Diesel in-line injection pump												
Engine	EDC MS6.4, Distributor diesel injection pump												
Suspension	BUS ECAS, Electronically controlled suspension system												

R 313 LION'S COMFORT

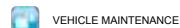
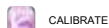
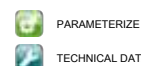
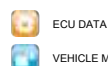
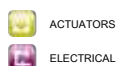
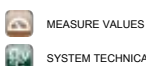
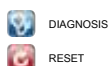
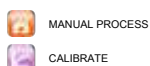
Gearbox	ECOMAT 2, Automatic gearbox												
Gearbox	TipTronic, Gearbox with electronic control												
Gearbox	TipTronic, Gearbox parametrization												
Brakes	ABS Ci12, Antilock braking system												
Brakes	ABS KB3AL, Antilock braking system												
Brakes	ABS/ASR C, Antilock braking system												
Brakes	ABS/ASR D, Antilock braking system												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Electronic module	MTS, Door module												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC MS6.1, Diesel in-line injection pump												
Engine	EDC MS6.4, Distributor diesel injection pump												
Suspension	BUS ECAS, Electronically controlled suspension system												

R 363 LION'S COMFORT

Gearbox	DIWA 3, Automatic gearbox												
Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	ABS Ci12, Antilock braking system												
Brakes	ABS KB3AL, Antilock braking system												
Brakes	ABS/ASR C, Antilock braking system												
Brakes	ABS/ASR D, Antilock braking system												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC MS6.1, Diesel in-line injection pump												
Engine	EDC MS6.4, Distributor diesel injection pump												
Suspension	BUS ECAS, Electronically controlled suspension system												

RH 352 LION'S COACH

Gearbox	ECOMAT 2, Automatic gearbox												
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Brakes	ABS Ci12, Antilock braking system										
Brakes	ABS KB3AL, Antilock braking system										
Brakes	ABS/ASR C, Antilock braking system										
Brakes	ABS/ASR D, Antilock braking system										
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System										
Engine	EDC 7, Electronic diesel control, injection rail										
Engine	EDC MS5, Diesel in-line injection pump										
Engine	EDC MS6.1, Diesel in-line injection pump										
Engine	EDC MS6.4, Distributor diesel injection pump										
Retarder	EST-48, Retarder										
Suspension	BUS ECAS, Electronically controlled suspension system										

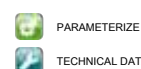
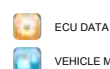
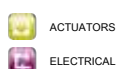
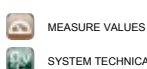
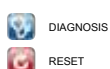
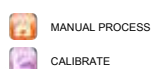
RH 352 LION'S STAR

Gearbox	ECOMAT 2, Automatic gearbox										
Brakes	ABS Ci12, Antilock braking system										
Brakes	ABS KB3AL, Antilock braking system										
Brakes	ABS/ASR C, Antilock braking system										
Brakes	ABS/ASR D, Antilock braking system										
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System										
Engine	EDC 7, Electronic diesel control, injection rail										
Engine	EDC MS5, Diesel in-line injection pump										
Engine	EDC MS6.1, Diesel in-line injection pump										
Engine	EDC MS6.4, Distributor diesel injection pump										
Retarder	EST-48, Retarder										
Suspension	BUS ECAS, Electronically controlled suspension system										

RH 402 LION'S COACH

Gearbox	ECOMAT 2, Automatic gearbox										
Brakes	ABS Ci12, Antilock braking system										
Brakes	ABS KB3AL, Antilock braking system										
Brakes	ABS/ASR C, Antilock braking system										
Brakes	ABS/ASR D, Antilock braking system										
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System										
Engine	EDC 7, Electronic diesel control, injection rail										
Engine	EDC MS5, Diesel in-line injection pump										
Engine	EDC MS6.1, Diesel in-line injection pump										
Engine	EDC MS6.4, Distributor diesel injection pump										
Retarder	EST-48, Retarder										
Suspension	BUS ECAS, Electronically controlled suspension system										

RH 402 LION'S STAR





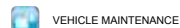
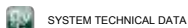
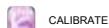
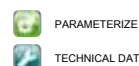
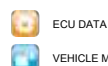
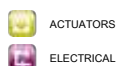
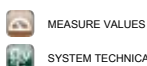
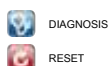
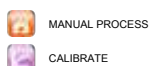
Gearbox	ECOMAT 2, Automatic gearbox									
Brakes	ABS Ci12, Antilock braking system									
Brakes	ABS KB3AL, Antilock braking system									
Brakes	ABS/ASR C, Antilock braking system									
Brakes	ABS/ASR D, Antilock braking system									
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System									
Engine	EDC 7, Electronic diesel control, injection rail									
Engine	EDC MS5, Diesel in-line injection pump									
Engine	EDC MS6.1, Diesel in-line injection pump									
Engine	EDC MS6.4, Distributor diesel injection pump									
Retarder	EST-48, Retarder									
Suspension	BUS ECAS, Electronically controlled suspension system									

RH 403 LION'S TOP COACH

Gearbox	ECOMAT 2, Automatic gearbox									
Gearbox	TipTronic, Gearbox with electronic control									
Gearbox	TipTronic, Gearbox parametrization									
Brakes	ABS Ci12, Antilock braking system									
Brakes	ABS KB3AL, Antilock braking system									
Brakes	ABS/ASR C, Antilock braking system									
Brakes	ABS/ASR D, Antilock braking system									
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System									
Engine	EDC 7, Electronic diesel control, injection rail									
Engine	EDC MS5, Diesel in-line injection pump									
Engine	EDC MS6.1, Diesel in-line injection pump									
Engine	EDC MS6.4, Distributor diesel injection pump									
Retarder	EST-48, Retarder									
Suspension	BUS ECAS, Electronically controlled suspension system									

RH 463 LION'S STAR

Gearbox	ECOMAT 2, Automatic gearbox									
Gearbox	TipTronic, Gearbox with electronic control									
Gearbox	TipTronic, Gearbox parametrization									
Brakes	ABS Ci12, Antilock braking system									
Brakes	ABS KB3AL, Antilock braking system									
Brakes	ABS/ASR C, Antilock braking system									
Brakes	ABS/ASR D, Antilock braking system									
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System									
Engine	EDC 7, Electronic diesel control, injection rail									
Engine	EDC MS5, Diesel in-line injection pump									
Engine	EDC MS6.1, Diesel in-line injection pump									





Engine	EDC MS6.4, Distributor diesel injection pump									
Retarder	EST-48, Retarder									
Suspension	BUS ECAS, Electronically controlled suspension system									

RH 463 LION'S TOP COACH

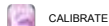
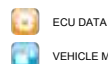
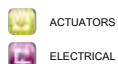
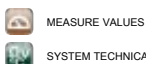
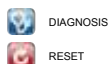
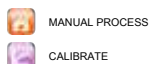
Gearbox	ECOMAT 2, Automatic gearbox									
Gearbox	TipTronic, Gearbox with electronic control									
Gearbox	TipTronic, Gearbox parametrization									
Brakes	ABS Ci12, Antilock braking system									
Brakes	ABS KB3AL, Antilock braking system									
Brakes	ABS/ASR C, Antilock braking system									
Brakes	ABS/ASR D, Antilock braking system									
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System									
Engine	EDC 7, Electronic diesel control, injection rail									
Engine	EDC MS5, Diesel in-line injection pump									
Engine	EDC MS6.1, Diesel in-line injection pump									
Engine	EDC MS6.4, Distributor diesel injection pump									
Retarder	EST-48, Retarder									
Suspension	BUS ECAS, Electronically controlled suspension system									

RHC 414 LION'S COACH

Gearbox	ECOMAT 2, Automatic gearbox									
Gearbox	TipTronic, Gearbox with electronic control									
Gearbox	TipTronic, Gearbox parametrization									
Brakes	ABS Ci12, Antilock braking system									
Brakes	ABS KB3AL, Antilock braking system									
Brakes	ABS/ASR C, Antilock braking system									
Brakes	ABS/ASR D, Antilock braking system									
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System									
Engine	EDC 7, Electronic diesel control, injection rail									
Engine	EDC MS5, Diesel in-line injection pump									
Engine	EDC MS6.1, Diesel in-line injection pump									
Engine	EDC MS6.4, Distributor diesel injection pump									
Retarder	EST-48, Retarder									
Suspension	BUS ECAS, Electronically controlled suspension system									

RHC 414 LION'S TOP COACH

Gearbox	ECOMAT 2, Automatic gearbox									
Gearbox	TipTronic, Gearbox with electronic control									
Gearbox	TipTronic, Gearbox parametrization									
Brakes	ABS Ci12, Antilock braking system									





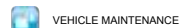
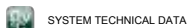
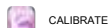
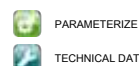
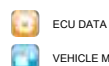
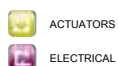
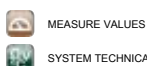
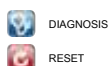
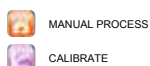
Brakes	ABS KB3AL, Antilock braking system								
Brakes	ABS/ASR C, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC MS5, Diesel in-line injection pump								
Engine	EDC MS6.1, Diesel in-line injection pump								
Engine	EDC MS6.4, Distributor diesel injection pump								
Retarder	EST-48, Retarder								
Suspension	BUS ECAS, Electronically controlled suspension system								

RHC 464 LION'S COACH

Gearbox	ECOMAT 2, Automatic gearbox								
Gearbox	TipTronic, Gearbox with electronic control								
Gearbox	TipTronic, Gearbox parametrization								
Brakes	ABS Ci12, Antilock braking system								
Brakes	ABS KB3AL, Antilock braking system								
Brakes	ABS/ASR C, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC MS5, Diesel in-line injection pump								
Engine	EDC MS6.1, Diesel in-line injection pump								
Engine	EDC MS6.4, Distributor diesel injection pump								
Retarder	EST-48, Retarder								
Suspension	BUS ECAS, Electronically controlled suspension system								

RHC 464 LION'S TOP COACH

Gearbox	ECOMAT 2, Automatic gearbox								
Gearbox	TipTronic, Gearbox with electronic control								
Gearbox	TipTronic, Gearbox parametrization								
Brakes	ABS Ci12, Antilock braking system								
Brakes	ABS KB3AL, Antilock braking system								
Brakes	ABS/ASR C, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC MS5, Diesel in-line injection pump								
Engine	EDC MS6.1, Diesel in-line injection pump								
Engine	EDC MS6.4, Distributor diesel injection pump								
Retarder	EST-48, Retarder								





Suspension	BUS ECAS, Electronically controlled suspension system								
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RHS 414 LION'S STAR

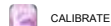
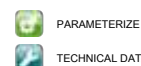
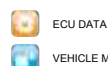
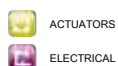
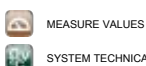
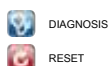
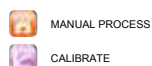
Gearbox	ECOMAT 2, Automatic gearbox								
Gearbox	TipTronic, Gearbox with electronic control								
Gearbox	TipTronic, Gearbox parametrization								
Brakes	ABS Ci12, Antilock braking system								
Brakes	ABS KB3AL, Antilock braking system								
Brakes	ABS/ASR C, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC MS5, Diesel in-line injection pump								
Engine	EDC MS6.1, Diesel in-line injection pump								
Engine	EDC MS6.4, Distributor diesel injection pump								
Retarder	EST-48, Retarder								
Suspension	BUS ECAS, Electronically controlled suspension system								

RHS 414 LION'S TOP STAR

Gearbox	ECOMAT 2, Automatic gearbox								
Gearbox	TipTronic, Gearbox with electronic control								
Gearbox	TipTronic, Gearbox parametrization								
Brakes	ABS Ci12, Antilock braking system								
Brakes	ABS KB3AL, Antilock braking system								
Brakes	ABS/ASR C, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC MS5, Diesel in-line injection pump								
Engine	EDC MS6.1, Diesel in-line injection pump								
Engine	EDC MS6.4, Distributor diesel injection pump								
Retarder	EST-48, Retarder								
Suspension	BUS ECAS, Electronically controlled suspension system								

RHS 464 LION'S STAR

Gearbox	ECOMAT 2, Automatic gearbox								
Gearbox	TipTronic, Gearbox with electronic control								
Gearbox	TipTronic, Gearbox parametrization								
Brakes	ABS Ci12, Antilock braking system								
Brakes	ABS KB3AL, Antilock braking system								
Brakes	ABS/ASR C, Antilock braking system								





MAN



Brakes	ABS/ASR D, Antilock braking system												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC MS6.1, Diesel in-line injection pump												
Engine	EDC MS6.4, Distributor diesel injection pump												
Retarder	EST-48, Retarder												
Suspension	BUS ECAS, Electronically controlled suspension system												

RHS 464 LION'S TOP STAR

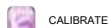
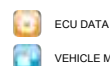
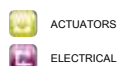
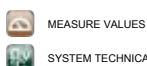
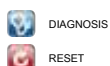
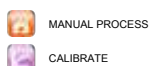
Gearbox	ECOMAT 2, Automatic gearbox												
Gearbox	TipTronic, Gearbox with electronic control												
Gearbox	TipTronic, Gearbox parametrization												
Brakes	ABS Ci12, Antilock braking system												
Brakes	ABS KB3AL, Antilock braking system												
Brakes	ABS/ASR C, Antilock braking system												
Brakes	ABS/ASR D, Antilock braking system												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC MS6.1, Diesel in-line injection pump												
Engine	EDC MS6.4, Distributor diesel injection pump												
Suspension	BUS ECAS, Electronically controlled suspension system												

SD 202

Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	ABS Ci12, Antilock braking system												
Brakes	ABS KB3AL, Antilock braking system												
Brakes	ABS/ASR C, Antilock braking system												
Brakes	ABS/ASR D, Antilock braking system												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC MS6.1, Diesel in-line injection pump												
Engine	EDC MS6.4, Distributor diesel injection pump												
Retarder	EST-42, Retarder												
Suspension	BUS ECAS, Electronically controlled suspension system												

SG 263 LION'S CLASSIC G

Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	ABS Ci12, Antilock braking system												
Brakes	ABS KB3AL, Antilock braking system												





Brakes	ABS/ASR C, Antilock braking system												
Brakes	ABS/ASR D, Antilock braking system												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Electronic module	MTS, Door module												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC MS6.1, Diesel in-line injection pump												
Engine	EDC MS6.4, Distributor diesel injection pump												
Retarder	EST-42, Retarder												
Suspension	BUS ECAS, Electronically controlled suspension system												

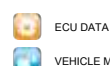
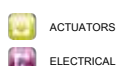
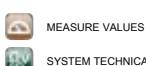
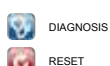
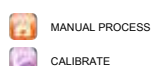
SG 292

Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	ABS Ci12, Antilock braking system												
Brakes	ABS KB3AL, Antilock braking system												
Brakes	ABS/ASR C, Antilock braking system												
Brakes	ABS/ASR D, Antilock braking system												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC MS6.1, Diesel in-line injection pump												
Engine	EDC MS6.4, Distributor diesel injection pump												
Retarder	EST-42, Retarder												
Suspension	BUS ECAS, Electronically controlled suspension system												

SG 313 LION'S CLASSIC G

Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	ABS Ci12, Antilock braking system												
Brakes	ABS KB3AL, Antilock braking system												
Brakes	ABS/ASR C, Antilock braking system												
Brakes	ABS/ASR D, Antilock braking system												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Electronic module	MTS, Door module												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC MS6.1, Diesel in-line injection pump												
Engine	EDC MS6.4, Distributor diesel injection pump												
Retarder	EST-42, Retarder												
Suspension	BUS ECAS, Electronically controlled suspension system												

SL 223 LION'S CLASSIC



MANUAL PROCESS

DIAGNOSIS

MEASURE VALUES

ACTUATORS

ECU DATA

PARAMETERIZE

CALIBRATE

RESET

SYSTEM TECHNICAL DATA

ELECTRICAL SCHEME

VEHICLE MAINTENANCE

TECHNICAL DATA



MAN



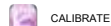
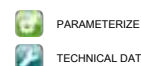
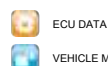
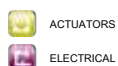
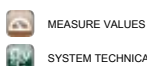
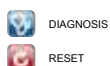
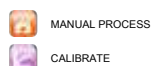
Gearbox	DIWA 3, Automatic gearbox							
Gearbox	ECOMAT 2, Automatic gearbox							
Brakes	ABS Ci12, Antilock braking system							
Brakes	ABS KB3AL, Antilock braking system							
Brakes	ABS/ASR C, Antilock braking system							
Brakes	ABS/ASR D, Antilock braking system							
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System							
Engine	EDC 7, Electronic diesel control, injection rail							
Engine	EDC MS5, Diesel in-line injection pump							
Engine	EDC MS6.1, Diesel in-line injection pump							
Engine	EDC MS6.4, Distributor diesel injection pump							
Retarder	EST-42, Retarder							
Suspension	BUS ECAS, Electronically controlled suspension system							

SL 283 LION'S CLASSIC

Gearbox	DIWA 3, Automatic gearbox							
Gearbox	ECOMAT 2, Automatic gearbox							
Brakes	ABS Ci12, Antilock braking system							
Brakes	ABS KB3AL, Antilock braking system							
Brakes	ABS/ASR C, Antilock braking system							
Brakes	ABS/ASR D, Antilock braking system							
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System							
Electronic module	MTS, Door module							
Engine	EDC 7, Electronic diesel control, injection rail							
Engine	EDC MS5, Diesel in-line injection pump							
Engine	EDC MS6.1, Diesel in-line injection pump							
Engine	EDC MS6.4, Distributor diesel injection pump							
Retarder	EST-42, Retarder							
Suspension	BUS ECAS, Electronically controlled suspension system							

SÜ 223 LION'S CLASSIC

Gearbox	DIWA 3, Automatic gearbox							
Gearbox	ECOMAT 2, Automatic gearbox							
Brakes	ABS Ci12, Antilock braking system							
Brakes	ABS KB3AL, Antilock braking system							
Brakes	ABS/ASR C, Antilock braking system							
Brakes	ABS/ASR D, Antilock braking system							
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System							
Engine	EDC 7, Electronic diesel control, injection rail							
Engine	EDC MS5, Diesel in-line injection pump							
Engine	EDC MS6.1, Diesel in-line injection pump							





MAN



Engine	EDC MS6.4, Distributor diesel injection pump												
Retarder	EST-42, Retarder												
Suspension	BUS ECAS, Electronically controlled suspension system												

SÜ 283 LION'S CLASSIC

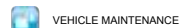
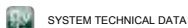
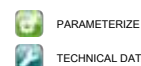
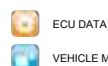
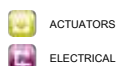
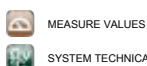
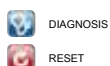
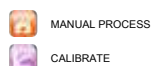
Gearbox	DIWA 3, Automatic gearbox												
Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	ABS Ci12, Antilock braking system												
Brakes	ABS KB3AL, Antilock braking system												
Brakes	ABS/ASR C, Antilock braking system												
Brakes	ABS/ASR D, Antilock braking system												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Electronic module	MTS, Door module												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC MS6.1, Diesel in-line injection pump												
Engine	EDC MS6.4, Distributor diesel injection pump												
Retarder	EST-42, Retarder												
Suspension	BUS ECAS, Electronically controlled suspension system												

SÜ 313 LION'S CLASSIC

Gearbox	DIWA 3, Automatic gearbox												
Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	ABS Ci12, Antilock braking system												
Brakes	ABS KB3AL, Antilock braking system												
Brakes	ABS/ASR C, Antilock braking system												
Brakes	ABS/ASR D, Antilock braking system												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Electronic module	MTS, Door module												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS5, Diesel in-line injection pump												
Engine	EDC MS6.1, Diesel in-line injection pump												
Engine	EDC MS6.4, Distributor diesel injection pump												
Retarder	EST-42, Retarder												
Suspension	BUS ECAS, Electronically controlled suspension system												

SÜ 363 LION'S CLASSIC

Gearbox	DIWA 3, Automatic gearbox												
Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	ABS Ci12, Antilock braking system												
Brakes	ABS KB3AL, Antilock braking system												





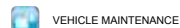
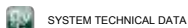
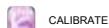
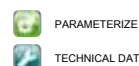
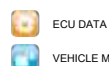
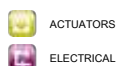
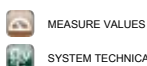
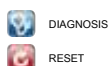
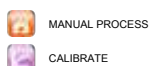
Brakes	ABS/ASR C, Antilock braking system											
Brakes	ABS/ASR D, Antilock braking system											
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System											
Electronic module	MTS, Door module											
Engine	EDC 7, Electronic diesel control, injection rail											
Engine	EDC MS5, Diesel in-line injection pump											
Engine	EDC MS6.1, Diesel in-line injection pump											
Engine	EDC MS6.4, Distributor diesel injection pump											
Retarder	EST-42, Retarder											
Suspension	BUS ECAS, Electronically controlled suspension system											

ÜL 313 LION'S COMFORT

Gearbox	DIWA 3, Automatic gearbox											
Gearbox	ECOMAT 2, Automatic gearbox											
Gearbox	TipTronic, Gearbox with electronic control											
Gearbox	TipTronic, Gearbox parametrization											
Brakes	ABS Ci12, Antilock braking system											
Brakes	ABS KB3AL, Antilock braking system											
Brakes	ABS/ASR C, Antilock braking system											
Brakes	ABS/ASR D, Antilock braking system											
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System											
Electronic module	MTS, Door module											
Engine	EDC 7, Electronic diesel control, injection rail											
Engine	EDC MS5, Diesel in-line injection pump											
Engine	EDC MS6.1, Diesel in-line injection pump											
Engine	EDC MS6.4, Distributor diesel injection pump											
Suspension	BUS ECAS, Electronically controlled suspension system											

ÜL 353 LION'S COMFORT

Gearbox	DIWA 3, Automatic gearbox											
Gearbox	ECOMAT 2, Automatic gearbox											
Brakes	ABS Ci12, Antilock braking system											
Brakes	ABS KB3AL, Antilock braking system											
Brakes	ABS/ASR C, Antilock braking system											
Brakes	ABS/ASR D, Antilock braking system											
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System											
Electronic module	MTS, Door module											
Engine	EDC 7, Electronic diesel control, injection rail											
Engine	EDC MS5, Diesel in-line injection pump											
Engine	EDC MS6.1, Diesel in-line injection pump											
Engine	EDC MS6.4, Distributor diesel injection pump											





MAN



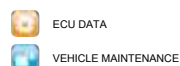
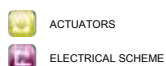
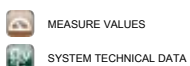
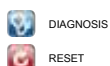
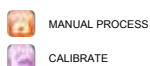
Suspension

BUS ECAS, Electronically controlled suspension system



ÜL 363 LION'S COMFORT

Gearbox	DIWA 3, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS Ci12, Antilock braking system								
Brakes	ABS KB3AL, Antilock braking system								
Brakes	ABS/ASR C, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System								
Electronic module	MTS, Door module								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC MS5, Diesel in-line injection pump								
Engine	EDC MS6.1, Diesel in-line injection pump								
Engine	EDC MS6.4, Distributor diesel injection pump								
Suspension	BUS ECAS, Electronically controlled suspension system								



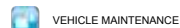
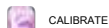
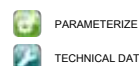
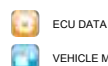
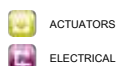
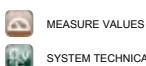
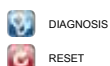
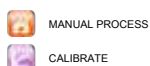


IVECO MidiRider

Antipollution	DENOXTRONIC, Exhaust gas treatment system												
Antitheft	Immobilizer, Immobilizer												
Gearbox	ECOMAT 2, Automatic gearbox												
Gearbox	Eurotronic 2, Gearbox with electronic control												
Gearbox	Eurotronic 2, Gearbox parametrization												
Brakes	ABS 2X, Antilock braking system												
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Brakes	ABS, Antilock braking system												
Brakes	EBS, Electronic Braking System												
Engine	EDC 7 UC31, Electronic diesel control, injection rail												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS6.2, Engine management system, pump-injectors												
Retarder	Intarder CAN, Retarder												
Retarder	Intarder KWP, Retarder												
Suspension	ECAS 4x2 A, Electronically controlled suspension system												
Suspension	ECAS 6X2, Electronically controlled suspension system												
Suspension	ECAS BUS, Electronically controlled suspension system												
Suspension	ECAS KWP, Electronically controlled suspension system												

MERCEDES

Central computer	ADM 2, Vehicle management computer												
Engine	MR / PLD, Pump-Pipe-Injector with electronic diesel control												





BR 300

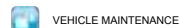
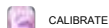
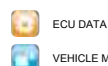
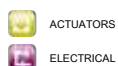
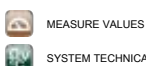
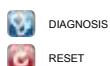
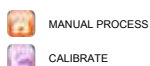
Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Central computer	FR, Electronic gear shift regulation								
Brakes	ABS 24/EU12, Antilock braking system								
Brakes	ABS Ci12, Antilock braking system								
Brakes	BS, Braking system								
Brakes	EBS BUS, Electronic Braking System								
Engine	MR, Pump-Pipe-Injector with electronic diesel control								
Retarder	RS, Retarder management								
Suspension	BUS ECAS 446 055 053 0, Electronically controlled suspension system								
Suspension	ENR, Level regulation								

BR 400

Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
HVAC (Heating, Ventilating and Air Conditioning)	ZHE_I, Additional heater								
Central computer	FR, Electronic gear shift regulation								
Brakes	ABS 24/EU12, Antilock braking system								
Brakes	ABS Ci12, Antilock braking system								
Brakes	BS, Braking system								
Brakes	EBS BUS, Electronic Braking System								
Electronic module	ART, Tempomat, distance regulator								
Engine	MR, Pump-Pipe-Injector with electronic diesel control								
Retarder	RS_I, Retarder management								
Suspension	BUS ECAS 446 055 053 0, Electronically controlled suspension system								
Suspension	ECAS ENR, Level regulation								

INTEGRO EURO 4/5

Gearbox	ECOMAT 2, Automatic gearbox								
Gearbox	GS, Gear shift control								
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater								
Central computer	ADM 2, Vehicle management computer								
Central computer	FR, Electronic gear shift regulation								
Brakes	ABS, Antilock braking system								
Brakes	EBS BUS, Electronic Braking System								
Engine	MR, Pump-Pipe-Injector with electronic diesel control								





Retarder	RS, Retarder management						
Suspension	ECAS BUS, Electronically controlled suspension system						
Suspension	ECAS ESAC, Electronically controlled suspension system						
Suspension	NR, Level regulation						

INTOURO EURO 4/5

HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater						
Central computer	ADM 2, Vehicle management computer						
Central computer	FR, Electronic gear shift regulation						
Brakes	ABS, Antilock braking system						
Brakes	EBS BUS, Electronic Braking System						
Engine	MR, Pump-Pipe-Injector with electronic diesel control						
Retarder	RS, Retarder management						
Suspension	ECAS BUS, Electronically controlled suspension system						
Suspension	ECAS ESAC, Electronically controlled suspension system						
Suspension	NR, Level regulation						

LO 712

Central computer	ADM 2, Vehicle management computer						
Central computer	ADM, Vehicle management computer						
Engine	MR, Pump-Pipe-Injector with electronic diesel control						

LO 812

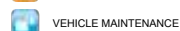
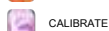
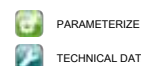
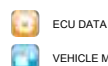
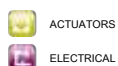
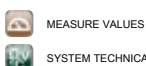
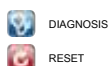
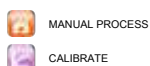
Central computer	ADM 2, Vehicle management computer						
Central computer	ADM, Vehicle management computer						
Engine	MR, Pump-Pipe-Injector with electronic diesel control						

LO 915

Central computer	ADM 2, Vehicle management computer						
Central computer	ADM, Vehicle management computer						
Engine	MR, Pump-Pipe-Injector with electronic diesel control						

O 345 CONECTO

Gearbox	ECOMAT 1, Automatic gearbox						
Gearbox	ECOMAT 2, Automatic gearbox						
Gearbox	GS, Gear shift control						
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater						
Central computer	ADM 2, Vehicle management computer						
Central computer	ADM, Vehicle management computer						





Central computer	FMR, Gear shift regulation system									
Central computer	FR, Electronic gear shift regulation									
Brakes	ABS 24/EU12, Antilock braking system									
Brakes	ABS Ci12, Antilock braking system									
Engine	EDC/PLD, Pump-Pipe-Injector with electronic diesel control									
Engine	FLA, Inlet air pre-heater system									
Engine	MR, Pump-Pipe-Injector with electronic diesel control									
Retarder	RS, Retarder management									
Suspension	BUS ECAS 446 055 053 0, Electronically controlled suspension system									
Tachograph	MTCO, Tachograph									

O 345 Euro I - II

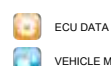
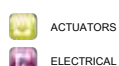
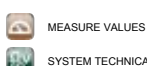
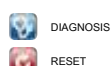
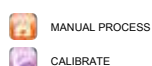
Gearbox	ECOMAT 1, Automatic gearbox									
Gearbox	ECOMAT 2, Automatic gearbox									
Gearbox	EPS, Gear shift control									
Gearbox	GS, Gear shift control									
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater									
Central computer	FMR, Gear shift regulation system									
Central computer	FR, Electronic gear shift regulation									
Brakes	ABS 24/EU12, Antilock braking system									
Brakes	ABS Ci12, Antilock braking system									
Engine	EDC/PLD, Pump-Pipe-Injector with electronic diesel control									
Engine	FLA, Inlet air pre-heater system									
Engine	MR, Pump-Pipe-Injector with electronic diesel control									
Suspension	BUS ECAS 446 055 053 0, Electronically controlled suspension system									
Tachograph	MTCO, Tachograph									

O 350 TOURISMO

Central computer	ADM 2, Vehicle management computer									
Central computer	ADM, Vehicle management computer									
Brakes	ABS, Antilock braking system									
Engine	MR / PLD, Pump-Pipe-Injector with electronic diesel control									

O 404

Gearbox	ECOMAT 1, Automatic gearbox									
Gearbox	ECOMAT 2, Automatic gearbox									
Gearbox	EPS, Gear shift control									
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater									





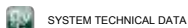
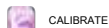
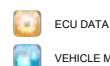
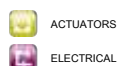
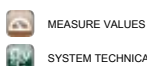
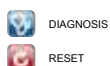
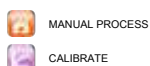
Central computer	FMR, Gear shift regulation system									
Central computer	FR, Electronic gear shift regulation									
Brakes	ABS Ci12, Antilock braking system									
Brakes	ABS/ASR C, Antilock braking system									
Engine	EDC MS5, Diesel in-line injection pump									
Engine	EDC/PLD, Pump-Pipe-Injector with electronic diesel control									
Engine	FLA, Inlet air pre-heater system									
Engine	MR, Pump-Pipe-Injector with electronic diesel control									
Suspension	BUS ECAS 446 055 053 0, Electronically controlled suspension system									
Suspension	ECAS ENR, Level regulation									
Tachograph	MTCO, Tachograph									

O 520 CITO

Gearbox	ECOMAT 1, Automatic gearbox									
Gearbox	ECOMAT 2, Automatic gearbox									
Gearbox	GS, Gear shift control									
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater									
Central computer	FMR, Gear shift regulation system									
Central computer	FR, Electronic gear shift regulation									
Brakes	BS, Braking system									
Brakes	EBS BUS, Electronic Braking System									
Engine	EDC/PLD, Pump-Pipe-Injector with electronic diesel control									
Engine	MR, Pump-Pipe-Injector with electronic diesel control									
Retarder	RS, Retarder management									
Suspension	BUS ECAS 446 055 053 0, Electronically controlled suspension system									
Suspension	ENR, Level regulation									

O 530 CITARO

Gearbox	ECOMAT 1, Automatic gearbox									
Gearbox	ECOMAT 2, Automatic gearbox									
Gearbox	GS, Gear shift control									
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater									
Central computer	ADM 2, Vehicle management computer									
Central computer	ADM, Vehicle management computer									
Central computer	FMR, Gear shift regulation system									
Central computer	FR, Electronic gear shift regulation									
Brakes	BS, Braking system									
Brakes	EBS BUS, Electronic Braking System									





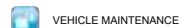
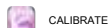
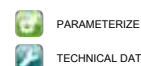
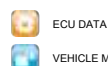
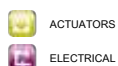
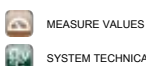
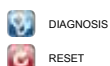
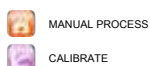
Electronic module	MTS, Door module											
Engine	EDC/PLD, Pump-Pipe-Injector with electronic diesel control											
Engine	MR, Pump-Pipe-Injector with electronic diesel control											
Retarder	RS, Retarder management											
Suspension	BUS ECAS 446 055 053 0, Electronically controlled suspension system											
Suspension	ECAS BUS, Electronically controlled suspension system											
Suspension	ENR, Level regulation											

O 550 INTEGRO EURO I+II

Gearbox	ECOMAT 1, Automatic gearbox											
Gearbox	ECOMAT 2, Automatic gearbox											
Central computer	ADM 2, Vehicle management computer											
Central computer	ADM, Vehicle management computer											
Central computer	FMR, Gear shift regulation system											
Central computer	FR, Electronic gear shift regulation											
Brakes	ABS Ci12, Antilock braking system											
Engine	EDC MS5, Diesel in-line injection pump											
Engine	EDC/PLD, Pump-Pipe-Injector with electronic diesel control											
Engine	FLA, Inlet air pre-heater system											
Engine	MR, Pump-Pipe-Injector with electronic diesel control											
Suspension	BUS ECAS 446 055 053 0, Electronically controlled suspension system											
Tachograph	MTCO, Tachograph											

O 550 INTEGRO EURO III

Gearbox	ECOMAT 1, Automatic gearbox											
Gearbox	ECOMAT 2, Automatic gearbox											
Gearbox	GS, Gear shift control											
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater											
Central computer	ADM 2, Vehicle management computer											
Central computer	ADM, Vehicle management computer											
Central computer	FMR, Gear shift regulation system											
Central computer	FR, Electronic gear shift regulation											
Brakes	ABS Ci12, Antilock braking system											
Engine	EDC MS5, Diesel in-line injection pump											
Engine	EDC/PLD, Pump-Pipe-Injector with electronic diesel control											
Engine	MR, Pump-Pipe-Injector with electronic diesel control											
Retarder	EST-42, Retarder											
Suspension	BUS ECAS 446 055 053 0, Electronically controlled suspension system											
Tachograph	MTCO, Tachograph											





O 560 INTOURO I+II

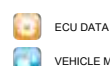
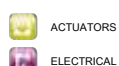
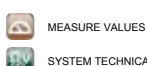
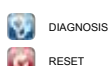
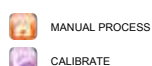
Gearbox	ECOMAT 1, Automatic gearbox										
Gearbox	ECOMAT 2, Automatic gearbox										
Central computer	ADM 2, Vehicle management computer										
Central computer	ADM, Vehicle management computer										
Central computer	FMR, Gear shift regulation system										
Central computer	FR, Electronic gear shift regulation										
Brakes	ABS Ci12, Antilock braking system										
Engine	EDC MS5, Diesel in-line injection pump										
Engine	EDC/PLD, Pump-Pipe-Injector with electronic diesel control										
Engine	FLA, Inlet air pre-heater system										
Engine	MR, Pump-Pipe-Injector with electronic diesel control										
Suspension	BUS ECAS 446 055 053 0, Electronically controlled suspension system										
Tachograph	MTCO, Tachograph										

O 560 INTOURO III

Gearbox	ECOMAT 1, Automatic gearbox										
Gearbox	ECOMAT 2, Automatic gearbox										
Gearbox	GS, Gear shift control										
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater										
Central computer	ADM 2, Vehicle management computer										
Central computer	ADM, Vehicle management computer										
Central computer	FMR, Gear shift regulation system										
Central computer	FR, Electronic gear shift regulation										
Brakes	ABS Ci12, Antilock braking system										
Engine	EDC MS5, Diesel in-line injection pump										
Engine	EDC/PLD, Pump-Pipe-Injector with electronic diesel control										
Engine	MR, Pump-Pipe-Injector with electronic diesel control										
Retarder	EST-42, Retarder										
Suspension	BUS ECAS 446 055 053 0, Electronically controlled suspension system										
Tachograph	MTCO, Tachograph										

O 580 TRAVEGO

Gearbox	ECOMAT 1, Automatic gearbox										
Gearbox	ECOMAT 2, Automatic gearbox										
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater										
Central computer	FMR, Gear shift regulation system										





Central computer	FR, Electronic gear shift regulation	
Brakes	BS, Braking system	
Brakes	EBS BUS, Electronic Braking System	
Engine	EDC/PLD, Pump-Pipe-Injector with electronic diesel control	
Engine	MR, Pump-Pipe-Injector with electronic diesel control	
Retarder	RS, Retarder management	
Suspension	BUS ECAS 446 055 053 0, Electronically controlled suspension system	
Tachograph	MTCO, Tachograph	

O500 R/M/MA/U/UA - ISO

Central computer	ADM, Vehicle management computer	
Engine	MR/PLD (4_6 cylinder), Pump-Pipe-Injector with electronic diesel control	

O500 RS/RSD - ISO

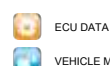
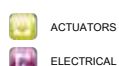
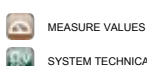
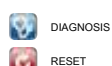
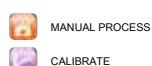
Gearbox	ECOMAT 1, Automatic gearbox	
Gearbox	ECOMAT 2, Automatic gearbox	
Central computer	FR, Electronic gear shift regulation	
Brakes	ABS, Antilock braking system	
Instrument cluster	INS, Instrument cluster	
Engine	MR, Pump-Pipe-Injector with electronic diesel control	
Retarder	RS, Retarder management	
Suspension	BUS ECAS 446 055 053 0, Electronically controlled suspension system	
Tachograph	MTCO, Tachograph	

O500 RS/RSD/MA/UA - OBD

Gearbox	ECOMAT 1, Automatic gearbox	
Gearbox	ECOMAT 2, Automatic gearbox	
Central computer	FR, Electronic gear shift regulation	
Brakes	ABS, Antilock braking system	
Instrument cluster	INS, Instrument cluster	
Engine	MR, Pump-Pipe-Injector with electronic diesel control	
Retarder	RS, Retarder management	
Suspension	BUS ECAS 446 055 053 0, Electronically controlled suspension system	
Tachograph	TCO, Tachograph	

OC 500 LE

Gearbox	ECOMAT 1, Automatic gearbox	
Gearbox	ECOMAT 2, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater	





Central computer	FMR, Gear shift regulation system									
Central computer	FR, Electronic gear shift regulation									
Brakes	BS, Braking system									
Brakes	EBS BUS, Electronic Braking System									
Instrument cluster	INS, Instrument cluster									
Engine	EDC /PLD, Pump-Pipe-Injector with electronic diesel control									
Engine	MR, Pump-Pipe-Injector with electronic diesel control									
Retarder	RS, Retarder management									
Suspension	BUS ECAS 446 055 053 0, Electronically controlled suspension system									
Suspension	NR, Level regulation									
Tachograph	TCO, Tachograph									

OC 500 RF

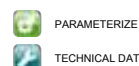
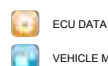
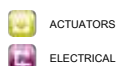
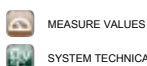
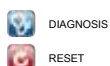
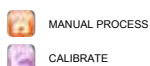
Gearbox	ECOMAT 1, Automatic gearbox									
Gearbox	ECOMAT 2, Automatic gearbox									
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater									
Central computer	FMR, Gear shift regulation system									
Central computer	FR, Electronic gear shift regulation									
Brakes	BS, Braking system									
Brakes	EBS BUS, Electronic Braking System									
Instrument cluster	INS, Instrument cluster									
Engine	EDC/PLD, Pump-Pipe-Injector with electronic diesel control									
Engine	MR, Pump-Pipe-Injector with electronic diesel control									
Retarder	RS, Retarder management									
Suspension	BUS ECAS 446 055 053 0, Electronically controlled suspension system									
Suspension	NR, Level regulation									
Tachograph	TCO, Tachograph									

OF/OH/LO - ISO

Central computer	ADM, Vehicle management computer									
Engine	MR/PLD (4_6 cylinder), Pump-Pipe-Injector with electronic diesel control									

OF1015-41/ OF1119-41/ OF1218-44/ OF1319-44 -OBD

Central computer	FR/CPC, Electronic gear shift regulation									
Brakes	ABS, Antilock braking system									
Instrument cluster	INS, Instrument cluster									
Engine	MR, Pump-Pipe-Injector with electronic diesel control									
Retarder	RS, Retarder management									





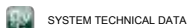
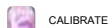
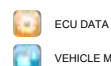
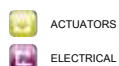
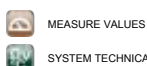
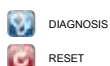
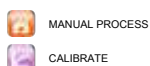
Tachograph	TCO, Tachograph			
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OH1215/ OH1518-25/ OH1622-26 - OBD

Central computer	FR, Electronic gear shift regulation								
Brakes	ABS, Antilock braking system								
Instrument cluster	INS, Instrument cluster								
Engine	MR, Pump-Pipe-Injector with electronic diesel control								
Retarder	RS, Retarder management								
Suspension	BUS ECAS 446 055 053 0, Electronically controlled suspension system								
Suspension	NR, Level regulation								
Tachograph	TCO, Tachograph								

TOURISMO EURO 4/5

HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater								
Central computer	ADM 2, Vehicle management computer								
Central computer	FR, Electronic gear shift regulation								
Brakes	ABS, Antilock braking system								
Brakes	EBS BUS, Electronic Braking System								
Engine	MR, Pump-Pipe-Injector with electronic diesel control								
Retarder	RS, Retarder management								





CENTROLINER

Gearbox	DIWA 3, Automatic gearbox								
Central computer	ADM 2, Vehicle management computer								
Engine	MR, Pump-Pipe-Injector with electronic diesel control								
Suspension	BUS ECAS, Electronically controlled suspension system								

CITYLINER

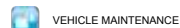
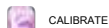
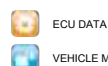
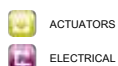
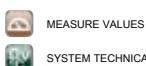
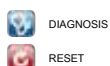
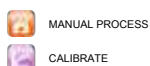
Gearbox	AS Tronic, Gearbox with electronic control								
Gearbox	AS Tronic, Gearbox parametrization								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS Ci12, Antilock braking system								
Brakes	CBU, Brake central unit								
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC MS5, Diesel in-line injection pump								
Engine	EDC MS6.1, Diesel in-line injection pump								
Retarder	EST-42, Retarder								
Safety	ACC, Adaptive Cruise Control								
Safety	LGS, Laneguard system								
Suspension	BUS ECAS, Electronically controlled suspension system								
Suspension	ECAS KWP, Electronically controlled suspension system								

SKYLINER

Gearbox	AS Tronic, Gearbox with electronic control								
Gearbox	AS Tronic, Gearbox parametrization								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS Ci12, Antilock braking system								
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC MS5, Diesel in-line injection pump								
Engine	EDC MS6.1, Diesel in-line injection pump								
Retarder	EST-42, Retarder								
Suspension	ECAS BUS, Electronically controlled suspension system								

STARLINER

Gearbox	AS Tronic, Gearbox with electronic control								
Gearbox	AS Tronic, Gearbox parametrization								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS Ci12, Antilock braking system								
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System								

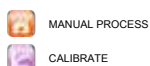




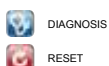
Engine	EDC 7, Electronic diesel control, injection rail														
Engine	EDC MS5, Diesel in-line injection pump														
Engine	EDC MS6.1, Diesel in-line injection pump														
Retarder	EST-42, Retarder														
Suspension	ECAS BUS, Electronically controlled suspension system														

TOURLINER

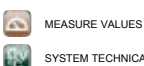
Gearbox	AS Tronic, Gearbox with electronic control														
Gearbox	AS Tronic, Gearbox parametrization														
Gearbox	ECOMAT 2, Automatic gearbox														
Brakes	ABS Ci12, Antilock braking system														
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System														
Engine	EDC 7, Electronic diesel control, injection rail														
Engine	EDC MS5, Diesel in-line injection pump														
Engine	EDC MS6.1, Diesel in-line injection pump														
Retarder	EST-42, Retarder														
Suspension	BUS ECAS, Electronically controlled suspension system														



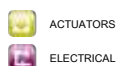
MANUAL PROCESS



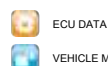
DIAGNOSIS



MEASURE VALUES



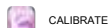
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



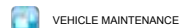
RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



CITYCLASS

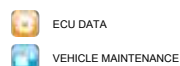
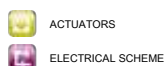
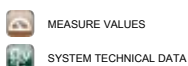
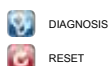
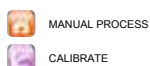
Antipollution	DENOXTRONIC, Exhaust gas treatment system											
Antitheft	Immobilizer, Immobilizer											
Gearbox	ECOMAT 2, Automatic gearbox											
Gearbox	Eurotronic 2, Gearbox with electronic control											
Gearbox	Eurotronic 2, Gearbox parametrization											
Brakes	ABS 2X, Antilock braking system											
Brakes	ABS D, Antilock braking system											
Brakes	ABS E, Antilock braking system											
Brakes	ABS, Antilock braking system											
Brakes	EBS, Electronic Braking System											
Engine	EDC 7, Electronic diesel control, injection rail											
Engine	EDC MS6.2, Engine management system, pump-injectors											
Engine	EDC7 UC31, Engine management system, pump-injectors											
Retarder	Intarder CAN, Retarder											
Retarder	Intarder KWP, Retarder											
Suspension	ECAS 4x2 A, Electronically controlled suspension system											
Suspension	ECAS 6X2, Electronically controlled suspension system											
Suspension	ECAS BUS, Electronically controlled suspension system											
Suspension	ECAS KWP, Electronically controlled suspension system											

DAF VDL BUS

Antipollution	EAS/EAS-2, Exhaust gas treatment system											
Gearbox	ECOMAT 2, Automatic gearbox											
Brakes	EBS 2, Electronic Braking System											
Engine	DMCI, Multi-Controlled Injection											
Retarder	EST-42, Retarder											

EURORIDER C38

Antipollution	DENOXTRONIC, Exhaust gas treatment system											
Antitheft	Immobilizer, Immobilizer											
Gearbox	ECOMAT 2, Automatic gearbox											
Gearbox	Eurotronic 2, Gearbox with electronic control											
Gearbox	Eurotronic 2, Gearbox parametrization											
Brakes	ABS 2X, Antilock braking system											
Brakes	ABS D, Antilock braking system											
Brakes	ABS E, Antilock braking system											
Brakes	ABS, Antilock braking system											
Brakes	EBS, Electronic Braking System											
Engine	EDC 7 UC31, Electronic diesel control, injection rail											





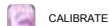
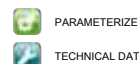
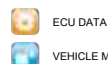
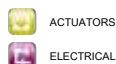
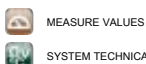
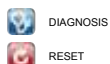
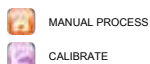
Engine	EDC 7, Electronic diesel control, injection rail	
Engine	EDC MS6.2, Engine management system, pump-injectors	
Retarder	Intarder CAN, Retarder	
Retarder	Intarder KWP, Retarder	
Suspension	ECAS 4x2 A, Electronically controlled suspension system	
Suspension	ECAS 6X2, Electronically controlled suspension system	
Suspension	ECAS BUS, Electronically controlled suspension system	
Suspension	ECAS KWP, Electronically controlled suspension system	

SCANIA

Antitheft	LAS, Locking and alarm system	
Gearbox	ECOMAT 2, Automatic gearbox	
Gearbox	GMS, Gearbox management system	
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air	
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system	
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System	
Central computer	COO, Coordinator	
Brakes	BMS, Brake management system	
Compressed air processing	APS, Compressed air supply	
Lighting	VIS, Visibility system	
Instrument cluster	ICL, Instrument cluster	
Chassis module	BCS, Bus chassis system	
Electronic module	AWD, Four-wheel Drive	
Engine	EMS HPI, High pressure injection system	
Engine	EMS PDE, Engine management system, pump-injectors	
Engine	EMS XPI, High pressure injection system, injection rail	
Radio	AUS, Audio system	
Safety	CSS, Collision safety system	
Suspension	SMS, Suspension management system	
Tachograph	TCO, Tachograph	
Telematic	RTI, Road transport information	

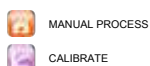
VOLVO B12B

Antitheft	ICU, Immobilizer Control Unit	
Gearbox	GECU, Gearbox lever	
Gearbox	TECU, Transmission	

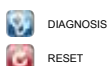




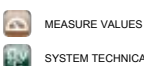
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control								
Central computer	CC, Body computer								
Central computer	VECU, Vehicle Electronic Control Unit								
Wheel pressure control	TPM, Tire Pressure Monitoring System								
Steering	SW, Steering wheel								
Brakes	ABS, Antilock braking system								
Brakes	EBS Gen 2, Electronic Braking System								
Brakes	EBS Gen 3, Electronic Braking System								
Brakes	EBS5, Electronic Braking System								
Lighting	LECU / LCM, Light Control Unit								
Instrument cluster	IC, Instrument cluster								
Instrument cluster	MD, Instrument cluster - display								
Chassis module	BCU / BBM, Bodywork Module								
Electronic module	BCI, Chassis identification unit								
Engine	EDC Euro 3, Engine management system								
Engine	EDC Euro 4/5, Engine management system								
Multiplex	CIM, Chassis Interface Module								
Retarder	Retarder, Retarder								
Safety	Airbag, Airbag								
Suspension	ECS, Electronically controlled suspension system								



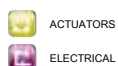
MANUAL PROCESS



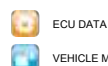
DIAGNOSIS



MEASURE VALUES



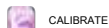
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



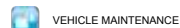
RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



OBD

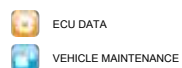
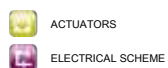
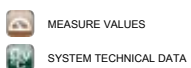
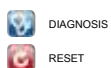
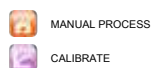
Antipollution EOBD / OBD, Standard protocol diagnosis



Antipollution HD-OBD EDC, Standard protocol diagnosis



Antipollution HD-OBD EEC, Standard protocol diagnosis



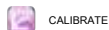
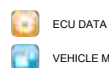
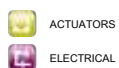
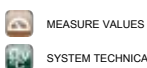
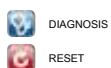
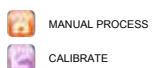


NAVIGO

Gearbox	ECOMAT 2, Automatic gearbox					
Brakes	ABS Ci12, Antilock braking system					
Engine	EDC Cummins, Engine control system					

VECTIO

Gearbox	ECOMAT 2, Automatic gearbox					
Brakes	ABS Ci12, Antilock braking system					
Engine	EDC 7 MAN, Electronic diesel control, injection rail					
Engine	EDC Cummins, Engine control system					





AGORA

Gearbox	DIWA 3, Automatic gearbox								
Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS 24/EU12, Antilock braking system								
Brakes	ABS I8, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	ABS/ASR E, Antilock braking system								
Engine	ITC, Injection timing electronic control								
Suspension	BUS ECAS, Electronically controlled suspension system								
Suspension	ELF, Electronically controlled air suspension								

ARES

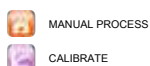
Gearbox	DIWA 3, Automatic gearbox								
Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS I8, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	ABS/ASR E, Antilock braking system								
Engine	ITC, Injection timing electronic control								
Suspension	BUS ECAS, Electronically controlled suspension system								
Suspension	ELF, Electronically controlled air suspension								

ILLIADE

Gearbox	DIWA 3, Automatic gearbox								
Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS I8, Antilock braking system								
Brakes	ABS/ASR D, Antilock braking system								
Brakes	ABS/ASR E, Antilock braking system								
Instrument cluster	Ins Euro 3, Instrument cluster								
Engine	DCI EURO 3, Diesel injection control, injection rail								
Engine	ITC, Injection timing electronic control								
Suspension	BUS ECAS, Electronically controlled suspension system								
Suspension	ELF, Electronically controlled air suspension								

PR 112 / 118

Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS 24/EU12, Antilock braking system								



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



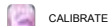
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



Brakes	ABS I8, Antilock braking system												
Engine	ITC, Injection timing electronic control												
Suspension	BUS ECAS, Electronically controlled suspension system												
Suspension	ELF, Electronically controlled air suspension												

R 212 / 312

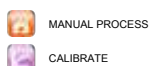
Gearbox	ECOMAT 1, Automatic gearbox												
Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	ABS 24/EU12, Antilock braking system												
Brakes	ABS I8, Antilock braking system												
Engine	ITC, Injection timing electronic control												
Suspension	BUS ECAS, Electronically controlled suspension system												
Suspension	ELF, Electronically controlled air suspension												

RECREO KAROSA

Gearbox	ECOMAT 1, Automatic gearbox												
Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	ABS 24/EU12, Antilock braking system												
Brakes	ABS I8, Antilock braking system												
Engine	ITC, Injection timing electronic control												
Suspension	BUS ECAS, Electronically controlled suspension system												
Suspension	ELF, Electronically controlled air suspension												

TRACER

Gearbox	ECOMAT 1, Automatic gearbox												
Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	ABS I8, Antilock braking system												
Engine	ITC, Injection timing electronic control												
Suspension	BUS ECAS, Electronically controlled suspension system												
Suspension	ELF, Electronically controlled air suspension												



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



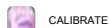
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA

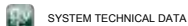
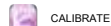
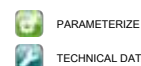
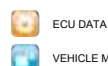
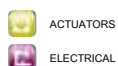
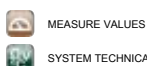
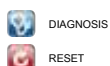
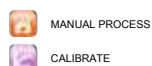


SAE J1587

Antitheft	MID 163, Vehicle Security						
Antitheft	MID 214 ACM (Alarm Control Module), Alarm						
Gearbox	MID 130 TCM, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	MID 146 A/C, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	MID 200 HVAC, Climate Control System						
Central computer	MID 142 CC, Body computer						
Central computer	MID 144 VCM, Vehicle Electronic Control Unit						
Wheel pressure control	MID 166 TPMS, Tire Pressure Monitoring System						
Steering	MID 184, Electronically-controlled steering axle						
Steering	MID 250, Steering Column Unit						
Brakes	MID 136 ABS, Brake management system						
Compressed air processing	MID 185, Compressed air production management						
Lighting	MID 216 LCM, Light Control Unit						
Instrument cluster	MID 140 INS, Info Instrumentation						
Instrument cluster	MID 171, Driver Information Center						
Chassis module	MID 210 BCI, Chassis identification unit						
Electronic module	MID 165, Engine gateway						
Electronic module	MID 203, Fleet management system						
Electronic module	MID 213, DYNAFLEET						
Engine	MID 128 ECM, Engine control system						
Radio	MID 206 Audio, Radio						
Retarder	MID 222 RET, Retarder						
Safety	MID 219 CAS, Collision avoidance system						
Safety	MID 232 AIRBAG, Airbag						
Shift Selector	MID 223 GCM, Gearbox lever						
Suspension	MID 150 ECS, Electronically controlled suspension system						
Tachograph	TCO, Tachograph						
Telematic	MID 181 Satellite Communication, Satellite communication						
Telematic	MID 231, Telephone						

SAE J1708

Antitheft	MID 163, Vehicle Security						
Antitheft	MID 214 ACM (Alarm Control Module), Alarm						
Gearbox	MID 130 TCM, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	MID 146 A/C, Climate control						

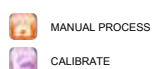




HVAC (Heating, Ventilating and Air Conditioning)	MID 200 HVAC, Climate Control System						
Central computer	MID 142 CC, Body computer						
Central computer	MID 144 VCM, Vehicle Electronic Control Unit						
Wheel pressure control	MID 166 TPMS, Tire Pressure Monitoring System						
Steering	MID 184, Electronically-controlled steering axle						
Steering	MID 250, Steering Column Unit						
Expansion Module	MID 170, Electrical						
Expansion Module	MID 178, Vehicle Sensors to Data Converter						
Expansion Module	MID 187, Vehicle Control Head Unit, Vehicle Electronic Control Unit						
Expansion Module	MID 188, Vehicle Logic Control Unit, Vehicle Electronic Control Unit						
Expansion Module	MID 240, Passenger Counter Unit						
Brakes	MID 136 ABS, Braking system						
Brakes	MID 136 EBS, Brake management system						
Compressed air processing	MID 185, Compressed air production management						
Lighting	MID 216 LCM, Light Control Unit						
Instrument cluster	MID 140 INS, Info Instrumentation						
Instrument cluster	MID 171, Driver Information Center						
Instrument cluster	MID 234 Display, Instrument cluster - display						
Chassis module	MID 210 BCI, Chassis identification unit						
Electronic module	MID 165, Engine gateway						
Electronic module	MID 203, Fleet management system						
Electronic module	MID 213, DYNAFLEET						
Engine	MID 128 ECM, Engine control system						
Radio	MID 206 Audio, Radio						
Data record	MID 179, Data Logging Unit (On-Board Data Logger)						
Retarder	MID 222 RET, Retarder						
Safety	MID 219 CAS, Collision avoidance system						
Safety	MID 232 AIRBAG, Airbag						
Shift Selector	MID 223 GCM, Gearbox lever						
Suspension	MID 150 ECS, Electronically controlled suspension system						
Tachograph	TCO, Tachograph						
Telematic	MID 181 Satellite Communication, Satellite communication						
Telematic	MID 231, Telephone						

SAE J1939

Antipollution	SCR AdBlue SAE J1939, Exhaust gas treatment system						
Gearbox	Transmission TCM SAE J1939, Transmission						



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



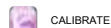
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE

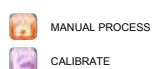


TECHNICAL DATA

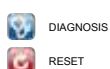


SAE STANDARD

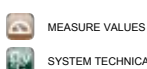
HVAC (Heating, Ventilating and Air Conditioning)	HVAC SAE J1939, Heating, Ventilation, Air Conditioning			
Wheel pressure control	TPMS SAE J1939, Tire Pressure Monitoring System			
Brakes	ABS/EBS/ESP SAE J1939, Braking system			
Instrument cluster	INS SAE J1939, Info Instrumentation			
Instrument cluster	VID (Vehicle Information Display) SAE J1939, Instrument cluster - display			
Chassis module	Chassis Module SAE J1939, Chassis Interface Module			
Electronic module	MC SAE J1939, Vehicle management computer			
Engine	EDC/ECM SAE J1939, Engine control system			
Multiplex	Central Computer SAE J1939, Body computer			
Data record	DLU SAE J1939, Data Logging Unit (On-Board Data Logger)			
Retarder	Retarder SAE J1939, Retarder			
Safety	Cruise Control SAE J1939, Adaptative Cruise Control			
Safety	Headway Controller SAE J1939, Collision avoidance system			
Shift Selector	Shift Console Primary SAE J1939, Gearbox lever			
Suspension	Suspension SAE J1939, Electronically controlled suspension system			
Telematic	Cellular SAE J1939, Telephone			
Telematic	Module NV SAE J1939, Browser			



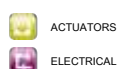
MANUAL PROCESS



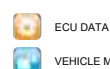
DIAGNOSIS



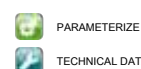
MEASURE VALUES



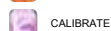
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



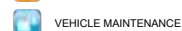
RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



114

Gearbox	ECOMAT 1, Automatic gearbox									
Gearbox	ECOMAT 2, Automatic gearbox									
Gearbox	Opticruise, Gearbox with electronic control									
Brakes	ABS D, Antilock braking system									
Engine	EDC MS 6.2, Engine management system, pump-injectors									
Engine	EDC MS5, Diesel in-line injection pump									
Retarder	RETARDER, Retarder									
Suspension	ELC Bosch, Electronically controlled air suspension									

94

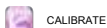
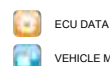
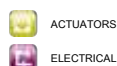
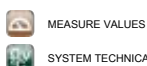
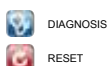
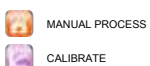
Gearbox	ECOMAT 1, Automatic gearbox									
Gearbox	ECOMAT 2, Automatic gearbox									
Gearbox	Opticruise, Gearbox with electronic control									
Brakes	ABS D, Antilock braking system									
Engine	EDC MS 6.2, Engine management system, pump-injectors									
Engine	EDC MS5, Diesel in-line injection pump									
Retarder	RETARDER, Retarder									
Suspension	ELC Bosch, Electronically controlled air suspension									

94 OMNICITY

Gearbox	DIWA 3, Automatic gearbox									
Gearbox	ECOMAT 1, Automatic gearbox									
Gearbox	ECOMAT 2, Automatic gearbox									
Gearbox	Opticruise, Gearbox with electronic control									
Brakes	ABS D, Antilock braking system									
Electronic module	MTS, Door module									
Engine	EDC MS 6.2, Engine management system, pump-injectors									
Engine	EDC MS5, Diesel in-line injection pump									
Retarder	RETARDER, Retarder									
Suspension	ELC Bosch, Electronically controlled air suspension									

BN 113

Gearbox	ECOMAT 1, Automatic gearbox									
Gearbox	ECOMAT 2, Automatic gearbox									
Brakes	ABS C2/C3, Antilock braking system									
Brakes	ABS I8, Antilock braking system									
Brakes	ABS P4, Antilock braking system									
Retarder	Retarder, Retarder									
Suspension	ELC, Electronically controlled air suspension									





K 113

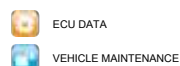
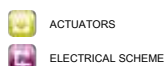
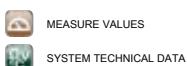
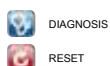
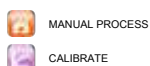
Gearbox	ECOMAT 1, Automatic gearbox		
Gearbox	ECOMAT 2, Automatic gearbox		
Brakes	ABS C2/C3, Antilock braking system		
Brakes	ABS I8, Antilock braking system		
Brakes	ABS P4, Antilock braking system		
Retarder	Retarder, Retarder		
Suspension	ELC, Electronically controlled air suspension		

K 124

Gearbox	ECOMAT 1, Automatic gearbox		
Gearbox	ECOMAT 2, Automatic gearbox		
Gearbox	Opticruise, Gearbox with electronic control		
Brakes	ABS D, Antilock braking system		
Engine	EDC MS 6.2, Engine management system, pump-injectors		
Engine	EDC MS5, Diesel in-line injection pump		
Retarder	RETARDER, Retarder		
Suspension	ELC Bosch, Electronically controlled air suspension		

K 230 IB [2005-...]

Antitheft	LAS, Locking and alarm system		
Gearbox	ECOMAT 2, Automatic gearbox		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System		
Central computer	COO, Coordinator		
Brakes	BMS, Brake management system		
Compressed air processing	APS, Compressed air supply		
Lighting	VIS, Visibility system		
Instrument cluster	ICL, Instrument cluster		
Chassis module	BCS, Bus chassis system		
Electronic module	AWD, Four-wheel Drive		
Engine	EMS HPI, High pressure injection system		
Engine	EMS PDE, Engine management system, pump-injectors		
Engine	EMS XPI, High pressure injection system, injection rail		
Radio	AUS, Audio system		





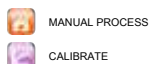
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

K 270 IB [2005-...]

Antitheft	LAS, Locking and alarm system		
Gearbox	ECOMAT 2, Automatic gearbox		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System		
Central computer	COO, Coordinator		
Brakes	BMS, Brake management system		
Compressed air processing	APS, Compressed air supply		
Lighting	VIS, Visibility system		
Instrument cluster	ICL, Instrument cluster		
Chassis module	BCS, Bus chassis system		
Electronic module	AWD, Four-wheel Drive		
Engine	EMS HPI, High pressure injection system		
Engine	EMS PDE, Engine management system, pump-injectors		
Engine	EMS XPI, High pressure injection system, injection rail		
Radio	AUS, Audio system		
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

K 310 IB

Antitheft	LAS, Locking and alarm system		
Gearbox	ECOMAT 2, Automatic gearbox		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



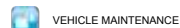
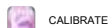
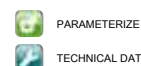
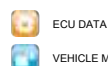
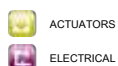
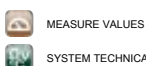
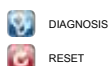
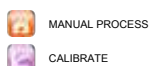
TECHNICAL DATA



HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System			
Central computer	COO, Coordinator			
Brakes	BMS, Brake management system			
Compressed air processing	APS, Compressed air supply			
Lighting	VIS, Visibility system			
Instrument cluster	ICL, Instrument cluster			
Chassis module	BCS, Bus chassis system			
Electronic module	AWD, Four-wheel Drive			
Engine	EMS HPI, High pressure injection system			
Engine	EMS PDE, Engine management system, pump-injectors			
Engine	EMS XPI, High pressure injection system, injection rail			
Radio	AUS, Audio system			
Safety	CSS, Collision safety system			
Suspension	SMS, Suspension management system			
Tachograph	TCO, Tachograph			
Telematic	RTI, Road transport information			

K 310 IB [2005-...]

Antitheft	LAS, Locking and alarm system			
Gearbox	ECOMAT 2, Automatic gearbox			
Gearbox	GMS, Gearbox management system			
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air			
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system			
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System			
Central computer	COO, Coordinator			
Brakes	BMS, Brake management system			
Compressed air processing	APS, Compressed air supply			
Lighting	VIS, Visibility system			
Instrument cluster	ICL, Instrument cluster			
Chassis module	BCS, Bus chassis system			
Electronic module	AWD, Four-wheel Drive			
Engine	EMS HPI, High pressure injection system			
Engine	EMS PDE, Engine management system, pump-injectors			
Engine	EMS XPI, High pressure injection system, injection rail			
Radio	AUS, Audio system			
Safety	CSS, Collision safety system			





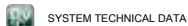
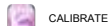
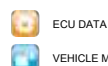
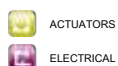
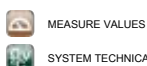
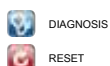
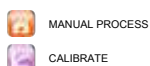
Suspension	SMS, Suspension management system							
Tachograph	TCO, Tachograph							
Telematic	RTI, Road transport information							

K 340 EB

Antitheft	LAS, Locking and alarm system							
Gearbox	ECOMAT 2, Automatic gearbox							
Gearbox	GMS, Gearbox management system							
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air							
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system							
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System							
Central computer	COO, Coordinator							
Brakes	BMS, Brake management system							
Compressed air processing	APS, Compressed air supply							
Lighting	VIS, Visibility system							
Instrument cluster	ICL, Instrument cluster							
Chassis module	BCS, Bus chassis system							
Electronic module	AWD, Four-wheel Drive							
Engine	EMS HPI, High pressure injection system							
Engine	EMS PDE, Engine management system, pump-injectors							
Engine	EMS XPI, High pressure injection system, injection rail							
Radio	AUS, Audio system							
Safety	CSS, Collision safety system							
Suspension	SMS, Suspension management system							
Tachograph	TCO, Tachograph							
Telematic	RTI, Road transport information							

K 340 IB

Antitheft	LAS, Locking and alarm system							
Gearbox	ECOMAT 2, Automatic gearbox							
Gearbox	GMS, Gearbox management system							
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air							
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system							
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System							

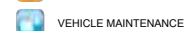
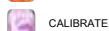
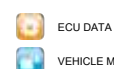
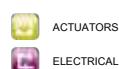
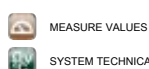
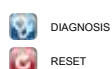
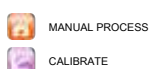




Central computer	COO, Coordinator								
Brakes	BMS, Brake management system								
Compressed air processing	APS, Compressed air supply								
Lighting	VIS, Visibility system								
Instrument cluster	ICL, Instrument cluster								
Chassis module	BCS, Bus chassis system								
Electronic module	AWD, Four-wheel Drive								
Engine	EMS HPI, High pressure injection system								
Engine	EMS PDE, Engine management system, pump-injectors								
Engine	EMS XPI, High pressure injection system, injection rail								
Radio	AUS, Audio system								
Safety	CSS, Collision safety system								
Suspension	SMS, Suspension management system								
Tachograph	TCO, Tachograph								
Telematic	RTI, Road transport information								

K 380 EB

Antitheft	LAS, Locking and alarm system								
Gearbox	ECOMAT 2, Automatic gearbox								
Gearbox	GMS, Gearbox management system								
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air								
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system								
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System								
Central computer	COO, Coordinator								
Brakes	BMS, Brake management system								
Compressed air processing	APS, Compressed air supply								
Lighting	VIS, Visibility system								
Instrument cluster	ICL, Instrument cluster								
Chassis module	BCS, Bus chassis system								
Electronic module	AWD, Four-wheel Drive								
Engine	EMS HPI, High pressure injection system								
Engine	EMS PDE, Engine management system, pump-injectors								
Engine	EMS XPI, High pressure injection system, injection rail								
Radio	AUS, Audio system								
Safety	CSS, Collision safety system								
Suspension	SMS, Suspension management system								
Tachograph	TCO, Tachograph								





Telematic

RTI, Road transport information

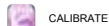
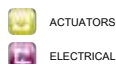
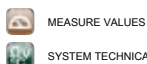
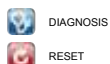
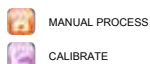


K 380 IB

Antitheft	LAS, Locking and alarm system		
Gearbox	ECOMAT 2, Automatic gearbox		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System		
Central computer	COO, Coordinator		
Brakes	BMS, Brake management system		
Compressed air processing	APS, Compressed air supply		
Lighting	VIS, Visibility system		
Instrument cluster	ICL, Instrument cluster		
Chassis module	BCS, Bus chassis system		
Electronic module	AWD, Four-wheel Drive		
Engine	EMS HPI, High pressure injection system		
Engine	EMS PDE, Engine management system, pump-injectors		
Engine	EMS XPI, High pressure injection system, injection rail		
Radio	AUS, Audio system		
Safety	CSS, Collision safety system		
Suspension	SMS, Suspension management system		
Tachograph	TCO, Tachograph		
Telematic	RTI, Road transport information		

K 420 EB

Antitheft	LAS, Locking and alarm system		
Gearbox	ECOMAT 2, Automatic gearbox		
Gearbox	GMS, Gearbox management system		
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air		
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system		
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System		
Central computer	COO, Coordinator		
Brakes	BMS, Brake management system		

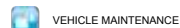
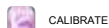
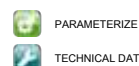
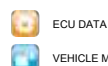
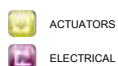
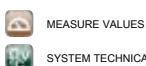
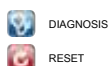
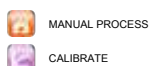




Compressed air processing	APS, Compressed air supply									
Lighting	VIS, Visibility system									
Instrument cluster	ICL, Instrument cluster									
Chassis module	BCS, Bus chassis system									
Electronic module	AWD, Four-wheel Drive									
Engine	EMS HPI, High pressure injection system									
Engine	EMS PDE, Engine management system, pump-injectors									
Engine	EMS XPI, High pressure injection system, injection rail									
Radio	AUS, Audio system									
Safety	CSS, Collision safety system									
Suspension	SMS, Suspension management system									
Tachograph	TCO, Tachograph									
Telematic	RTI, Road transport information									

K 420 IB

Antitheft	LAS, Locking and alarm system									
Gearbox	ECOMAT 2, Automatic gearbox									
Gearbox	GMS, Gearbox management system									
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air									
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system									
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System									
Central computer	COO, Coordinator									
Brakes	BMS, Brake management system									
Compressed air processing	APS, Compressed air supply									
Lighting	VIS, Visibility system									
Instrument cluster	ICL, Instrument cluster									
Chassis module	BCS, Bus chassis system									
Electronic module	AWD, Four-wheel Drive									
Engine	EMS HPI, High pressure injection system									
Engine	EMS PDE, Engine management system, pump-injectors									
Engine	EMS XPI, High pressure injection system, injection rail									
Radio	AUS, Audio system									
Safety	CSS, Collision safety system									
Suspension	SMS, Suspension management system									
Tachograph	TCO, Tachograph									
Telematic	RTI, Road transport information									





K 470 EB

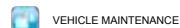
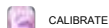
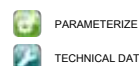
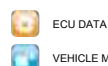
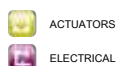
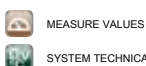
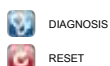
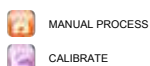
Antitheft	LAS, Locking and alarm system						
Gearbox	ECOMAT 2, Automatic gearbox						
Gearbox	GMS, Gearbox management system						
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air						
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system						
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System						
Central computer	COO, Coordinator						
Brakes	BMS, Brake management system						
Compressed air processing	APS, Compressed air supply						
Lighting	VIS, Visibility system						
Instrument cluster	ICL, Instrument cluster						
Chassis module	BCS, Bus chassis system						
Electronic module	AWD, Four-wheel Drive						
Engine	EMS HPI, High pressure injection system						
Engine	EMS PDE, Engine management system, pump-injectors						
Engine	EMS XPI, High pressure injection system, injection rail						
Radio	AUS, Audio system						
Safety	CSS, Collision safety system						
Suspension	SMS, Suspension management system						
Tachograph	TCO, Tachograph						
Telematic	RTI, Road transport information						

L 113

Gearbox	ECOMAT 1, Automatic gearbox						
Gearbox	ECOMAT 2, Automatic gearbox						
Brakes	ABS C2/C3, Antilock braking system						
Brakes	ABS I8, Antilock braking system						
Brakes	ABS P4, Antilock braking system						
Retarder	Retarder, Retarder						
Suspension	ELC, Electronically controlled air suspension						

N 113

Gearbox	ECOMAT 1, Automatic gearbox						
Gearbox	ECOMAT 2, Automatic gearbox						
Brakes	ABS C2/C3, Antilock braking system						
Brakes	ABS I8, Antilock braking system						





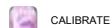
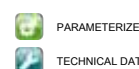
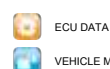
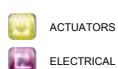
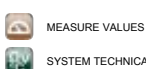
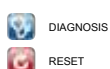
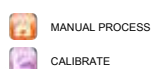
Brakes	ABS P4, Antilock braking system									
Retarder	Retarder, Retarder									
Suspension	ELC, Electronically controlled air suspension									

N 230 UB [2005-...]

Antitheft	LAS, Locking and alarm system									
Gearbox	ECOMAT 2, Automatic gearbox									
Gearbox	GMS, Gearbox management system									
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air									
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system									
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System									
Central computer	COO, Coordinator									
Brakes	BMS, Brake management system									
Compressed air processing	APS, Compressed air supply									
Lighting	VIS, Visibility system									
Instrument cluster	ICL, Instrument cluster									
Chassis module	BCS, Bus chassis system									
Electronic module	AWD, Four-wheel Drive									
Engine	EMS HPI, High pressure injection system									
Engine	EMS PDE, Engine management system, pump-injectors									
Engine	EMS XPI, High pressure injection system, injection rail									
Radio	AUS, Audio system									
Safety	CSS, Collision safety system									
Suspension	SMS, Suspension management system									
Tachograph	TCO, Tachograph									
Telematic	RTI, Road transport information									

N 270 UB [2005-...]

Antitheft	LAS, Locking and alarm system									
Gearbox	ECOMAT 2, Automatic gearbox									
Gearbox	GMS, Gearbox management system									
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air									
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system									
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System									

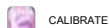
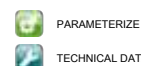
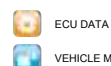
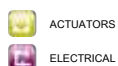
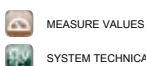
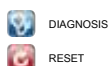
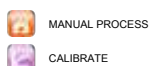




Central computer	COO, Coordinator								
Brakes	BMS, Brake management system								
Compressed air processing	APS, Compressed air supply								
Lighting	VIS, Visibility system								
Instrument cluster	ICL, Instrument cluster								
Chassis module	BCS, Bus chassis system								
Electronic module	AWD, Four-wheel Drive								
Engine	EMS HPI, High pressure injection system								
Engine	EMS PDE, Engine management system, pump-injectors								
Engine	EMS XPI, High pressure injection system, injection rail								
Radio	AUS, Audio system								
Safety	CSS, Collision safety system								
Suspension	SMS, Suspension management system								
Tachograph	TCO, Tachograph								
Telematic	RTI, Road transport information								

N 310 UB [2005-...]

Antitheft	LAS, Locking and alarm system								
Gearbox	ECOMAT 2, Automatic gearbox								
Gearbox	GMS, Gearbox management system								
HVAC (Heating, Ventilating and Air Conditioning)	AHS ATA, Auxiliary heater system, air to air								
HVAC (Heating, Ventilating and Air Conditioning)	AHS WTA, Air-water heater auxiliary system								
HVAC (Heating, Ventilating and Air Conditioning)	CCS, Climate Control System								
Central computer	COO, Coordinator								
Brakes	BMS, Brake management system								
Compressed air processing	APS, Compressed air supply								
Lighting	VIS, Visibility system								
Instrument cluster	ICL, Instrument cluster								
Chassis module	BCS, Bus chassis system								
Electronic module	AWD, Four-wheel Drive								
Engine	EMS HPI, High pressure injection system								
Engine	EMS PDE, Engine management system, pump-injectors								
Engine	EMS XPI, High pressure injection system, injection rail								
Radio	AUS, Audio system								
Safety	CSS, Collision safety system								
Suspension	SMS, Suspension management system								
Tachograph	TCO, Tachograph								



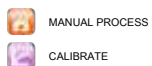


SCANIA

jaltest

Telematic

RTI, Road transport information



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA

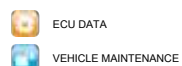
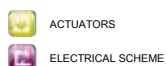
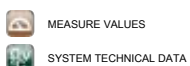
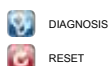
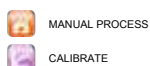


BR 300

Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Central computer	FR, Electronic gear shift regulation								
Brakes	ABS 24/EU12, Antilock braking system								
Brakes	ABS Ci12, Antilock braking system								
Brakes	BS, Braking system								
Brakes	EBS BUS, Electronic Braking System								
Engine	MR, Pump-Pipe-Injector with electronic diesel control								
Retarder	RS, Retarder management								
Suspension	ENR, Level regulation								

BR 400

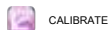
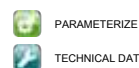
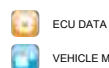
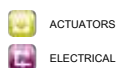
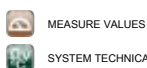
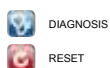
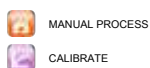
Gearbox	ECOMAT 1, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater								
Central computer	FR, Electronic gear shift regulation								
Brakes	ABS 24/EU12, Antilock braking system								
Brakes	ABS Ci12, Antilock braking system								
Brakes	BS, Braking system								
Brakes	EBS BUS, Electronic Braking System								
Electronic module	ART, Tempomat, distance regulator								
Engine	MR, Pump-Pipe-Injector with electronic diesel control								
Retarder	RS, Retarder management								
Suspension	ECAS ENR, Level regulation								





MARLIN

Gearbox	ECOMAT 2, Automatic gearbox						
Gearbox	HPS, Hydro-pneumatic control						
Central computer	FR, Electronic gear shift regulation						
Steering	EHZ, Electro-hydraulic auxiliary steering						
Brakes	ABS, Antilock braking system						
Brakes	BS, Braking system						
Brakes	EBS BUS, Electronic Braking System						
Instrument cluster	INS, Instrument cluster						
Maintenance	WS, Maintenance system						
Engine	MR, Pump-Pipe-Injector with electronic diesel control						
Safety	SRS, Airbag						
Suspension	ECAS BUS, Electronically controlled suspension system						
Suspension	NR, Level regulation						
Telematic	FFB, Radio communication commander						



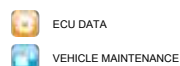
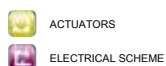
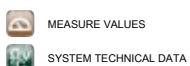
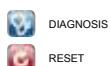
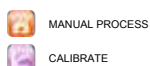


ALPINO

Antipollution	EAS/EAS-2, Exhaust gas treatment system								
Gearbox	DIWA 3, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS D, Antilock braking system								
Brakes	EBS, Electronic Braking System								
Brakes	EBS2, Electronic Braking System								
Engine	DMCI, Multi-Controlled Injection								
Suspension	ECAS BUS, Electronically controlled suspension system								

URBINO 12

Antipollution	EAS/EAS-2, Exhaust gas treatment system								
Gearbox	DIWA 3, Automatic gearbox								
Gearbox	ECOMAT 2, Automatic gearbox								
Brakes	ABS D, Antilock braking system								
Brakes	EBS, Electronic Braking System								
Brakes	EBS2, Electronic Braking System								
Engine	DMCI, Multi-Controlled Injection								
Suspension	ECAS BUS, Electronically controlled suspension system								





BN 10,5

Antipollution	DENOX2, Exhaust gas treatment system								
Brakes	ABS D, Antilock braking system								
Brakes	ABS E, Antilock braking system								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC7 UC31, Engine management system, pump-injectors								
Suspension	ECAS BUS, Electronically controlled suspension system								

BN 12

Antipollution	DENOX2, Exhaust gas treatment system								
Brakes	ABS D, Antilock braking system								
Brakes	ABS E, Antilock braking system								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC7 UC31, Engine management system, pump-injectors								
Suspension	ECAS BUS, Electronically controlled suspension system								

BN 9,5

Brakes	ABS C, Antilock braking system								
Brakes	ABS D, Antilock braking system								

C 10,5

Antipollution	DENOX2, Exhaust gas treatment system								
Brakes	ABS D, Antilock braking system								
Brakes	ABS E, Antilock braking system								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC7 UC31, Engine management system, pump-injectors								
Suspension	ECAS BUS, Electronically controlled suspension system								

C 12

Antipollution	DENOX2, Exhaust gas treatment system								
Brakes	ABS D, Antilock braking system								
Brakes	ABS E, Antilock braking system								
Engine	EDC 7, Electronic diesel control, injection rail								
Engine	EDC7 UC31, Engine management system, pump-injectors								
Suspension	ECAS BUS, Electronically controlled suspension system								

C 9,5

Brakes	ABS C, Antilock braking system								
Brakes	ABS D, Antilock braking system								

CN 10,5

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Antipollution	DENOX2, Exhaust gas treatment system												
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC7 UC31, Engine management system, pump-injectors												
Suspension	ECAS BUS, Electronically controlled suspension system												

CN 12

Antipollution	DENOX2, Exhaust gas treatment system												
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC7 UC31, Engine management system, pump-injectors												
Suspension	ECAS BUS, Electronically controlled suspension system												

CN 9,5

Brakes	ABS C, Antilock braking system												
Brakes	ABS D, Antilock braking system												

LH 10,5

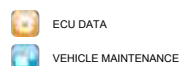
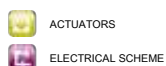
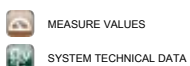
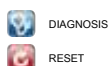
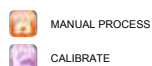
Antipollution	DENOX2, Exhaust gas treatment system												
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC7 UC31, Engine management system, pump-injectors												
Suspension	ECAS BUS, Electronically controlled suspension system												

LH 12

Antipollution	DENOX2, Exhaust gas treatment system												
Brakes	ABS D, Antilock braking system												
Brakes	ABS E, Antilock braking system												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC7 UC31, Engine management system, pump-injectors												
Suspension	ECAS BUS, Electronically controlled suspension system												

LH 9,5

Brakes	ABS C, Antilock braking system												
Brakes	ABS D, Antilock braking system												



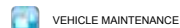
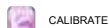
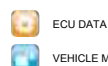
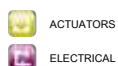
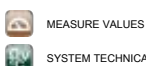
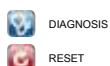
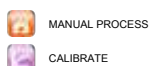


B12B

Antitheft	ICU, Immobilizer Control Unit						
Gearbox	GECU, Gearbox lever						
Gearbox	TECU, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control						
Central computer	CC, Body computer						
Central computer	VECU, Vehicle Electronic Control Unit						
Wheel pressure control	TPM, Tire Pressure Monitoring System						
Steering	SW, Steering wheel						
Brakes	ABS, Antilock braking system						
Brakes	EBS Gen 2, Electronic Braking System						
Brakes	EBS Gen 3, Electronic Braking System						
Brakes	EBS5, Electronic Braking System						
Lighting	LECU / LCM, Light Control Unit						
Instrument cluster	IC, Instrument cluster						
Instrument cluster	MD, Instrument cluster - display						
Chassis module	BCU / BBM, Bodywork Module						
Electronic module	BCI, Chassis identification unit						
Engine	EDC Euro 3, Engine management system						
Engine	EDC Euro 4/5, Engine management system						
Multiplex	CIM, Chassis Interface Module						
Retarder	Retarder, Retarder						
Safety	Airbag, Airbag						
Suspension	ECS, Electronically controlled suspension system						

B7R

Antitheft	ICU, Immobilizer Control Unit						
Gearbox	GECU, Gearbox lever						
Gearbox	TECU, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control						
Central computer	CC, Body computer						
Central computer	VECU, Vehicle Electronic Control Unit						
Wheel pressure control	TPM, Tire Pressure Monitoring System						
Steering	SW, Steering wheel						
Brakes	ABS, Antilock braking system						
Brakes	EBS Gen 2, Electronic Braking System						
Brakes	EBS Gen 3, Electronic Braking System						
Brakes	EBS5, Electronic Braking System						





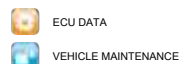
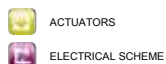
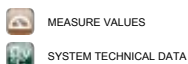
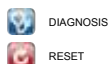
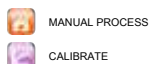
Lighting	LECU / LCM, Light Control Unit								
Instrument cluster	IC, Instrument cluster								
Instrument cluster	MD, Instrument cluster - display								
Chassis module	BCU / BBM, Bodywork Module								
Electronic module	BCI, Chassis identification unit								
Engine	EDC Euro 3, Engine management system								
Engine	EDC Euro 4/5, Engine management system								
Multiplex	CIM, Chassis Interface Module								
Retarder	Retarder, Retarder								
Safety	Airbag, Airbag								
Suspension	ECS, Electronically controlled suspension system								

B9L

Antitheft	ICU, Immobilizer Control Unit								
Gearbox	GECU, Gearbox lever								
Gearbox	TECU, Transmission								
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control								
Central computer	CC, Body computer								
Central computer	VECU, Vehicle Electronic Control Unit								
Wheel pressure control	TPM, Tire Pressure Monitoring System								
Steering	SW, Steering wheel								
Brakes	ABS, Antilock braking system								
Brakes	EBS Gen 2, Electronic Braking System								
Brakes	EBS Gen 3, Electronic Braking System								
Brakes	EBS5, Electronic Braking System								
Lighting	LECU / LCM, Light Control Unit								
Instrument cluster	IC, Instrument cluster								
Instrument cluster	MD, Instrument cluster - display								
Chassis module	BCU / BBM, Bodywork Module								
Electronic module	BCI, Chassis identification unit								
Engine	EDC Euro 3, Engine management system								
Engine	EDC Euro 4/5, Engine management system								
Multiplex	CIM, Chassis Interface Module								
Retarder	Retarder, Retarder								
Safety	Airbag, Airbag								
Suspension	ECS, Electronically controlled suspension system								

B9R Sideral

Antitheft	ICU, Immobilizer Control Unit								
Gearbox	GECU, Gearbox lever								





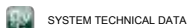
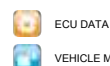
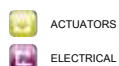
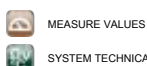
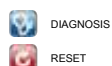
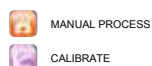
Gearbox	TECU, Transmission												
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control												
Central computer	CC, Body computer												
Central computer	VECU, Vehicle Electronic Control Unit												
Wheel pressure control	TPM, Tire Pressure Monitoring System												
Steering	SW, Steering wheel												
Brakes	ABS, Antilock braking system												
Brakes	EBS Gen 2, Electronic Braking System												
Brakes	EBS Gen 3, Electronic Braking System												
Brakes	EBS5, Electronic Braking System												
Lighting	LECU / LCM, Light Control Unit												
Instrument cluster	IC, Instrument cluster												
Instrument cluster	MD, Instrument cluster - display												
Chassis module	BCU / BBM, Bodywork Module												
Electronic module	BCI, Chassis identification unit												
Engine	EDC Euro 3, Engine management system												
Engine	EDC Euro 4/5, Engine management system												
Multiplex	CIM, Chassis Interface Module												
Retarder	Retarder, Retarder												
Safety	Airbag, Airbag												
Suspension	ECS, Electronically controlled suspension system												

MAN A89

Gearbox	ECOMAT 2, Automatic gearbox												
Brakes	EBS 5, Electronic Braking System												
Brakes	EBS Knorr 2.2-2.3, Electronic Braking System												
Engine	EDC 7, Electronic diesel control, injection rail												
Engine	EDC MS6.1, Diesel in-line injection pump												
Retarder	EST42, Retarder												
Retarder	EST48, Retarder												
Suspension	ECAS BUS, Electronically controlled suspension system												
Suspension	ECAS CAN2 K, Electronically controlled suspension system												
Suspension	ECAS NFG, Electronically controlled suspension system												

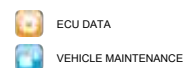
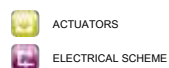
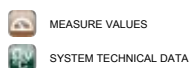
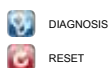
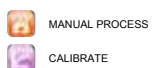
MB SIDERAL OC500

Gearbox	ECOMAT 2, Automatic gearbox												
Gearbox	GS, Gear shift control												
HVAC (Heating, Ventilating and Air Conditioning)	ZHE, Additional heater												





Central computer	FR, Electronic gear shift regulation											
Brakes	BS, Braking system											
Brakes	EBS BUS, Electronic Braking System											
Instrument cluster	INS, Instrument cluster											
Engine	MR, Pump-Pipe-Injector with electronic diesel control											
Retarder	RS, Retarder management											
Suspension	ECAS BUS, Electronically controlled suspension system											
Suspension	NR, Level regulation											
Tachograph	TCO, Tachograph											





Allison

Gearbox	1000, 2000, 2400 Series, Transmission									
Gearbox	1000/2000 Series (4th gen) SAE J1939, Gearbox management system									
Gearbox	1000/2000 Series (4th gen), Transmission									
Gearbox	3000/4000 Series (4th gen) SAE J1939, Gearbox management system									
Gearbox	3000/4000 Series (4th gen), Transmission									
Gearbox	WTEC II, Transmission									
Gearbox	WTEC III 3000, 4000 Series, Transmission									

Bendix

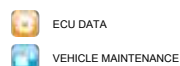
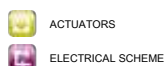
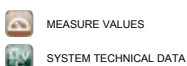
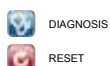
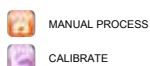
Brakes	ABS 2X, Antilock braking system							
Brakes	ABS U1X, Antilock braking system							
Brakes	EC-17, Antilock braking system							
Brakes	EC-30, Antilock braking system							
Brakes	EC-60, Antilock braking system							

Caterpillar

Engine	ECM 3126, Engine control system						
Engine	ECM 3176, Engine control system						
Engine	ECM 3406, Engine control system						
Engine	ECM C-10, Engine control system						
Engine	ECM C-12, Engine control system						
Engine	ECM C-13, Engine Control System						
Engine	ECM C-15, Engine control system						
Engine	ECM C-16, Engine control system						
Engine	ECM C-7, Engine control system						

Cummins

Engine	Celect Plus, Engine control system						
Engine	Celect, Engine control system						
Engine	Centry, Engine control system						
Engine	ISB 6.7 CM2250, Engine control system						
Engine	ISB CM2150D SAE J1939, Engine control system						
Engine	ISB CM2150E SAE J1939, Engine control system						
Engine	ISB CM550, Engine control system						
Engine	ISB CM850 SAE J1708, Engine Control System						
Engine	ISB CM850 SAE J1939, Engine management system						
Engine	ISB4.5 /6.7 - ISD 4.5/6.7 CM2150 SN, Engine control system						
Engine	ISC - ISL - ISB CM2250, Engine control system						





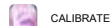
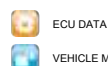
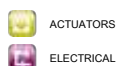
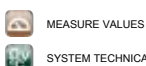
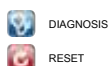
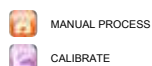
SYSTEM MANUFACTURERS



Engine	ISC 8.3 CM2250 SAE J1939, Engine control system							
Engine	ISC CM2150D, Engine control system							
Engine	ISC CM850 SAE J1708, Engine control system							
Engine	ISC CM850 SAE J1939, Engine control system							
Engine	ISC/ISL CM554, Engine control system							
Engine	ISF 2.8 CM2220 S, Engine control system							
Engine	ISL 8.9 CM850, Engine control system							
Engine	ISL CM2150D, Engine control system							
Engine	ISL CM850, Engine control system							
Engine	ISL G CM2180A, Engine control system							
Engine	ISL9 CM2250 SAE J1939, Engine control system							
Engine	ISM - ISM11 CM876 SN, Engine control system							
Engine	ISM CM570, Engine control system							
Engine	ISM CM870, Engine control system							
Engine	ISM CM875, Engine control system							
Engine	ISM CM876 SAE J1708, Engine control system							
Engine	ISM CM876 SAE J1939, Engine control system							
Engine	ISX /ISZ13 CM2150 SN, Engine control system							
Engine	ISX 11.9/15 CM2250, Engine control system							
Engine	ISX CM2250, Engine control system							
Engine	ISX CM871 SAE J1708, Engine control system							
Engine	ISX CM871 SAE J1939, Engine control system							
Engine	ISZ CM2150D, Engine control system							
Engine	Signature ISX CM870 SAE J1708, Engine control system							
Engine	Signature ISX CM870 SAE J1939, Engine control system							
Engine	Signature, ISX CM570, Engine control system							
Engine	Transit Bus ISL 8.3 CM850, Engine control system							

Detroit Diesel

Engine	EDC DDEC II, Detroit Diesel Electronic Control							
Engine	EDC DDEC III (1993 - 1997), Detroit Diesel Electronic Control							
Engine	EDC DDEC IV (1998 - 2003), Detroit Diesel Electronic Control							
Engine	EDC DDEC V (2004 - 2006), Detroit Diesel Electronic Control							
Engine	EDC Detroit Diesel MBE 4000 SAE J1708, Engine control system							
Engine	EDC Detroit Diesel MBE 4000 SAE J1939, Engine control system							
Engine	EDC Detroit Diesel MBE 900 SAE J1708, Engine control system							
Engine	EDC Detroit Diesel MBE 900 SAE J1939, Engine Control System							





Eaton

Gearbox	TECU Shift Gen 1, Transmission												
Gearbox	TECU Shift Gen 2, Transmission												

MB

Central computer	ADM 2, Vehicle management computer												
Central computer	ADM, Vehicle management computer												
Engine	MR / PLD (4L & 6L cylinder), Pump-Pipe-Injector with electronic diesel control												
Engine	MR / PLD (6 cylinder), Pump-Pipe-Injector with electronic diesel control												
Engine	MR / PLD (6V & 8V cylinder), Pump-Pipe-Injector with electronic diesel control												

Meritor Wabco

Brakes	ABS D/E Wabco, Antilock braking system												
Brakes	HABS, Anti-lock hydraulic braking system												

Navistar

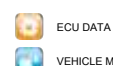
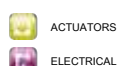
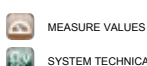
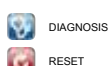
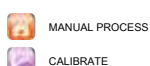
Engine	EDC DLC I6 (1998-2004), Engine control system												
Engine	EDC DLC V8 (1998-2004), Engine control system												
Engine	EDC DLCII I6 (2004-2006), Engine control system												
Engine	EDC DLCII V6 (2005-2006), Engine control system												
Engine	EDC DLCII V8 (2002-2006), Engine control system												
Engine	EDC Navistar 3-BOX, Engine control system												
Engine	MaxxForce 11/13 (2008 - 2009) SAE J1708, Engine control system												
Engine	MaxxForce 11/13 (2008 - 2009) SAE J1939, Engine management system												
Engine	MaxxForce 5 (2007 - 2009) SAE J1708, Engine control system												
Engine	MaxxForce 5 (2007 - 2009) SAE J1939, Engine management system												
Engine	MaxxForce 7 (2007 - 2009) SAE J1708, Engine control system												
Engine	MaxxForce 7 (2007 - 2009) SAE J1939, Engine management system												
Engine	MaxxForce DT/9/10 (2007 - 2009) SAE J1708, Engine control system												
Engine	MaxxForce DT/9/10 (2007 - 2009) SAE J1939, Engine control system												

Paccar

Engine	PX engine, Engine Control System												
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Volvo

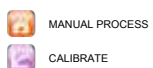
Engine	VE D12, Engine management system												
Engine	V-MAC IV, Engine control system												



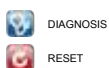


ZF Meritor

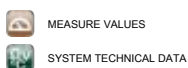
Gearbox	FreedomLine SAE J1708, Transmission					
Gearbox	FreedomLine SAE J1939, Transmission					
Gearbox	SureShift, Transmission					



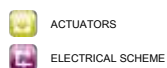
MANUAL PROCESS



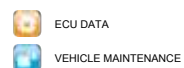
DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



A330

Antipollution	EAS/EAS-2, Exhaust gas treatment system							
Gearbox	DIWA 3, Automatic gearbox							
Gearbox	ECOMAT 2, Automatic gearbox							
Electronic module	MTS, Door module							
Engine	DMCI, Multi-Controlled Injection							

ASTRON

Antipollution	EAS/EAS-2, Exhaust gas treatment system							
Gearbox	ECOMAT 2, Automatic gearbox							
Brakes	ABS D, Antilock braking system							
Brakes	EBS, Electronic Braking System							
Brakes	EBS2, Electronic Braking System							
Engine	DMCI, Multi-Controlled Injection							
Suspension	BUS ECAS, Electronically controlled suspension system							

C2000

Engine	EDC DDEC III, Detroit Diesel Electronic Control							
Engine	EDC DDEC IV, Detroit Diesel Electronic Control							
Engine	EDC DDEC V, Detroit Diesel Electronic Control							

T2100

Engine	EDC DDEC III, Detroit Diesel Electronic Control							
Engine	EDC DDEC IV, Detroit Diesel Electronic Control							
Engine	EDC DDEC V, Detroit Diesel Electronic Control							

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA

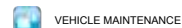
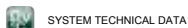
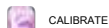
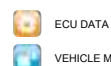
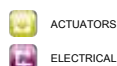
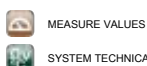
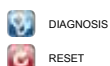
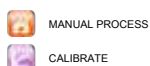


7700

Antitheft	ICU, Immobilizer Control Unit							
Gearbox	GECU, Gearbox lever							
Gearbox	TECU, Transmission							
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control							
Central computer	CC, Body computer							
Central computer	VECU, Vehicle Electronic Control Unit							
Wheel pressure control	TPM, Tire Pressure Monitoring System							
Steering	SW, Steering wheel							
Brakes	ABS, Antilock braking system							
Brakes	EBS Gen 2, Electronic Braking System							
Brakes	EBS Gen 3, Electronic Braking System							
Brakes	EBS5, Electronic Braking System							
Lighting	LECU / LCM, Light Control Unit							
Instrument cluster	IC, Instrument cluster							
Instrument cluster	MD, Instrument cluster - display							
Chassis module	BCU / BBM, Bodywork Module							
Electronic module	BCI, Chassis identification unit							
Engine	EDC Euro 3, Engine management system							
Engine	EDC Euro 4/5, Engine management system							
Multiplex	CIM, Chassis Interface Module							
Retarder	Retarder, Retarder							
Safety	Airbag, Airbag							
System type selection	MID 136, Braking system							
Suspension	ECS, Electronically controlled suspension system							

8300

Antitheft	ICU, Immobilizer Control Unit							
Gearbox	GECU, Gearbox lever							
Gearbox	TECU, Transmission							
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control							
Central computer	CC, Body computer							
Central computer	VECU, Vehicle Electronic Control Unit							
Wheel pressure control	TPM, Tire Pressure Monitoring System							
Steering	SW, Steering wheel							
Brakes	ABS, Antilock braking system							
Brakes	EBS Gen 2, Electronic Braking System							
Brakes	EBS Gen 3, Electronic Braking System							

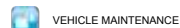
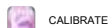
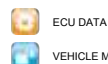
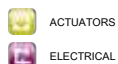
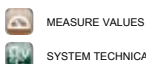
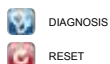
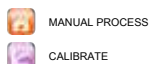




Brakes	EBS5, Electronic Braking System												
Lighting	LECU / LCM, Light Control Unit												
Instrument cluster	IC, Instrument cluster												
Instrument cluster	MD, Instrument cluster - display												
Chassis module	BCU / BBM, Bodywork Module												
Electronic module	BCI, Chassis identification unit												
Engine	EDC Euro 3, Engine management system												
Engine	EDC Euro 4/5, Engine management system												
Multiplex	CIM, Chassis Interface Module												
Retarder	Retarder, Retarder												
Safety	Airbag, Airbag												
System type selection	MID 136, Braking system												
Suspension	ECS, Electronically controlled suspension system												

8500

Antitheft	ICU, Immobilizer Control Unit												
Gearbox	GECU, Gearbox lever												
Gearbox	TECU, Transmission												
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control												
Central computer	CC, Body computer												
Central computer	VECU, Vehicle Electronic Control Unit												
Wheel pressure control	TPM, Tire Pressure Monitoring System												
Steering	SW, Steering wheel												
Brakes	ABS, Antilock braking system												
Brakes	EBS Gen 2, Electronic Braking System												
Brakes	EBS Gen 3, Electronic Braking System												
Brakes	EBS5, Electronic Braking System												
Lighting	LECU / LCM, Light Control Unit												
Instrument cluster	IC, Instrument cluster												
Instrument cluster	MD, Instrument cluster - display												
Chassis module	BCU / BBM, Bodywork Module												
Electronic module	BCI, Chassis identification unit												
Engine	EDC Euro 3, Engine management system												
Engine	EDC Euro 4/5, Engine management system												
Multiplex	CIM, Chassis Interface Module												
Retarder	Retarder, Retarder												
Safety	Airbag, Airbag												
System type selection	MID 136, Braking system												
Suspension	ECS, Electronically controlled suspension system												



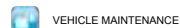
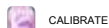
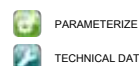
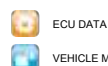
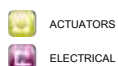
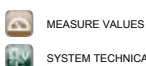
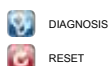
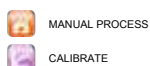


8700

Antitheft	ICU, Immobilizer Control Unit								
Gearbox	GECU, Gearbox lever								
Gearbox	TECU, Transmission								
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control								
Central computer	CC, Body computer								
Central computer	VECU, Vehicle Electronic Control Unit								
Wheel pressure control	TPM, Tire Pressure Monitoring System								
Steering	SW, Steering wheel								
Brakes	ABS, Antilock braking system								
Brakes	EBS Gen 2, Electronic Braking System								
Brakes	EBS Gen 3, Electronic Braking System								
Brakes	EBS5, Electronic Braking System								
Lighting	LECU / LCM, Light Control Unit								
Instrument cluster	IC, Instrument cluster								
Instrument cluster	MD, Instrument cluster - display								
Chassis module	BCU / BBM, Bodywork Module								
Electronic module	BCI, Chassis identification unit								
Engine	EDC Euro 3, Engine management system								
Engine	EDC Euro 4/5, Engine management system								
Multiplex	CIM, Chassis Interface Module								
Retarder	Retarder, Retarder								
Safety	Airbag, Airbag								
System type selection	MID 136, Braking system								
Suspension	ECS, Electronically controlled suspension system								

9300

Antitheft	ICU, Immobilizer Control Unit								
Gearbox	GECU, Gearbox lever								
Gearbox	TECU, Transmission								
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control								
Central computer	CC, Body computer								
Central computer	VECU, Vehicle Electronic Control Unit								
Wheel pressure control	TPM, Tire Pressure Monitoring System								
Steering	SW, Steering wheel								
Brakes	ABS, Antilock braking system								
Brakes	EBS Gen 2, Electronic Braking System								
Brakes	EBS Gen 3, Electronic Braking System								
Brakes	EBS5, Electronic Braking System								





Lighting	LECU / LCM, Light Control Unit							
Instrument cluster	IC, Instrument cluster							
Instrument cluster	MD, Instrument cluster - display							
Chassis module	BCU / BBM, Bodywork Module							
Electronic module	BCI, Chassis identification unit							
Engine	EDC Euro 3, Engine management system							
Engine	EDC Euro 4/5, Engine management system							
Multiplex	CIM, Chassis Interface Module							
Retarder	Retarder, Retarder							
Safety	Airbag, Airbag							
System type selection	MID 136, Braking system							
Suspension	ECS, Electronically controlled suspension system							

9700

Antitheft	ICU, Immobilizer Control Unit							
Gearbox	GEUCU, Gearbox lever							
Gearbox	TECU, Transmission							
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control							
Central computer	CC, Body computer							
Central computer	VECU, Vehicle Electronic Control Unit							
Wheel pressure control	TPM, Tire Pressure Monitoring System							
Steering	SW, Steering wheel							
Brakes	ABS, Antilock braking system							
Brakes	EBS Gen 2, Electronic Braking System							
Brakes	EBS Gen 3, Electronic Braking System							
Brakes	EBS5, Electronic Braking System							
Lighting	LECU / LCM, Light Control Unit							
Instrument cluster	IC, Instrument cluster							
Instrument cluster	MD, Instrument cluster - display							
Chassis module	BCU / BBM, Bodywork Module							
Electronic module	BCI, Chassis identification unit							
Engine	EDC Euro 3, Engine management system							
Engine	EDC Euro 4/5, Engine management system							
Multiplex	CIM, Chassis Interface Module							
Retarder	Retarder, Retarder							
Safety	Airbag, Airbag							
System type selection	MID 136, Braking system							
Suspension	ECS, Electronically controlled suspension system							

9900

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



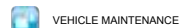
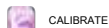
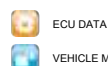
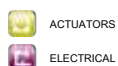
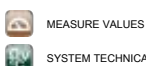
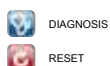
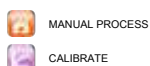
Antitheft	ICU, Immobilizer Control Unit							
Gearbox	GECU, Gearbox lever							
Gearbox	TECU, Transmission							
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control							
Central computer	CC, Body computer							
Central computer	VECU, Vehicle Electronic Control Unit							
Wheel pressure control	TPM, Tire Pressure Monitoring System							
Steering	SW, Steering wheel							
Brakes	ABS, Antilock braking system							
Brakes	EBS Gen 2, Electronic Braking System							
Brakes	EBS Gen 3, Electronic Braking System							
Brakes	EBS5, Electronic Braking System							
Lighting	LECU / LCM, Light Control Unit							
Instrument cluster	IC, Instrument cluster							
Instrument cluster	MD, Instrument cluster - display							
Chassis module	BCU / BBM, Bodywork Module							
Electronic module	BCI, Chassis identification unit							
Engine	EDC Euro 3, Engine management system							
Engine	EDC Euro 4/5, Engine management system							
Multiplex	CIM, Chassis Interface Module							
Retarder	Retarder, Retarder							
Safety	Airbag, Airbag							
System type selection	MID 136, Braking system							
Suspension	ECS, Electronically controlled suspension system							

B 10B

Gearbox	TECU, Transmission							
Central computer	VECU, Vehicle Electronic Control Unit							
Brakes	ABS E98, Antilock braking system							
Brakes	ABS/ASR C, Antilock braking system							
Instrument cluster	Info Display, Instrument cluster - display							
Instrument cluster	INS, Instrument cluster							
Engine	EDC, Engine management system							
Retarder	Retarder, Retarder							
Suspension	ECS, Electronically controlled suspension system							
Suspension	ELF, Electronically controlled air suspension							

B 10L

Gearbox	TECU, Transmission							
Central computer	VECU, Vehicle Electronic Control Unit							





Brakes	ABS E98, Antilock braking system	
Brakes	ABS/ASR C, Antilock braking system	
Instrument cluster	Info Display, Instrument cluster - display	
Instrument cluster	INS, Instrument cluster	
Engine	EDC, Engine management system	
Retarder	Retarder, Retarder	
Suspension	ECS, Electronically controlled suspension system	
Suspension	ELF, Electronically controlled air suspension	

B 10M

Gearbox	TECU, Transmission	
Central computer	VECU, Vehicle Electronic Control Unit	
Brakes	ABS E98, Antilock braking system	
Brakes	ABS/ASR C, Antilock braking system	
Instrument cluster	Info Display, Instrument cluster - display	
Instrument cluster	INS, Instrument cluster	
Engine	EDC, Engine management system	
Retarder	Retarder, Retarder	
Suspension	ECS, Electronically controlled suspension system	
Suspension	ELF, Electronically controlled air suspension	

B 10M-ART

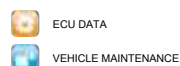
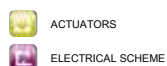
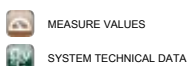
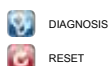
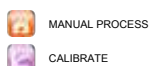
Gearbox	DIWA, Automatic gearbox	
Gearbox	TECU, Transmission	
Central computer	VECU, Vehicle Electronic Control Unit	
Brakes	ABS E98, Antilock braking system	
Brakes	ABS/ASR C, Antilock braking system	
Instrument cluster	INS, Instrument cluster	
Engine	EDC, Engine management system	
Retarder	Retarder, Retarder	
Suspension	ECS, Electronically controlled suspension system	
Suspension	ELF, Electronically controlled air suspension	

B 10R

Brakes	ABS/ASR C, Antilock braking system	
Suspension	ELF, Electronically controlled air suspension	

B 12

Gearbox	TECU, Transmission	
Central computer	VECU, Vehicle Electronic Control Unit	
Brakes	ABS E98, Antilock braking system	





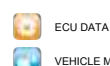
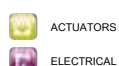
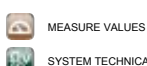
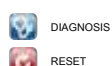
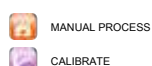
Brakes	ABS/ASR C, Antilock braking system									
Instrument cluster	Info Display, Instrument cluster - display									
Instrument cluster	INS, Instrument cluster									
Engine	EDC, Engine management system									
Retarder	Retarder, Retarder									
Suspension	ECS, Electronically controlled suspension system									
Suspension	ELF, Electronically controlled air suspension									

B 12B [1997-...]

Antitheft	ICU, Immobilizer Control Unit									
Gearbox	GECU, Gearbox lever									
Gearbox	TECU, Transmission									
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control									
Central computer	CC, Body computer									
Central computer	VECU, Vehicle Electronic Control Unit									
Wheel pressure control	TPM, Tire Pressure Monitoring System									
Steering	SW, Steering wheel									
Brakes	ABS, Antilock braking system									
Brakes	EBS Gen 2, Electronic Braking System									
Brakes	EBS Gen 3, Electronic Braking System									
Brakes	EBS5, Electronic Braking System									
Lighting	LECU / LCM, Light Control Unit									
Instrument cluster	IC, Instrument cluster									
Instrument cluster	Info Display, Instrument cluster - display									
Instrument cluster	MD, Instrument cluster - display									
Chassis module	BCU / BBM, Bodywork Module									
Electronic module	BCI, Chassis identification unit									
Engine	EDC Euro 3, Engine management system									
Engine	EDC Euro 4/5, Engine management system									
Multiplex	CIM, Chassis Interface Module									
Retarder	Retarder, Retarder									
Safety	Airbag, Airbag									
System type selection	MID 136, Braking system									
Suspension	ECS, Electronically controlled suspension system									

B 12M [1999-...]

Antitheft	ICU, Immobilizer Control Unit									
Gearbox	GECU, Gearbox lever									
Gearbox	TECU, Transmission									





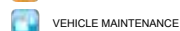
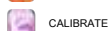
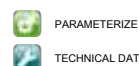
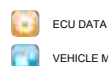
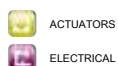
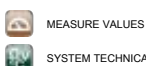
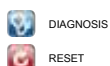
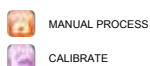
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control							
Central computer	CC, Body computer							
Central computer	VECU, Vehicle Electronic Control Unit							
Wheel pressure control	TPM, Tire Pressure Monitoring System							
Steering	SW, Steering wheel							
Brakes	ABS, Antilock braking system							
Brakes	EBS Gen 2, Electronic Braking System							
Brakes	EBS Gen 3, Electronic Braking System							
Brakes	EBS5, Electronic Braking System							
Lighting	LECU / LCM, Light Control Unit							
Instrument cluster	IC, Instrument cluster							
Instrument cluster	Info Display, Instrument cluster - display							
Instrument cluster	MD, Instrument cluster - display							
Chassis module	BCU / BBM, Bodywork Module							
Electronic module	BCI, Chassis identification unit							
Engine	EDC Euro 3, Engine management system							
Engine	EDC Euro 4/5, Engine management system							
Multiplex	CIM, Chassis Interface Module							
Retarder	Retarder, Retarder							
Safety	Airbag, Airbag							
System type selection	MID 136, Braking system							
Suspension	ECS, Electronically controlled suspension system							

B 7L

Gearbox	TECU, Transmission							
Central computer	VECU, Vehicle Electronic Control Unit							
Brakes	ABS E98, Antilock braking system							
Brakes	ABS/ASR C, Antilock braking system							
Instrument cluster	Info Display, Instrument cluster - display							
Instrument cluster	INS, Instrument cluster							
Engine	EDC, Engine management system							
Retarder	Retarder, Retarder							
Suspension	ECS, Electronically controlled suspension system							
Suspension	ELF, Electronically controlled air suspension							

B 7R [1997-...]

Antitheft	ICU, Immobilizer Control Unit							
Gearbox	GECU, Gearbox lever							
Gearbox	TECU, Transmission							

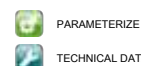
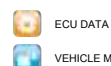
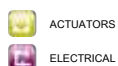
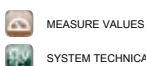
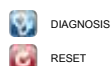
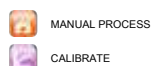




HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control							
Central computer	CC, Body computer							
Central computer	VECU, Vehicle Electronic Control Unit							
Wheel pressure control	TPM, Tire Pressure Monitoring System							
Steering	SW, Steering wheel							
Brakes	ABS, Antilock braking system							
Brakes	EBS Gen 2, Electronic Braking System							
Brakes	EBS Gen 3, Electronic Braking System							
Brakes	EBS5, Electronic Braking System							
Lighting	LECU / LCM, Light Control Unit							
Instrument cluster	IC, Instrument cluster							
Instrument cluster	MD, Instrument cluster - display							
Chassis module	BCU / BBM, Bodywork Module							
Electronic module	BCI, Chassis identification unit							
Engine	EDC Euro 3, Engine management system							
Engine	EDC Euro 4/5, Engine management system							
Multiplex	CIM, Chassis Interface Module							
Retarder	Retarder, Retarder							
Safety	Airbag, Airbag							
System type selection	MID 136, Braking system							
Suspension	ECS, Electronically controlled suspension system							

B 9L [2005-...]

Antitheft	ICU, Immobilizer Control Unit							
Gearbox	GECU, Gearbox lever							
Gearbox	TECU, Transmission							
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control							
Central computer	CC, Body computer							
Central computer	VECU, Vehicle Electronic Control Unit							
Wheel pressure control	TPM, Tire Pressure Monitoring System							
Steering	SW, Steering wheel							
Brakes	ABS, Antilock braking system							
Brakes	EBS Gen 2, Electronic Braking System							
Brakes	EBS Gen 3, Electronic Braking System							
Brakes	EBS5, Electronic Braking System							
Lighting	LECU / LCM, Light Control Unit							
Instrument cluster	IC, Instrument cluster							
Instrument cluster	MD, Instrument cluster - display							
Chassis module	BCU / BBM, Bodywork Module							





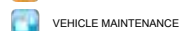
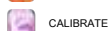
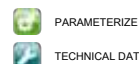
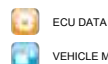
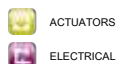
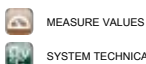
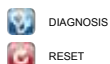
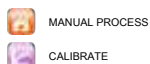
Electronic module	BCI, Chassis identification unit									
Engine	EDC Euro 3, Engine management system									
Engine	EDC Euro 4/5, Engine management system									
Multiplex	CIM, Chassis Interface Module									
Retarder	Retarder, Retarder									
Safety	Airbag, Airbag									
System type selection	MID 136, Braking system									
Suspension	ECS, Electronically controlled suspension system									

B 9R [2003-...]

Antitheft	ICU, Immobilizer Control Unit									
Gearbox	GECU, Gearbox lever									
Gearbox	TECU, Transmission									
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control									
Central computer	CC, Body computer									
Central computer	VECU, Vehicle Electronic Control Unit									
Wheel pressure control	TPM, Tire Pressure Monitoring System									
Steering	SW, Steering wheel									
Brakes	ABS, Antilock braking system									
Brakes	EBS Gen 2, Electronic Braking System									
Brakes	EBS Gen 3, Electronic Braking System									
Brakes	EBS5, Electronic Braking System									
Lighting	LECU / LCM, Light Control Unit									
Instrument cluster	IC, Instrument cluster									
Instrument cluster	MD, Instrument cluster - display									
Chassis module	BCU / BBM, Bodywork Module									
Electronic module	BCI, Chassis identification unit									
Engine	EDC Euro 3, Engine management system									
Engine	EDC Euro 4/5, Engine management system									
Multiplex	CIM, Chassis Interface Module									
Retarder	Retarder, Retarder									
Safety	Airbag, Airbag									
System type selection	MID 136, Braking system									
Suspension	ECS, Electronically controlled suspension system									

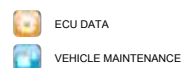
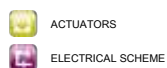
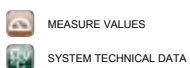
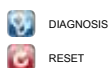
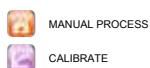
SIDERAL

Antitheft	ICU, Immobilizer Control Unit									
Gearbox	GECU, Gearbox lever									
Gearbox	TECU, Transmission									





HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control												
Central computer	CC, Body computer												
Central computer	VECU, Vehicle Electronic Control Unit												
Wheel pressure control	TPM, Tire Pressure Monitoring System												
Steering	SW, Steering wheel												
Brakes	ABS, Antilock braking system												
Brakes	EBS Gen 2, Electronic Braking System												
Brakes	EBS Gen 3, Electronic Braking System												
Brakes	EBS5, Electronic Braking System												
Lighting	LECU / LCM, Light Control Unit												
Instrument cluster	IC, Instrument cluster												
Instrument cluster	MD, Instrument cluster - display												
Chassis module	BCU / BBM, Bodywork Module												
Electronic module	BCI, Chassis identification unit												
Engine	EDC Euro 3, Engine management system												
Engine	EDC Euro 4/5, Engine management system												
Multiplex	CIM, Chassis Interface Module												
Retarder	Retarder, Retarder												
Safety	Airbag, Airbag												
Suspension	ECS, Electronically controlled suspension system												





Jumper 2.0 HDi [2001-2002], engine: RHV

Engine CR/EDC 15C-7, Electronic diesel control, injection rail



Jumper 2.0 HDi [2002-...], engine: RHV

Engine CR/EDC 15C-7, Electronic diesel control, injection rail



Jumper 2.2 HDi [2002-...], engine: 4HY

Engine CR/EDC 15C-7, Electronic diesel control, injection rail



Jumper 2.2 HDi [2006-...], engine: 4HU

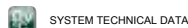
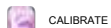
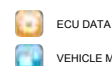
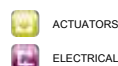
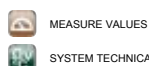
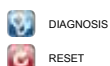
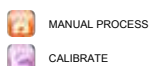
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control								
Central computer	BC 2.0.1, Body computer								
Brakes	ABS 8 Var 3, Antilock braking system								
Brakes	ABS 8.0, Antilock braking system								
Brakes	ABS/ASR 8.0, Antilock braking system								
Brakes	ESP 8.0, Electronic stability control								
Instrument cluster	INS 2.0.1, Instrument cluster								
Maintenance	Service 6.2.0, Maintenance system								
Electronic module	PDK 2.3, Parking help system								
Engine	CR/EDC DCU 102, Electronic diesel control, injection rail								
Safety	AB 5.0, Airbag								
Telematic	Audio / Telematic 2.0, Audio system								

Jumper 2.2 HDi [2006-...], engine: 4HV

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control								
Central computer	BC 2.0.1, Body computer								
Brakes	ABS 8 Var 3, Antilock braking system								
Brakes	ABS 8.0, Antilock braking system								
Brakes	ABS/ASR 8.0, Antilock braking system								
Brakes	ESP 8.0, Electronic stability control								
Instrument cluster	INS 2.0.1, Instrument cluster								
Maintenance	Service 6.2.0, Maintenance system								
Electronic module	PDK 2.3, Parking help system								
Engine	CR/EDC DCU 102, Electronic diesel control, injection rail								
Safety	AB 5.0, Airbag								
Telematic	Audio / Telematic 2.0, Audio system								

Jumper 2.8 Diesel [1999-2002], engine: 8140 63

Engine CR/EDC 15C-7, Electronic diesel control, injection rail





Jumper 2.8 Diesel Turbo [1999-2002], engine: 8140 43

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
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Jumper 2.8 Diesel Turbo [2002-...], engine: 8140 43

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
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Jumper 2.8 HDi (107 kW) [2004-2006], engine: 8140 43s

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
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Jumper 2.8 HDi (93 kW) [2005-...], engine: 8140 43s

Maintenance	Service 6.2.0, Maintenance system					
Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					

Jumper 2.8 HDi (94 kW) [2000-2002], engine: 8140 43s

Gearbox	4HP20, Automatic gearbox					
Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					

Jumper 2.8 HDi (94 kW) [2002-2006], engine: 8140 43s

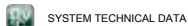
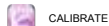
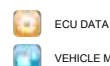
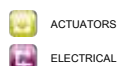
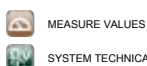
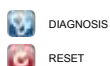
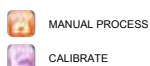
Gearbox	4HP20, Automatic gearbox					
Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					

Jumper 2.8 T [2001-2005], engine: 8140 43

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
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Jumper 3.0 HDi [2006-...], engine: F1C

Gearbox	CFC 348, Gearbox management system					
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control					
Central computer	BC 2.0.1, Body computer					
Brakes	ABS 8 Var 3, Antilock braking system					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ASR 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS 2.0.1, Instrument cluster					
Maintenance	Service 6.2.0, Maintenance system					
Electronic module	PDK 2.3, Parking help system					
Engine	EDC 16 C39, Electronic Diesel Control					
Safety	AB 5.0, Airbag					
Telematic	Audio / Telematic 2.0, Audio system					





Sprinter 2500 [1995-2000], engine: OM 601.943

Brakes	ABS/ABD 5.3, Antilock braking system				
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Sprinter 2500 [1995-2000], engine: OM 602.980 DE LA

Brakes	ABS/ABD 5.3, Antilock braking system				
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Sprinter 2500 [2000-2006], engine: OM 611 DE LA

Gearbox	EGS ML, Transmission				
Gearbox	EGS SSG, Transmission				
Brakes	ABS/ABD 5.3, Antilock braking system				
Brakes	ABS/ASR 5.7, Antilock braking system				
Brakes	ESP 1.34, Electronic stability control				
Engine	EDC 15C6, Electronic Diesel Control				
Safety	AB 7.8, Airbag				

Sprinter 2500 [2000-2006], engine: OM 612.981 DE LA

Gearbox	EGS ML, Transmission				
Gearbox	EGS SSG, Transmission				
Brakes	ABS/ABD 5.3, Antilock braking system				
Brakes	ABS/ASR 5.7, Antilock braking system				
Brakes	ESP 1.34, Electronic stability control				
Engine	EDC 15C6, Electronic Diesel Control				
Safety	AB 7.8, Airbag				

Sprinter 2500 [2001-...], engine: OM 611 LA

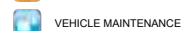
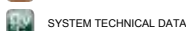
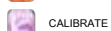
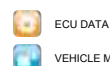
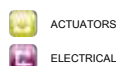
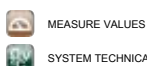
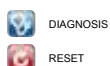
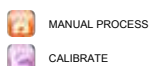
Gearbox	EGS SSG, Transmission				
Brakes	ABS/ASR 5.7, Antilock braking system				
Brakes	ESP 1.34, Electronic stability control				
Engine	EDC 15C6, Electronic Diesel Control				

Sprinter 2500 [2004-2006], engine: OM 647.981 DE 27 LA

Gearbox	EGS ML, Transmission				
Gearbox	EGS SSG, Transmission				
Brakes	ESP 1.34, Electronic stability control				
Engine	EDC 16 C2, Electronic Diesel Control				
Safety	AB 7.8, Airbag				

Sprinter 2500 [2006-...], engine: OM 642.99...

Antitheft	EZS 7.0, Ignition and start electronic switch			
Gearbox	EGS/VGSNA2, Automatic gearbox			



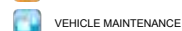
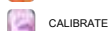
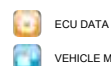
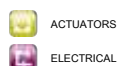
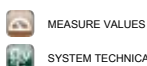
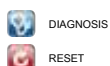
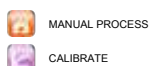


HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control								
Central computer	BC 7.0, Body computer								
Brakes	ESP 8.0 VAR 1, Electronic stability control								
Instrument cluster	INS 7.0, Instrument cluster								
Electronic module	ALWR 906, Light Control Unit								
Electronic module	CD-System 9.12.1, CD Control								
Electronic module	DBE 7.0, Roof control								
Electronic module	EWM 906, Gearbox lever								
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel								
Electronic module	OBF 7.0, Switches modular system								
Electronic module	Trailer 2.0, Towed vehicle recognition system								
Electronic module	Trailer 2.1, Towed vehicle recognition system								
Electronic module	TSG 7.0, Door module								
Engine	CR/EDC 16CP31, Electronic Diesel Control								
Radio	Audio 1.0, Audio system								
Safety	AB 9.06, Airbag								

Sprinter 2500 [2006-...], engine: OM 646 DE 22 LA



Antitheft	EZS 70, Ignition and start electronic switch								
Gearbox	EGS ML, Transmission								
Gearbox	EGS/VGSNA2, Automatic gearbox								
HVAC (Heating, Ventilating and Air Conditioning)	Klima 70, Climate control								
Central computer	BC 7.0, Body computer								
Brakes	ESP 8 Var1, Electronic stability control								
Instrument cluster	INS 7.0, Instrument cluster								
Electronic module	ALWR 906, Light Control Unit								
Electronic module	CD-System 9.12.1, CD Control								
Electronic module	DBE 7.0, Roof control								
Electronic module	EWM 906, Gearbox lever								
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel								
Electronic module	OBF 70, Switches modular system								
Electronic module	TSG 70, Door module								
Engine	CR/EDC 16CP31, Electronic Diesel Control								
Engine	EDC 15 C6, Electronic Diesel Control								
Engine	EDC 16 C, Electronic Diesel Control								
Radio	Audio 1.0, Audio system								
Safety	AB 9.06, Airbag								





Sprinter 3500 [1995-2000], engine: OM 601.943

Brakes	ABS/ABD 5.3, Antilock braking system				
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Sprinter 3500 [1995-2000], engine: OM 602.980 DE LA

Brakes	ABS/ABD 5.3, Antilock braking system				
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Sprinter 3500 [2000-2006], engine: OM 611 DE LA

Gearbox	EGS ML, Transmission				
Gearbox	EGS SSG, Transmission				
Brakes	ABS/ABD 5.3, Antilock braking system				
Brakes	ABS/ASR 5.7, Antilock braking system				
Brakes	ESP 1.34, Electronic stability control				
Engine	EDC 15C6, Electronic Diesel Control				
Safety	AB 7.8, Airbag				

Sprinter 3500 [2000-2006], engine: OM 612.981 DE LA

Gearbox	EGS ML, Transmission				
Gearbox	EGS SSG, Transmission				
Brakes	ABS/ABD 5.3, Antilock braking system				
Brakes	ABS/ASR 5.7, Antilock braking system				
Brakes	ESP 1.34, Electronic stability control				
Engine	EDC 15C6, Electronic Diesel Control				
Safety	AB 7.8, Airbag				

Sprinter 3500 [2001-...], engine: OM 611 LA

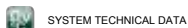
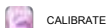
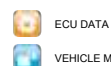
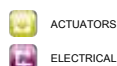
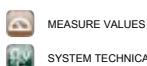
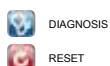
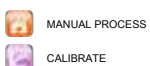
Gearbox	EGS SSG, Transmission				
Brakes	ABS/ASR 5.7, Antilock braking system				
Brakes	ESP 1.34, Electronic stability control				
Engine	EDC 15C6, Electronic Diesel Control				

Sprinter 3500 [2004-2006], engine: OM 647.981 DE 27 LA

Gearbox	EGS ML, Transmission				
Gearbox	EGS SSG, Transmission				
Brakes	ESP 1.34, Electronic stability control				
Engine	EDC 16 C2, Electronic Diesel Control				
Safety	AB 7.8, Airbag				

Sprinter 3500 [2006-...], engine: OM 642.99...

Antitheft	EZS 7.0, Ignition and start electronic switch				
Gearbox	EGS/VGSNA2, Automatic gearbox				
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control				



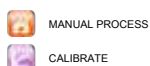


Central computer	BC 7.0, Body computer								
Brakes	ESP 8.0 VAR 1, Electronic stability control								
Instrument cluster	INS 7.0, Instrument cluster								
Electronic module	ALWR 906, Light Control Unit								
Electronic module	CD-System 9.12.1, CD Control								
Electronic module	DBE 7.0, Roof control								
Electronic module	EWM 906, Gearbox lever								
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel								
Electronic module	OBF 7.0, Switches modular system								
Electronic module	Trailer 2.0, Towed vehicle recognition system								
Electronic module	Trailer 2.1, Towed vehicle recognition system								
Electronic module	TSG 7.0, Door module								
Engine	CR/EDC 16CP31, Electronic Diesel Control								
Radio	Audio 1.0, Audio system								
Safety	AB 9.06, Airbag								

Sprinter 3500 [2006-...], engine: OM 646 DE 22 LA



Antitheft	EZS 70, Ignition and start electronic switch								
Gearbox	EGS ML, Transmission								
Gearbox	EGS/VGSNA2, Automatic gearbox								
HVAC (Heating, Ventilating and Air Conditioning)	Klima 70, Climate control								
Central computer	BC 7.0, Body computer								
Brakes	ESP 8 Var1, Electronic stability control								
Instrument cluster	INS 7.0, Instrument cluster								
Electronic module	ALWR 906, Light Control Unit								
Electronic module	CD-System 9.12.1, CD Control								
Electronic module	DBE 7.0, Roof control								
Electronic module	EWM 906, Gearbox lever								
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel								
Electronic module	OBF 70, Switches modular system								
Electronic module	TSG 70, Door module								
Engine	CR/EDC 16CP31, Electronic Diesel Control								
Engine	EDC 15 C6, Electronic Diesel Control								
Engine	EDC 16 C, Electronic Diesel Control								
Radio	Audio 1.0, Audio system								
Safety	AB 9.06, Airbag								



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



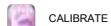
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



Ducato 10 1.9 D [1998-2001], engine: DJY

Safety	AB Siemens 1.0, Airbag						
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Ducato 10 2.0 JTD [2001-2002], engine: RHV

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail						
Safety	AB Siemens 1.0, Airbag						

Ducato 10 2.8 JTD [2000-2002], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail						
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Ducato 10 2.8 JTD 4x4 [2000-2002], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail						
Safety	AB Siemens 1.0, Airbag						

Ducato 10 2.8 JTD EGR [2000-2002], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail						
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Ducato 10 2.8 JTD EGR 4x4 [2000-2002], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail						
Safety	AB Siemens 1.0, Airbag						

Ducato 11 2.0 JTD [2002-2006], engine: RHV

Brakes	ABS 8.0, Antilock braking system						
Engine	CR/EDC 15C-7, Electronic diesel control, injection rail						
Safety	AB Siemens 1.0, Airbag						

Ducato 11 2.2 JTD [2006-...], engine: 4HV

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control						
Central computer	BC 2.0.1, Body computer						
Steering	PWS 1.0.1, Electro-hydraulic steering system						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ASR 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS 2.0.1, Instrument cluster						
Maintenance	Service 2.0, Maintenance system						
Electronic module	PDK 2.3, Parking help system						
Engine	CR/EDC DCU 102, Electronic diesel control, injection rail						
Safety	AB 5.0, Airbag						
Telematic	Audio / Telematic 2.0, Audio system						
Telematic	Audio / Telematic 2.0.1, Audio system						

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Ducato 11 2.3 JTD [2002-2006], engine: F1AE0481C



Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
Safety	AB Siemens 1.0, Airbag					

Ducato 11 2.3 JTD [2006-...], engine: F1AE0481D



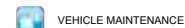
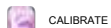
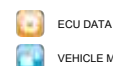
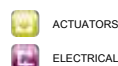
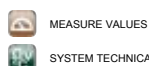
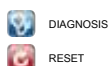
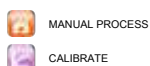
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control						
Central computer	BC 2.0.1, Body computer						
Steering	PWS 1.0.1, Electro-hydraulic steering system						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ASR 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS 2.0.1, Instrument cluster						
Maintenance	Service 2.0, Maintenance system						
Electronic module	PDK 2.3, Parking help system						
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control						
Engine	EDC 16 C39, Electronic Diesel Control						
Safety	AB 5.0, Airbag						
Telematic	Audio / Telematic 2.0, Audio system						
Telematic	Audio / Telematic 2.0.1, Audio system						

Ducato 11 2.3 JTD [2006-...], engine: F1AE0481N



HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control						
Central computer	BC 2.0.1, Body computer						
Steering	PWS 1.0.1, Electro-hydraulic steering system						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ASR 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS 2.0.1, Instrument cluster						
Maintenance	Service 2.0, Maintenance system						
Electronic module	PDK 2.3, Parking help system						
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control						
Engine	EDC 16 C39, Electronic Diesel Control						
Safety	AB 5.0, Airbag						
Telematic	Audio / Telematic 2.0, Audio system						
Telematic	Audio / Telematic 2.0.1, Audio system						

Ducato 11 2.3 JTD [2008-...], engine: F1AE0481C





HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control					
Central computer	BC 2.0.1, Body computer					
Steering	PWS 1.0.1, Electro-hydraulic steering system					
Instrument cluster	INS 2.0.1, Instrument cluster					
Maintenance	Service 2.0, Maintenance system					
Electronic module	PDK 2.3, Parking help system					
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control					
Safety	AB 5.0, Airbag					
Telematic	Audio / Telematic 2.0, Audio system					
Telematic	Audio / Telematic 2.0.1, Audio system					

Ducato 11 2.3 JTD EGR [2002-2006], engine: F1AE0481C

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
Safety	AB Siemens 1.0, Airbag					

Ducato 11 2.8 JTD [2002-2006], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
Safety	AB Siemens 1.0, Airbag					

Ducato 11 2.8 JTD 4x4 [2002-2006], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
Safety	AB Siemens 1.0, Airbag					

Ducato 11 2.8 JTD EGR [2002-2006], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
Safety	AB Siemens 1.0, Airbag					

Ducato 11 2.8 JTD EGR 4x4 [2002-2006], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
Safety	AB Siemens 1.0, Airbag					

Ducato 11 2.8 TD [2002-2006], engine: 8140.43

Safety	AB Siemens 1.0, Airbag					
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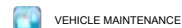
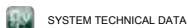
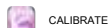
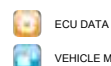
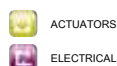
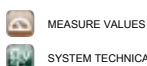
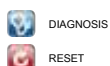
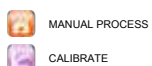
Ducato 11 2.8 TD EGR [2002-2006], engine: 8140.43

Safety	AB Siemens 1.0, Airbag					
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Ducato 11 2.8 TD EGR 4x4 [2002-2006], engine: 8140.43

Safety	AB Siemens 1.0, Airbag					
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Ducato 11 3.0 JTD [2006-...], engine: F1CE0481D





Gearbox	CFC 348, Gearbox management system							
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control							
Central computer	BC 2.0.1, Body computer							
Steering	PWS 1.0.1, Electro-hydraulic steering system							
Brakes	ABS 8.0, Antilock braking system							
Brakes	ABS/ASR 8.0, Antilock braking system							
Brakes	ESP 8.0, Electronic stability control							
Instrument cluster	INS 2.0.1, Instrument cluster							
Maintenance	Service 2.0, Maintenance system							
Electronic module	PDK 2.3, Parking help system							
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control							
Engine	EDC 16 C39, Electronic Diesel Control							
Safety	AB 5.0, Airbag							
Telematic	Audio / Telematic 2.0, Audio system							
Telematic	Audio / Telematic 2.0.1, Audio system							

Ducato 14 1.9 TD [1998-2001], engine: DHX

Safety	AB Siemens 1.0, Airbag						
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Ducato 14 2.0 JTD [2001-2002], engine: RHV

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail						
Safety	AB Siemens 1.0, Airbag						

Ducato 14 2.8 JTD [2000-2002], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail						
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Ducato 14 2.8 JTD 4x4 [2000-2002], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail						
Safety	AB Siemens 1.0, Airbag						

Ducato 14 2.8 JTD EGR [2000-2002], engine: 8140.43S

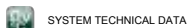
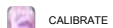
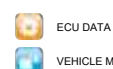
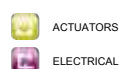
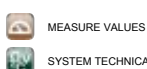
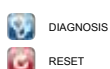
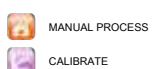
Engine	CR/EDC 15C-7, Electronic diesel control, injection rail						
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Ducato 14 2.8 JTD EGR 4x4 [2000-2002], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail						
Safety	AB Siemens 1.0, Airbag						

Ducato 15 2.0 JTD [2002-2006], engine: RHV

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail						
Safety	AB Siemens 1.0, Airbag						





Ducato 15 2.2 JTD [2006-...], engine: 4HV



HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control						
Central computer	BC 2.0.1, Body computer						
Steering	PWS 1.0.1, Electro-hydraulic steering system						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ASR 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS 2.0.1, Instrument cluster						
Maintenance	Service 2.0, Maintenance system						
Electronic module	PDK 2.3, Parking help system						
Engine	CR/EDC DCU 102, Electronic diesel control, injection rail						
Safety	AB 5.0, Airbag						
Telematic	Audio / Telematic 2.0, Audio system						
Telematic	Audio / Telematic 2.0.1, Audio system						

Ducato 15 2.3 JTD [2002-2006], engine: F1AE0481C



Engine	CR/EDC 15C-7, Electronic diesel control, injection rail						
Safety	AB Siemens 1.0, Airbag						

Ducato 15 2.3 JTD [2006-...], engine: F1AE0481D

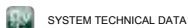
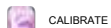
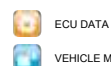
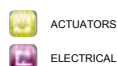
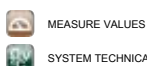
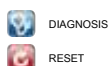
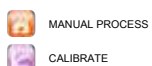


HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control						
Central computer	BC 2.0.1, Body computer						
Steering	PWS 1.0.1, Electro-hydraulic steering system						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ASR 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS 2.0.1, Instrument cluster						
Maintenance	Service 2.0, Maintenance system						
Electronic module	PDK 2.3, Parking help system						
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control						
Engine	EDC 16 C39, Electronic Diesel Control						
Safety	AB 5.0, Airbag						
Telematic	Audio / Telematic 2.0, Audio system						
Telematic	Audio / Telematic 2.0.1, Audio system						

Ducato 15 2.3 JTD [2006-...], engine: F1AE0481N



HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control						
Central computer	BC 2.0.1, Body computer						





Steering	PWS 1.0.1, Electro-hydraulic steering system						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ASR 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS 2.0.1, Instrument cluster						
Maintenance	Service 2.0, Maintenance system						
Electronic module	PDK 2.3, Parking help system						
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control						
Engine	EDC 16 C39, Electronic Diesel Control						
Safety	AB 5.0, Airbag						
Telematic	Audio / Telematic 2.0, Audio system						
Telematic	Audio / Telematic 2.0.1, Audio system						

Ducato 15 2.3 JTD [2008-...], engine: F1AE0481C

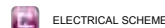
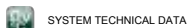
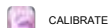
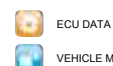
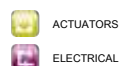
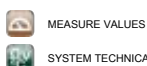
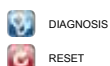
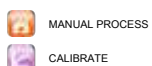
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control						
Central computer	BC 2.0.1, Body computer						
Steering	PWS 1.0.1, Electro-hydraulic steering system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS 2.0.1, Instrument cluster						
Maintenance	Service 2.0, Maintenance system						
Electronic module	PDK 2.3, Parking help system						
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control						
Safety	AB 5.0, Airbag						
Telematic	Audio / Telematic 2.0, Audio system						
Telematic	Audio / Telematic 2.0.1, Audio system						

Ducato 15 2.3 JTD EGR [2002-2006], engine: F1AE0481C

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail						
Safety	AB Siemens 1.0, Airbag						

Ducato 15 2.3 JTD EGR [2008-...], engine: F1AE0481C

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control						
Central computer	BC 2.0.1, Body computer						
Steering	PWS 1.0.1, Electro-hydraulic steering system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS 2.0.1, Instrument cluster						
Maintenance	Service 2.0, Maintenance system						
Electronic module	PDK 2.3, Parking help system						
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control						





Safety	AB 5.0, Airbag	
Telematic	Audio / Telematic 2.0, Audio system	
Telematic	Audio / Telematic 2.0.1, Audio system	

Ducato 15 2.8 JTD [2002-2006], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail	
Safety	AB Siemens 1.0, Airbag	

Ducato 15 2.8 JTD 4x4 [2002-2006], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail	
Safety	AB Siemens 1.0, Airbag	

Ducato 15 2.8 JTD CGV [2004-2006], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail	
Safety	AB Siemens 1.0, Airbag	

Ducato 15 2.8 JTD EGR [2002-2006], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail	
Safety	AB Siemens 1.0, Airbag	

Ducato 15 2.8 JTD EGR 4x4 [2002-2006], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail	
Safety	AB Siemens 1.0, Airbag	

Ducato 15 2.8 TD [2002-2006], engine: 8140.43

Safety	AB Siemens 1.0, Airbag	
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Ducato 15 2.8 TD 4x4 [2002-2006], engine: 8140.43

Safety	AB Siemens 1.0, Airbag	
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Ducato 15 2.8 TD EGR [2002-2006], engine: 8140.43

Safety	AB Siemens 1.0, Airbag	
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Ducato 15 2.8 TD EGR 4x4 [2002-2006], engine: 8140.43

Safety	AB Siemens 1.0, Airbag	
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Ducato 15 3.0 JTD [2006-...], engine: F1CE0481D

Gearbox	CFC 348, Gearbox management system	
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control	
Central computer	BC 2.0.1, Body computer	
Steering	PWS 1.0.1, Electro-hydraulic steering system	

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Brakes	ABS 8.0, Antilock braking system								
Brakes	ABS/ASR 8.0, Antilock braking system								
Brakes	ESP 8.0, Electronic stability control								
Instrument cluster	INS 2.0.1, Instrument cluster								
Maintenance	Service 2.0, Maintenance system								
Electronic module	PDK 2.3, Parking help system								
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control								
Engine	EDC 16 C39, Electronic Diesel Control								
Safety	AB 5.0, Airbag								
Telematic	Audio / Telematic 2.0, Audio system								
Telematic	Audio / Telematic 2.0.1, Audio system								

Ducato 17 2.2 JTD [2006-...], engine: 4HV

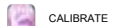
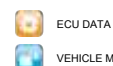
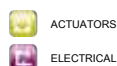
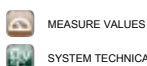
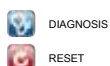
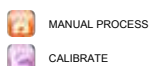


HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control								
Central computer	BC 2.0.1, Body computer								
Steering	PWS 1.0.1, Electro-hydraulic steering system								
Brakes	ABS 8.0, Antilock braking system								
Brakes	ABS/ASR 8.0, Antilock braking system								
Brakes	ESP 8.0, Electronic stability control								
Instrument cluster	INS 2.0.1, Instrument cluster								
Maintenance	Service 2.0, Maintenance system								
Electronic module	PDK 2.3, Parking help system								
Engine	CR/EDC DCU 102, Electronic diesel control, injection rail								
Safety	AB 5.0, Airbag								
Telematic	Audio / Telematic 2.0, Audio system								
Telematic	Audio / Telematic 2.0.1, Audio system								

Ducato 17 2.3 JTD [2006-...], engine: F1AE0481D



HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control								
Central computer	BC 2.0.1, Body computer								
Steering	PWS 1.0.1, Electro-hydraulic steering system								
Brakes	ABS 8.0, Antilock braking system								
Brakes	ABS/ASR 8.0, Antilock braking system								
Brakes	ESP 8.0, Electronic stability control								
Instrument cluster	INS 2.0.1, Instrument cluster								
Maintenance	Service 2.0, Maintenance system								
Electronic module	PDK 2.3, Parking help system								
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control								
Engine	EDC 16 C39, Electronic Diesel Control								





Safety	AB 5.0, Airbag				
Telematic	Audio / Telematic 2.0, Audio system				
Telematic	Audio / Telematic 2.0.1, Audio system				

Ducato 17 2.3 JTD [2006-...], engine: F1AE0481N

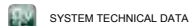
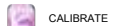
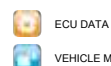
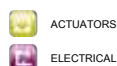
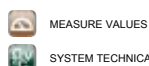
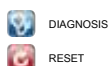
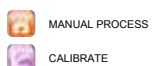
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control						
Central computer	BC 2.0.1, Body computer						
Steering	PWS 1.0.1, Electro-hydraulic steering system						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ASR 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS 2.0.1, Instrument cluster						
Maintenance	Service 2.0, Maintenance system						
Electronic module	PDK 2.3, Parking help system						
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control						
Engine	EDC 16 C39, Electronic Diesel Control						
Safety	AB 5.0, Airbag						
Telematic	Audio / Telematic 2.0, Audio system						
Telematic	Audio / Telematic 2.0.1, Audio system						

Ducato 17 3.0 JTD [2006-...], engine: F1CE0481D

Gearbox	CFC 348, Gearbox management system						
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control						
Central computer	BC 2.0.1, Body computer						
Steering	PWS 1.0.1, Electro-hydraulic steering system						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ASR 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS 2.0.1, Instrument cluster						
Maintenance	Service 2.0, Maintenance system						
Electronic module	PDK 2.3, Parking help system						
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control						
Engine	EDC 16 C39, Electronic Diesel Control						
Safety	AB 5.0, Airbag						
Telematic	Audio / Telematic 2.0, Audio system						
Telematic	Audio / Telematic 2.0.1, Audio system						

Ducato 18 2.3 JTD [2002-2006], engine: F1AE0481C

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
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Safety	AB Siemens 1.0, Airbag	
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Ducato 18 2.3 JTD [2008-...], engine: F1AE0481C

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control	
Central computer	BC 2.0.1, Body computer	
Steering	PWS 1.0.1, Electro-hydraulic steering system	
Brakes	ABS 8.0, Antilock braking system	
Brakes	ESP 8.0, Electronic stability control	
Instrument cluster	INS 2.0.1, Instrument cluster	
Maintenance	Service 2.0, Maintenance system	
Electronic module	PDK 2.3, Parking help system	
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control	
Safety	AB 5.0, Airbag	
Telematic	Audio / Telematic 2.0, Audio system	
Telematic	Audio / Telematic 2.0.1, Audio system	

Ducato 18 2.3 JTD EGR [2008-...], engine: F1AE0481C

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control	
Central computer	BC 2.0.1, Body computer	
Steering	PWS 1.0.1, Electro-hydraulic steering system	
Brakes	ABS 8.0, Antilock braking system	
Brakes	ESP 8.0, Electronic stability control	
Instrument cluster	INS 2.0.1, Instrument cluster	
Maintenance	Service 2.0, Maintenance system	
Electronic module	PDK 2.3, Parking help system	
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control	
Safety	AB 5.0, Airbag	
Telematic	Audio / Telematic 2.0, Audio system	
Telematic	Audio / Telematic 2.0.1, Audio system	

Ducato 18 2.8 JTD [2000-2002], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail	
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Ducato 18 2.8 JTD [2002-2006], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail	
Safety	AB Siemens 1.0, Airbag	

Ducato 18 2.8 JTD 4x4 [2000-2002], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail	
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MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



FIAT



Safety	AB Siemens 1.0, Airbag					
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Ducato 18 2.8 JTD 4x4 [2002-2006], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
Safety	AB Siemens 1.0, Airbag					

Ducato 18 2.8 JTD CGV [2004-2006], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
Safety	AB Siemens 1.0, Airbag					

Ducato 18 2.8 JTD EGR [2000-2002], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
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Ducato 18 2.8 JTD EGR [2002-2006], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
Safety	AB Siemens 1.0, Airbag					

Ducato 18 2.8 JTD EGR 4x4 [2000-2002], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
Safety	AB Siemens 1.0, Airbag					

Ducato 18 2.8 JTD EGR 4x4 [2002-2006], engine: 8140.43S

Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
Safety	AB Siemens 1.0, Airbag					

Ducato 18 2.8 TD [2002-2006], engine: 8140.43

Safety	AB Siemens 1.0, Airbag					
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Ducato 18 2.8 TD 4x4 [2002-2006], engine: 8140.43

Safety	AB Siemens 1.0, Airbag					
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Ducato 2.5 D [1997-1999], engine: 8140.67.2200

Safety	AB Siemens 1.0, Airbag					
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Ducato 2.8 D [2000-2005], engine: 8140.63.22.60

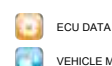
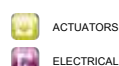
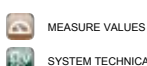
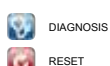
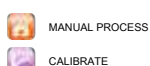
Safety	AB Siemens 1.0, Airbag					
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Ducato 2.8 D Turbo Intercooler [2000-2005], engine: 8140.43.22.00

Safety	AB Siemens 1.0, Airbag					
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Ducato Cargo 2.5 D [1997-2005], engine: 8140.67.2200

Safety	AB Siemens 1.0, Airbag					
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Ducato Cargo 2.8 D [2004-2005], engine: 8140.63.22.60

Safety	AB Siemens 1.0, Airbag					
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Ducato Cargo 2.8 D Turbo [2000-2005], engine: 8140.43.22.00

Safety	AB Siemens 1.0, Airbag					
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Ducato Cargo 2.8 D Turbo [2004-2005], engine: 8140.43.22.00

Safety	AB Siemens 1.0, Airbag					
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Ducato Cargo 2.8 D Turbo Intercooler [2000-2005], engine: 8140.23.22.00

Safety	AB Siemens 1.0, Airbag					
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Ducato Cargo 2.8 JTD [2005-2009], engine: 8140.43S

Brakes	ABS 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
Safety	AB Siemens 1.0, Airbag					
Telematic	Audio / Telematic 2.0, Audio system					
Telematic	Audio / Telematic 2.0.1, Audio system					

Ducato Combinato 2.8 JTD [2005-2009], engine: 8140.43S

Brakes	ABS 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Engine	CR/EDC 15C-7, Electronic diesel control, injection rail					
Safety	AB Siemens 1.0, Airbag					
Telematic	Audio / Telematic 2.0, Audio system					
Telematic	Audio / Telematic 2.0.1, Audio system					

Ducato Maxi 17 2.3 JTD [2006-...], engine: F1AE0481D

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control					
Central computer	BC 2.0.1, Body computer					
Steering	PWS 1.0.1, Electro-hydraulic steering system					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ASR 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS 2.0.1, Instrument cluster					
Maintenance	Service 2.0, Maintenance system					
Electronic module	PDK 2.3, Parking help system					
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control					
Engine	EDC 16 C39, Electronic Diesel Control					
Safety	AB 5.0, Airbag					

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



FIAT



Telematic	Audio / Telematic 2.0, Audio system				
Telematic	Audio / Telematic 2.0.1, Audio system				

Ducato Maxi 17 2.3 JTD [2006-...], engine: F1AE0481N

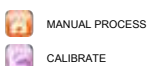
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control					
Central computer	BC 2.0.1, Body computer					
Steering	PWS 1.0.1, Electro-hydraulic steering system					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS 2.0.1, Instrument cluster					
Maintenance	Service 2.0, Maintenance system					
Electronic module	PDK 2.3, Parking help system					
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control					
Engine	EDC 16 C39, Electronic Diesel Control					
Safety	AB 5.0, Airbag					
Telematic	Audio / Telematic 2.0, Audio system					
Telematic	Audio / Telematic 2.0.1, Audio system					

Ducato Maxi 17 3.0 JTD [2006-...], engine: F1CE0481D

Gearbox	CFC 348, Gearbox management system					
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control					
Central computer	BC 2.0.1, Body computer					
Steering	PWS 1.0.1, Electro-hydraulic steering system					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS 2.0.1, Instrument cluster					
Maintenance	Service 2.0, Maintenance system					
Electronic module	PDK 2.3, Parking help system					
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control					
Engine	EDC 16 C39, Electronic Diesel Control					
Safety	AB 5.0, Airbag					
Telematic	Audio / Telematic 2.0, Audio system					
Telematic	Audio / Telematic 2.0.1, Audio system					

Ducato Maxi 20 2.3 JTD [2006-...], engine: F1AE0481D

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control					
Central computer	BC 2.0.1, Body computer					
Steering	PWS 1.0.1, Electro-hydraulic steering system					



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



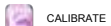
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



Brakes	ABS 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS 2.0.1, Instrument cluster					
Maintenance	Service 2.0, Maintenance system					
Electronic module	PDK 2.3, Parking help system					
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control					
Engine	EDC 16 C39, Electronic Diesel Control					
Safety	AB 5.0, Airbag					
Telematic	Audio / Telematic 2.0, Audio system					
Telematic	Audio / Telematic 2.0.1, Audio system					

Ducato Maxi 20 2.3 JTD [2006-...], engine: F1AE0481N

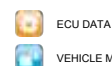
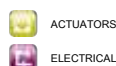
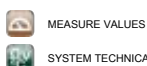
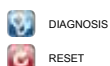
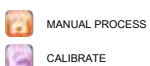


HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control					
Central computer	BC 2.0.1, Body computer					
Steering	PWS 1.0.1, Electro-hydraulic steering system					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS 2.0.1, Instrument cluster					
Maintenance	Service 2.0, Maintenance system					
Electronic module	PDK 2.3, Parking help system					
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control					
Engine	EDC 16 C39, Electronic Diesel Control					
Safety	AB 5.0, Airbag					
Telematic	Audio / Telematic 2.0, Audio system					
Telematic	Audio / Telematic 2.0.1, Audio system					

Ducato Maxi 20 3.0 JTD [2006-...], engine: F1CE0481D



Gearbox	CFC 348, Gearbox management system					
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control					
Central computer	BC 2.0.1, Body computer					
Steering	PWS 1.0.1, Electro-hydraulic steering system					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS 2.0.1, Instrument cluster					
Maintenance	Service 2.0, Maintenance system					
Electronic module	PDK 2.3, Parking help system					
Engine	EDC 16 C39 CF4.2, Electronic Diesel Control					
Engine	EDC 16 C39, Electronic Diesel Control					
Safety	AB 5.0, Airbag					





FIAT



Telematic	Audio / Telematic 2.0, Audio system				
Telematic	Audio / Telematic 2.0.1, Audio system				

Ducato Maxi Cargo 2.8 JTD [2005-2009], engine: 8140.43S

Brakes	ABS 8.0, Antilock braking system				
Brakes	ESP 8.0, Electronic stability control				
Engine	CR/EDC 15C-7, Electronic diesel control, injection rail				
Safety	AB Siemens 1.0, Airbag				
Telematic	Audio / Telematic 2.0, Audio system				
Telematic	Audio / Telematic 2.0.1, Audio system				

Ducato Minibus 2.8 JTD [2005-2009], engine: 8140.43S

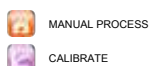
Brakes	ABS 8.0, Antilock braking system				
Brakes	ESP 8.0, Electronic stability control				
Engine	CR/EDC 15C-7, Electronic diesel control, injection rail				
Safety	AB Siemens 1.0, Airbag				
Telematic	Audio / Telematic 2.0, Audio system				
Telematic	Audio / Telematic 2.0.1, Audio system				

Ducato Multi T.A. 2.8 JTD [2005-2009], engine: 8140.43S

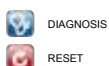
Brakes	ABS 8.0, Antilock braking system				
Brakes	ESP 8.0, Electronic stability control				
Engine	CR/EDC 15C-7, Electronic diesel control, injection rail				
Safety	AB Siemens 1.0, Airbag				
Telematic	Audio / Telematic 2.0, Audio system				
Telematic	Audio / Telematic 2.0.1, Audio system				

Ducato Multi T.B. 2.8 JTD [2005-2009], engine: 8140.43S

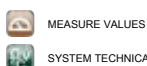
Brakes	ABS 8.0, Antilock braking system				
Brakes	ESP 8.0, Electronic stability control				
Engine	CR/EDC 15C-7, Electronic diesel control, injection rail				
Safety	AB Siemens 1.0, Airbag				
Telematic	Audio / Telematic 2.0, Audio system				
Telematic	Audio / Telematic 2.0.1, Audio system				



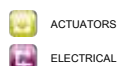
MANUAL PROCESS



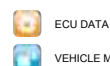
DIAGNOSIS



MEASURE VALUES



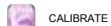
ACTUATORS



ECU DATA



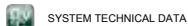
PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



E-350 6.0 [2003-2005]

Gearbox	GS 9.14.1, Automatic gearbox				
Brakes	ABS, Antilock braking system				
Engine	EDC HSCAN, Engine Control System				
Engine	EEC SAE-PWM, Engine Control System				

E-350 7.3 [1987-1991]

Brakes	ABS, Antilock braking system				
Engine	EEC SAE-PWM, Engine Control System				

E-350 7.3 [1996-2003]

Brakes	ABS, Antilock braking system				
Engine	EEC SAE-PWM, Engine Control System				

E-350 SD 6.0 [2003-...]

Gearbox	GS 9.14.1, Automatic gearbox				
Brakes	ABS 9.14.1, Antilock braking system				
Brakes	ABS 9.14.3, Antilock braking system				
Engine	EDC HSCAN, Engine Control System				

Euroline 2.5 TD [1994-2000], engine: 4GB

Engine	VE/EDC EPIC, Axial piston diesel injection pump				
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Euroline 2.5 TD [1994-2000], engine: 4GC

Engine	VE/EDC EPIC, Axial piston diesel injection pump				
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Euroline 2.5 TD [1994-2000], engine: 4GE

Engine	VE/EDC EPIC, Axial piston diesel injection pump				
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Euroline 2.5 TDI [1999-2000], engine: 4ED

Engine	VE/EDC EPIC, Axial piston diesel injection pump				
--------	---	--	--	--	--

F 250 [2001-...]

Central computer	BC 9.14.2, Body computer				
Brakes	ABS, Antilock braking system				
Engine	EEC SAE-PWM, Engine Control System				

F 250 [2006-...]

Central computer	BC 9.14.2, Body computer				
Brakes	ABS, Antilock braking system				

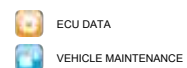
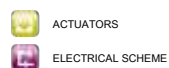
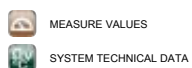
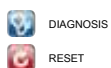
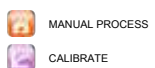
F 350 [2001-...]

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



FORD

Central computer	BC 9.14.2, Body computer
Brakes	ABS, Antilock braking system
Engine	EEC SAE-PWM, Engine Control System



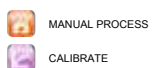


F-150

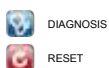
Gearbox	TECU 9.14.1, Automatic gearbox				
Central computer	Central Computer 9.14.1, Body computer				
Central computer	Central Computer 9.14.2, Body computer				
Brakes	ABS 9.14.1, Antilock braking system				
Brakes	ABS 9.14.3, Antilock braking system				
Electronic module	4WD 9.14.1, Four-wheel Drive				
Engine	EEC HS (High Speed) CAN, Engine Control System				
Engine	EEC SAE-PWM, Engine Control System				
Engine	Gas 9.14.1, AFCM (Alternative Fuel Control Module)				

F-250

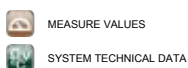
Gearbox	TECU 9.14.1, Automatic gearbox				
Central computer	Central Computer 9.14.1, Body computer				
Central computer	Central Computer 9.14.2, Body computer				
Brakes	ABS 9.14.1, Antilock braking system				
Brakes	ABS 9.14.3, Antilock braking system				
Electronic module	4WD 9.14.2, Four-wheel Drive				
Engine	EEC HS (High Speed) CAN, Engine Control System				
Engine	EEC SAE-PWM, Engine Control System				
Engine	Gas 9.14.1, AFCM (Alternative Fuel Control Module)				



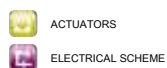
MANUAL PROCESS



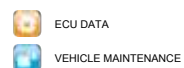
DIAGNOSIS



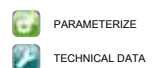
MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA

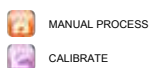


F-250 SD 6.0 [2002-2007]

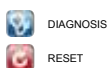
Gearbox	GS 9.14.1, Automatic gearbox				
Central computer	BC 9.14.2, Body computer				
Brakes	ABS, Antilock braking system				
Engine	EDC HSCAN, Engine Control System				

F-250 SD 6.0 4x4 [2002-2007]

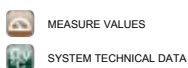
Gearbox	GS 9.14.1, Automatic gearbox				
Central computer	BC 9.14.2, Body computer				
Brakes	ABS, Antilock braking system				
Engine	EDC HSCAN, Engine Control System				



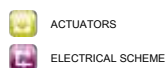
MANUAL PROCESS



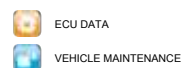
DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE

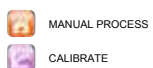


TECHNICAL DATA

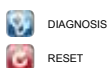


F-350

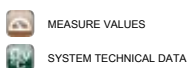
Gearbox	TECU 9.14.1, Automatic gearbox				
Central computer	Central Computer 9.14.1, Body computer				
Central computer	Central Computer 9.14.2, Body computer				
Brakes	ABS 9.14.1, Antilock braking system				
Brakes	ABS 9.14.3, Antilock braking system				
Electronic module	4WD 9.14.2, Four-wheel Drive				
Engine	EEC HS (High Speed) CAN, Engine Control System				
Engine	EEC SAE-PWM, Engine Control System				
Engine	Gas 9.14.1, AFCM (Alternative Fuel Control Module)				



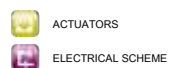
MANUAL PROCESS



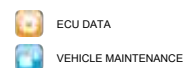
DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



F-350 SD 6.0 [2002-2007]

Gearbox	GS 9.14.1, Automatic gearbox				
Central computer	BC 9.14.2, Body computer				
Brakes	ABS, Antilock braking system				
Engine	EDC HSCAN, Engine Control System				

F-350 SD 6.0 4x4 [2002-2007]

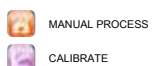
Gearbox	GS 9.14.1, Automatic gearbox				
Central computer	BC 9.14.2, Body computer				
Brakes	ABS, Antilock braking system				
Engine	EDC HSCAN, Engine Control System				

F-350 SD 6.4 4x4 [2007-...]

Gearbox	GS 9.14.1, Automatic gearbox				
Central computer	BC 9.14.1, Body computer				
Brakes	ABS, Antilock braking system				
Engine	EDC HSCAN, Engine Control System				

F-350 SD 7.3 4x4 [1998-2000]

Central computer	BC 9.14.2, Body computer				
Brakes	ABS, Antilock braking system				
Engine	EEC SAE-PWM, Engine Control System				



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



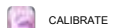
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE

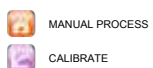


TECHNICAL DATA



F-450

Gearbox	TECU 9.14.1, Automatic gearbox				
Central computer	Central Computer 9.14.1, Body computer				
Central computer	Central Computer 9.14.2, Body computer				
Brakes	ABS 9.14.1, Antilock braking system				
Brakes	ABS 9.14.3, Antilock braking system				
Electronic module	4WD 9.14.2, Four-wheel Drive				
Engine	EEC HS (High Speed) CAN, Engine Control System				
Engine	EEC SAE-PWM, Engine Control System				
Engine	Gas 9.14.1, AFCM (Alternative Fuel Control Module)				



MANUAL PROCESS



CALIBRATE



DIAGNOSIS



RESET



MEASURE VALUES



SYSTEM TECHNICAL DATA



ACTUATORS



ELECTRICAL SCHEME



ECU DATA



VEHICLE MAINTENANCE



PARAMETERIZE



TECHNICAL DATA

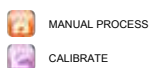


F-450 SD 6.0 4x4 [2002-2004]

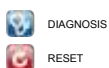
Gearbox	GS 9.14.1, Automatic gearbox				
Central computer	BC 9.14.2, Body computer				
Brakes	ABS, Antilock braking system				
Engine	EDC HSCAN, Engine Control System				

F-450 SD 7.3 4x4 [1998-2002]

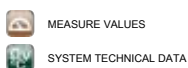
Central computer	BC 9.14.2, Body computer				
Brakes	ABS, Antilock braking system				
Engine	EEC SAE-PWM, Engine Control System				



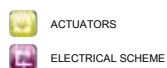
MANUAL PROCESS



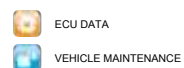
DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE

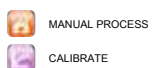


TECHNICAL DATA



F-550

Gearbox	TECU 9.14.1, Automatic gearbox				
Central computer	Central Computer 9.14.1, Body computer				
Central computer	Central Computer 9.14.2, Body computer				
Brakes	ABS 9.14.1, Antilock braking system				
Brakes	ABS 9.14.3, Antilock braking system				
Electronic module	4WD 9.14.2, Four-wheel Drive				
Engine	EEC HS (High Speed) CAN, Engine Control System				
Engine	EEC SAE-PWM, Engine Control System				
Engine	Gas 9.14.1, AFCM (Alternative Fuel Control Module)				



MANUAL PROCESS



CALIBRATE



DIAGNOSIS



RESET



MEASURE VALUES



SYSTEM TECHNICAL DATA



ACTUATORS



ELECTRICAL SCHEME



ECU DATA



VEHICLE MAINTENANCE



PARAMETERIZE



TECHNICAL DATA



F-550 SD 6.0 [2002-2007]

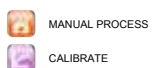
Gearbox	GS 9.14.1, Automatic gearbox				
Central computer	BC 9.14.2, Body computer				
Brakes	ABS, Antilock braking system				
Engine	EDC HSCAN, Engine Control System				

F-550 SD 6.0 4x4 [2002-2007]

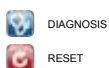
Gearbox	GS 9.14.1, Automatic gearbox				
Central computer	BC 9.14.2, Body computer				
Brakes	ABS, Antilock braking system				
Engine	EDC HSCAN, Engine Control System				

F-550 SD 7.3 4x4 [1998-2000]

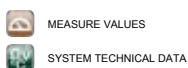
Central computer	BC 9.14.2, Body computer				
Brakes	ABS, Antilock braking system				
Engine	EEC SAE-PWM, Engine Control System				



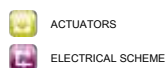
MANUAL PROCESS



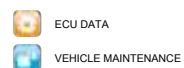
DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA

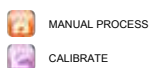


F-650

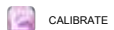
Central computer	Central Computer 9.14.2, Body computer				
Brakes	ABS 9.14.3, Antilock braking system				
Engine	EEC SAE-PWM, Engine Control System				

F-750

Central computer	Central Computer 9.14.2, Body computer				
Brakes	ABS 9.14.3, Antilock braking system				
Engine	EEC SAE-PWM, Engine Control System				



MANUAL PROCESS



CALIBRATE



DIAGNOSIS



RESET



MEASURE VALUES



SYSTEM TECHNICAL DATA



ACTUATORS



ELECTRICAL SCHEME



ECU DATA



VEHICLE MAINTENANCE



PARAMETERIZE



TECHNICAL DATA



Nugget 2.5 TD [1994-2000], engine: 4GB

Engine VE/EDC EPIC, Axial piston diesel injection pump



Nugget 2.5 TD [1994-2000], engine: 4GC

Engine VE/EDC EPIC, Axial piston diesel injection pump



Nugget 2.5 TD [1994-2000], engine: 4GE

Engine VE/EDC EPIC, Axial piston diesel injection pump



Nugget 2.5 TDI [1999-2000], engine: 4ED

Engine VE/EDC EPIC, Axial piston diesel injection pump



Tourneo 2.5 TD [1994-2000], engine: 4GA

Engine VE/EDC EPIC, Axial piston diesel injection pump



Tourneo 2.5 TD [1994-2000], engine: 4GB

Engine VE/EDC EPIC, Axial piston diesel injection pump



Tourneo 2.5 TD [1994-2000], engine: 4GC

Engine VE/EDC EPIC, Axial piston diesel injection pump



Tourneo 2.5 TD [1994-2000], engine: 4GE

Engine VE/EDC EPIC, Axial piston diesel injection pump



Tourneo 2.5 TDI [1994-2000], engine: 4GD

Engine VE/EDC EPIC, Axial piston diesel injection pump



Tourneo 2.5 TDI [1994-2000], engine: 4GF

Engine VE/EDC EPIC, Axial piston diesel injection pump



Tourneo 2.5 TDI [1999-2000], engine: 4ED

Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit 2.5 DI Turbo LWB 150+190 L [1991-1994], engine: 4EA

Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit 2.5 DI Turbo SWB 150 S [1991-1994], engine: 4EA

Engine VE/EDC EPIC, Axial piston diesel injection pump

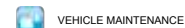
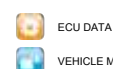
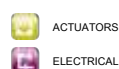
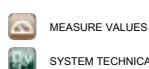
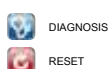
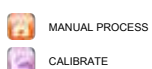


Transit Connect 1.8 TDCi [2002-...], engine: HCPA

Instrument cluster INS T1.0, Instrument cluster



Electronic module PDK T1.0, Parking help system





Engine	CR/EDC SID 206.1, Electronic diesel control, injection rail	
Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail	

Transit Connect 1.8 TDCi [2002-...], engine: HCPB

Instrument cluster	INS T1.0, Instrument cluster	
Electronic module	PDK T1.0, Parking help system	
Engine	CR/EDC SID 206.1, Electronic diesel control, injection rail	
Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail	

Transit Connect 1.8 TDCi [2006-...], engine: BHPA

Instrument cluster	INS T1.0, Instrument cluster	
Electronic module	PDK T1.0, Parking help system	
Engine	CR/EDC SID 206.1, Electronic diesel control, injection rail	
Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail	

Transit Connect 1.8 TDCi [2006-...], engine: RWPA

Instrument cluster	INS T1.0, Instrument cluster	
Electronic module	PDK T1.0, Parking help system	
Engine	CR/EDC SID 206.1, Electronic diesel control, injection rail	
Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail	

Transit Connect 1.8 TDDi [2002-...], engine: BHPB

Instrument cluster	INS T1.0, Instrument cluster	
Electronic module	PDK T1.0, Parking help system	
Engine	EEC5/EDC VP30/44, Distributor diesel injection pump	

Transit Connect 1.8 TDDi [2002-2010], engine: BHPA

Instrument cluster	INS T1.0, Instrument cluster	
Electronic module	PDK T1.0, Parking help system	
Engine	EEC5/EDC VP30/44, Distributor diesel injection pump	

Transit Connect 1.8i [2002-2010], engine: EYPA

Instrument cluster	INS T1.0, Instrument cluster	
Electronic module	PDK T1.0, Parking help system	

Transit Euroline 2.0 TDCi [2002-2006], engine: F1FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail	
Safety	AB C1.0, Airbag	

Transit Euroline 2.0 TDE [2000-2006], engine: ABFA

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



FORD



Engine	EEC5/EDC VP30/44, Distributor diesel injection pump				
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump				
Safety	AB C1.0, Airbag				

Transit Euroline 2.2 TDCi [2006-...], engine: QVFA

Central computer	BC C1.0, Body computer				
Brakes	ABS 8.0, Antilock braking system				
Brakes	ABS/ABD 8.0, Antilock braking system				
Brakes	ESP 8.0, Electronic stability control				
Instrument cluster	INS C1.0, Instrument cluster				
Electronic module	PDK G9.0, Parking help system				
Safety	AB C1.1, Airbag				
Telematic	Navigation System LS 1.0, Browser				

Transit Euroline 2.2 TDCi [2006-2007], engine: QWF...

Central computer	BC C1.0, Body computer				
Brakes	ABS 8.0, Antilock braking system				
Brakes	ABS/ABD 8.0, Antilock braking system				
Brakes	ESP 8.0, Electronic stability control				
Instrument cluster	INS C1.0, Instrument cluster				
Electronic module	PDK G9.0, Parking help system				
Safety	AB C1.1, Airbag				
Telematic	Navigation System LS 1.0, Browser				

Transit Euroline 2.2 TDCi [2007-...], engine: PGFA

Central computer	BC C1.0, Body computer				
Instrument cluster	INS C1.0, Instrument cluster				
Electronic module	PDK G9.0, Parking help system				
Safety	AB C1.1, Airbag				
Telematic	Navigation System LS 1.0, Browser				

Transit Euroline 2.2 TDCi [2008-...]

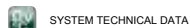
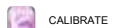
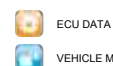
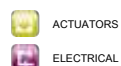
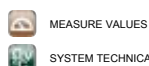
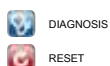
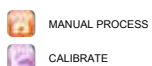
Central computer	BC C1.0, Body computer				
Instrument cluster	INS C1.0, Instrument cluster				
Electronic module	PDK G9.0, Parking help system				
Safety	AB C1.1, Airbag				
Telematic	Navigation System LS 1.0, Browser				

Transit FT 080 2.5 TD [1994-2000], engine: 4GA

Engine	VE/EDC EPIC, Axial piston diesel injection pump				
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Transit FT 080 2.5 TD [1994-2000], engine: 4GB

Engine	VE/EDC EPIC, Axial piston diesel injection pump				
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Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 080 2.5 TD [1994-2000], engine: 4GC



Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 080 2.5 TD [1994-2000], engine: 4GE



Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 080 2.5 TD [1994-2000], engine: 4HA



Engine EEC5/EDC CAV, Distributor diesel injection pump



Transit FT 080 2.5 TD [1994-2000], engine: 4HD



Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 080 2.5 TDI [1994-2000], engine: 4GD



Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 080 2.5 TDI [1994-2000], engine: 4GF



Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 080 2.5 TDI [1999-2000], engine: 4ED



Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 100 2.5 TD [1994-2000], engine: 4EB

Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 100 2.5 TD [1994-2000], engine: 4GA



Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 100 2.5 TD [1994-2000], engine: 4GB



Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 100 2.5 TD [1994-2000], engine: 4GC



Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 100 2.5 TD [1994-2000], engine: 4GE



Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 100 2.5 TDI [1994-2000], engine: 4GD



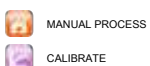
Engine VE/EDC EPIC, Axial piston diesel injection pump



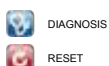
Transit FT 100 2.5 TDI [1994-2000], engine: 4GF



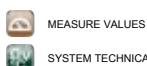
Engine VE/EDC EPIC, Axial piston diesel injection pump



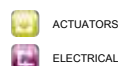
MANUAL PROCESS



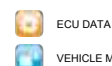
DIAGNOSIS



MEASURE VALUES



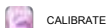
ACTUATORS



ECU DATA



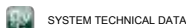
PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



Transit FT 100 2.5 TDI [1999-2000], engine: 4ED

Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 120 2.5 TD [1994-2000], engine: 4EB

Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 120 2.5 TD [1994-2000], engine: 4GA

Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 120 2.5 TD [1994-2000], engine: 4GB

Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 120 2.5 TD [1994-2000], engine: 4GC

Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 120 2.5 TDI [1999-2000], engine: 4ED

Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 150 2.5 TD [1994-2000], engine: 4EB

Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 150 2.5 TD [1994-2000], engine: 4GA

Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 150 2.5 TD [1994-2000], engine: 4GB

Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 150 2.5 TD [1994-2000], engine: 4GC

Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 150 2.5 TD [1994-2000], engine: 4GE

Engine VE/EDC EPIC, Axial piston diesel injection pump



Transit FT 150 2.5 TDI [1994-2000], engine: 4GD

Engine VE/EDC EPIC, Axial piston diesel injection pump



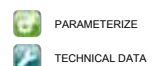
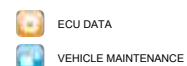
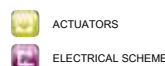
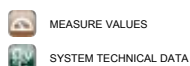
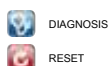
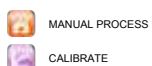
Transit FT 150 2.5 TDI [1994-2000], engine: 4GF

Engine VE/EDC EPIC, Axial piston diesel injection pump







Transit FT 150 2.5 TDI [1999-2000], engine: 4ED

Engine VE/EDC EPIC, Axial piston diesel injection pump













Transit FT 190 2.5 TD [1994-2000], engine: 4EB

Engine VE/EDC EPIC, Axial piston diesel injection pump    





Transit FT 190 2.5 TD [1994-2000], engine: 4GA 

Engine VE/EDC EPIC, Axial piston diesel injection pump    





Transit FT 190 2.5 TD [1994-2000], engine: 4GB 

Engine VE/EDC EPIC, Axial piston diesel injection pump    





Transit FT 190 2.5 TD [1994-2000], engine: 4GC 

Engine VE/EDC EPIC, Axial piston diesel injection pump    





Transit FT 190 2.5 TD [1994-2000], engine: 4GE 

Engine VE/EDC EPIC, Axial piston diesel injection pump    





Transit FT 190 2.5 TDI [1994-2000], engine: 4GD 

Engine VE/EDC EPIC, Axial piston diesel injection pump    






Transit FT 190 2.5 TDI [1994-2000], engine: 4GF 

Engine VE/EDC EPIC, Axial piston diesel injection pump    

Transit FT 190 2.5 TDI [1999-2000], engine: 4ED 

Engine VE/EDC EPIC, Axial piston diesel injection pump    





Transit FT 240 K/S 2.0 TD [2000-2006], engine: D3FA 

Engine EEC5-2/EDC VP30/44, Distributor diesel injection pump     


Safety AB C1.0, Airbag     





Transit FT 240 K/S 2.0 TDE [2000-2006], engine: F3FA 






Engine EEC5-2/EDC VP30/44, Distributor diesel injection pump     







Safety AB C1.0, Airbag     




Transit FT 260 2.2 TDCi [2006-...], engine: P8F... 



Central computer BC C1.0, Body computer    





Brakes ABS 8.0, Antilock braking system    




Brakes ABS/ABD 8.0, Antilock braking system     

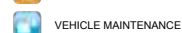
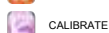
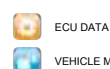
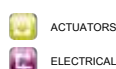
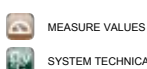
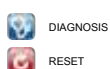
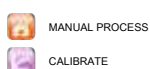
Brakes ESP 8.0, Electronic stability control      

Instrument cluster INS C1.0, Instrument cluster    

Electronic module PDK G9.0, Parking help system    

Safety AB C1.1, Airbag    

Telematic Navigation System LS 1.0, Browser    





Transit FT 260 2.2 TDCi [2006-...], engine: QVFA

Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					
Telematic	Navigation System LS 1.0, Browser					

Transit FT 260 2.2 TDCi [2006-2007], engine: QWF...

Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					
Telematic	Navigation System LS 1.0, Browser					

Transit FT 260 2.2 TDCi [2007-...], engine: PGFA

Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					
Telematic	Navigation System LS 1.0, Browser					

Transit FT 260 2.2 TDCi [2008-...]

Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					
Telematic	Navigation System LS 1.0, Browser					

Transit FT 260 K/S 2.0 TD [2000-2006], engine: D3FA

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 260 K/S 2.0 TDCi [2002-2006], engine: F1FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail					
Safety	AB C1.0, Airbag					

Transit FT 260 K/S 2.0 TDE [2000-2006], engine: ABFA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 260 K/S 2.0 TDE [2000-2006], engine: F3FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 260 K/S 2.4 TDE [2001-2006], engine: D2F...

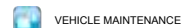
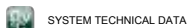
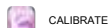
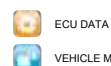
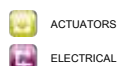
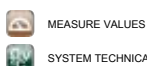
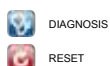
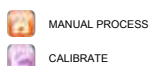
Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 280 2.2 TDCi [2006-...], engine: P8F...

Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					
Telematic	Navigation System LS 1.0, Browser					

Transit FT 280 2.2 TDCi [2006-...], engine: QVFA

Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					





Telematic	Navigation System LS 1.0, Browser			
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Transit FT 280 2.2 TDCi [2006-2007], engine: QWF...

Central computer	BC C1.0, Body computer						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ABD 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS C1.0, Instrument cluster						
Electronic module	PDK G9.0, Parking help system						
Safety	AB C1.1, Airbag						
Telematic	Navigation System LS 1.0, Browser						

Transit FT 280 2.2 TDCi [2007-...], engine: PGFA

Central computer	BC C1.0, Body computer						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ABD 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS C1.0, Instrument cluster						
Electronic module	PDK G9.0, Parking help system						
Safety	AB C1.1, Airbag						
Telematic	Navigation System LS 1.0, Browser						

Transit FT 280 2.2 TDCi [2008-...]

Central computer	BC C1.0, Body computer						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ABD 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS C1.0, Instrument cluster						
Electronic module	PDK G9.0, Parking help system						
Safety	AB C1.1, Airbag						
Telematic	Navigation System LS 1.0, Browser						

Transit FT 280 K/S 2.0 TD [2000-2006], engine: D3FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 280 K/S 2.0 TDCi [2002-2006], engine: F1FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail					
Safety	AB C1.0, Airbag					

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Transit FT 280 K/S 2.0 TDE [2000-2006], engine: ABFA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 280 K/S 2.0 TDE [2000-2006], engine: F3FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 280 K/S 2.4 TDE [2001-2006], engine: D2F...

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 280 L 2.4 TDE [2000-2003], engine: F4FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 280 L 2.4 TDE [2000-2006], engine: D2F...

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 280 L 2.4 TDE [2000-2006], engine: DOFA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 280 L 2.4 TDE [2004-2006], engine: FXFA

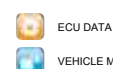
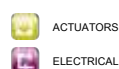
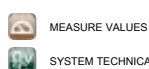
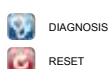
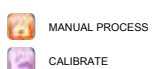
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 280 M 2.0 TD [2000-2006], engine: D3FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 280 M 2.0 TDCi [2002-2006], engine: F1FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail						
Safety	AB C1.0, Airbag						





Transit FT 280 M 2.0 TDE [2000-2006], engine: ABFA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 280 M 2.0 TDE [2000-2006], engine: F3FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 280 M 2.4 TDE [2001-2006], engine: D2F...

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 280 S 2.4 TDI [2001-2006]

Safety	AB C1.0, Airbag					
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Transit FT 300 2.2 TDCi [2006-...], engine: P8F...

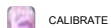
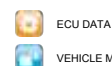
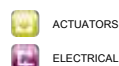
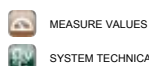
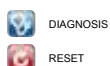
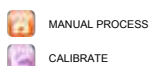
Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					
Telematic	Navigation System LS 1.0, Browser					

Transit FT 300 2.2 TDCi [2006-...], engine: QVFA

Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					
Telematic	Navigation System LS 1.0, Browser					

Transit FT 300 2.2 TDCi [2006-2007], engine: QWF...

Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					





Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS C1.0, Instrument cluster						
Electronic module	PDK G9.0, Parking help system						
Safety	AB C1.1, Airbag						
Telematic	Navigation System LS 1.0, Browser						

Transit FT 300 2.2 TDCi [2007-...], engine: PGFA

Central computer	BC C1.0, Body computer						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ABD 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS C1.0, Instrument cluster						
Electronic module	PDK G9.0, Parking help system						
Safety	AB C1.1, Airbag						
Telematic	Navigation System LS 1.0, Browser						

Transit FT 300 2.2 TDCi [2008-...]

Central computer	BC C1.0, Body computer						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ABD 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS C1.0, Instrument cluster						
Electronic module	PDK G9.0, Parking help system						
Safety	AB C1.1, Airbag						
Telematic	Navigation System LS 1.0, Browser						

Transit FT 300 2.4 TDCi [2006-...], engine: PHF...

Central computer	BC C1.0, Body computer						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ABD 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS C1.0, Instrument cluster						
Electronic module	PDK G9.0, Parking help system						
Safety	AB C1.1, Airbag						
Telematic	Navigation System LS 1.0, Browser						

Transit FT 300 K/S 2.0 TD [2000-2006], engine: D3FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 300 K/S 2.0 TDCi [2002-2006], engine: F1FA

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail					
Safety	AB C1.0, Airbag					

Transit FT 300 K/S 2.0 TDE [2000-2006], engine: ABFA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 300 K/S 2.0 TDE [2000-2006], engine: F3FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 300 L 2.0 TD [2000-2006], engine: D3FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 300 L 2.0 TDCi [2002-2006], engine: F1FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail					
Safety	AB C1.0, Airbag					

Transit FT 300 L 2.0 TDE [2000-2006], engine: ABFA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 300 L 2.0 TDE [2000-2006], engine: F3FA

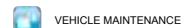
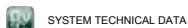
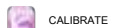
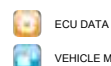
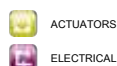
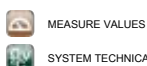
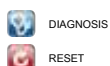
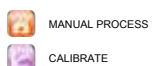
Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 300 M 2.0 TD [2000-2006], engine: D3FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 300 M 2.0 TDCi [2002-2006], engine: F1FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail					
Safety	AB C1.0, Airbag					





Transit FT 300 M 2.0 TDE [2000-2006], engine: ABFA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 300 M 2.0 TDE [2000-2006], engine: F3FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 300 S 2.0 TDCi [2002-2006], engine: F1FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail						
Safety	AB C1.0, Airbag						

Transit FT 300 S 2.4 TDI [2001-2006]

Safety	AB C1.0, Airbag						
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Transit FT 300 S 2.4 TDI [2001-2006]

Safety	AB C1.0, Airbag						
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Transit FT 310 S 2.4 TDI [2001-2006]

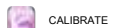
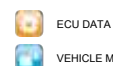
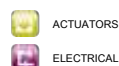
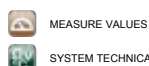
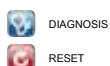
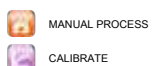
Safety	AB C1.0, Airbag						
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Transit FT 330 2.2 TDCi [2006-...], engine: QVFA

Central computer	BC C1.0, Body computer						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ABD 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS C1.0, Instrument cluster						
Electronic module	PDK G9.0, Parking help system						
Safety	AB C1.1, Airbag						
Telematic	Navigation System LS 1.0, Browser						

Transit FT 330 2.2 TDCi [2006-2007], engine: QWF...

Central computer	BC C1.0, Body computer						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ABD 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS C1.0, Instrument cluster						
Electronic module	PDK G9.0, Parking help system						
Safety	AB C1.1, Airbag						





Telematic	Navigation System LS 1.0, Browser			
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Transit FT 330 2.2 TDCi [2007-...], engine: PGFA

Central computer	BC C1.0, Body computer						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ABD 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS C1.0, Instrument cluster						
Electronic module	PDK G9.0, Parking help system						
Safety	AB C1.1, Airbag						
Telematic	Navigation System LS 1.0, Browser						

Transit FT 330 2.2 TDCi [2008-...]

Central computer	BC C1.0, Body computer						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ABD 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS C1.0, Instrument cluster						
Electronic module	PDK G9.0, Parking help system						
Safety	AB C1.1, Airbag						
Telematic	Navigation System LS 1.0, Browser						

Transit FT 330 2.4 TDCi [2006-...], engine: H...

Central computer	BC C1.0, Body computer						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ABD 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS C1.0, Instrument cluster						
Electronic module	PDK G9.0, Parking help system						
Safety	AB C1.1, Airbag						
Telematic	Navigation System LS 1.0, Browser						

Transit FT 330 2.4 TDCi [2006-...], engine: JXFA

Central computer	BC C1.0, Body computer						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ABD 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS C1.0, Instrument cluster						
Electronic module	PDK G9.0, Parking help system						
Safety	AB C1.1, Airbag						
Telematic	Navigation System LS 1.0, Browser						

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Transit FT 330 2.4 TDCi [2006-...], engine: PHF...

Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					
Telematic	Navigation System LS 1.0, Browser					

Transit FT 330 2.4 TDCi 4x4 [2007-...], engine: H...

Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					
Telematic	Navigation System LS 1.0, Browser					

Transit FT 330 K/S 2.0 TDCi [2002-2006], engine: F1FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail					
Safety	AB C1.0, Airbag					

Transit FT 330 K/S 2.0 TDE [2003-2006], engine: ABFA

Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 330 K/S 2.4 TD [2000-2003], engine: F4FA

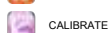
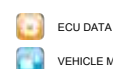
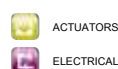
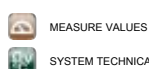
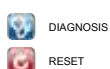
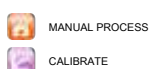
Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 330 K/S 2.4 TDCi [2004-2006], engine: H9FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail					
Safety	AB C1.0, Airbag					

Transit FT 330 K/S 2.4 TDE [2000-2006], engine: D2F...

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					





Transit FT 330 K/S 2.4 TDE [2000-2006], engine: D4FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 330 K/S 2.4 TDE [2000-2006], engine: DOFA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 330 K/S 2.4 TDE [2004-2006], engine: FXFA

Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 330 L 2.0 TDCi [2002-2006], engine: F1FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail						
Safety	AB C1.0, Airbag						

Transit FT 330 L 2.0 TDE [2003-2006], engine: ABFA

Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 330 L 2.4 TD [2000-2003], engine: F4FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 330 L 2.4 TDCi [2004-2006], engine: H9FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail						
Safety	AB C1.0, Airbag						

Transit FT 330 L 2.4 TDE [2000-2006], engine: D2F...

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 330 L 2.4 TDE [2000-2006], engine: D4FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 330 L 2.4 TDE [2000-2006], engine: DOFA

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Engine	EEC5/EDC VP30/44, Distributor diesel injection pump									
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump									
Safety	AB C1.0, Airbag									

Transit FT 330 L 2.4 TDE [2004-2006], engine: FXFA

Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump									
Safety	AB C1.0, Airbag									

Transit FT 330 L 2.4 TDI [2001-2006]

Safety	AB C1.0, Airbag									
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Transit FT 330 L 2.4 TDI [2001-2006]

Safety	AB C1.0, Airbag									
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Transit FT 330 M 2.0 TDCi [2002-2006], engine: F1FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail									
Safety	AB C1.0, Airbag									

Transit FT 330 M 2.0 TDE [2003-2006], engine: ABFA

Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump									
Safety	AB C1.0, Airbag									

Transit FT 330 M 2.4 TD [2000-2003], engine: F4FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump									
Safety	AB C1.0, Airbag									

Transit FT 330 M 2.4 TDCi [2004-2006], engine: H9FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail									
Safety	AB C1.0, Airbag									

Transit FT 330 M 2.4 TDE [2000-2006], engine: D2F...

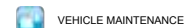
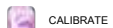
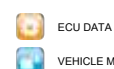
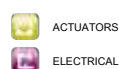
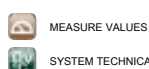
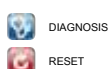
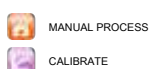
Engine	EEC5/EDC VP30/44, Distributor diesel injection pump									
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump									
Safety	AB C1.0, Airbag									

Transit FT 330 M 2.4 TDE [2000-2006], engine: D4FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump									
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump									
Safety	AB C1.0, Airbag									

Transit FT 330 M 2.4 TDE [2000-2006], engine: DOFA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump									
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Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump				
Safety	AB C1.0, Airbag				

Transit FT 330 M 2.4 TDE [2004-2006], engine: FXFA

Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump				
Safety	AB C1.0, Airbag				

Transit FT 330 M 2.4 TDI [2001-2006]

Safety	AB C1.0, Airbag				
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Transit FT 330 M 2.4 TDI [2001-2006]

Safety	AB C1.0, Airbag				
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Transit FT 330 S 2.4 TDI [2001-2006]

Safety	AB C1.0, Airbag				
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Transit FT 330 S 2.4 TDI [2001-2006]

Safety	AB C1.0, Airbag				
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Transit FT 330 S 2.4 TDI [2001-2006]

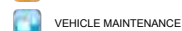
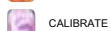
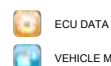
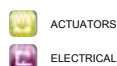
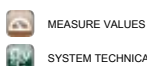
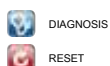
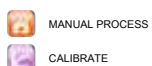
Safety	AB C1.0, Airbag				
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Transit FT 350 2.2 TDCi [2006-...], engine: QVFA

Central computer	BC C1.0, Body computer				
Brakes	ABS 8.0, Antilock braking system				
Brakes	ABS/ABD 8.0, Antilock braking system				
Brakes	ESP 8.0, Electronic stability control				
Instrument cluster	INS C1.0, Instrument cluster				
Electronic module	PDK G9.0, Parking help system				
Safety	AB C1.1, Airbag				
Telematic	Navigation System LS 1.0, Browser				

Transit FT 350 2.2 TDCi [2006-2007], engine: QWF...

Central computer	BC C1.0, Body computer				
Brakes	ABS 8.0, Antilock braking system				
Brakes	ABS/ABD 8.0, Antilock braking system				
Brakes	ESP 8.0, Electronic stability control				
Instrument cluster	INS C1.0, Instrument cluster				
Electronic module	PDK G9.0, Parking help system				
Safety	AB C1.1, Airbag				
Telematic	Navigation System LS 1.0, Browser				





Transit FT 350 2.2 TDCi [2007-...], engine: PGFA

Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					
Telematic	Navigation System LS 1.0, Browser					

Transit FT 350 2.2 TDCi [2008-...]

Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					
Telematic	Navigation System LS 1.0, Browser					

Transit FT 350 2.4 TDCi [2006-...], engine: H...

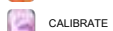
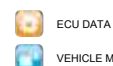
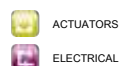
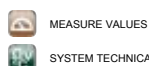
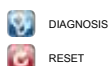
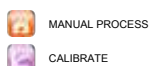
Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					
Telematic	Navigation System LS 1.0, Browser					

Transit FT 350 2.4 TDCi [2006-...], engine: JXFA

Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					
Telematic	Navigation System LS 1.0, Browser					

Transit FT 350 2.4 TDCi [2006-...], engine: PHF...

Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					
Telematic	Navigation System LS 1.0, Browser					





Central computer	BC C1.0, Body computer				
Brakes	ABS 8.0, Antilock braking system				
Brakes	ABS/ABD 8.0, Antilock braking system				
Brakes	ESP 8.0, Electronic stability control				
Instrument cluster	INS C1.0, Instrument cluster				
Electronic module	PDK G9.0, Parking help system				
Safety	AB C1.1, Airbag				
Telematic	Navigation System LS 1.0, Browser				

Transit FT 350 2.4 TDCi 4x4 [2007-...], engine: H...



Central computer	BC C1.0, Body computer				
Brakes	ABS 8.0, Antilock braking system				
Brakes	ABS/ABD 8.0, Antilock braking system				
Brakes	ESP 8.0, Electronic stability control				
Instrument cluster	INS C1.0, Instrument cluster				
Electronic module	PDK G9.0, Parking help system				
Safety	AB C1.1, Airbag				
Telematic	Navigation System LS 1.0, Browser				

Transit FT 350 3.2 TDCi [2007-...], engine: SAF...



Central computer	BC C1.0, Body computer				
Brakes	ABS 8.0, Antilock braking system				
Brakes	ABS/ABD 8.0, Antilock braking system				
Brakes	ESP 8.0, Electronic stability control				
Instrument cluster	INS C1.0, Instrument cluster				
Electronic module	PDK G9.0, Parking help system				
Safety	AB C1.1, Airbag				
Telematic	Navigation System LS 1.0, Browser				

Transit FT 350 E 2.4 TDI [2001-2006]



Safety	AB C1.0, Airbag				
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Transit FT 350 E 2.4 TDI [2001-2006], engine: D2F...



Safety	AB C1.0, Airbag				
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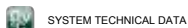
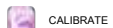
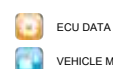
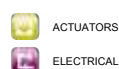
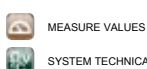
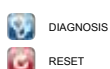
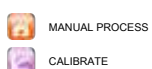
Transit FT 350 E 2.4 TDI [2004-2006]

Safety	AB C1.0, Airbag				
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Transit FT 350 EL 2.0 TDCi [2002-2006], engine: F1FA



Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail				
Safety	AB C1.0, Airbag				





Transit FT 350 EL 2.0 TDE [2003-2006], engine: ABFA

Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 350 EL 2.4 TD [2000-2003], engine: F4FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 350 EL 2.4 TDCi [2004-2006], engine: H9FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail					
Safety	AB C1.0, Airbag					

Transit FT 350 EL 2.4 TDE [2000-2006], engine: D2F...

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 350 EL 2.4 TDE [2000-2006], engine: DOFA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 350 EL 2.4 TDE [2004-2006], engine: FXFA

Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 350 L 2.0 TDCi [2002-2006], engine: F1FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail					
Safety	AB C1.0, Airbag					

Transit FT 350 L 2.0 TDE [2003-2006], engine: ABFA

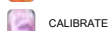
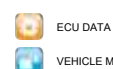
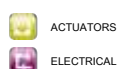
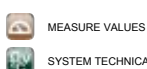
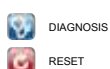
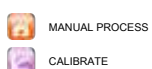
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 350 L 2.4 TD [2000-2003], engine: F4FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 350 L 2.4 TDCi [2004-2006], engine: H9FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail					
Safety	AB C1.0, Airbag					





Transit FT 350 L 2.4 TDE [2000-2006], engine: D2F...

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 350 L 2.4 TDE [2000-2006], engine: D4FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 350 L 2.4 TDE [2000-2006], engine: DOFA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 350 L 2.4 TDE [2004-2006], engine: FXFA

Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 350 L 2.4 TDI [2001-2006]

Safety	AB C1.0, Airbag					
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Transit FT 350 L 2.4 TDI [2001-2006]

Safety	AB C1.0, Airbag					
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Transit FT 350 L 2.4 TDI [2004-2006]

Safety	AB C1.0, Airbag					
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Transit FT 350 M 2.0 TDCi [2002-2006], engine: F1FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail					
Safety	AB C1.0, Airbag					

Transit FT 350 M 2.0 TDE [2003-2006], engine: ABFA

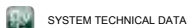
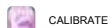
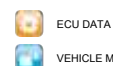
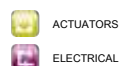
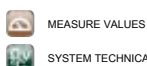
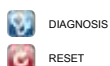
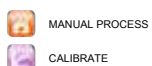
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 350 M 2.4 TD [2000-2003], engine: F4FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 350 M 2.4 TDCi [2004-2006], engine: H9FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					





Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail					
Safety	AB C1.0, Airbag					

Transit FT 350 M 2.4 TDE [2000-2006], engine: D2F...

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 350 M 2.4 TDE [2000-2006], engine: D4FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 350 M 2.4 TDE [2000-2006], engine: DOFA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 350 M 2.4 TDE [2004-2006], engine: FXFA

Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit FT 350 M 2.4 TDI [2001-2006]

Safety	AB C1.0, Airbag					
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Transit FT 350 M 2.4 TDI [2001-2006]

Safety	AB C1.0, Airbag					
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Transit FT 350 M 2.4 TDI [2004-2006]

Safety	AB C1.0, Airbag					
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Transit FT 430 2.4 TDCi [2006-...], engine: H...

Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					
Telematic	Navigation System LS 1.0, Browser					

Transit FT 430 2.4 TDCi [2006-...], engine: JXFA

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Central computer	BC C1.0, Body computer				
Brakes	ABS 8.0, Antilock braking system				
Brakes	ABS/ABD 8.0, Antilock braking system				
Brakes	ESP 8.0, Electronic stability control				
Instrument cluster	INS C1.0, Instrument cluster				
Electronic module	PDK G9.0, Parking help system				
Safety	AB C1.1, Airbag				
Telematic	Navigation System LS 1.0, Browser				

Transit FT 430 2.4 TDCi [2006-...], engine: PHF...

Central computer	BC C1.0, Body computer				
Brakes	ABS 8.0, Antilock braking system				
Brakes	ABS/ABD 8.0, Antilock braking system				
Brakes	ESP 8.0, Electronic stability control				
Instrument cluster	INS C1.0, Instrument cluster				
Electronic module	PDK G9.0, Parking help system				
Safety	AB C1.1, Airbag				
Telematic	Navigation System LS 1.0, Browser				

Transit FT 430 2.4 TDCi 4x4 [2007-2010], engine: H...

Central computer	BC C1.0, Body computer				
Brakes	ABS 8.0, Antilock braking system				
Brakes	ABS/ABD 8.0, Antilock braking system				
Brakes	ESP 8.0, Electronic stability control				
Instrument cluster	INS C1.0, Instrument cluster				
Electronic module	PDK G9.0, Parking help system				
Safety	AB C1.1, Airbag				
Telematic	Navigation System LS 1.0, Browser				

Transit FT 430 E 2.4 TDI [2004-2006]

Safety	AB C1.0, Airbag				
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Transit FT 430 EL 2.4 TD [2002-2003], engine: F4FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump				
Safety	AB C1.0, Airbag				

Transit FT 430 EL 2.4 TDCi [2004-2006], engine: H9FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail				
Safety	AB C1.0, Airbag				

Transit FT 430 EL 2.4 TDE [2002-2006], engine: D2F...

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 430 EL 2.4 TDE [2002-2006], engine: DOFA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 430 EL 2.4 TDE [2004-2006], engine: FXFA

Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 430 M 2.4 TD [2002-2003], engine: F4FA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 430 M 2.4 TDCi [2004-2006], engine: H9FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail						
Safety	AB C1.0, Airbag						

Transit FT 430 M 2.4 TDE [2002-2006], engine: DOFA

Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 430 M 2.4 TDE [2004-2006], engine: FXFA

Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit FT 460 2.4 TDCi [2006-...], engine: H...

Central computer	BC C1.0, Body computer						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ABD 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS C1.0, Instrument cluster						
Electronic module	PDK G9.0, Parking help system						
Safety	AB C1.1, Airbag						
Telematic	Navigation System LS 1.0, Browser						

Transit FT 460 2.4 TDCi 4x4 [2007-2010], engine: H...

Central computer	BC C1.0, Body computer						
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MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					
Telematic	Navigation System LS 1.0, Browser					

Transit FT 460 3.2 TDCi [2007-...], engine: SAF...

Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					
Telematic	Navigation System LS 1.0, Browser					

Transit Nugget 2.0 TDCi [2002-2006], engine: F1FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail					
Safety	AB C1.0, Airbag					

Transit Nugget 2.0 TDE [2000-2006], engine: ABFA

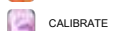
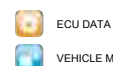
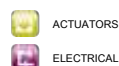
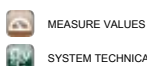
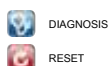
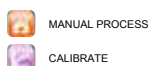
Engine	EEC5/EDC VP30/44, Distributor diesel injection pump					
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump					
Safety	AB C1.0, Airbag					

Transit Nugget 2.2 TDCi [2006-...], engine: QVFA

Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					
Brakes	ESP 8.0, Electronic stability control					
Instrument cluster	INS C1.0, Instrument cluster					
Electronic module	PDK G9.0, Parking help system					
Safety	AB C1.1, Airbag					
Telematic	Navigation System LS 1.0, Browser					

Transit Nugget 2.2 TDCi [2006-2007], engine: QWF...

Central computer	BC C1.0, Body computer					
Brakes	ABS 8.0, Antilock braking system					
Brakes	ABS/ABD 8.0, Antilock braking system					





Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS C1.0, Instrument cluster						
Electronic module	PDK G9.0, Parking help system						
Safety	AB C1.1, Airbag						
Telematic	Navigation System LS 1.0, Browser						

Transit Nugget 2.2 TDCi [2007-...], engine: PGFA

Central computer	BC C1.0, Body computer						
Instrument cluster	INS C1.0, Instrument cluster						
Electronic module	PDK G9.0, Parking help system						
Safety	AB C1.1, Airbag						
Telematic	Navigation System LS 1.0, Browser						

Transit Nugget 2.2 TDCi [2008-...]

Central computer	BC C1.0, Body computer						
Instrument cluster	INS C1.0, Instrument cluster						
Electronic module	PDK G9.0, Parking help system						
Safety	AB C1.1, Airbag						
Telematic	Navigation System LS 1.0, Browser						

Transit Tourneo 2.0 TDCi [2002-2006], engine: F1FA

Engine	EEC5/EDC CR Delphi, Electronic diesel control, injection rail						
Safety	AB C1.0, Airbag						

Transit Tourneo 2.0 TDE [2000-2006], engine: ABFA

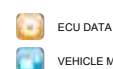
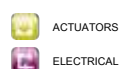
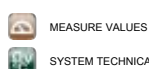
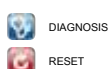
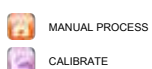
Engine	EEC5/EDC VP30/44, Distributor diesel injection pump						
Engine	EEC5-2/EDC VP30/44, Distributor diesel injection pump						
Safety	AB C1.0, Airbag						

Transit Tourneo 2.2 TDCi [2006-...], engine: QVFA

Central computer	BC C1.0, Body computer						
Brakes	ABS 8.0, Antilock braking system						
Brakes	ABS/ABD 8.0, Antilock braking system						
Brakes	ESP 8.0, Electronic stability control						
Instrument cluster	INS C1.0, Instrument cluster						
Electronic module	PDK G9.0, Parking help system						
Safety	AB C1.1, Airbag						
Telematic	Navigation System LS 1.0, Browser						

Transit Tourneo 2.2 TDCi [2006-2007], engine: QWF...

Central computer	BC C1.0, Body computer						
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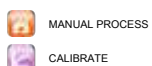
Brakes	ABS 8.0, Antilock braking system				
Brakes	ABS/ABD 8.0, Antilock braking system				
Brakes	ESP 8.0, Electronic stability control				
Instrument cluster	INS C1.0, Instrument cluster				
Electronic module	PDK G9.0, Parking help system				
Safety	AB C1.1, Airbag				
Telematic	Navigation System LS 1.0, Browser				

Transit Tourneo 2.2 TDCi [2007-...], engine: PGFA

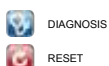
Central computer	BC C1.0, Body computer			
Instrument cluster	INS C1.0, Instrument cluster			
Electronic module	PDK G9.0, Parking help system			
Safety	AB C1.1, Airbag			
Telematic	Navigation System LS 1.0, Browser			

Transit Tourneo 2.2 TDCi [2008-...]

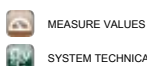
Central computer	BC C1.0, Body computer			
Instrument cluster	INS C1.0, Instrument cluster			
Electronic module	PDK G9.0, Parking help system			
Safety	AB C1.1, Airbag			
Telematic	Navigation System LS 1.0, Browser			



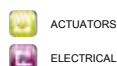
MANUAL PROCESS



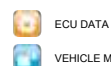
DIAGNOSIS



MEASURE VALUES



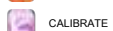
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



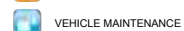
RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



Sprinter 2500 [1995-2000], engine: OM 601.943

Brakes	ABS/ABD 5.3, Antilock braking system				
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Sprinter 2500 [1995-2000], engine: OM 602.980 DE LA

Brakes	ABS/ABD 5.3, Antilock braking system				
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Sprinter 2500 [2000-2006], engine: OM 611 DE LA

Gearbox	EGS ML, Transmission				
Gearbox	EGS SSG, Transmission				
Brakes	ABS/ABD 5.3, Antilock braking system				
Brakes	ABS/ASR 5.7, Antilock braking system				
Brakes	ESP 1.34, Electronic stability control				
Engine	EDC 15C6, Electronic Diesel Control				
Safety	AB 7.8, Airbag				

Sprinter 2500 [2000-2006], engine: OM 612.981 DE LA

Gearbox	EGS ML, Transmission				
Gearbox	EGS SSG, Transmission				
Brakes	ABS/ABD 5.3, Antilock braking system				
Brakes	ABS/ASR 5.7, Antilock braking system				
Brakes	ESP 1.34, Electronic stability control				
Engine	EDC 15C6, Electronic Diesel Control				
Safety	AB 7.8, Airbag				

Sprinter 2500 [2001-...], engine: OM 611 LA

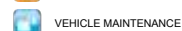
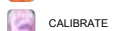
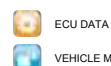
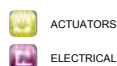
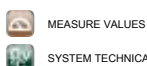
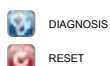
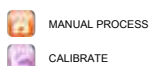
Gearbox	EGS SSG, Transmission				
Brakes	ABS/ASR 5.7, Antilock braking system				
Brakes	ESP 1.34, Electronic stability control				
Engine	EDC 15C6, Electronic Diesel Control				

Sprinter 2500 [2004-2006], engine: OM 647.981 DE 27 LA

Gearbox	EGS ML, Transmission				
Gearbox	EGS SSG, Transmission				
Brakes	ESP 1.34, Electronic stability control				
Engine	EDC 16 C2, Electronic Diesel Control				
Safety	AB 7.8, Airbag				

Sprinter 2500 [2006-...], engine: OM 642.99...

Antitheft	EZS 7.0, Ignition and start electronic switch			
Gearbox	EGS/VGSNA2, Automatic gearbox			



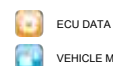
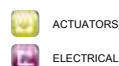
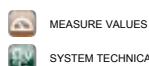
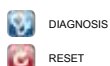
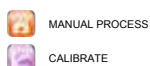


HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control									
Central computer	BC 7.0, Body computer									
Brakes	ESP 8.0 VAR 1, Electronic stability control									
Instrument cluster	INS 7.0, Instrument cluster									
Electronic module	ALWR 906, Light Control Unit									
Electronic module	CD-System 9.12.1, CD Control									
Electronic module	DBE 7.0, Roof control									
Electronic module	EWM 906, Gearbox lever									
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel									
Electronic module	OBF 7.0, Switches modular system									
Electronic module	Trailer 2.0, Towed vehicle recognition system									
Electronic module	Trailer 2.1, Towed vehicle recognition system									
Electronic module	TSG 7.0, Door module									
Engine	CR/EDC 16CP31, Electronic Diesel Control									
Radio	Audio 1.0, Audio system									
Safety	AB 9.06, Airbag									

Sprinter 2500 [2006-...], engine: OM 646 DE 22 LA



Antitheft	EZS 70, Ignition and start electronic switch									
Gearbox	EGS ML, Transmission									
Gearbox	EGS/VGSNA2, Automatic gearbox									
HVAC (Heating, Ventilating and Air Conditioning)	Klima 70, Climate control									
Central computer	BC 7.0, Body computer									
Brakes	ESP 8 Var1, Electronic stability control									
Instrument cluster	INS 7.0, Instrument cluster									
Electronic module	ALWR 906, Light Control Unit									
Electronic module	CD-System 9.12.1, CD Control									
Electronic module	DBE 7.0, Roof control									
Electronic module	EWM 906, Gearbox lever									
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel									
Electronic module	OBF 70, Switches modular system									
Electronic module	TSG 70, Door module									
Engine	CR/EDC 16CP31, Electronic Diesel Control									
Engine	EDC 15 C6, Electronic Diesel Control									
Engine	EDC 16 C, Electronic Diesel Control									
Radio	Audio 1.0, Audio system									
Safety	AB 9.06, Airbag									





Sprinter 3500 [1995-2000], engine: OM 601.943

Brakes	ABS/ABD 5.3, Antilock braking system						
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Sprinter 3500 [1995-2000], engine: OM 602.980 DE LA

Brakes	ABS/ABD 5.3, Antilock braking system						
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Sprinter 3500 [2000-2006], engine: OM 611 DE LA

Gearbox	EGS ML, Transmission						
Gearbox	EGS SSG, Transmission						
Brakes	ABS/ABD 5.3, Antilock braking system						
Brakes	ABS/ASR 5.7, Antilock braking system						
Brakes	ESP 1.34, Electronic stability control						
Engine	EDC 15C6, Electronic Diesel Control						
Safety	AB 7.8, Airbag						

Sprinter 3500 [2000-2006], engine: OM 612.981 DE LA

Gearbox	EGS ML, Transmission						
Gearbox	EGS SSG, Transmission						
Brakes	ABS/ABD 5.3, Antilock braking system						
Brakes	ABS/ASR 5.7, Antilock braking system						
Brakes	ESP 1.34, Electronic stability control						
Engine	EDC 15C6, Electronic Diesel Control						
Safety	AB 7.8, Airbag						

Sprinter 3500 [2001-...], engine: OM 611 LA

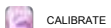
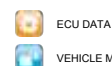
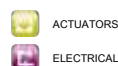
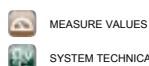
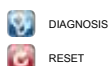
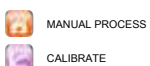
Gearbox	EGS SSG, Transmission						
Brakes	ABS/ASR 5.7, Antilock braking system						
Brakes	ESP 1.34, Electronic stability control						
Engine	EDC 15C6, Electronic Diesel Control						

Sprinter 3500 [2004-2006], engine: OM 647.981 DE 27 LA

Gearbox	EGS ML, Transmission						
Gearbox	EGS SSG, Transmission						
Brakes	ESP 1.34, Electronic stability control						
Engine	EDC 16 C2, Electronic Diesel Control						
Safety	AB 7.8, Airbag						

Sprinter 3500 [2006-...], engine: OM 642.99...

Antitheft	EZS 7.0, Ignition and start electronic switch						
Gearbox	EGS/VGSNA2, Automatic gearbox						
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control						



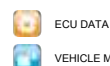
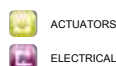
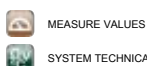
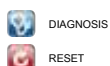
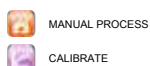


Central computer	BC 7.0, Body computer								
Brakes	ESP 8.0 VAR 1, Electronic stability control								
Instrument cluster	INS 7.0, Instrument cluster								
Electronic module	ALWR 906, Light Control Unit								
Electronic module	CD-System 9.12.1, CD Control								
Electronic module	DBE 7.0, Roof control								
Electronic module	EWM 906, Gearbox lever								
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel								
Electronic module	OBF 7.0, Switches modular system								
Electronic module	Trailer 2.0, Towed vehicle recognition system								
Electronic module	Trailer 2.1, Towed vehicle recognition system								
Electronic module	TSG 7.0, Door module								
Engine	CR/EDC 16CP31, Electronic Diesel Control								
Radio	Audio 1.0, Audio system								
Safety	AB 9.06, Airbag								

Sprinter 3500 [2006-...], engine: OM 646 DE 22 LA



Antitheft	EZS 70, Ignition and start electronic switch								
Gearbox	EGS ML, Transmission								
Gearbox	EGS/VGSNA2, Automatic gearbox								
HVAC (Heating, Ventilating and Air Conditioning)	Klima 70, Climate control								
Central computer	BC 7.0, Body computer								
Brakes	ESP 8 Var1, Electronic stability control								
Instrument cluster	INS 7.0, Instrument cluster								
Electronic module	ALWR 906, Light Control Unit								
Electronic module	CD-System 9.12.1, CD Control								
Electronic module	DBE 7.0, Roof control								
Electronic module	EWM 906, Gearbox lever								
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel								
Electronic module	OBF 70, Switches modular system								
Electronic module	TSG 70, Door module								
Engine	CR/EDC 16CP31, Electronic Diesel Control								
Engine	EDC 15 C6, Electronic Diesel Control								
Engine	EDC 16 C, Electronic Diesel Control								
Radio	Audio 1.0, Audio system								
Safety	AB 9.06, Airbag								





GAZ

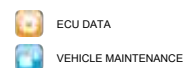
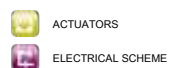
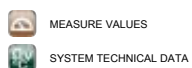
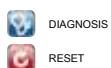
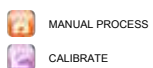
Gazel 2.1 TD [1997-...], engine: 5602

Engine UIS 1.0, Engine managment system, pump-injectors



Gazel 2.7 TD [2007-...], engine: ADCR110

Engine EDC 16 C39, Electronic Diesel Control





Grace 2.5 Intercooler [1995-...], engine: D4BF

Engine VE/EDC Covec F, Axial piston diesel injection pump



H-1 2.5 CRDi [2003-2006], engine: D4CB

Engine EDC 16 C39, Electronic Diesel Control



H-1 2.5 CRDi Cargo (100 kW) [2008-...]

Central computer BC 9.7.1, Body computer



Engine EDC 16 C39, Electronic Diesel Control



Safety AB 9.0, Airbag



H-1 2.5 CRDi Cargo (125 kW) [2008-2008], engine: D4CB

Central computer BC 9.7.1, Body computer



Engine EDC 16 C39, Electronic Diesel Control



Safety AB 9.0, Airbag



H-1 2.5 CRDi Cargo (81 kW) [2008-...]

Central computer BC 9.7.1, Body computer



Engine EDC 16 C39, Electronic Diesel Control



Safety AB 9.0, Airbag



H-1 2.5 CRDi Travel [2008-...]

Central computer BC 9.7.1, Body computer



Engine EDC 16 C39, Electronic Diesel Control



Safety AB 9.0, Airbag



H-1 2.5 CRDi Travel [2008-...], engine: D4CB

Central computer BC 9.7.1, Body computer



Engine EDC 16 C39, Electronic Diesel Control



Safety AB 9.0, Airbag

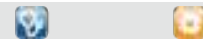


H-1 2.5 Diesel [1997-2002], engine: D4BB

Engine EDC 16 C39, Electronic Diesel Control



Safety AB 2.0, Airbag

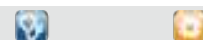


H-1 2.5 TCi [1999-2006], engine: D4BH

Engine VE/EDC Covec F, Axial piston diesel injection pump

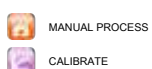


Safety AB 2.0, Airbag

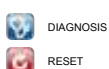


Porter II 2.5 CRDI [2004-...], engine: D4CB

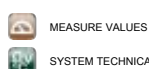
Brakes ABSK 1.0, Antilock braking system



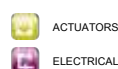
MANUAL PROCESS



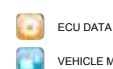
DIAGNOSIS



MEASURE VALUES



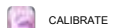
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



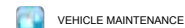
RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



Starex 2.5 CRDi [2002-...]

Gearbox	GS HAT 3.0, Transmission				
Brakes	ABS 7, Antilock braking system				
Brakes	ABSK 1.0, Antilock braking system				
Safety	AB 2.0, Airbag				

Starex 2.5 CRDi [2002-...], engine: D4CB

Gearbox	GS HAT 3.0, Transmission				
Brakes	ABS 7, Antilock braking system				
Brakes	ABSK 1.0, Antilock braking system				
Engine	EDC 16 C39, Electronic Diesel Control				
Safety	AB 2.0, Airbag				

Starex 2.5 Diesel [1997-2002], engine: D4BB

Safety	AB 2.0, Airbag				
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Starex 2.5 TCI [2002-...], engine: D4BH

Gearbox	GS HAT 3.0, Transmission				
Brakes	ABS 7, Antilock braking system				
Brakes	ABSK 1.0, Antilock braking system				
Engine	EDC 16 C39, Electronic Diesel Control				

Starex 2.5 TCI [2002-2006], engine: D4BH

Gearbox	GS HAT 3.0, Transmission				
Brakes	ABS 7, Antilock braking system				
Brakes	ABSK 1.0, Antilock braking system				
Engine	EDC 16 C39, Electronic Diesel Control				
Safety	AB 2.0, Airbag				

Starex 2.5 TCI Diesel [2000-2004], engine: D4BH

Gearbox	GS HAT 3.0, Transmission				
Brakes	ABS 7, Antilock braking system				
Engine	EDC 16 C39, Electronic Diesel Control				
Safety	AB 2.0, Airbag				

Starex 2.5 Turbo Diesel [2000-2004], engine: D4BH

Gearbox	GS HAT 3.0, Transmission				
Brakes	ABS 7, Antilock braking system				
Engine	VE/EDC Covtec F, Axial piston diesel injection pump				
Safety	AB 2.0, Airbag				

Starex 2.5 Turbodiesel [1997-2002], engine: 4D56 TC

	MANUAL PROCESS		DIAGNOSIS		MEASURE VALUES		ACTUATORS		ECU DATA		PARAMETERIZE
	CALIBRATE		RESET		SYSTEM TECHNICAL DATA		ELECTRICAL SCHEME		VEHICLE MAINTENANCE		TECHNICAL DATA



Safety

AB 2.0, Airbag



Starex 2.5 Turbodiesel 4WD [1997-2002], engine: 4D56 TC



Safety

AB 2.0, Airbag



Starex 2.6 Diesel [1997-2000], engine: D4BB

Gearbox

GS HAT 3.0, Transmission



Brakes

ABS 7, Antilock braking system



Brakes

ABSK 1.0, Antilock braking system



Engine

VE/EDC Covec F, Axial piston diesel injection pump



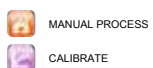
Safety

AB 2.0, Airbag



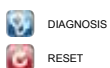
Safety

AB 9.0, Airbag



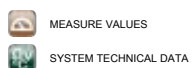
MANUAL PROCESS

CALIBRATE



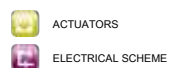
DIAGNOSIS

RESET



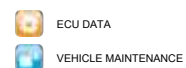
MEASURE VALUES

SYSTEM TECHNICAL DATA



ACTUATORS

ELECTRICAL SCHEME



ECU DATA

VEHICLE MAINTENANCE



PARAMETERIZE

TECHNICAL DATA



D-Max 3.0 Diesel Turbo 4x4 [2003-...], engine: 4JH1-TC



Antitheft	Immobilizer, Immobilizer					
Brakes	ABS 8, Antilock braking system					
Brakes	ABS 9.8.1, Antilock braking system					
Engine	4JH1-TC, Electronic Diesel Control					
Safety	Airbag Siemens, Airbag					

D-Max Cab 3.0 Diesel Turbo [2002-...], engine: 4JH1-T

Antitheft	Immobilizer, Immobilizer					
Brakes	ABS 8, Antilock braking system					
Engine	4JH1-T, Electronic Diesel Control					
Engine	EDC 15M VE-ECD, Electronic Diesel Control					
Safety	Airbag Siemens, Airbag					

D-Max, engine: 4JJ1-TC

Antitheft	Immobilizer, Immobilizer						
Brakes	ABS 8, Antilock braking system						
Engine	4JJ1-TC, Electronic diesel control, injection rail						
Safety	Airbag Siemens, Airbag						

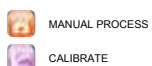
N-Series 3.0D [2005-...], engine: 4HK1-TC



Gearbox	Smoother, Transmission Electronic Control Unit						
Engine	4HK1-TC, Electronic diesel control, injection rail						
Engine	EDC 15M+, Electronic Diesel Control						

Rodeo

Antitheft	Immobilizer, Immobilizer					
Engine	4JH1-TC, Electronic Diesel Control					



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



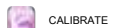
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



City Truck 2000



Antitheft	Immobilizer, Immobilizer							
HVAC (Heating, Ventilating and Air Conditioning)	CAB CLIMATE MARELLI, Climate control							
Brakes	ABS 5.3, Antilock braking system							
Brakes	ABS 8, Antilock braking system							
Engine	EDC 16 C8, Electronic Diesel Control							
Engine	EDC MS6.3, Electronic diesel control, injection rail							
Safety	AIRBAG TRW, Airbag							
Suspension	ECAS 4X2 S2000, Electronically controlled suspension system							

City Truck HPI-HPT Euro 2/3



Antitheft	Immobilizer, Immobilizer							
HVAC (Heating, Ventilating and Air Conditioning)	CAB CLIMATE MARELLI, Climate control							
Brakes	ABS 8, Antilock braking system							
Engine	EDC 16 C8, Electronic Diesel Control							
Engine	EDC MS6.3, Electronic diesel control, injection rail							
Safety	AIRBAG TRW, Airbag							
Suspension	ECAS 4X2 S2000, Electronically controlled suspension system							

City Truck HPI-HPT Euro 4/5

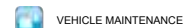
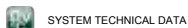
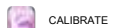
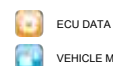
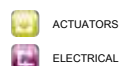
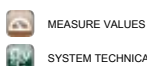
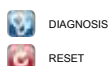
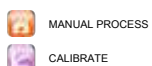


HVAC (Heating, Ventilating and Air Conditioning)	CAB CLIMATE MARELLI, Climate control							
Brakes	ABS 5.3, Antilock braking system							
Brakes	ABS 8 CAN, Antilock braking system							
Brakes	ABS 8, Antilock braking system							
Engine	EDC 16 C39 CAN, Electronic Diesel Control							
Engine	EDC 16 C39 K Line, Electronic Diesel Control							
Suspension	ECAS 4X2 S2000, Electronically controlled suspension system							

Daily 2006



HVAC (Heating, Ventilating and Air Conditioning)	CAB CLIMATE MARELLI, Climate control							
Central computer	BC, Body computer							
Brakes	ABS 8, Antilock braking system							
Instrument cluster	IC, Instrument cluster							
Engine	EDC 16 C39 CAN, Electronic Diesel Control							
Engine	EDC 16 C39 K Line, Electronic Diesel Control							





Suspension

ECAS 4X2 S2000, Electronically controlled suspension system



New Daily 2006

HVAC (Heating, Ventilating and Air Conditioning)

CAB CLIMATE MARELLI, Climate control



Central computer

BC, Body computer



Brakes

ABS 8, Antilock braking system



Instrument cluster

IC, Instrument cluster



Engine

EDC 16 C39 CAN, Electronic Diesel Control



Engine

EDC 16 C39 K Line, Electronic Diesel Control



Suspension

ECAS 4X2 S2000, Electronically controlled suspension system



New Daily 2006 4x4

HVAC (Heating, Ventilating and Air Conditioning)

CAB CLIMATE MARELLI, Climate control



Central computer

BC, Body computer



Brakes

ABS 5.3, Antilock braking system



Instrument cluster

IC, Instrument cluster



Engine

EDC 16 C39 CAN, Electronic Diesel Control



Engine

EDC 16 C39 K Line, Electronic Diesel Control



New Daily 2006 CNG

HVAC (Heating, Ventilating and Air Conditioning)

CAB CLIMATE MARELLI, Climate control



Central computer

BC, Body computer



Brakes

ABS 8, Antilock braking system



Instrument cluster

IC, Instrument cluster



Suspension

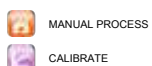
ECAS 4X2 S2000, Electronically controlled suspension system



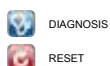
TurboDaily

Brakes

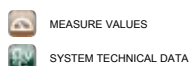
ABS 5.3, Antilock braking system



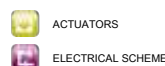
MANUAL PROCESS



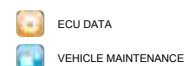
DIAGNOSIS



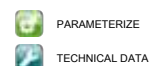
MEASURE VALUES



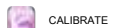
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



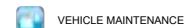
RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



LDV

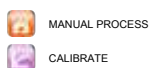
Maxus 2.5 [2005-...], engine: VM39C

Engine EDC 16 C39, Electronic Diesel Control



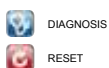
Maxus 2.5 [2005-...], engine: VM40C

Engine EDC 16 C39, Electronic Diesel Control



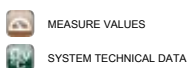
MANUAL PROCESS

CALIBRATE



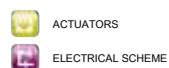
DIAGNOSIS

RESET



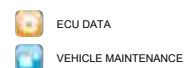
MEASURE VALUES

SYSTEM TECHNICAL DATA



ACTUATORS

ELECTRICAL SCHEME



ECU DATA

VEHICLE MAINTENANCE



PARAMETERIZE

TECHNICAL DATA



MAZDA

Bongo Truck 2.2 Diesel [1999-2003], engine: R2

Gearbox

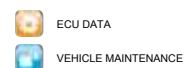
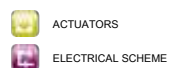
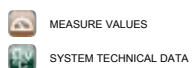
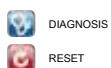
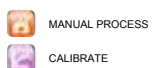
EC-AT 1.0, Automatic gearbox



Bongo Van 2.2 Diesel [1999-2003], engine: R2

Gearbox

EC-AT 1.0, Automatic gearbox





108 CDI Vito [1999-2003], engine: OM 611.980



Gearbox	GS 8.61.10, Transmission						
Brakes	ABS/ABD 5.3, Antilock braking system						
Brakes	ABS/ASR 5.7, Antilock braking system						

108 D Vito [1995-2003], engine: OM 601.942



Brakes	ABS/ABD 5.3, Antilock braking system						
Brakes	ABS/ASR 5.7, Antilock braking system						

109 CDI Vito [2003-2006], engine: OM 646.983

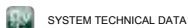
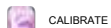
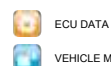
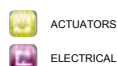
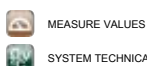
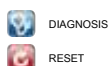
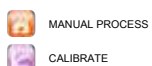


Antitheft	EZS 7.1, Ignition and start electronic switch						
Gearbox	EGS ML, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	A/C 7.1, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.1, Climate control						
Central computer	BC 7.1, Body computer						
Brakes	ESP 1.34, Electronic stability control						
Brakes	ESP 8.0 VAR2, Electronic stability control						
Instrument cluster	INS 7.1, Instrument cluster						
Electronic module	CD-System 9.12.1, CD Control						
Electronic module	DBE 7.1, Roof control						
Electronic module	EWM NCV2, Gearbox lever						
Electronic module	OBF 7.1, Switches modular system						
Electronic module	PDK 7.1, Parking help system						
Electronic module	Trailer 2.1, Towed vehicle recognition system						
Electronic module	TSG VL 7.1, Driver door module						
Electronic module	TSG VR 7.1, Passenger door module						
Engine	EDC 16 C2, Electronic Diesel Control						
Safety	AB 9 NCV3, Airbag						
Safety	AB ARMADA 8.6E, Airbag						

109 CDI Vito [2006-...], engine: OM 646.980



Antitheft	EZS 7.1, Ignition and start electronic switch						
Gearbox	EGS ML, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	A/C 7.1, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.1, Climate control						
Central computer	BC 7.1, Body computer						





Brakes	ESP 1.34, Electronic stability control									
Brakes	ESP 8.0 VAR2, Electronic stability control									
Instrument cluster	INS 7.1, Instrument cluster									
Electronic module	CD-System 9.12.1, CD Control									
Electronic module	DBE 7.1, Roof control									
Electronic module	EWM NCV2, Gearbox lever									
Electronic module	OBF 7.1, Switches modular system									
Electronic module	PDK 7.1, Parking help system									
Electronic module	Trailer 2.1, Towed vehicle recognition system									
Electronic module	TSG VL 7.1, Driver door module									
Electronic module	TSG VR 7.1, Passenger door module									
Engine	CR/EDC 16CP31, Electronic Diesel Control									
Engine	EDC 16 C32, Electronic Diesel Control									
Safety	AB 9 NCV3, Airbag									
Safety	AB ARMADA 8.6E, Airbag									

110 CDI Vito [1999-2003], engine: OM 611.980

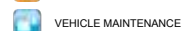
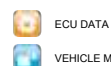
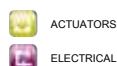
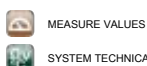
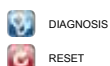
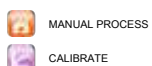
Gearbox	GS 8.61.10, Transmission									
Brakes	ABS/ABD 5.3, Antilock braking system									
Brakes	ABS/ASR 5.7, Antilock braking system									

110 D Vito [1995-2003], engine: OM 601.970

Brakes	ABS/ABD 5.3, Antilock braking system									
Brakes	ABS/ASR 5.7, Antilock braking system									

111 CDI Vito [2003-2006], engine: OM 646.982

Antitheft	EZS 7.1, Ignition and start electronic switch									
Gearbox	EGS ML, Transmission									
HVAC (Heating, Ventilating and Air Conditioning)	A/C 7.1, Climate control									
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.1, Climate control									
Central computer	BC 7.1, Body computer									
Brakes	ESP 1.34, Electronic stability control									
Brakes	ESP 8.0 VAR2, Electronic stability control									
Instrument cluster	INS 7.1, Instrument cluster									
Electronic module	CD-System 9.12.1, CD Control									
Electronic module	DBE 7.1, Roof control									
Electronic module	EWM NCV2, Gearbox lever									
Electronic module	OBF 7.1, Switches modular system									
Electronic module	PDK 7.1, Parking help system									





Electronic module	Trailer 2.1, Towed vehicle recognition system	
Electronic module	TSG VL 7.1, Driver door module	
Electronic module	TSG VR 7.1, Passenger door module	
Engine	EDC 16 C2, Electronic Diesel Control	
Safety	AB 9 NCV3, Airbag	
Safety	AB ARMADA 8.6E, Airbag	

111 CDI Vito [2006-...], engine: OM 646.981

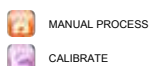
Antitheft	EZS 7.1, Ignition and start electronic switch	
Gearbox	EGS ML, Transmission	
HVAC (Heating, Ventilating and Air Conditioning)	A/C 7.1, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.1, Climate control	
Central computer	BC 7.1, Body computer	
Brakes	ESP 1.34, Electronic stability control	
Brakes	ESP 8.0 VAR2, Electronic stability control	
Instrument cluster	INS 7.1, Instrument cluster	
Electronic module	CD-System 9.12.1, CD Control	
Electronic module	DBE 7.1, Roof control	
Electronic module	EWM NCV2, Gearbox lever	
Electronic module	OBF 7.1, Switches modular system	
Electronic module	PDK 7.1, Parking help system	
Electronic module	Trailer 2.1, Towed vehicle recognition system	
Electronic module	TSG VL 7.1, Driver door module	
Electronic module	TSG VR 7.1, Passenger door module	
Engine	CR/EDC 16CP31, Electronic Diesel Control	
Safety	AB 9 NCV3, Airbag	
Safety	AB ARMADA 8.6E, Airbag	

112 CDI Vito [1999-2003], engine: OM 611.980

Gearbox	GS 8.61.10, Transmission	
Brakes	ABS/ABD 5.3, Antilock braking system	
Brakes	ABS/ASR 5.7, Antilock braking system	

115 CDI Vito [2003-...], engine: OM 646.982

Antitheft	EZS 7.1, Ignition and start electronic switch	
Gearbox	EGS ML, Transmission	
HVAC (Heating, Ventilating and Air Conditioning)	A/C 7.1, Climate control	



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



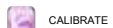
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA

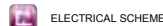
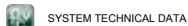
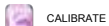
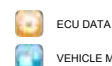
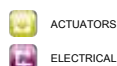
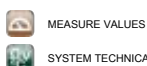
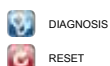
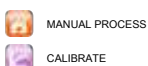


HVAC (Heating, Ventilating and Air Conditioning)	CU 7.1, Climate control						
Central computer	BC 7.1, Body computer						
Brakes	ESP 1.34, Electronic stability control						
Brakes	ESP 8.0 VAR2, Electronic stability control						
Instrument cluster	INS 7.1, Instrument cluster						
Electronic module	CD-System 9.12.1, CD Control						
Electronic module	DBE 7.1, Roof control						
Electronic module	EWM NCV2, Gearbox lever						
Electronic module	OBF 7.1, Switches modular system						
Electronic module	PDK 7.1, Parking help system						
Electronic module	Trailer 2.1, Towed vehicle recognition system						
Electronic module	TSG VL 7.1, Driver door module						
Electronic module	TSG VR 7.1, Passenger door module						
Engine	EDC 15 C6, Electronic Diesel Control						
Engine	EDC 16 C2, Electronic Diesel Control						
Engine	EDC 16 C32, Electronic Diesel Control						
Safety	AB 9 NCV3, Airbag						
Safety	AB ARMADA 8.6E, Airbag						

120 CDI Vito [2006-...], engine: 642.990



Antitheft	EZS 7.1, Ignition and start electronic switch						
Gearbox	EGS ML, Transmission						
HVAC (Heating, Ventilating and Air Conditioning)	A/C 7.1, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.1, Climate control						
Central computer	BC 7.1, Body computer						
Brakes	ESP 1.34, Electronic stability control						
Brakes	ESP 8.0 VAR2, Electronic stability control						
Instrument cluster	INS 7.1, Instrument cluster						
Electronic module	CD-System 9.12.1, CD Control						
Electronic module	DBE 7.1, Roof control						
Electronic module	EWM NCV2, Gearbox lever						
Electronic module	OBF 7.1, Switches modular system						
Electronic module	PDK 7.1, Parking help system						
Electronic module	Trailer 2.1, Towed vehicle recognition system						
Electronic module	TSG VL 7.1, Driver door module						
Electronic module	TSG VR 7.1, Passenger door module						
Engine	CR/EDC 16CP31, Electronic Diesel Control						
Safety	AB 9 NCV3, Airbag						





Safety

AB ARMADA 8.6E, Airbag



208 CDI Sprinter [2000-2006], engine: OM 611.987 DE LA

Gearbox	EGS ML, Transmission	
Gearbox	EGS SSG, Transmission	
Brakes	ABS/ASR 5.7, Antilock braking system	
Brakes	ESP 1.34, Electronic stability control	
Engine	EDC 15C6, Electronic Diesel Control	
Safety	AB 7.8, Airbag	

208 D Sprinter [1995-2000], engine: OM 601.943

Brakes	ABS/ABD 5.3, Antilock braking system	
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209 CDI Sprinter [2006-...], engine: OM 646.984 DE 22 LA

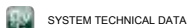
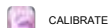
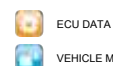
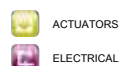
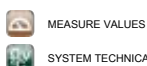
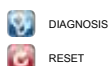
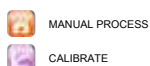
Antitheft	EZS 7.0, Ignition and start electronic switch	
Gearbox	EGS/VGSNA2, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control	
Central computer	BC 7.0, Body computer	
Brakes	ESP 8.0 VAR 1, Electronic stability control	
Instrument cluster	INS 7.0, Instrument cluster	
Electronic module	ALWR 906, Light Control Unit	
Electronic module	CD-System 9.12.1, CD Control	
Electronic module	DBE 7.0, Roof control	
Electronic module	EWM 906, Gearbox lever	
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel	
Electronic module	OBF 7.0, Switches modular system	
Electronic module	Trailer 2.0, Towed vehicle recognition system	
Electronic module	Trailer 2.1, Towed vehicle recognition system	
Electronic module	TSG 7.0, Door module	
Engine	CR/EDC 16CP31, Electronic Diesel Control	
Engine	EDC 16 C2, Electronic Diesel Control	
Radio	Audio 1.0, Audio system	
Safety	AB 9.06, Airbag	

210 D Sprinter [1997-2000], engine: OM 602.980 DE LA

Brakes	ABS/ABD 5.3, Antilock braking system	
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211 CDI Sprinter [2000-2006], engine: OM 611.981 DE LA

Gearbox	EGS ML, Transmission	
Gearbox	EGS SSG, Transmission	





Brakes	ABS/ASR 5.7, Antilock braking system	
Brakes	ESP 1.34, Electronic stability control	
Engine	EDC 15C6, Electronic Diesel Control	
Safety	AB 7.8, Airbag	

211 CDI Sprinter [2006-...], engine: OM 646.985 DE 22 LA

Antitheft	EZS 7.0, Ignition and start electronic switch	
Gearbox	EGS/VGSNA2, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control	
Central computer	BC 7.0, Body computer	
Brakes	ESP 8.0 VAR 1, Electronic stability control	
Instrument cluster	INS 7.0, Instrument cluster	
Electronic module	ALWR 906, Light Control Unit	
Electronic module	CD-System 9.12.1, CD Control	
Electronic module	DBE 7.0, Roof control	
Electronic module	EWM 906, Gearbox lever	
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel	
Electronic module	OBF 7.0, Switches modular system	
Electronic module	Trailer 2.0, Towed vehicle recognition system	
Electronic module	Trailer 2.1, Towed vehicle recognition system	
Electronic module	TSG 7.0, Door module	
Engine	CR/EDC 16CP31, Electronic Diesel Control	
Engine	EDC 16 C2, Electronic Diesel Control	
Radio	Audio 1.0, Audio system	
Safety	AB 9.06, Airbag	

212 D Sprinter [1995-2000], engine: OM 602.980 DE LA

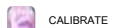
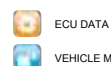
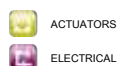
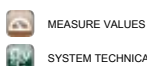
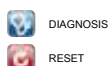
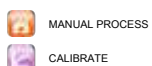
Brakes	ABS/ABD 5.3, Antilock braking system	
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213 CDI Sprinter [2000-2006], engine: OM 611.981 DE LA

Gearbox	EGS ML, Transmission	
Gearbox	EGS SSG, Transmission	
Brakes	ABS/ASR 5.7, Antilock braking system	
Brakes	ESP 1.34, Electronic stability control	
Engine	EDC 15C6, Electronic Diesel Control	
Safety	AB 7.8, Airbag	

213 CDI Sprinter [2006-...], engine: OM 646.986 DE 22 LA

Antitheft	EZS 7.0, Ignition and start electronic switch	
Gearbox	EGS/VGSNA2, Automatic gearbox	



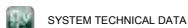
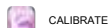
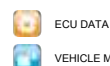
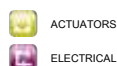
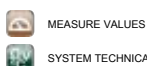
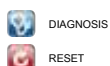
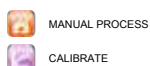


HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control									
Central computer	BC 7.0, Body computer									
Brakes	ESP 8.0 VAR 1, Electronic stability control									
Instrument cluster	INS 7.0, Instrument cluster									
Electronic module	ALWR 906, Light Control Unit									
Electronic module	CD-System 9.12.1, CD Control									
Electronic module	DBE 7.0, Roof control									
Electronic module	EWM 906, Gearbox lever									
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel									
Electronic module	OBF 7.0, Switches modular system									
Electronic module	Trailer 2.0, Towed vehicle recognition system									
Electronic module	Trailer 2.1, Towed vehicle recognition system									
Electronic module	TSG 7.0, Door module									
Engine	CR/EDC 16CP31, Electronic Diesel Control									
Radio	Audio 1.0, Audio system									
Safety	AB 9.06, Airbag									

215 CDI Sprinter [2006-...], engine: OM 646.9... DE 22 LA



Antitheft	EZS 7.0, Ignition and start electronic switch									
Gearbox	EGS/VGSNA2, Automatic gearbox									
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control									
Central computer	BC 7.0, Body computer									
Brakes	ESP 8.0 VAR 1, Electronic stability control									
Instrument cluster	INS 7.0, Instrument cluster									
Electronic module	ALWR 906, Light Control Unit									
Electronic module	CD-System 9.12.1, CD Control									
Electronic module	DBE 7.0, Roof control									
Electronic module	EWM 906, Gearbox lever									
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel									
Electronic module	OBF 7.0, Switches modular system									
Electronic module	Trailer 2.0, Towed vehicle recognition system									
Electronic module	Trailer 2.1, Towed vehicle recognition system									
Electronic module	TSG 7.0, Door module									
Engine	CR/EDC 16CP31, Electronic Diesel Control									
Engine	EDC 16 C2, Electronic Diesel Control									
Radio	Audio 1.0, Audio system									
Safety	AB 9.06, Airbag									





216 CDI Sprinter [2000-2006], engine: OM 612.981 DE LA



Gearbox	EGS ML, Transmission								
Gearbox	EGS SSG, Transmission								
Brakes	ABS/ASR 5.7, Antilock braking system								
Brakes	ESP 1.34, Electronic stability control								
Engine	EDC 15C6, Electronic Diesel Control								
Safety	AB 7.8, Airbag								

218 CDI Sprinter [2006-...], engine: OM 642.99...



Antitheft	EZS 7.0, Ignition and start electronic switch								
Gearbox	EGS/VGSNA2, Automatic gearbox								
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control								
Central computer	BC 7.0, Body computer								
Brakes	ESP 8.0 VAR 1, Electronic stability control								
Instrument cluster	INS 7.0, Instrument cluster								
Electronic module	ALWR 906, Light Control Unit								
Electronic module	CD-System 9.12.1, CD Control								
Electronic module	DBE 7.0, Roof control								
Electronic module	EWM 906, Gearbox lever								
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel								
Electronic module	OBF 7.0, Switches modular system								
Electronic module	Trailer 2.0, Towed vehicle recognition system								
Electronic module	Trailer 2.1, Towed vehicle recognition system								
Electronic module	TSG 7.0, Door module								
Engine	CR/EDC 16CP31, Electronic Diesel Control								
Radio	Audio 1.0, Audio system								
Safety	AB 9.06, Airbag								

308 CDI Sprinter [2000-2006], engine: OM 611.987 DE LA

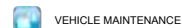
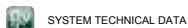
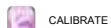
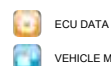
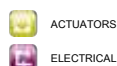
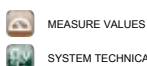
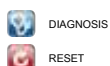
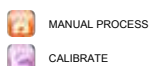


Gearbox	EGS ML, Transmission								
Gearbox	EGS SSG, Transmission								
Brakes	ABS/ASR 5.7, Antilock braking system								
Brakes	ESP 1.34, Electronic stability control								
Engine	EDC 15C6, Electronic Diesel Control								
Safety	AB 7.8, Airbag								

308 CDI Sprinter [2006-...], engine: OM 611.987 DE LA



Antitheft	EZS 7.0, Ignition and start electronic switch						
Gearbox	EGS ML, Transmission						
Gearbox	EGS SSG, Transmission						





Gearbox	EGS ML, Transmission								
Gearbox	EGS SSG, Transmission								
Brakes	ABS/ASR 5.7, Antilock braking system								
Brakes	ESP 1.34, Electronic stability control								
Engine	EDC 15C6, Electronic Diesel Control								
Safety	AB 7.8, Airbag								

311 CDI Sprinter [2001-2004], engine: OM 611 LA

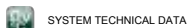
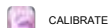
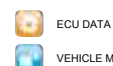
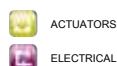
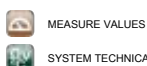
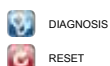
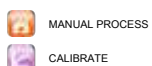
Gearbox	EGS SSG, Transmission								
Brakes	ABS/ASR 5.7, Antilock braking system								
Brakes	ESP 1.34, Electronic stability control								
Engine	EDC 15C6, Electronic Diesel Control								

311 CDI Sprinter [2002-2006], engine: OM 611.981 DE LA

Gearbox	EGS ML, Transmission								
Gearbox	EGS SSG, Transmission								
Brakes	ABS/ASR 5.7, Antilock braking system								
Brakes	ESP 1.34, Electronic stability control								
Engine	EDC 15C6, Electronic Diesel Control								
Safety	AB 7.8, Airbag								

311 CDI Sprinter [2006-...], engine: OM 646.985 DE 22 LA

Antitheft	EZS 7.0, Ignition and start electronic switch								
Gearbox	EGS/VGSNA2, Automatic gearbox								
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control								
Central computer	BC 7.0, Body computer								
Brakes	ESP 8.0 VAR 1, Electronic stability control								
Instrument cluster	INS 7.0, Instrument cluster								
Electronic module	ALWR 906, Light Control Unit								
Electronic module	CD-System 9.12.1, CD Control								
Electronic module	DBE 7.0, Roof control								
Electronic module	EWM 906, Gearbox lever								
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel								
Electronic module	OBF 7.0, Switches modular system								
Electronic module	Trailer 2.0, Towed vehicle recognition system								
Electronic module	Trailer 2.1, Towed vehicle recognition system								
Electronic module	TSG 7.0, Door module								
Engine	CR/EDC 16CP31, Electronic Diesel Control								
Engine	EDC 16 C2, Electronic Diesel Control								
Radio	Audio 1.0, Audio system								





Safety

AB 9.06, Airbag



312 D Sprinter [1995-2000], engine: OM 602.980 DE LA

Brakes ABS/ABD 5.3, Antilock braking system



312 D Sprinter James Cook [1995-2000], engine: OM 602.980 DE LA

Brakes ABS/ABD 5.3, Antilock braking system



313 CDI Sprinter [2000-2006], engine: OM 611.981 DE LA

Gearbox EGS ML, Transmission



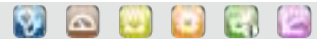
Gearbox EGS SSG, Transmission



Brakes ABS/ASR 5.7, Antilock braking system



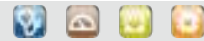
Brakes ESP 1.34, Electronic stability control



Brakes ESP 8.0 VAR 1, Electronic stability control



Electronic module Trailer 2.0, Towed vehicle recognition system



Engine EDC 15C6, Electronic Diesel Control



Safety AB 7.8, Airbag



313 CDI Sprinter [2001-...], engine: OM 611 LA

Gearbox EGS SSG, Transmission



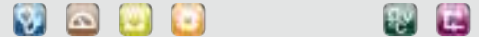
Brakes ABS/ASR 5.7, Antilock braking system



Brakes ESP 1.34, Electronic stability control



Engine EDC 15C6, Electronic Diesel Control



313 CDI Sprinter [2002-2006], engine: OM 611.981 DE LA

Gearbox EGS ML, Transmission



Gearbox EGS SSG, Transmission



Brakes ABS/ASR 5.7, Antilock braking system



Brakes ESP 1.34, Electronic stability control



Engine EDC 15C6, Electronic Diesel Control



Safety AB 7.8, Airbag



313 CDI Sprinter [2006-...], engine: OM 611.981 DE LA

Antitheft EZS 7.0, Ignition and start electronic switch



Gearbox EGS ML, Transmission



Gearbox EGS SSG, Transmission



Brakes ESP 8.0 VAR 1, Electronic stability control



Electronic module DBE 7.0, Roof control



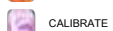
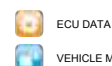
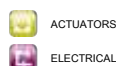
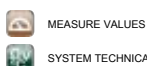
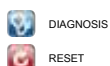
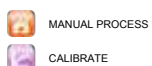
Electronic module Trailer 2.0, Towed vehicle recognition system



Radio Audio 1.0, Audio system



Safety AB 7.8, Airbag





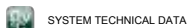
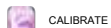
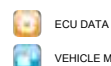
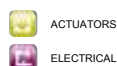
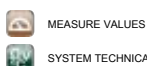
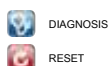
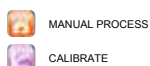
313 CDI Sprinter [2006-...], engine: OM 646.986 DE 22 LA



Antitheft	EZS 7.0, Ignition and start electronic switch								
Gearbox	EGS/VGSNA2, Automatic gearbox								
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control								
Central computer	BC 7.0, Body computer								
Brakes	ESP 8.0 VAR 1, Electronic stability control								
Instrument cluster	INS 7.0, Instrument cluster								
Electronic module	ALWR 906, Light Control Unit								
Electronic module	CD-System 9.12.1, CD Control								
Electronic module	DBE 7.0, Roof control								
Electronic module	EWM 906, Gearbox lever								
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel								
Electronic module	OBF 7.0, Switches modular system								
Electronic module	Trailer 2.0, Towed vehicle recognition system								
Electronic module	Trailer 2.1, Towed vehicle recognition system								
Electronic module	TSG 7.0, Door module								
Engine	CR/EDC 16CP31, Electronic Diesel Control								
Engine	EDC 16 C2, Electronic Diesel Control								
Radio	Audio 1.0, Audio system								
Safety	AB 9.06, Airbag								

313 CDI Sprinter [2009-...], engine: OM 651.956 DE 22 LA

Antitheft	EZS 7.0, Ignition and start electronic switch								
Gearbox	EGS/VGSNA2, Automatic gearbox								
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control								
Central computer	BC 7.0, Body computer								
Brakes	ESP 8.0 VAR 1, Electronic stability control								
Instrument cluster	INS 7.0, Instrument cluster								
Electronic module	ALWR 906, Light Control Unit								
Electronic module	CD-System 9.12.1, CD Control								
Electronic module	DBE 7.0, Roof control								
Electronic module	EWM 906, Gearbox lever								
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel								
Electronic module	OBF 7.0, Switches modular system								
Electronic module	Trailer 2.0, Towed vehicle recognition system								
Electronic module	Trailer 2.1, Towed vehicle recognition system								
Electronic module	TSG 7.0, Door module								
Radio	Audio 1.0, Audio system								





Safety

AB 9.06, Airbag



315 CDI Sprinter [2006-...], engine: OM 646.9... DE 22 LA

Antitheft	EZS 7.0, Ignition and start electronic switch								
Gearbox	EGS/VGSNA2, Automatic gearbox								
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control								
Central computer	BC 7.0, Body computer								
Brakes	ESP 8.0 VAR 1, Electronic stability control								
Instrument cluster	INS 7.0, Instrument cluster								
Electronic module	ALWR 906, Light Control Unit								
Electronic module	CD-System 9.12.1, CD Control								
Electronic module	DBE 7.0, Roof control								
Electronic module	EWM 906, Gearbox lever								
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel								
Electronic module	OBF 7.0, Switches modular system								
Electronic module	Trailer 2.0, Towed vehicle recognition system								
Electronic module	Trailer 2.1, Towed vehicle recognition system								
Electronic module	TSG 7.0, Door module								
Engine	CR/EDC 16CP31, Electronic Diesel Control								
Engine	EDC 16 C2, Electronic Diesel Control								
Radio	Audio 1.0, Audio system								
Safety	AB 9.06, Airbag								

316 CDI Sprinter [2000-2006], engine: OM 612.981 DE LA

Gearbox	EGS ML, Transmission						
Gearbox	EGS SSG, Transmission						
Brakes	ABS/ASR 5.7, Antilock braking system						
Brakes	ESP 1.34, Electronic stability control						
Engine	EDC 15C6, Electronic Diesel Control						
Safety	AB 7.8, Airbag						

316 CDI Sprinter [2004-2006], engine: OM 647.981 DE 27 LA

Gearbox	EGS ML, Transmission						
Engine	EDC 16 C2, Electronic Diesel Control						
Safety	AB 7.8, Airbag						

316 CDI Sprinter [2009-...], engine: OM 651.957 DE 22 LA

Antitheft	EZS 7.0, Ignition and start electronic switch				
Gearbox	EGS/VGSNA2, Automatic gearbox				

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



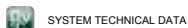
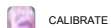
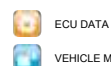
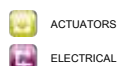
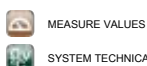
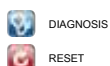
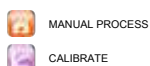
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control						
Central computer	BC 7.0, Body computer						
Brakes	ESP 8.0 VAR 1, Electronic stability control						
Instrument cluster	INS 7.0, Instrument cluster						
Electronic module	ALWR 906, Light Control Unit						
Electronic module	CD-System 9.12.1, CD Control						
Electronic module	DBE 7.0, Roof control						
Electronic module	EWM 906, Gearbox lever						
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel						
Electronic module	OBF 7.0, Switches modular system						
Electronic module	Trailer 2.0, Towed vehicle recognition system						
Electronic module	Trailer 2.1, Towed vehicle recognition system						
Electronic module	TSG 7.0, Door module						
Radio	Audio 1.0, Audio system						
Safety	AB 9.06, Airbag						

316 CDI Sprinter James Cook [2001-2006], engine: OM 612.981 DE LA

Gearbox	EGS ML, Transmission						
Gearbox	EGS SSG, Transmission						
Brakes	ABS/ASR 5.7, Antilock braking system						
Brakes	ESP 1.34, Electronic stability control						
Engine	EDC 15C6, Electronic Diesel Control						
Safety	AB 7.8, Airbag						

318 CDI Sprinter [2006-...], engine: OM 642.99...

Antitheft	EZS 7.0, Ignition and start electronic switch						
Gearbox	EGS/VGSNA2, Automatic gearbox						
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control						
Central computer	BC 7.0, Body computer						
Brakes	ESP 8.0 VAR 1, Electronic stability control						
Instrument cluster	INS 7.0, Instrument cluster						
Electronic module	ALWR 906, Light Control Unit						
Electronic module	CD-System 9.12.1, CD Control						
Electronic module	DBE 7.0, Roof control						
Electronic module	EWM 906, Gearbox lever						
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel						
Electronic module	OBF 7.0, Switches modular system						
Electronic module	Trailer 2.0, Towed vehicle recognition system						





Electronic module	Trailer 2.1, Towed vehicle recognition system	
Electronic module	TSG 7.0, Door module	
Engine	CR/EDC 16CP31, Electronic Diesel Control	
Radio	Audio 1.0, Audio system	
Safety	AB 9.06, Airbag	

408 CDI Sprinter [2000-2006], engine: OM 611.987 DE LA

Gearbox	EGS ML, Transmission	
Gearbox	EGS SSG, Transmission	
Brakes	ABS/ABD 5.3, Antilock braking system	
Brakes	ABS/ASR 5.7, Antilock braking system	
Brakes	ESP 1.34, Electronic stability control	
Engine	EDC 15C6, Electronic Diesel Control	
Safety	AB 7.8, Airbag	

408 D Sprinter [1995-2000], engine: OM 601.943

Brakes	ABS/ABD 5.3, Antilock braking system	
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410 D Sprinter [1997-2000], engine: OM 602.980 DE LA

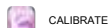
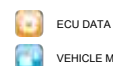
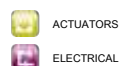
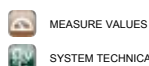
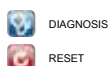
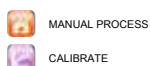
Brakes	ABS/ABD 5.3, Antilock braking system	
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411 CDI Sprinter [2000-2006], engine: OM 611.981 DE LA

Gearbox	EGS ML, Transmission	
Gearbox	EGS SSG, Transmission	
Brakes	ABS/ABD 5.3, Antilock braking system	
Brakes	ABS/ASR 5.7, Antilock braking system	
Brakes	ESP 1.34, Electronic stability control	
Engine	EDC 15C6, Electronic Diesel Control	
Safety	AB 7.8, Airbag	

411 CDI Sprinter [2006-...], engine: OM 646.985 DE 22 LA

Antitheft	EZS 7.0, Ignition and start electronic switch	
Gearbox	EGS/VGSNA2, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control	
Central computer	BC 7.0, Body computer	
Brakes	ESP 8.0 VAR 1, Electronic stability control	
Instrument cluster	INS 7.0, Instrument cluster	
Electronic module	ALWR 906, Light Control Unit	
Electronic module	CD-System 9.12.1, CD Control	
Electronic module	DBE 7.0, Roof control	





Electronic module	EWM 906, Gearbox lever									
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel									
Electronic module	OBF 7.0, Switches modular system									
Electronic module	Trailer 2.0, Towed vehicle recognition system									
Electronic module	Trailer 2.1, Towed vehicle recognition system									
Electronic module	TSG 7.0, Door module									
Engine	CR/EDC 16CP31, Electronic Diesel Control									
Engine	EDC 16 C2, Electronic Diesel Control									
Radio	Audio 1.0, Audio system									
Safety	AB 9.06, Airbag									

412 D Sprinter [1995-2000], engine: OM 602.980 DE LA

Brakes	ABS/ABD 5.3, Antilock braking system					
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413 CDI Sprinter [2000-2006], engine: OM 611.981 DE LA

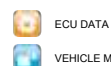
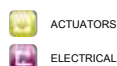
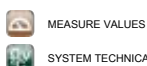
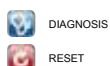
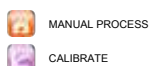
Gearbox	EGS ML, Transmission							
Gearbox	EGS SSG, Transmission							
Brakes	ABS/ABD 5.3, Antilock braking system							
Brakes	ABS/ASR 5.7, Antilock braking system							
Brakes	ESP 1.34, Electronic stability control							
Engine	EDC 15C6, Electronic Diesel Control							
Safety	AB 7.8, Airbag							

413 CDI Sprinter [2001-...], engine: OM 611 LA

Gearbox	EGS SSG, Transmission								
Brakes	ABS/ASR 5.7, Antilock braking system								
Brakes	ESP 1.34, Electronic stability control								
Engine	EDC 15C6, Electronic Diesel Control								

414 Sprinter [2000-2006], engine: M 111.984

Gearbox	EGS ML, Transmission								
Gearbox	EGS SSG, Transmission								
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control								
Brakes	ABS/ABD 5.3, Antilock braking system								
Brakes	ABS/ASR 5.7, Antilock braking system								
Brakes	ESP 1.34, Electronic stability control								
Brakes	ESP 8.0 VAR 1, Electronic stability control								
Electronic module	DBE 7.0, Roof control								
Electronic module	Trailer 2.0, Towed vehicle recognition system								
Radio	Audio 1.0, Audio system								





Safety

AB 7.8, Airbag



415 CDI Sprinter [2006-...], engine: OM 646.9... DE 22 LA



Antitheft	EZS 7.0, Ignition and start electronic switch								
Gearbox	EGS/VGSNA2, Automatic gearbox								
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control								
Central computer	BC 7.0, Body computer								
Brakes	ESP 8.0 VAR 1, Electronic stability control								
Instrument cluster	INS 7.0, Instrument cluster								
Electronic module	ALWR 906, Light Control Unit								
Electronic module	CD-System 9.12.1, CD Control								
Electronic module	DBE 7.0, Roof control								
Electronic module	EWM 906, Gearbox lever								
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel								
Electronic module	OBF 7.0, Switches modular system								
Electronic module	Trailer 2.0, Towed vehicle recognition system								
Electronic module	Trailer 2.1, Towed vehicle recognition system								
Electronic module	TSG 7.0, Door module								
Engine	CR/EDC 16CP31, Electronic Diesel Control								
Engine	EDC 16 C2, Electronic Diesel Control								
Radio	Audio 1.0, Audio system								
Safety	AB 9.06, Airbag								

416 CDI Sprinter [2000-2006], engine: OM 612.981 DE LA



Gearbox	EGS ML, Transmission								
Gearbox	EGS SSG, Transmission								
Brakes	ABS/ABD 5.3, Antilock braking system								
Brakes	ABS/ASR 5.7, Antilock braking system								
Brakes	ESP 1.34, Electronic stability control								
Engine	EDC 15C6, Electronic Diesel Control								
Safety	AB 7.8, Airbag								

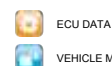
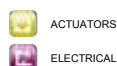
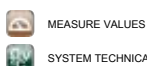
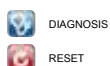
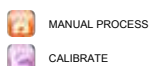
416 CDI Sprinter [2004-2006], engine: OM 647.981 DE 27 LA

Gearbox	EGS ML, Transmission								
Engine	EDC 16 C2, Electronic Diesel Control								
Safety	AB 7.8, Airbag								

416 CDI Sprinter [2006-...], engine: OM 612.981 DE LA



Antitheft	EZS 7.0, Ignition and start electronic switch								
Gearbox	EGS ML, Transmission								





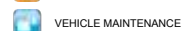
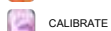
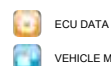
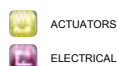
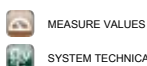
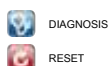
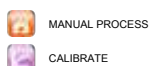
Gearbox	EGS SSG, Transmission	
Brakes	ESP 8.0 VAR 1, Electronic stability control	
Electronic module	DBE 7.0, Roof control	
Electronic module	Trailer 2.0, Towed vehicle recognition system	
Radio	Audio 1.0, Audio system	
Safety	AB 7.8, Airbag	

418 CDI Sprinter [2006-...], engine: OM 642.99...

Antitheft	EZS 7.0, Ignition and start electronic switch	
Gearbox	EGS/VGSNA2, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control	
Central computer	BC 7.0, Body computer	
Brakes	ESP 8.0 VAR 1, Electronic stability control	
Instrument cluster	INS 7.0, Instrument cluster	
Electronic module	ALWR 906, Light Control Unit	
Electronic module	CD-System 9.12.1, CD Control	
Electronic module	DBE 7.0, Roof control	
Electronic module	EWM 906, Gearbox lever	
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel	
Electronic module	OBF 7.0, Switches modular system	
Electronic module	Trailer 2.0, Towed vehicle recognition system	
Electronic module	Trailer 2.1, Towed vehicle recognition system	
Electronic module	TSG 7.0, Door module	
Engine	CR/EDC 16CP31, Electronic Diesel Control	
Radio	Audio 1.0, Audio system	
Safety	AB 9.06, Airbag	

509 CDI Sprinter [2006-...], engine: OM 646.984 DE 22 LA

Antitheft	EZS 7.0, Ignition and start electronic switch	
Gearbox	EGS/VGSNA2, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control	
Central computer	BC 7.0, Body computer	
Brakes	ESP 8.0 VAR 1, Electronic stability control	
Instrument cluster	INS 7.0, Instrument cluster	
Electronic module	ALWR 906, Light Control Unit	
Electronic module	CD-System 9.12.1, CD Control	
Electronic module	DBE 7.0, Roof control	
Electronic module	EWM 906, Gearbox lever	





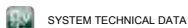
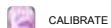
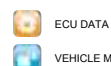
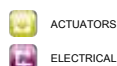
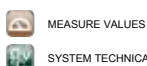
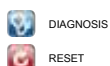
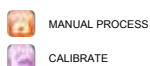
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel	
Electronic module	OBF 7.0, Switches modular system	
Electronic module	Trailer 2.0, Towed vehicle recognition system	
Electronic module	Trailer 2.1, Towed vehicle recognition system	
Electronic module	TSG 7.0, Door module	
Engine	CR/EDC 16CP31, Electronic Diesel Control	
Engine	EDC 16 C2, Electronic Diesel Control	
Radio	Audio 1.0, Audio system	
Safety	AB 9.06, Airbag	

511 CDI Sprinter [2006-...], engine: OM 646.985 DE 22 LA

Antitheft	EZS 7.0, Ignition and start electronic switch	
Gearbox	EGS/VGSNA2, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control	
Central computer	BC 7.0, Body computer	
Brakes	ESP 8.0 VAR 1, Electronic stability control	
Instrument cluster	INS 7.0, Instrument cluster	
Electronic module	ALWR 906, Light Control Unit	
Electronic module	CD-System 9.12.1, CD Control	
Electronic module	DBE 7.0, Roof control	
Electronic module	EWM 906, Gearbox lever	
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel	
Electronic module	OBF 7.0, Switches modular system	
Electronic module	Trailer 2.0, Towed vehicle recognition system	
Electronic module	Trailer 2.1, Towed vehicle recognition system	
Electronic module	TSG 7.0, Door module	
Engine	CR/EDC 16CP31, Electronic Diesel Control	
Engine	EDC 16 C2, Electronic Diesel Control	
Radio	Audio 1.0, Audio system	
Safety	AB 9.06, Airbag	

515 CDI Sprinter [2006-...], engine: OM 646.9... DE 22 LA

Antitheft	EZS 7.0, Ignition and start electronic switch	
Gearbox	EGS/VGSNA2, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control	
Central computer	BC 7.0, Body computer	
Brakes	ESP 8.0 VAR 1, Electronic stability control	
Instrument cluster	INS 7.0, Instrument cluster	





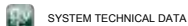
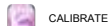
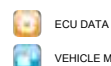
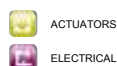
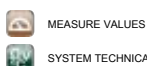
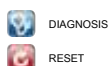
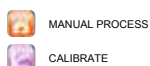
Electronic module	ALWR 906, Light Control Unit						
Electronic module	CD-System 9.12.1, CD Control						
Electronic module	DBE 7.0, Roof control						
Electronic module	EWM 906, Gearbox lever						
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel						
Electronic module	OBF 7.0, Switches modular system						
Electronic module	Trailer 2.0, Towed vehicle recognition system						
Electronic module	Trailer 2.1, Towed vehicle recognition system						
Electronic module	TSG 7.0, Door module						
Engine	CR/EDC 16CP31, Electronic Diesel Control						
Engine	EDC 16 C2, Electronic Diesel Control						
Radio	Audio 1.0, Audio system						
Safety	AB 9.06, Airbag						

518 CDI Sprinter [2006-...], engine: OM 642.99...

Antitheft	EZS 7.0, Ignition and start electronic switch						
Gearbox	EGS/VGSNA2, Automatic gearbox						
HVAC (Heating, Ventilating and Air Conditioning)	CU 7.0, Climate control						
Central computer	BC 7.0, Body computer						
Brakes	ESP 8.0 VAR 1, Electronic stability control						
Instrument cluster	INS 7.0, Instrument cluster						
Electronic module	ALWR 906, Light Control Unit						
Electronic module	CD-System 9.12.1, CD Control						
Electronic module	DBE 7.0, Roof control						
Electronic module	EWM 906, Gearbox lever						
Electronic module	LS 7.0, Steering column switches / multifunction steering wheel						
Electronic module	OBF 7.0, Switches modular system						
Electronic module	Trailer 2.0, Towed vehicle recognition system						
Electronic module	Trailer 2.1, Towed vehicle recognition system						
Electronic module	TSG 7.0, Door module						
Engine	CR/EDC 16CP31, Electronic Diesel Control						
Radio	Audio 1.0, Audio system						
Safety	AB 9.06, Airbag						

613 D (Vario) [2006-...], engine: OM 900.917 (904 LA)

Central computer	FR, Electronic gear shift regulation						
Brakes	ABS, Antilock braking system						
Engine	MR, Pump-Pipe-Injector with electronic diesel control						





614 D (Vario) [1996-2001], engine: OM 904.908 LA

Engine	MR, Pump-Pipe-Injector with electronic diesel control								
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614 D (Vario) [2001-2006], engine: OM 904.914 LA

Engine	MR, Pump-Pipe-Injector with electronic diesel control								
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615 D (Vario) [1998-2001], engine: OM 904.923 LA

Engine	MR, Pump-Pipe-Injector with electronic diesel control								
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615 D (Vario) [2001-2006], engine: OM 904.936 LA

Engine	MR, Pump-Pipe-Injector with electronic diesel control								
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616 CDI Sprinter [2001-2006], engine: OM 612.981 DE LA

Gearbox	EGS ML, Transmission								
Gearbox	EGS SSG, Transmission								
Brakes	ABS/ASR 5.7, Antilock braking system								
Brakes	ESP 1.34, Electronic stability control								
Engine	EDC 15C6, Electronic Diesel Control								
Safety	AB 7.8, Airbag								

616 D (Vario) [2006-...], engine: OM 900.918 (904 LA)

Central computer	FR, Electronic gear shift regulation								
Brakes	ABS, Antilock braking system								
Engine	MR, Pump-Pipe-Injector with electronic diesel control								

618 D (Vario) [2003-2006], engine: OM 904.964 LA

Engine	MR, Pump-Pipe-Injector with electronic diesel control								
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618 D (Vario) [2006-...], engine: OM900.919 (904 LA)

Central computer	FR, Electronic gear shift regulation								
Brakes	ABS, Antilock braking system								
Engine	MR, Pump-Pipe-Injector with electronic diesel control								

618 D (Vario) [2006-2009], engine: OM 904.964 (904 LA)

Central computer	FR, Electronic gear shift regulation								
Brakes	ABS, Antilock braking system								
Engine	MR, Pump-Pipe-Injector with electronic diesel control								

810 DT (Vario) [1996-2006], engine: OM 904.904 LA

Engine	MR, Pump-Pipe-Injector with electronic diesel control								
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813 D/DA (Vario) [2006-...], engine: OM 900.917 (904 LA)

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Central computer	FR, Electronic gear shift regulation							
Brakes	ABS, Antilock braking system							
Engine	MR, Pump-Pipe-Injector with electronic diesel control							

814 D (Vario) [1996-2001], engine: OM 904.908 LA

Engine	MR, Pump-Pipe-Injector with electronic diesel control							
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814 D (Vario) [2001-2006], engine: OM 904.914 LA

Engine	MR, Pump-Pipe-Injector with electronic diesel control							
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814 DA (Vario) [1996-2001], engine: OM 904.908,923 LA

Engine	MR, Pump-Pipe-Injector with electronic diesel control							
--------	---	--	--	--	--	--	--	--

815 D (Vario) [1996-2001], engine: OM 904.923,936 LA

Engine	MR, Pump-Pipe-Injector with electronic diesel control							
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815 D (Vario) [2001-2006], engine: OM 904.936 LA

Engine	MR, Pump-Pipe-Injector with electronic diesel control							
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815 DA (Vario) [1996-2001], engine: OM 904.908,923 LA

Engine	MR, Pump-Pipe-Injector with electronic diesel control							
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816 D/DA (Vario) [2006-...], engine: OM 900.918 (904 LA)

Central computer	FR, Electronic gear shift regulation							
Brakes	ABS, Antilock braking system							
Engine	MR, Pump-Pipe-Injector with electronic diesel control							

818 D (Vario) [2003-2006], engine: OM 904.964 LA

Engine	MR, Pump-Pipe-Injector with electronic diesel control							
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818 D/DA (Vario) [2006-...], engine: OM 900.919 (904 LA)

Central computer	FR, Electronic gear shift regulation							
Brakes	ABS, Antilock braking system							
Engine	MR, Pump-Pipe-Injector with electronic diesel control							

818 D/DA (Vario) [2006-2009], engine: OM 904.964 (904 LA)

Central computer	FR, Electronic gear shift regulation							
Brakes	ABS, Antilock braking system							
Engine	MR, Pump-Pipe-Injector with electronic diesel control							

O 810 (Vario) [1996-2001], engine: OM 904.904 LA

Engine	MR, Pump-Pipe-Injector with electronic diesel control							
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MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



O 814 (Vario) [1996-2001], engine: OM 904.908 LA

Engine MR, Pump-Pipe-Injector with electronic diesel control



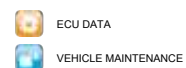
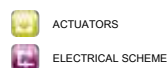
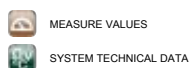
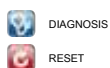
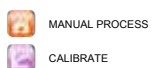
O 815 (Vario) [1996-2001], engine: OM 904.923 LA

Engine MR, Pump-Pipe-Injector with electronic diesel control



Sprinter ISO

Engine EDC 15 C, Electronic Diesel Control





CANTER

Engine	EDC 4M50, Electronic diesel control, injection rail	
Engine	MR 4M4, Diesel injection control, injection rail	

Canter 5.2 Diesel 4WD [2002-2005], engine: 4M51

Brakes	ABS 9.6.2, Antilock braking system	
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Delica Cargo 2.0 Diesel Turbo [2003-...], engine: RF

Brakes	ABS 9.6.2, Antilock braking system	
Safety	AB 1.1, Airbag	

Delica Cargo 2.5 Diesel [1999-2003], engine: WL

Brakes	ABS 9.6.1, Antilock braking system	
Safety	AB 1.1, Airbag	

Delica Truck 2.0 Diesel Turbo [2003-...], engine: RF

Brakes	ABS 9.6.2, Antilock braking system	
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Delica Van 2 Diesel Turbo [2003-...], engine: RF

Brakes	ABS 9.6.2, Antilock braking system	
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L 200 2.5 D Turbo HPE [2004-...], engine: 4D56 VGT

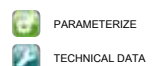
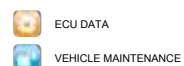
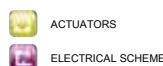
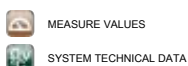
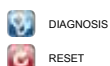
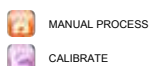
Engine	EDC VRZ 1.0, Radial piston diesel injection pump	
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Triton 2.5 Diesel 4WD [2005-...], engine: 4D56

Gearbox	V4A5A, Automatic gearbox	
Engine	CR/EDC, Electronic diesel control, injection rail	
Safety	AB, Airbag	

Triton 3.2 Diesel 4WD [2005-...], engine: 4M41

Gearbox	V4A5A, Automatic gearbox	
Engine	CR/EDC, Electronic diesel control, injection rail	
Safety	AB, Airbag	





Cabstar 2.5 Diesel Turbo (81 kW) [2006-...], engine: YD25DDTI

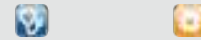
HVAC (Heating, Ventilating and Air Conditioning)

Klima 9.12.1, Climate control



Safety

AB 2.0, Airbag



Cabstar 2.5 Diesel Turbo (96 kW) [2006-...], engine: YD25DDTI

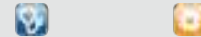
HVAC (Heating, Ventilating and Air Conditioning)

Klima 9.12.1, Climate control



Safety

AB 2.0, Airbag



Cabstar 3.0 Diesel Turbo [2006-...], engine: ZD30DDTI

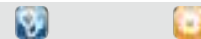
HVAC (Heating, Ventilating and Air Conditioning)

Klima 9.12.1, Climate control



Safety

AB 2.0, Airbag



Cabstar E 3.0 Diesel Turbo (81 kW) [1998-2006], engine: BD30Ti

Engine

EDC 15M+ 1.0, Electronic Diesel Control



Cabstar E 3.0 Diesel Turbo (88 kW) [1998-2006], engine: BD30Ti

Engine

EDC 15 M+ 1.0, Electronic Diesel Control



Caravan 3.0 Diesel [2001-2004], engine: ZD30DD

Safety

AB 2.0, Airbag



Interstar 1.9 Diesel Turbo dCi 80 [2002-...], engine: F9Q

Brakes

ABS 430, Antilock braking system



Brakes

ESP 430 VAR1, Electronic stability control



Safety

AB 2.0, Airbag



Interstar 2.2 Diesel Turbo dCi 90 [2002-...], engine: G9T

Brakes

ABS 430, Antilock braking system



Brakes

ESP 430 VAR1, Electronic stability control



Engine

CR/EDC 15C3, Electronic Diesel Control



Safety

AB 2.0, Airbag



Interstar 2.5 Diesel Turbo dCi 100 [2003-...], engine: G9U

HVAC (Heating, Ventilating and Air Conditioning)

Klima 9.12.1, Climate control



Brakes

ABS 430, Antilock braking system



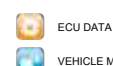
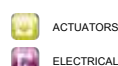
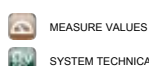
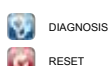
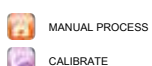
Brakes

ESP 430 VAR1, Electronic stability control



Engine

CR/EDC 15C3, Electronic Diesel Control





Safety AB 2.0, Airbag



Interstar 2.5 Diesel Turbo dCi 120 [2002-...], engine: G9U

Brakes ABS 430, Antilock braking system



Brakes ESP 430 VAR1, Electronic stability control



Safety AB 2.0, Airbag



Interstar 2.5 Diesel Turbo dCi 150 [2006-...]

HVAC (Heating, Ventilating and Air Conditioning) Klima 9.12.1, Climate control



Brakes ABS 430, Antilock braking system



Brakes ESP 430 VAR1, Electronic stability control



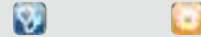
Engine CR/EDC 15C3, Electronic Diesel Control



Engine EDC 16 C3, Electronic Diesel Control



Safety AB 2.0, Airbag



Interstar 3.0 Diesel Turbo dCi 140 [2003-...], engine: ZD3

HVAC (Heating, Ventilating and Air Conditioning) Klima 9.12.1, Climate control



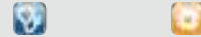
Brakes ABS 430, Antilock braking system



Brakes ESP 430 VAR1, Electronic stability control



Safety AB 2.0, Airbag



Primastar 1.9 dCi 100 [2002-...], engine: F9Q 760

HVAC (Heating, Ventilating and Air Conditioning) Klima 9.12.1, Climate control



Brakes ABS 430, Antilock braking system



Brakes ESP 430 VAR1, Electronic stability control



Engine CR/EDC 15C3, Electronic Diesel Control



Safety AB 2.0, Airbag



Primastar 1.9 dCi 80 [2002-...], engine: F9Q 762

Brakes ABS 430, Antilock braking system



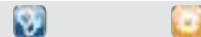
Brakes ESP 430 VAR1, Electronic stability control



Engine CR/EDC 16C36, Electronic Diesel Control



Safety AB 2.0, Airbag

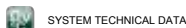
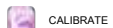
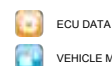
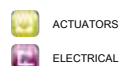
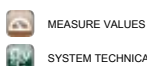
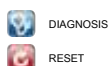
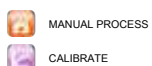


Primastar 2.0 dCi 115 [2006-...], engine: M9R 780, 782

HVAC (Heating, Ventilating and Air Conditioning) Klima 9.12.1, Climate control



Brakes ABS 430, Antilock braking system





Brakes	ESP 430 VAR1, Electronic stability control	
Engine	CR/EDC 16 CP33, Electronic diesel control, injection rail	
Safety	AB 2.0, Airbag	

Primastar 2.0 dCi 90 [2006-...], engine: M9R 780

HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control	
Brakes	ABS 430, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	
Engine	CR/EDC 16 CP33, Electronic diesel control, injection rail	
Safety	AB 2.0, Airbag	

Primastar 2.5 dCi 140 [2003-...], engine: G9U 730

HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control	
Brakes	ABS 430, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	
Engine	EDC 15 C13, Electronic Diesel Control	
Safety	AB 2.0, Airbag	

Primastar 2.5 dCi 150 [2006-...], engine: G9U 630

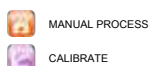
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control	
Brakes	ABS 430, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	
Engine	CR/EDC 16C36, Electronic Diesel Control	
Safety	AB 2.0, Airbag	

Vanette Truck 2.0 Diesel Turbo [2003-...], engine: RF

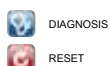
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control	
Safety	AB 2.0, Airbag	

Vanette Van 2.0 Diesel Turbo [2003-...], engine: RF

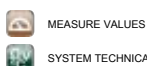
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control	
Safety	AB 2.0, Airbag	



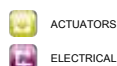
MANUAL PROCESS



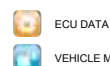
DIAGNOSIS



MEASURE VALUES



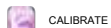
ACTUATORS



ECU DATA



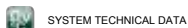
PARAMETERIZE



CALIBRATE



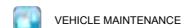
RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



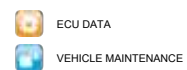
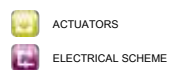
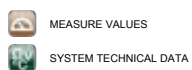
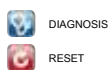
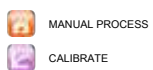
TECHNICAL DATA



OBD

Antipollution

EOBD / OBD, Standard protocol diagnosis





Movano 1.9 D [1999-2001], engine: F9Q-770

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Safety	AB 3X, Airbag							

Movano 1.9 DTI [2001-2005], engine: F9Q-...

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	EDC 15C3, Electronic Diesel Control							
Safety	AB 3X, Airbag							

Movano 2.2 DTI [2000-2005], engine: G9T-720

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	EDC 15C3, Electronic Diesel Control							
Safety	AB 3X, Airbag							

Movano 2.2 DTI [2001-2005], engine: G9T-...

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	EDC 15C3, Electronic Diesel Control							
Safety	AB 3X, Airbag							

Movano 2.5 D [1998-2001], engine: S8U-772

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Safety	AB 3X, Airbag							

Movano 2.5 DTI (107 kW) [2006-2010], engine: G9U-632

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	CR/EDC 16C36, Electronic Diesel Control							
Safety	AB 3X, Airbag							

Movano 2.5 DTI (88 kW) [2006-2010], engine: G9U-632

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	CR/EDC 16C36, Electronic Diesel Control							
Safety	AB 3X, Airbag							

Movano 2.5 DTI [2001-2007], engine: G9U-...

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	CR/EDC 16C36, Electronic Diesel Control							
Safety	AB 3X, Airbag							

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Brakes	ABS 430 VAR1, Antilock braking system		
Brakes	ESP 430 VAR1, Electronic stability control		
Engine	EDC 15C3, Electronic Diesel Control		
Safety	AB 3X, Airbag		

Movano 2.5 DTI [2001-2010], engine: G9U-754

Brakes	ABS 430 VAR1, Antilock braking system		
Brakes	ESP 430 VAR1, Electronic stability control		
Engine	EDC 15C13, Electronic Diesel Control		
Safety	AB 3X, Airbag		

Movano 2.5 DTI [2006-2010], engine: G9U-650

Brakes	ABS 430 VAR1, Antilock braking system		
Brakes	ESP 430 VAR1, Electronic stability control		
Engine	CR/EDC 16C36, Electronic Diesel Control		
Safety	AB 3X, Airbag		

Movano 2.8 DTI [1998-2001], engine: S9W-702

Brakes	ABS 430 VAR1, Antilock braking system		
Brakes	ESP 430 VAR1, Electronic stability control		
Safety	AB 3X, Airbag		

Movano 2.8 DTI [1999-2002], engine: S9W-700

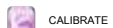
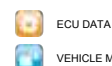
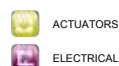
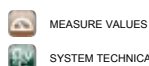
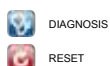
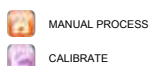
Brakes	ABS 430 VAR1, Antilock braking system		
Brakes	ESP 430 VAR1, Electronic stability control		
Safety	AB 3X, Airbag		

Movano 3.0 CDTI [2003-2005], engine: ZD3-...

Brakes	ABS 430 VAR1, Antilock braking system		
Brakes	ESP 430 VAR1, Electronic stability control		
Engine	EDC 16 C3, Electronic Diesel Control		
Safety	AB 3X, Airbag		

Vivaro 1.9 CDTI [2001-2006], engine: F9Q-762

Brakes	ABS 430 VAR1, Antilock braking system		
Brakes	ESP 430 VAR1, Electronic stability control		
Instrument cluster	Info Display 3.1, Instrument cluster - display		
Instrument cluster	Info Display3 3.0, Instrument cluster - display		
Electronic module	CD-System 1.0, CD Control		
Electronic module	CD-System 2.0, CD Control		
Engine	EDC 15C13, Electronic Diesel Control		
Engine	EDC 15C3, Electronic Diesel Control		





OPEL



Radio	Audio 1.1, Audio system				
Radio	Audio 1.2, Audio system				
Radio	Audio 1.4, Audio system				
Safety	AB 3X, Airbag				
Telematic	Audio / Telematic 2.0, Audio system				
Telematic	Navigation System 1.0, Browser				
Telematic	Navigation System 2.0, Browser				
Telematic	Navigation System 3.0, Browser				
Telematic	Telephone 1.0, Emergency phone				

Vivaro 1.9 DTI [2001-2006], engine: F9Q-760

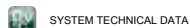
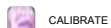
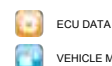
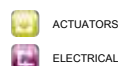
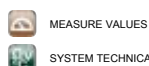
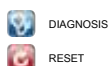
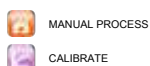
Brakes	ABS 430 VAR1, Antilock braking system									
Brakes	ESP 430 VAR1, Electronic stability control									
Instrument cluster	Info Display 3.1, Instrument cluster - display									
Instrument cluster	Info Display3 3.0, Instrument cluster - display									
Electronic module	CD-System 1.0, CD Control									
Electronic module	CD-System 2.0, CD Control									
Engine	EDC 15C13, Electronic Diesel Control									
Engine	EDC 15C3, Electronic Diesel Control									
Radio	Audio 1.1, Audio system									
Radio	Audio 1.2, Audio system									
Radio	Audio 1.4, Audio system									
Safety	AB 3X, Airbag									
Telematic	Audio / Telematic 2.0, Audio system									
Telematic	Navigation System 1.0, Browser									
Telematic	Navigation System 2.0, Browser									
Telematic	Navigation System 3.0, Browser									
Telematic	Telephone 1.0, Emergency phone									

Vivaro 2.0 CDTI (66 kW) [2006-...], engine: M9R-780

Brakes	ABS 430 VAR1, Antilock braking system									
Brakes	ESP 430 VAR1, Electronic stability control									
Instrument cluster	Info Display 4.1, Instrument cluster - display									
Engine	CR/EDC 16 CP33, Electronic diesel control, injection rail									
Radio	Audio 1.1, Audio system									
Radio	Audio 4.1, Audio system									
Safety	AB 3X, Airbag									
Telematic	Navigation System 4.1, Browser									

Vivaro 2.0 CDTI (84 kW) [2006-...], engine: M9R-780

Brakes	ABS 430 VAR1, Antilock braking system								
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OPEL



Brakes	ESP 430 VAR1, Electronic stability control								
Instrument cluster	Info Display 4.1, Instrument cluster - display								
Engine	CR/EDC 16 CP33, Electronic diesel control, injection rail								
Radio	Audio 1.1, Audio system								
Radio	Audio 4.1, Audio system								
Safety	AB 3X, Airbag								
Telematic	Navigation System 4.1, Browser								

Vivaro 2.5 CDTI [2002-2006], engine: G9U-730

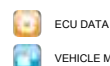
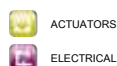
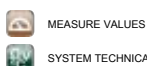
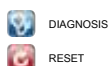
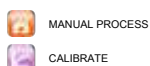
Brakes	ABS 430 VAR1, Antilock braking system								
Brakes	ESP 430 VAR1, Electronic stability control								
Instrument cluster	Info Display 3.1, Instrument cluster - display								
Instrument cluster	Info Display3 3.0, Instrument cluster - display								
Electronic module	CD-System 1.0, CD Control								
Electronic module	CD-System 2.0, CD Control								
Engine	EDC 15C13, Electronic Diesel Control								
Engine	EDC 15C3, Electronic Diesel Control								
Radio	Audio 1.1, Audio system								
Radio	Audio 1.2, Audio system								
Radio	Audio 1.4, Audio system								
Safety	AB 3X, Airbag								
Telematic	Audio / Telematic 2.0, Audio system								
Telematic	Navigation System 1.0, Browser								
Telematic	Navigation System 2.0, Browser								
Telematic	Navigation System 3.0, Browser								
Telematic	Telephone 1.0, Emergency phone								

Vivaro 2.5 CDTI [2006-...], engine: G9U-630,G9MB6

Brakes	ABS 430 VAR1, Antilock braking system								
Brakes	ESP 430 VAR1, Electronic stability control								
Instrument cluster	Info Display 4.1, Instrument cluster - display								
Engine	CR/EDC 16C36, Electronic Diesel Control								
Radio	Audio 1.1, Audio system								
Radio	Audio 4.1, Audio system								
Safety	AB 3X, Airbag								
Telematic	Navigation System 4.1, Browser								

Vivaro 2.5 CDTI [2006-2008], engine: G9U-630

Brakes	ABS 430 VAR1, Antilock braking system								
Brakes	ESP 430 VAR1, Electronic stability control								
Instrument cluster	Info Display 3.1, Instrument cluster - display								

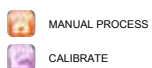




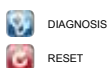
OPEL



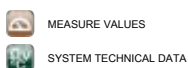
Instrument cluster	Info Display 4.1, Instrument cluster - display			
Instrument cluster	Info Display3 3.0, Instrument cluster - display			
Electronic module	CD-System 2.0, CD Control			
Engine	CR/EDC 16C36, Electronic Diesel Control			
Radio	Audio 1.1, Audio system			
Radio	Audio 1.2, Audio system			
Radio	Audio 1.4, Audio system			
Radio	Audio 4.1, Audio system			
Safety	AB 3X, Airbag			
Telematic	Audio / Telematic 2.0, Audio system			
Telematic	Navigation System 1.0, Browser			
Telematic	Navigation System 2.0, Browser			
Telematic	Navigation System 3.0, Browser			
Telematic	Navigation System 4.1, Browser			
Telematic	Telephone 1.0, Emergency phone			



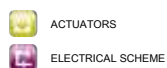
MANUAL PROCESS



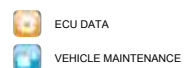
DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



Boxer 2.0 HDi [2001-2002], engine: RHV

Engine CR/EDC 15C-7, Electronic diesel control, injection rail



Boxer 2.0 HDi [2002-2006], engine: RHV

Engine CR/EDC 15C-7, Electronic diesel control, injection rail



Boxer 2.2 HDi [2002-2006], engine: 4HY

Engine CR/EDC 15C-7, Electronic diesel control, injection rail



Boxer 2.2 HDi [2006-...], engine: 4HU

HVAC (Heating, Ventilating and Air Conditioning) CU 2.0.1, Climate control



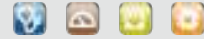
Central computer BC 2.0.1, Body computer



Brakes ABS 8 Var 3, Antilock braking system



Brakes ABS 8.0, Antilock braking system



Brakes ABS/ASR 8.0, Antilock braking system



Brakes ESP 8.0, Electronic stability control



Instrument cluster INS 2.0.1, Instrument cluster



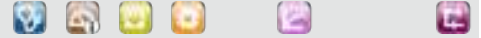
Maintenance Service 6.2.0, Maintenance system



Electronic module PDK 2.3, Parking help system



Engine CR/EDC DCU 102, Electronic diesel control, injection rail



Safety AB 5.0, Airbag



Telematic Audio / Telematic 2.0, Audio system



Telematic Audio / Telematic 2.0.1, Audio system

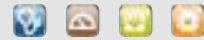


Boxer 2.2 HDi [2006-...], engine: 4HV

HVAC (Heating, Ventilating and Air Conditioning) CU 2.0.1, Climate control



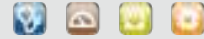
Central computer BC 2.0.1, Body computer



Brakes ABS 8 Var 3, Antilock braking system



Brakes ABS 8.0, Antilock braking system



Brakes ABS/ASR 8.0, Antilock braking system



Brakes ESP 8.0, Electronic stability control



Instrument cluster INS 2.0.1, Instrument cluster



Maintenance Service 6.2.0, Maintenance system



Electronic module PDK 2.3, Parking help system



Engine CR/EDC DCU 102, Electronic diesel control, injection rail



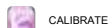
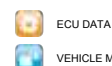
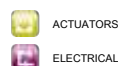
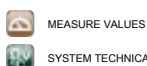
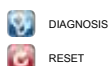
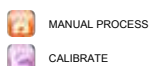
Safety AB 5.0, Airbag



Telematic Audio / Telematic 2.0, Audio system



Telematic Audio / Telematic 2.0.1, Audio system





Boxer 2.8 Diesel [1999-2002], engine: 8140 63

Engine CR/EDC 15C-7, Electronic diesel control, injection rail



Boxer 2.8 Diesel Turbo [1999-2002], engine: 8140 43

Engine CR/EDC 15C-7, Electronic diesel control, injection rail



Boxer 2.8 Diesel Turbo [2002-2006], engine: 8140 43

Engine CR/EDC 15C-7, Electronic diesel control, injection rail



Boxer 2.8 HDi [2000-2002], engine: 8140 43s

Gearbox 4HP20, Automatic gearbox



Engine CR/EDC 15C-7, Electronic diesel control, injection rail



Boxer 2.8 HDi [2002-2006], engine: 8140 43s

Gearbox 4HP20, Automatic gearbox



Engine CR/EDC 15C-7, Electronic diesel control, injection rail



Boxer 2.8 HDi [2004-2006], engine: 8140 43

Engine CR/EDC 15C-7, Electronic diesel control, injection rail



Boxer 2.8 HDi [2005-...], engine: 8140 43s

Brakes ESP 8.0, Electronic stability control



Maintenance Service 6.2.0, Maintenance system



Safety AB 5.0, Airbag



Boxer 3.0 HDi [2006-...], engine: F1C

Gearbox CFC 348, Gearbox management system



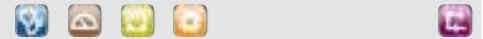
HVAC (Heating, Ventilating and Air Conditioning) CU 2.0.1, Climate control



Central computer BC 2.0.1, Body computer



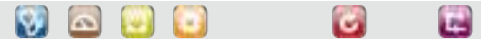
Brakes ABS 8 Var 3, Antilock braking system



Brakes ABS 8.0, Antilock braking system



Brakes ABS/ASR 8.0, Antilock braking system



Brakes ESP 8.0, Electronic stability control



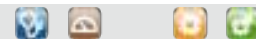
Instrument cluster INS 2.0.1, Instrument cluster



Maintenance Service 6.2.0, Maintenance system



Electronic module PDK 2.3, Parking help system



Engine EDC 16 C39, Electronic Diesel Control



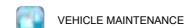
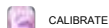
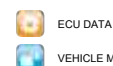
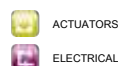
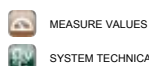
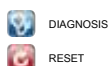
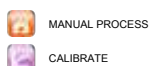
Safety AB 5.0, Airbag



Telematic Audio / Telematic 2.0, Audio system

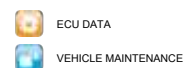
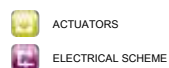
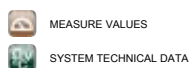
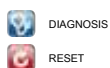
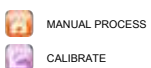


Boxer 3.0 HDi [2010-...], engine: F1CE348ID





Gearbox	CFC 348, Gearbox management system	
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.0.1, Climate control	
Central computer	BC 2.0.1, Body computer	
Brakes	ABS 8 Var 3, Antilock braking system	
Brakes	ABS 8.0, Antilock braking system	
Brakes	ABS/ASR 8.0, Antilock braking system	
Brakes	ESP 8.0, Electronic stability control	
Instrument cluster	INS 2.0.1, Instrument cluster	
Maintenance	Service 6.2.0, Maintenance system	
Electronic module	PDK 2.3, Parking help system	
Safety	AB 5.0, Airbag	
Telematic	Audio / Telematic 2.0, Audio system	





Mascott dCi

Brakes	ABS, Antilock braking system					
Engine	EDC MS6.3, Electronic diesel control, injection rail					

Mascott DXi Phase II, engine: ZD30

Maintenance	UCH Max, Maintenance					
Engine	EDC ECCS, Engine electronic control system					

Mascott DXi Phase III, engine: ZD3A

Central computer	ZE 2.3, Body computer					
Brakes	ABS/ASR 8.1, Antilock braking system					
Maintenance	UCH Max, Maintenance					
Engine	EDC, Electronic Diesel Control					

Master 1.9 dCi 80 [2000-2003], engine: F9Q 772

Central computer	BC 2.3, Body computer					
Brakes	ABS 430, Antilock braking system					
Brakes	ESP 430 VAR1, Electronic stability control					
Engine	CR/EDC 15C3, Electronic Diesel Control					

Master 1.9 dCi 80 [2001-2003], engine: F9Q 772

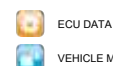
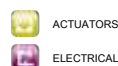
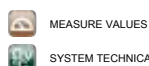
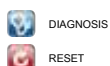
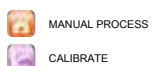
Central computer	BC 2.3, Body computer					
Brakes	ABS 430, Antilock braking system					
Brakes	ESP 430 VAR1, Electronic stability control					
Engine	CR/EDC 15C3, Electronic Diesel Control					

Master 1.9 dCi 80 [2003-2006], engine: F9Q 774

Central computer	BC 2.3, Body computer					
Brakes	ABS 430, Antilock braking system					
Brakes	ESP 430 VAR1, Electronic stability control					
Engine	CR/EDC 15C3, Electronic Diesel Control					

Master 1.9 dTi 80 [2000-2003], engine: F9Q 770

Central computer	BC 2.3, Body computer					
Brakes	ABS 430, Antilock braking system					
Brakes	ESP 430 VAR1, Electronic stability control					
Safety	AB 3.8, Airbag					
Safety	AC4 PH1, Airbag					
Safety	AC4 PH2, Airbag					
Safety	AC6 PH1, Airbag					
Safety	AC6 PH2, Airbag					





Master 1.9 dTi 80 [2001-2003], engine: F9Q 770



Central computer	BC 2.3, Body computer					
Brakes	ABS 430, Antilock braking system					
Brakes	ESP 430 VAR1, Electronic stability control					

Master 2.2 dCi 90 [2000-2003], engine: G9T 720



Central computer	BC 2.3, Body computer					
Brakes	ABS 430, Antilock braking system					
Brakes	ESP 430 VAR1, Electronic stability control					
Engine	CR/EDC 15C3, Electronic Diesel Control					
Safety	AB 3.8, Airbag					
Safety	AC4 PH1, Airbag					
Safety	AC4 PH2, Airbag					
Safety	AC6 PH1, Airbag					
Safety	AC6 PH2, Airbag					

Master 2.2 dCi 90 [2000-2003], engine: G9T 722



Central computer	BC 2.3, Body computer					
Brakes	ABS 430, Antilock braking system					
Brakes	ESP 430 VAR1, Electronic stability control					
Engine	CR/EDC 15C3, Electronic Diesel Control					

Master 2.2 dCi 90 [2003-2006], engine: G9T 750



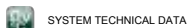
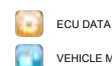
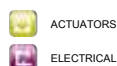
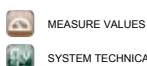
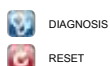
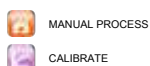
Central computer	BC 2.3, Body computer					
Brakes	ABS 430, Antilock braking system					
Brakes	ESP 430 VAR1, Electronic stability control					
Engine	CR/EDC 15C3, Electronic Diesel Control					

Master 2.5 dCi 100 [2003-2006], engine: G9U 754



Central computer	BC 2.3, Body computer					
Brakes	ABS 430, Antilock braking system					
Brakes	ESP 430 VAR1, Electronic stability control					
Engine	CR/EDC 15C3, Electronic Diesel Control					
Engine	EDC 16, Electronic Diesel Control					
Safety	AB 3.8, Airbag					
Safety	AC4 PH1, Airbag					
Safety	AC4 PH2, Airbag					
Safety	AC6 PH1, Airbag					
Safety	AC6 PH2, Airbag					

Master 2.5 dCi 100 [2006-...], engine: G9U 650 (M2)





Central computer	BC 2.3, Body computer							
Brakes	ABS 430, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	CR/EDC 16C36, Electronic Diesel Control							

Master 2.5 dCi 110 [2003-2006], engine: G9U 754

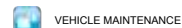
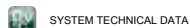
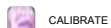
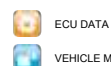
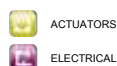
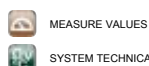
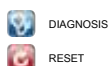
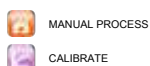
Central computer	BC 2.3, Body computer							
Brakes	ABS 430, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	CR/EDC 15C3, Electronic Diesel Control							
Engine	EDC 16, Electronic Diesel Control							
Safety	AB 3.8, Airbag							
Safety	AC4 PH1, Airbag							
Safety	AC4 PH2, Airbag							
Safety	AC6 PH1, Airbag							
Safety	AC6 PH2, Airbag							

Master 2.5 dCi 120 [2002-2003], engine: G9U 724

Central computer	BC 2.3, Body computer							
Brakes	ABS 430, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	CR/EDC 15C3, Electronic Diesel Control							
Engine	EDC 16, Electronic Diesel Control							
Safety	AB 3.8, Airbag							
Safety	AC4 PH1, Airbag							
Safety	AC4 PH2, Airbag							
Safety	AC6 PH1, Airbag							
Safety	AC6 PH2, Airbag							

Master 2.5 dCi 120 [2003-2006], engine: G9U 750

Central computer	BC 2.3, Body computer							
Brakes	ABS 430, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	CR/EDC 15C3, Electronic Diesel Control							
Engine	EDC 16 C3, Electronic Diesel Control							
Engine	EDC 16, Electronic Diesel Control							
Safety	AB 3.8, Airbag							
Safety	AC4 PH1, Airbag							
Safety	AC4 PH2, Airbag							
Safety	AC6 PH1, Airbag							
Safety	AC6 PH2, Airbag							





Master 2.5 dCi 120 [2003-2006], engine: G9U 754

Central computer	BC 2.3, Body computer	
Brakes	ABS 430, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	
Engine	CR/EDC 15C3, Electronic Diesel Control	
Engine	EDC 16, Electronic Diesel Control	
Safety	AB 3.8, Airbag	
Safety	AC4 PH1, Airbag	
Safety	AC4 PH2, Airbag	
Safety	AC6 PH1, Airbag	
Safety	AC6 PH2, Airbag	

Master 2.5 dCi 120 [2006-...], engine: G9U 650 (M1)

Central computer	BC 2.3, Body computer	
Brakes	ABS 430, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	
Engine	CR/EDC 16C36, Electronic Diesel Control	
Safety	ACU 3.8, Airbag	

Master 2.5 dCi 120 FAP [2006-...], engine: G9U 632 (M1)

Central computer	BC 2.3, Body computer	
Brakes	ABS 430, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	
Engine	CR/EDC 16C36, Electronic Diesel Control	

Master 2.5 dCi 150 FAP [2006-...], engine: G9U 632 (MY)

Central computer	BC 2.3, Body computer	
Brakes	ABS 430, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	
Engine	CR/EDC 16C36, Electronic Diesel Control	

Master 2.5 dCi 16V [2004-...], engine: G9U-724

Central computer	BC 2.3, Body computer	
Brakes	ABS 430, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	
Engine	CR/EDC 15C3, Electronic Diesel Control	
Engine	EDC 16, Electronic Diesel Control	

Master 2.5 dCi 90 [2000-2003], engine: G9U 720

Central computer	BC 2.3, Body computer	
Brakes	ABS 430, Antilock braking system	

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Brakes	ESP 430 VAR1, Electronic stability control	
Engine	CR/EDC 15C3, Electronic Diesel Control	
Engine	EDC 16, Electronic Diesel Control	
Safety	AB 3.8, Airbag	
Safety	AC4 PH1, Airbag	
Safety	AC4 PH2, Airbag	
Safety	AC6 PH1, Airbag	
Safety	AC6 PH2, Airbag	

Master 2.5 Diesel [1997-2003], engine: S8U 770

Brakes	ABS 430, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	
Safety	AC4 PH1, Airbag	
Safety	AC4 PH2, Airbag	
Safety	AC6 PH1, Airbag	
Safety	AC6 PH2, Airbag	

Master 2.5 Diesel [1997-2003], engine: S8U 772

Brakes	ABS 430, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	
Safety	AC4 PH1, Airbag	
Safety	AC4 PH2, Airbag	
Safety	AC6 PH1, Airbag	
Safety	AC6 PH2, Airbag	

Master 2.8 D [2002-2004], engine: 8140.63Z.2650

Brakes	ESP 430 VAR1, Electronic stability control	
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Master 2.8 Diesel [2001-2004], engine: S8W 700

Brakes	ABS 430, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	

Master 2.8 DTi [2002-2004], engine: 8140 TCA

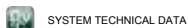
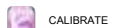
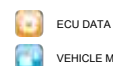
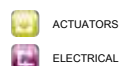
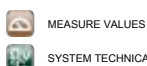
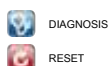
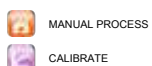
Brakes	ESP 430 VAR1, Electronic stability control	
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Master 2.8 dTi 110 [1997-2003], engine: S9W 700

Brakes	ABS 430, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	
Safety	AB 3.8, Airbag	

Master 2.8 dTi 110 [1998-2003], engine: S9W 700

Brakes	ABS 430, Antilock braking system	
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Brakes	ESP 430 VAR1, Electronic stability control	
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Master 2.8 dTi 110 [1999-2003], engine: S9W 700

Brakes	ABS 430, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	

Master 2.8 dTi 110 [2001-2003], engine: S9W 700

Brakes	ABS 430, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	

Master 2.8 dTi 120 [1997-2003], engine: S9W 702

Brakes	ABS 430, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	
Safety	AB 3.8, Airbag	

Master 3.0 dCi 140 [2003-2006], engine: ZD3 200

Central computer	BC 2.3, Body computer	
Brakes	ABS 430, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	
Engine	EDC 16 C3, Electronic Diesel Control	
Engine	EDC 16, Electronic Diesel Control	
Safety	ACU 3.8, Airbag	

Master 3.0 dCi 140 [2003-2006], engine: ZD3 202

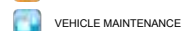
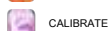
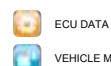
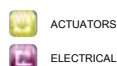
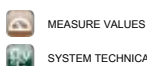
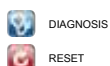
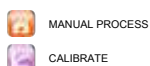
Central computer	BC 2.3, Body computer	
Brakes	ABS 430, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	
Engine	EDC 16 C3, Electronic Diesel Control	
Engine	EDC 16, Electronic Diesel Control	
Safety	ACU 3.8, Airbag	

Master T28-35 [1994-1997], engine: 8140.27.2590

Central computer	BC 2.3, Body computer	
Safety	AC4 PH1, Airbag	
Safety	AC4 PH2, Airbag	
Safety	AC6 PH2, Airbag	

Maxity

Brakes	HABS, Anti-lock hydraulic braking system	
Engine	EDC/ECCS YD25, Engine electronic control system	
Engine	EDC/ECCS ZD30, Engine electronic control system	





Trafic 1.9 DCI [2001-2006], engine: F9Q 760

Central computer	BC 2.3, Body computer						
Brakes	ABS 430, Antilock braking system						
Brakes	ESP 430 VAR1, Electronic stability control						
Engine	CR/EDC 15C3, Electronic Diesel Control						
Engine	EDC 15C13, Electronic Diesel Control						
Safety	AB 3, Airbag						

Trafic 1.9 DCI [2001-2006], engine: F9Q 762

Central computer	BC 2.3, Body computer						
Brakes	ABS 430, Antilock braking system						
Brakes	ESP 430 VAR1, Electronic stability control						
Engine	CR/EDC 15C3, Electronic Diesel Control						
Engine	EDC 15C13, Electronic Diesel Control						
Safety	AB 3, Airbag						

Trafic 1.9 DCI [2002-2006], engine: F9Q 762

Central computer	BC 2.3, Body computer						
Brakes	ABS 430, Antilock braking system						
Brakes	ESP 430 VAR1, Electronic stability control						
Engine	CR/EDC 15C3, Electronic Diesel Control						
Engine	EDC 15C13, Electronic Diesel Control						
Safety	AB 3, Airbag						

Trafic 2.0 DCI (66 kW) [2006-...], engine: M9R 780

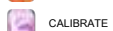
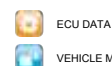
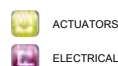
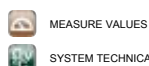
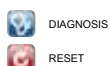
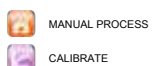
Central computer	BC 2.3, Body computer						
Brakes	ABS 430, Antilock braking system						
Brakes	ESP 430 VAR1, Electronic stability control						
Engine	CR/EDC 16CP33, Electronic diesel control, injection rail						
Safety	AB 3, Airbag						

Trafic 2.0 DCI (84 kW) [2010-...], engine: M9R630

Central computer	BC 2.3, Body computer						
Safety	AB 3, Airbag						

Trafic 2.0 DCI (85 kW) [2006-...], engine: M9R 780

Central computer	BC 2.3, Body computer						
Brakes	ABS 430, Antilock braking system						
Brakes	ESP 430 VAR1, Electronic stability control						
Engine	CR/EDC 16CP33, Electronic diesel control, injection rail						
Safety	AB 3, Airbag						





Trafic 2.0 DCI (85 kW) [2006-...], engine: M9R 782

Central computer	BC 2.3, Body computer								
Brakes	ESP 430 VAR1, Electronic stability control								
Engine	CR/EDC 16CP33, Electronic diesel control, injection rail								
Safety	AB 3, Airbag								

Trafic 2.2i [1994-1997], engine: J7T 600 Kat.

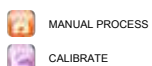
Central computer	BC 2.3, Body computer					
Safety	AB 3, Airbag					

Trafic 2.5 DCI [2002-2006], engine: G9U 730

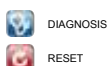
Central computer	BC 2.3, Body computer								
Brakes	ABS 430, Antilock braking system								
Brakes	ESP 430 VAR1, Electronic stability control								
Engine	CR/EDC 15C3, Electronic Diesel Control								
Engine	EDC 15C13, Electronic Diesel Control								
Engine	EDC 16 C3, Electronic Diesel Control								
Engine	EDC 16, Electronic Diesel Control								
Safety	AB 3, Airbag								

Trafic 2.5 DCI [2006-...], engine: G9U 630

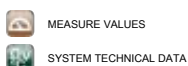
Central computer	BC 2.3, Body computer								
Brakes	ABS 430, Antilock braking system								
Brakes	ESP 430 VAR1, Electronic stability control								
Engine	CR/EDC 16C36, Electronic Diesel Control								
Safety	AB 3, Airbag								



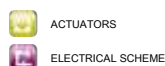
MANUAL PROCESS



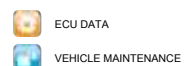
DIAGNOSIS



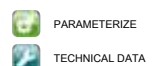
MEASURE VALUES



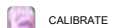
ACTUATORS



ECU DATA



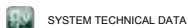
PARAMETERIZE



CALIBRATE



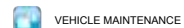
RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



Coaster 4.1 Diesel Turbo [1999-2004], engine: 15BFTE

Antitheft	WFS 9.12.1, Antitheft System				
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control				
Central computer	BC 9.12.1, Body computer				
Central computer	BC 9.12.2, Body computer				
Central computer	BC 9.12.3, Body computer				
Central computer	BCv 1.0, Body computer				
Wheel pressure control	RDK 1.0, Tire Pressure Monitoring System				
Steering	PWS 9.11.1, Electro-hydraulic steering system				
Steering	PWS 9.6.1, Electro-hydraulic steering system				
Instrument cluster	INS 9.12.1, Instrument cluster				
Instrument cluster	INS 9.12.2, Instrument cluster				
Electronic module	6K08, Seat occupancy identification system.				
Electronic module	Gateway 1.0, Gateway				
Electronic module	LS 9.12.1, Immobilizer, Steering column switch				
Electronic module	PDK 9.2.1, Parking help system				
Electronic module	TSG 9.2.1, Door module				
Electronic module	WL 9.12.2, Electric windows				
Safety	AB 1.0, Airbag				
Safety	AB 2.0, Airbag				
Safety	AB 3.0, Airbag				
Safety	Tempomat 9.12.1, Speed control system				
Safety	Tempomat 9.12.2, Speed control system				
Safety	Tempomat 9.12.3, Speed control system				
Safety	Tempomat 9.12.4, Speed control system				

Corolla Van 2.2 Diesel [1998-2002], engine: 3CE

HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control					

Corolla Van 2.2 Diesel 4WD [1998-2002], engine: 3CE

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



HVAC (Heating, Ventilating and Air Conditioning)

A/C 9.12.1, Climate control



HVAC (Heating, Ventilating and Air Conditioning)

CU 9.12.2, Climate control



HVAC (Heating, Ventilating and Air Conditioning)

Klima 9.12.1, Climate control



Dyna 2.5 Diesel [2004-2007], engine: 2KDFTV

Antitheft

WFS 9.12.1, Antitheft System



HVAC (Heating, Ventilating and Air Conditioning)

A/C 9.12.1, Climate control



HVAC (Heating, Ventilating and Air Conditioning)

CU 9.12.2, Climate control



HVAC (Heating, Ventilating and Air Conditioning)

Klima 9.12.1, Climate control



Brakes

ABS 8.0 VAR 2, Antilock braking system



Electronic module

6K08, Seat occupancy identification system.



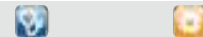
Engine

CR/EDC 3.0, Electronic diesel control, injection rail



Safety

AB 1.0, Airbag



Safety

AB 2.0, Airbag



Safety

AB 3.0, Airbag



Dyna 3.0 Diesel Turbo 4WD [2007-...], engine: 1KDFTV

Antitheft

WFS 9.12.1, Antitheft System



HVAC (Heating, Ventilating and Air Conditioning)

A/C 9.12.1, Climate control



HVAC (Heating, Ventilating and Air Conditioning)

CU 9.12.2, Climate control



HVAC (Heating, Ventilating and Air Conditioning)

Klima 9.12.1, Climate control



Brakes

ABS 8.0 VAR 2, Antilock braking system



Electronic module

6K08, Seat occupancy identification system.



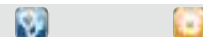
Engine

CR/EDC 3.0, Electronic diesel control, injection rail



Safety

AB 1.0, Airbag



Safety

AB 2.0, Airbag



Safety

AB 3.0, Airbag



Dyna 3.7 Diesel [1999-2004], engine: 4B

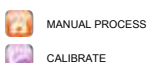
Antitheft

WFS 9.12.1, Antitheft System

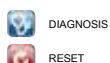


HVAC (Heating, Ventilating and Air Conditioning)

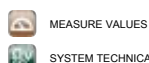
A/C 9.12.1, Climate control



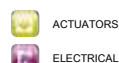
MANUAL PROCESS



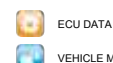
DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control				
Electronic module	6K08, Seat occupancy identification system.				
Safety	AB 1.0, Airbag				
Safety	AB 2.0, Airbag				
Safety	AB 3.0, Airbag				

Dyna 4.0 Diesel [2003-...], engine: N04C

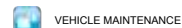
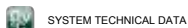
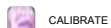
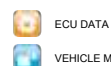
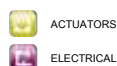
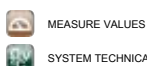
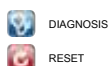
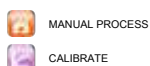
Antitheft	WFS 9.12.1, Antitheft System					
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control					
Brakes	ABS 8.0 VAR 2, Antilock braking system					
Electronic module	6K08, Seat occupancy identification system.					
Engine	CR/EDC 2.5, Electronic diesel control, injection rail					
Safety	AB 1.0, Airbag					
Safety	AB 2.0, Airbag					
Safety	AB 3.0, Airbag					

Dyna 4.0 Diesel [2004-...], engine: N04C

Antitheft	WFS 9.12.1, Antitheft System					
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control					
Brakes	ABS 8.0 VAR 2, Antilock braking system					
Electronic module	6K08, Seat occupancy identification system.					
Engine	CR/EDC 2.5, Electronic diesel control, injection rail					
Safety	AB 1.0, Airbag					
Safety	AB 2.0, Airbag					
Safety	AB 3.0, Airbag					

Dyna 4.6 Diesel [2001-...], engine: SO5CTB

Antitheft	WFS 9.12.1, Antitheft System				
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HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control					
Electronic module	6K08, Seat occupancy identification system.					
Engine	CR/EDC, Electronic diesel control, injection rail					
Safety	AB 1.0, Airbag					
Safety	AB 2.0, Airbag					
Safety	AB 3.0, Airbag					

Dyna 4.9 Diesel [1999-...], engine: S05D

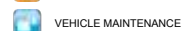
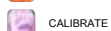
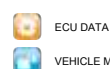
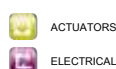
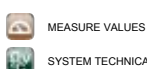
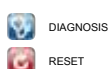
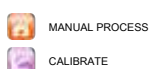
Antitheft	WFS 9.12.1, Antitheft System					
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control					
Electronic module	6K08, Seat occupancy identification system.					
Safety	AB 1.0, Airbag					
Safety	AB 2.0, Airbag					
Safety	AB 3.0, Airbag					

Hiace 2.5 D-4D [2001-...], engine: 2KDFTV

Antitheft	WFS 9.12.1, Antitheft System					
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control					
Engine	CR/EDC 2.5, Electronic diesel control, injection rail					
Safety	AB 2.0, Airbag					

Hiace 2.5 D-4D 4x4 [2001-...], engine: 2KDFTV

Antitheft	WFS 9.12.1, Antitheft System					
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control					





HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control				
Engine	CR/EDC 2.5, Electronic diesel control, injection rail				
Safety	AB 2.0, Airbag				

Hiace 2.5 Diesel Turbo [2001-...], engine: 2KDFTV

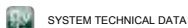
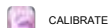
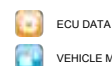
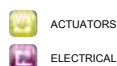
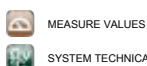
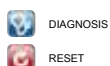
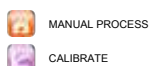
Antitheft	WFS 9.12.1, Antitheft System					
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.2, Climate control					
Brakes	ABS 1.0, Antilock braking system					
Brakes	ABS 8.0 VAR 2, Antilock braking system					
Brakes	ESP 1.0, Electronic stability control					
Electronic module	6K08, Seat occupancy identification system.					
Engine	CR/EDC 2.5, Electronic diesel control, injection rail					
Safety	AB 1.0, Airbag					
Safety	AB 2.0, Airbag					
Safety	AB 3.0, Airbag					

Hiace 2.5 Diesel Turbo 4x4 [2001-...], engine: 2KDFTV

Antitheft	WFS 9.12.1, Antitheft System					
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control					
Electronic module	6K08, Seat occupancy identification system.					
Engine	CR/EDC 2.5, Electronic diesel control, injection rail					
Safety	AB 1.0, Airbag					
Safety	AB 2.0, Airbag					
Safety	AB 3.0, Airbag					

Hiace 3.0 Diesel Wagon [2001-2006], engine: 5LE

Safety	AB 1.0, Airbag		
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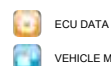
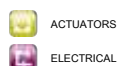
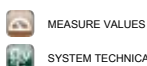
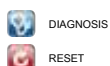
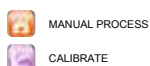


Hiace Commuter 2.5 Diesel Turbo [2005-2007], engine: 2KDFTV

Antitheft	WFS 9.12.1, Antitheft System						
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control						
Central computer	BC 9.12.1, Body computer						
Central computer	BC 9.12.2, Body computer						
Central computer	BC 9.12.3, Body computer						
Central computer	BCv 1.0, Body computer						
Wheel pressure control	RDK 1.0, Tire Pressure Monitoring System						
Steering	PWS 9.11.1, Electro-hydraulic steering system						
Steering	PWS 9.6.1, Electro-hydraulic steering system						
Brakes	ABS 1.0, Antilock braking system						
Brakes	ABS 8.0 VAR 2, Antilock braking system						
Instrument cluster	INS 9.12.1, Instrument cluster						
Instrument cluster	INS 9.12.2, Instrument cluster						
Electronic module	6K08, Seat occupancy identification system.						
Electronic module	Gateway 1.0, Gateway						
Electronic module	LS 9.12.1, Immobilizer, Steering column switch						
Electronic module	PDK 9.2.1, Parking help system						
Electronic module	TSG 9.2.1, Door module						
Electronic module	WL 9.12.2, Electric windows						
Engine	CR/EDC 2.5, Electronic diesel control, injection rail						
Engine	CR/EDC 3.0, Electronic diesel control, injection rail						
Safety	AB 1.0, Airbag						
Safety	AB 2.0, Airbag						
Safety	AB 3.0, Airbag						
Safety	Tempomat 9.12.1, Speed control system						
Safety	Tempomat 9.12.2, Speed control system						
Safety	Tempomat 9.12.3, Speed control system						
Safety	Tempomat 9.12.4, Speed control system						

Hiace Commuter 2.5 Diesel Turbo 4WD [2005-2007], engine: 2KDFTV

Antitheft	WFS 9.12.1, Antitheft System					
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control					

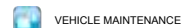
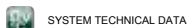
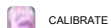
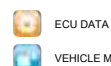
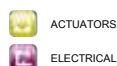
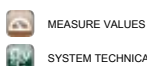
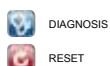
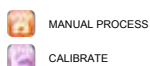




HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control						
Central computer	BC 9.12.1, Body computer						
Central computer	BC 9.12.2, Body computer						
Central computer	BC 9.12.3, Body computer						
Central computer	BCv 1.0, Body computer						
Wheel pressure control	RDK 1.0, Tire Pressure Monitoring System						
Steering	PWS 9.11.1, Electro-hydraulic steering system						
Steering	PWS 9.6.1, Electro-hydraulic steering system						
Brakes	ABS 8.0 VAR 2, Antilock braking system						
Instrument cluster	INS 9.12.1, Instrument cluster						
Instrument cluster	INS 9.12.2, Instrument cluster						
Electronic module	6K08, Seat occupancy identification system.						
Electronic module	Gateway 1.0, Gateway						
Electronic module	LS 9.12.1, Immobilizer, Steering column switch						
Electronic module	PDK 9.2.1, Parking help system						
Electronic module	TSG 9.2.1, Door module						
Electronic module	WL 9.12.2, Electric windows						
Engine	CR/EDC 3.0, Electronic diesel control, injection rail						
Safety	AB 1.0, Airbag						
Safety	AB 2.0, Airbag						
Safety	AB 3.0, Airbag						
Safety	Tempomat 9.12.1, Speed control system						
Safety	Tempomat 9.12.2, Speed control system						
Safety	Tempomat 9.12.3, Speed control system						
Safety	Tempomat 9.12.4, Speed control system						

Hiace Van 2.5 Diesel Turbo [2004-2007], engine: 2KDFTV

Antitheft	WFS 9.12.1, Antitheft System						
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control						
Brakes	ABS 1.0, Antilock braking system						
Brakes	ABS 8.0 VAR 2, Antilock braking system						
Brakes	ESP 1.0, Electronic stability control						
Electronic module	6K08, Seat occupancy identification system.						





Engine	CR/EDC 2.5, Electronic diesel control, injection rail				
Safety	AB 1.0, Airbag				
Safety	AB 2.0, Airbag				
Safety	AB 3.0, Airbag				

Hiace Van 2.5 Diesel Turbo 4WD [2004-2007], engine: 2KDFTV

Antitheft	WFS 9.12.1, Antitheft System					
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control					
Central computer	BC 9.12.1, Body computer					
Central computer	BC 9.12.2, Body computer					
Central computer	BC 9.12.3, Body computer					
Central computer	BCv 1.0, Body computer					
Wheel pressure control	RDK 1.0, Tire Pressure Monitoring System					
Steering	PWS 9.11.1, Electro-hydraulic steering system					
Steering	PWS 9.6.1, Electro-hydraulic steering system					
Brakes	ABS 1.0, Antilock braking system					
Brakes	ABS 8.0 VAR 2, Antilock braking system					
Brakes	ESP 1.0, Electronic stability control					
Instrument cluster	INS 9.12.1, Instrument cluster					
Instrument cluster	INS 9.12.2, Instrument cluster					
Electronic module	6K08, Seat occupancy identification system.					
Electronic module	Gateway 1.0, Gateway					
Electronic module	LS 9.12.1, Immobilizer, Steering column switch					
Electronic module	PDK 9.2.1, Parking help system					
Electronic module	TSG 9.2.1, Door module					
Electronic module	WL 9.12.2, Electric windows					
Engine	CR/EDC 3.0, Electronic diesel control, injection rail					
Safety	AB 1.0, Airbag					
Safety	AB 2.0, Airbag					
Safety	AB 3.0, Airbag					
Safety	Tempomat 9.12.1, Speed control system					
Safety	Tempomat 9.12.2, Speed control system					
Safety	Tempomat 9.12.3, Speed control system					
Safety	Tempomat 9.12.4, Speed control system					

Hiace Van 3.0 Diesel Turbo [1995-2004], engine: 1KZTE

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



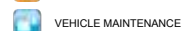
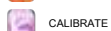
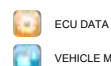
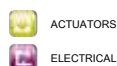
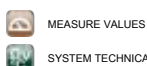
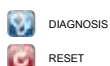
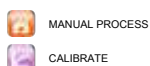
Antitheft	WFS 9.12.1, Antitheft System	
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control	
Brakes	ABS 1.0, Antilock braking system	

Hiace Van 3.0 Diesel Turbo [2005-...], engine: 1KDFTV

Antitheft	WFS 9.12.1, Antitheft System	
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control	
Brakes	ABS 8.0 VAR 2, Antilock braking system	
Electronic module	6K08, Seat occupancy identification system.	
Engine	CR/EDC 2.5, Electronic diesel control, injection rail	
Engine	CR/EDC 3.0, Electronic diesel control, injection rail	
Safety	AB 1.0, Airbag	
Safety	AB 2.0, Airbag	
Safety	AB 3.0, Airbag	

Hiace Van 3.0 Diesel Turbo [2007-...], engine: 1KDFTV

Antitheft	WFS 9.12.1, Antitheft System	
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control	
Brakes	ABS 1.0, Antilock braking system	
Brakes	ABS 8.0 VAR 2, Antilock braking system	
Electronic module	6K08, Seat occupancy identification system.	
Engine	CR/EDC 3.0, Electronic diesel control, injection rail	
Safety	AB 1.0, Airbag	
Safety	AB 2.0, Airbag	
Safety	AB 3.0, Airbag	





Hiace Van 3.0 Diesel Turbo 4WD [1995-1999], engine: 1KZTE

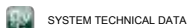
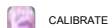
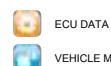
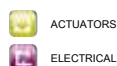
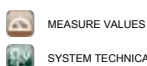
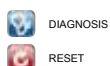
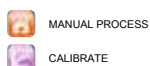
Brakes	ABS 1.0, Antilock braking system				
Brakes	ESP 1.0, Electronic stability control				

Hiace Van 3.0 Diesel Turbo 4WD [2007-...], engine: 1KDFTV

Antitheft	WFS 9.12.1, Antitheft System				
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control				
Brakes	ABS 1.0, Antilock braking system				
Brakes	ABS 8.0 VAR 2, Antilock braking system				
Electronic module	6K08, Seat occupancy identification system.				
Engine	CR/EDC 3.0, Electronic diesel control, injection rail				
Safety	AB 1.0, Airbag				
Safety	AB 2.0, Airbag				
Safety	AB 3.0, Airbag				

Land Cruiser 4.5 4x4 [2007-...], engine: 1VDFTV

Antitheft	WFS 9.12.1, Antitheft System				
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control				
Central computer	BC 9.12.1, Body computer				
Central computer	BC 9.12.2, Body computer				
Central computer	BC 9.12.3, Body computer				
Central computer	BCv 1.0, Body computer				
Wheel pressure control	RDK 1.0, Tire Pressure Monitoring System				
Steering	PWS 9.11.1, Electro-hydraulic steering system				
Steering	PWS 9.6.1, Electro-hydraulic steering system				
Brakes	ABS 1.0, Antilock braking system				
Brakes	ABS 8.0 VAR 2, Antilock braking system				
Instrument cluster	INS 9.12.1, Instrument cluster				
Instrument cluster	INS 9.12.2, Instrument cluster				
Electronic module	6K08, Seat occupancy identification system.				
Electronic module	Gateway 1.0, Gateway				



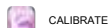
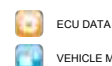
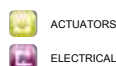
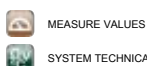
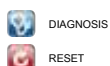
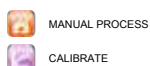


Electronic module	LS 9.12.1, Immobilizer, Steering column switch		
Electronic module	PDK 9.2.1, Parking help system		
Electronic module	TSG 9.2.1, Door module		
Electronic module	WL 9.12.2, Electric windows		
Engine	CR/EDC 3.0, Electronic diesel control, injection rail		
Safety	AB 2.0, Airbag		
Safety	Tempomat 9.12.1, Speed control system		
Safety	Tempomat 9.12.2, Speed control system		
Safety	Tempomat 9.12.3, Speed control system		
Safety	Tempomat 9.12.4, Speed control system		

Liteace Truck 2.2 Diesel [1999-2004], engine: 3CE

Antitheft	WFS 9.12.1, Antitheft System		
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control		
Central computer	BC 9.12.1, Body computer		
Central computer	BC 9.12.2, Body computer		
Central computer	BC 9.12.3, Body computer		
Central computer	BCv 1.0, Body computer		
Wheel pressure control	RDK 1.0, Tire Pressure Monitoring System		
Steering	PWS 9.11.1, Electro-hydraulic steering system		
Steering	PWS 9.6.1, Electro-hydraulic steering system		
Brakes	ABS 1.0, Antilock braking system		
Brakes	ESP 1.0, Electronic stability control		
Instrument cluster	INS 9.12.1, Instrument cluster		
Instrument cluster	INS 9.12.2, Instrument cluster		
Electronic module	Gateway 1.0, Gateway		
Electronic module	LS 9.12.1, Immobilizer, Steering column switch		
Electronic module	PDK 9.2.1, Parking help system		
Electronic module	TSG 9.2.1, Door module		
Electronic module	WL 9.12.2, Electric windows		
Safety	Tempomat 9.12.1, Speed control system		
Safety	Tempomat 9.12.2, Speed control system		
Safety	Tempomat 9.12.3, Speed control system		
Safety	Tempomat 9.12.4, Speed control system		

Liteace Truck 2.2 Diesel 4x4 [1999-2004], engine: 3CE

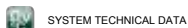
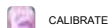
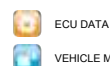
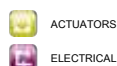
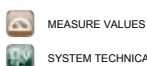
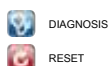
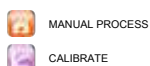




Antitheft	WFS 9.12.1, Antitheft System						
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control						
Central computer	BC 9.12.1, Body computer						
Central computer	BC 9.12.2, Body computer						
Central computer	BC 9.12.3, Body computer						
Central computer	BCv 1.0, Body computer						
Wheel pressure control	RDK 1.0, Tire Pressure Monitoring System						
Steering	PWS 9.11.1, Electro-hydraulic steering system						
Steering	PWS 9.6.1, Electro-hydraulic steering system						
Brakes	ABS 1.0, Antilock braking system						
Brakes	ESP 1.0, Electronic stability control						
Instrument cluster	INS 9.12.1, Instrument cluster						
Instrument cluster	INS 9.12.2, Instrument cluster						
Electronic module	Gateway 1.0, Gateway						
Electronic module	LS 9.12.1, Immobilizer, Steering column switch						
Electronic module	PDK 9.2.1, Parking help system						
Electronic module	TSG 9.2.1, Door module						
Electronic module	WL 9.12.2, Electric windows						
Safety	Tempomat 9.12.1, Speed control system						
Safety	Tempomat 9.12.2, Speed control system						
Safety	Tempomat 9.12.3, Speed control system						
Safety	Tempomat 9.12.4, Speed control system						

Liteace Van 2.2 Diesel [1998-2004], engine: 3CE

Antitheft	WFS 9.12.1, Antitheft System						
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control						
Central computer	BC 9.12.1, Body computer						
Central computer	BC 9.12.2, Body computer						
Central computer	BC 9.12.3, Body computer						
Central computer	BCv 1.0, Body computer						
Wheel pressure control	RDK 1.0, Tire Pressure Monitoring System						

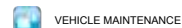
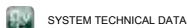
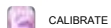
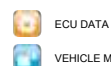
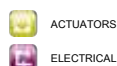
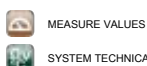
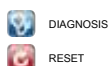
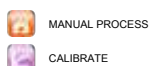




Steering	PWS 9.11.1, Electro-hydraulic steering system					
Steering	PWS 9.6.1, Electro-hydraulic steering system					
Brakes	ABS 1.0, Antilock braking system					
Brakes	ESP 1.0, Electronic stability control					
Instrument cluster	INS 9.12.1, Instrument cluster					
Instrument cluster	INS 9.12.2, Instrument cluster					
Electronic module	6K08, Seat occupancy identification system.					
Electronic module	Gateway 1.0, Gateway					
Electronic module	LS 9.12.1, Immobilizer, Steering column switch					
Electronic module	PDK 9.2.1, Parking help system					
Electronic module	TSG 9.2.1, Door module					
Electronic module	WL 9.12.2, Electric windows					
Safety	AB 1.0, Airbag					
Safety	AB 2.0, Airbag					
Safety	AB 3.0, Airbag					
Safety	Tempomat 9.12.1, Speed control system					
Safety	Tempomat 9.12.2, Speed control system					
Safety	Tempomat 9.12.3, Speed control system					
Safety	Tempomat 9.12.4, Speed control system					

Liteace Van 2.2 Diesel 4x4 [1998-2004], engine: 3CE

Antitheft	WFS 9.12.1, Antitheft System					
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control					
Central computer	BC 9.12.1, Body computer					
Central computer	BC 9.12.2, Body computer					
Central computer	BC 9.12.3, Body computer					
Central computer	BCv 1.0, Body computer					
Wheel pressure control	RDK 1.0, Tire Pressure Monitoring System					
Steering	PWS 9.11.1, Electro-hydraulic steering system					
Steering	PWS 9.6.1, Electro-hydraulic steering system					
Brakes	ABS 1.0, Antilock braking system					
Brakes	ESP 1.0, Electronic stability control					
Instrument cluster	INS 9.12.1, Instrument cluster					
Instrument cluster	INS 9.12.2, Instrument cluster					
Electronic module	6K08, Seat occupancy identification system.					
Electronic module	Gateway 1.0, Gateway					

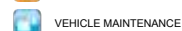
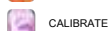
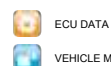
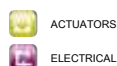
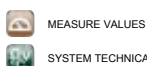
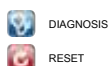
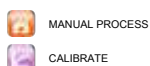




Electronic module	LS 9.12.1, Immobilizer, Steering column switch		
Electronic module	PDK 9.2.1, Parking help system		
Electronic module	TSG 9.2.1, Door module		
Electronic module	WL 9.12.2, Electric windows		
Safety	AB 1.0, Airbag		
Safety	AB 2.0, Airbag		
Safety	AB 3.0, Airbag		
Safety	Tempomat 9.12.1, Speed control system		
Safety	Tempomat 9.12.2, Speed control system		
Safety	Tempomat 9.12.3, Speed control system		
Safety	Tempomat 9.12.4, Speed control system		

Quantum 2.5 D-4D [2005-...], engine: 2KDFTV

Antitheft	WFS 9.12.1, Antitheft System		
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control		
Central computer	BC 9.12.1, Body computer		
Central computer	BC 9.12.2, Body computer		
Central computer	BC 9.12.3, Body computer		
Central computer	BCv 1.0, Body computer		
Wheel pressure control	RDk 1.0, Tire Pressure Monitoring System		
Steering	PWS 9.11.1, Electro-hydraulic steering system		
Steering	PWS 9.6.1, Electro-hydraulic steering system		
Brakes	ABS 8.0 VAR 2, Antilock braking system		
Instrument cluster	INS 9.12.1, Instrument cluster		
Instrument cluster	INS 9.12.2, Instrument cluster		
Electronic module	6K08, Seat occupancy identification system.		
Electronic module	Gateway 1.0, Gateway		
Electronic module	LS 9.12.1, Immobilizer, Steering column switch		
Electronic module	PDK 9.2.1, Parking help system		
Electronic module	TSG 9.2.1, Door module		
Electronic module	WL 9.12.2, Electric windows		
Engine	CR/EDC 2.5, Electronic diesel control, injection rail		
Safety	AB 1.0, Airbag		
Safety	AB 2.0, Airbag		
Safety	AB 3.0, Airbag		
Safety	Tempomat 9.12.1, Speed control system		





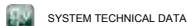
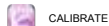
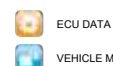
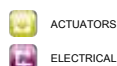
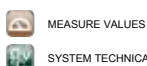
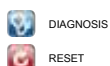
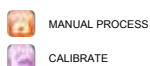
Safety	Tempomat 9.12.2, Speed control system				
Safety	Tempomat 9.12.3, Speed control system				
Safety	Tempomat 9.12.4, Speed control system				

Townace Truck 2.2 Diesel [1999-2004], engine: 3CE

Antitheft	WFS 9.12.1, Antitheft System					
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control					
Central computer	BC 9.12.1, Body computer					
Central computer	BC 9.12.2, Body computer					
Central computer	BC 9.12.3, Body computer					
Central computer	BCv 1.0, Body computer					
Wheel pressure control	RDK 1.0, Tire Pressure Monitoring System					
Steering	PWS 9.11.1, Electro-hydraulic steering system					
Steering	PWS 9.6.1, Electro-hydraulic steering system					
Brakes	ABS 1.0, Antilock braking system					
Brakes	ESP 1.0, Electronic stability control					
Instrument cluster	INS 9.12.1, Instrument cluster					
Instrument cluster	INS 9.12.2, Instrument cluster					
Electronic module	6K08, Seat occupancy identification system.					
Electronic module	Gateway 1.0, Gateway					
Electronic module	LS 9.12.1, Immobilizer, Steering column switch					
Electronic module	PDK 9.2.1, Parking help system					
Electronic module	TSG 9.2.1, Door module					
Electronic module	WL 9.12.2, Electric windows					
Safety	AB 1.0, Airbag					
Safety	AB 2.0, Airbag					
Safety	AB 3.0, Airbag					
Safety	Tempomat 9.12.1, Speed control system					
Safety	Tempomat 9.12.2, Speed control system					
Safety	Tempomat 9.12.3, Speed control system					
Safety	Tempomat 9.12.4, Speed control system					

Townace Van 2.2 Diesel [1998-2004], engine: 3CE

Antitheft	WFS 9.12.1, Antitheft System					
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control					





HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control					
Central computer	BC 9.12.1, Body computer					
Central computer	BC 9.12.2, Body computer					
Central computer	BC 9.12.3, Body computer					
Central computer	BCv 1.0, Body computer					
Wheel pressure control	RDK 1.0, Tire Pressure Monitoring System					
Steering	PWS 9.11.1, Electro-hydraulic steering system					
Steering	PWS 9.6.1, Electro-hydraulic steering system					
Brakes	ABS 1.0, Antilock braking system					
Brakes	ESP 1.0, Electronic stability control					
Instrument cluster	INS 9.12.1, Instrument cluster					
Instrument cluster	INS 9.12.2, Instrument cluster					
Electronic module	6K08, Seat occupancy identification system.					
Electronic module	Gateway 1.0, Gateway					
Electronic module	LS 9.12.1, Immobilizer, Steering column switch					
Electronic module	PDK 9.2.1, Parking help system					
Electronic module	TSG 9.2.1, Door module					
Electronic module	WL 9.12.2, Electric windows					
Safety	AB 1.0, Airbag					
Safety	AB 2.0, Airbag					
Safety	AB 3.0, Airbag					
Safety	Tempomat 9.12.1, Speed control system					
Safety	Tempomat 9.12.2, Speed control system					
Safety	Tempomat 9.12.3, Speed control system					
Safety	Tempomat 9.12.4, Speed control system					

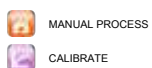
Townace Van 2.2 Diesel 4WD [1998-2004], engine: 3CE

Antitheft	WFS 9.12.1, Antitheft System					
HVAC (Heating, Ventilating and Air Conditioning)	A/C 9.12.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 9.12.2, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	Klima 9.12.1, Climate control					
Central computer	BC 9.12.1, Body computer					
Central computer	BC 9.12.2, Body computer					
Central computer	BC 9.12.3, Body computer					
Central computer	BCv 1.0, Body computer					

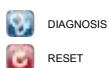
MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



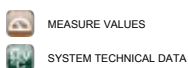
Wheel pressure control	RDK 1.0, Tire Pressure Monitoring System						
Steering	PWS 9.11.1, Electro-hydraulic steering system						
Steering	PWS 9.6.1, Electro-hydraulic steering system						
Brakes	ABS 1.0, Antilock braking system						
Brakes	ESP 1.0, Electronic stability control						
Instrument cluster	INS 9.12.1, Instrument cluster						
Instrument cluster	INS 9.12.2, Instrument cluster						
Electronic module	6K08, Seat occupancy identification system.						
Electronic module	Gateway 1.0, Gateway						
Electronic module	LS 9.12.1, Immobilizer, Steering column switch						
Electronic module	PDK 9.2.1, Parking help system						
Electronic module	TSG 9.2.1, Door module						
Electronic module	WL 9.12.2, Electric windows						
Safety	AB 1.0, Airbag						
Safety	AB 2.0, Airbag						
Safety	AB 3.0, Airbag						
Safety	Tempomat 9.12.1, Speed control system						
Safety	Tempomat 9.12.2, Speed control system						
Safety	Tempomat 9.12.3, Speed control system						
Safety	Tempomat 9.12.4, Speed control system						



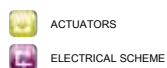
MANUAL PROCESS



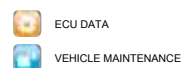
DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



Movano 1.9 D [1999-2001], engine: F9Q-770

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Safety	AB 3X, Airbag							

Movano 1.9 DTI [2001-2005], engine: F9Q-772

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	EDC 15C3, Electronic Diesel Control							
Safety	AB 3X, Airbag							

Movano 1.9 DTI [2001-2005], engine: F9Q-774

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	EDC 15C13, Electronic Diesel Control							
Safety	AB 3X, Airbag							

Movano 2.2 DTI [2001-2005], engine: G9T-720

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	EDC 15C3, Electronic Diesel Control							
Safety	AB 3X, Airbag							

Movano 2.2 DTI [2002-2005], engine: G9T-722

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	EDC 15C3, Electronic Diesel Control							
Safety	AB 3X, Airbag							

Movano 2.2 DTI [2002-2005], engine: G9T-750

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	EDC 15C13, Electronic Diesel Control							
Safety	AB 3X, Airbag							

Movano 2.5 D [1998-2005], engine: S8U-772

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Safety	AB 3X, Airbag							

Movano 2.5 DTI [2001-2007], engine: G9U-...

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	EDC 15C3, Electronic Diesel Control							
Safety	AB 3X, Airbag							

Movano 2.5 DTI [2003-2007], engine: G9U-724

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	EDC 15C3, Electronic Diesel Control							
Safety	AB 3X, Airbag							

Movano 2.5 DTI [2004-2010], engine: G9U-...

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	EDC 15C13, Electronic Diesel Control							
Safety	AB 3X, Airbag							

Movano 2.5 DTI [2006-2010], engine: G9U-...

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	EDC 15C13, Electronic Diesel Control							
Engine	EDC 15C3, Electronic Diesel Control							
Safety	AB 3X, Airbag							

Movano 2.5 DTI [2006-2010], engine: G9U-632

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Engine	CR/EDC 16C36, Electronic Diesel Control							
Safety	AB 3X, Airbag							

Movano 2.8 DTI [1998-2001], engine: S9W-702

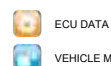
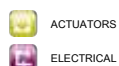
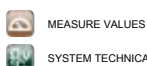
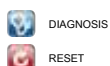
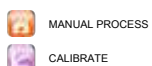
Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Safety	AB 3X, Airbag							

Movano 2.8 DTI [1998-2005], engine: S9W-700

Brakes	ABS 430 VAR1, Antilock braking system							
Brakes	ESP 430 VAR1, Electronic stability control							
Safety	AB 3X, Airbag							

Movano 3.0 DTI [2003-2005], engine: ZD3-...

Brakes	ABS 430 VAR1, Antilock braking system					
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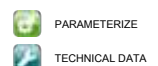
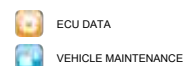
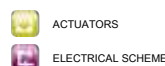
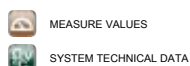
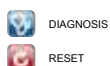
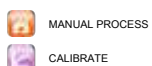
Brakes	ESP 430 VAR1, Electronic stability control	
Engine	EDC 16 C3, Electronic Diesel Control	
Safety	AB 3X, Airbag	

Vivaro 1.9 DI [2001-2006], engine: F9Q-762

Brakes	ABS 430 VAR1, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	
Instrument cluster	Info Display 3.1, Instrument cluster - display	
Instrument cluster	Info Display3 3.0, Instrument cluster - display	
Electronic module	CD-Control 1.0, CD Control	
Electronic module	CD-Control 2.0, CD Control	
Engine	EDC 15C13, Electronic Diesel Control	
Engine	EDC 15C3, Electronic Diesel Control	
Radio	Audio 1.1, Audio system	
Radio	Audio 1.2, Audio system	
Radio	Audio 1.4, Audio system	
Safety	AB 3X, Airbag	
Telematic	Audio / Telematic 2.0, Audio system	
Telematic	Navigation System 2.0, Browser	
Telematic	Navigation System 3.0, Browser	
Telematic	Telephone 1.0, Emergency phone	

Vivaro 1.9 DTI [2001-2006], engine: F9Q-760

Brakes	ABS 430 VAR1, Antilock braking system	
Brakes	ESP 430 VAR1, Electronic stability control	
Instrument cluster	Info Display 3.1, Instrument cluster - display	
Instrument cluster	Info Display3 3.0, Instrument cluster - display	
Electronic module	CD-Control 1.0, CD Control	
Electronic module	CD-Control 2.0, CD Control	
Engine	EDC 15C13, Electronic Diesel Control	
Engine	EDC 15C3, Electronic Diesel Control	
Radio	Audio 1.1, Audio system	
Radio	Audio 1.2, Audio system	
Radio	Audio 1.4, Audio system	
Safety	AB 3X, Airbag	
Telematic	Audio / Telematic 2.0, Audio system	
Telematic	Navigation System 1.0, Browser	
Telematic	Navigation System 2.0, Browser	
Telematic	Navigation System 3.0, Browser	
Telematic	Telephone 1.0, Emergency phone	





Vivaro 2.5 CDTI [2006-...], engine: G9U-630

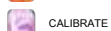
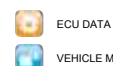
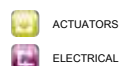
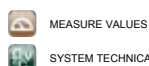
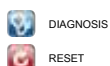
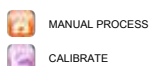
Brakes	ABS 430 VAR1, Antilock braking system								
Brakes	ESP 430 VAR1, Electronic stability control								
Instrument cluster	Info Display 4.1, Instrument cluster - display								
Engine	CR/EDC 16C36, Electronic Diesel Control								
Radio	Audio 1.1, Audio system								
Radio	Audio 4.1, Audio system								
Safety	AB 3X, Airbag								
Telematic	Navigation System 4.1, Browser								

Vivaro 2.5 CDTI [2006-2008], engine: G9U-630

Brakes	ABS 430 VAR1, Antilock braking system								
Brakes	ESP 430 VAR1, Electronic stability control								
Instrument cluster	Info Display 3.1, Instrument cluster - display								
Instrument cluster	Info Display 4.1, Instrument cluster - display								
Instrument cluster	Info Display3 3.0, Instrument cluster - display								
Electronic module	CD-System 2.0, CD Control								
Engine	CR/EDC 16C36, Electronic Diesel Control								
Radio	Audio 1.1, Audio system								
Radio	Audio 1.2, Audio system								
Radio	Audio 4.1, Audio system								
Safety	AB 3X, Airbag								
Telematic	Audio / Telematic 2.0, Audio system								
Telematic	Navigation System 1.0, Browser								
Telematic	Navigation System 2.0, Browser								
Telematic	Navigation System 3.0, Browser								
Telematic	Navigation System 4.1, Browser								
Telematic	Telephone 1.0, Emergency phone								

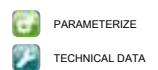
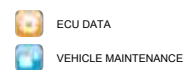
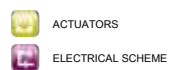
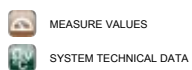
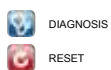
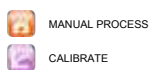
Vivaro 2.5 DTI [2004-2006], engine: G9U-730

Brakes	ABS 430 VAR1, Antilock braking system								
Brakes	ESP 430 VAR1, Electronic stability control								
Instrument cluster	Info Display 3.1, Instrument cluster - display								
Instrument cluster	Info Display3 3.0, Instrument cluster - display								
Electronic module	CD-Control 1.0, CD Control								
Electronic module	CD-Control 2.0, CD Control								
Engine	EDC 15C13, Electronic Diesel Control								
Engine	EDC 15C3, Electronic Diesel Control								
Radio	Audio 1.1, Audio system								
Radio	Audio 1.2, Audio system								
Radio	Audio 1.4, Audio system								





Safety	AB 3X, Airbag				
Telematic	Audio / Telematic 2.0, Audio system				
Telematic	Navigation System 1.0, Browser				
Telematic	Navigation System 2.0, Browser				
Telematic	Navigation System 3.0, Browser				
Telematic	Telephone 1.0, Emergency phone				





CADDY II [95-2003]



Antitheft	Inmo, Immobilizer Control Unit				
Gearbox	TU, Automatic transmission				
Brakes	ABS, Antilock braking system				
Engine	EDC, Engine management system				
Safety	AIRBAG, Airbag				

CADDY III [2003-...]

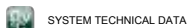
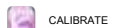
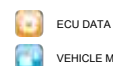
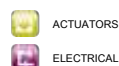
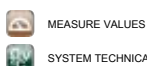
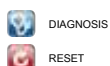
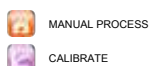
Antitheft	Inmo, Immobilizer Control Unit				
Gearbox	TU, Automatic transmission				
HVAC (Heating, Ventilating and Air Conditioning)	Auxiliary heating, Auxiliary heater				
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control				
Brakes	ABS, Antilock braking system				
Instrument cluster	CAN, CAN lines				
Instrument cluster	INS, Instrument cluster				
Electronic module	AWD, Four-wheel Drive				
Electronic module	CS, Comfort system				
Electronic module	LDM, Left side door				
Electronic module	PS, Parking help system				
Electronic module	RDM, Right side door				
Electronic module	Sound system, Audio system				
Electronic module	TV, Television				
Electronic module	VCU, Vehicle Electronic Control Unit				
Engine	EDC, Engine management system				
Engine	EM, Engine Management System (Gasoline)				
Radio	AUDIO, Radio				
Safety	AIRBAG, Airbag				
Telematic	Phone, Telephone				

California T4 1.9 Diesel [1990-1997], engine: 1X

Safety	AB 3, Airbag				
Safety	AB I, Airbag				

California T4 1.9 Diesel Turbo [1992-2003], engine: ABL

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				





HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control					
Electronic module	CAN Bus, Communication interfaz					
Electronic module	Navigation System, Browser					
Electronic module	ZV, Central locking system					
Radio	Radio, Radio					
Safety	AB 3, Airbag					
Safety	AB II, Airbag					

California T4 2.4 Diesel [1990-1998], engine: AAB

HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control					
Safety	AB 3, Airbag					
Safety	AB II, Airbag					

California T4 2.4 Diesel [1997-2003], engine: AJA

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control					
Electronic module	CAN Bus, Communication interfaz					
Electronic module	Navigation System, Browser					
Electronic module	ZV, Central locking system					
Radio	Radio, Radio					
Safety	AB 3, Airbag					

California T4 2.4 Syncro Diesel [1992-1998], engine: AAB

HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control					
Safety	AB 3, Airbag					
Safety	AB I, Airbag					

California T4 2.5 TDI [1995-2003], engine: ACV

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control					

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Electronic module	CAN Bus, Communication interfaz		
Electronic module	Navigation System, Browser		
Electronic module	ZV, Central locking system		
Radio	Radio, Radio		
Safety	AB 3, Airbag		
Safety	AB II, Airbag		

California T4 2.5 TDI [1998-2000], engine: AHY

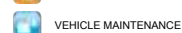
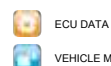
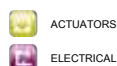
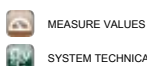
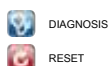
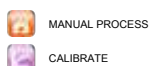
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control		
Electronic module	CAN Bus, Communication interfaz		
Electronic module	Navigation System, Browser		
Electronic module	ZV, Central locking system		
Radio	Radio, Radio		
Safety	AB 3, Airbag		

California T4 2.5 TDI [1998-2003], engine: AJT

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control		
Electronic module	CAN Bus, Communication interfaz		
Electronic module	Navigation System, Browser		
Electronic module	ZV, Central locking system		
Radio	Radio, Radio		
Safety	AB 3, Airbag		
Safety	AB III, Airbag		

California T4 2.5 TDI [1999-2003], engine: AUF

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control		
Electronic module	CAN Bus, Communication interfaz		
Electronic module	Navigation System, Browser		





Electronic module	ZV, Central locking system			
Radio	Radio, Radio			
Safety	AB 3, Airbag			

California T4 2.5 TDI [2000-2003], engine: AXG

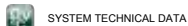
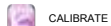
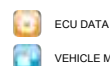
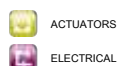
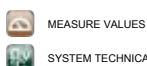
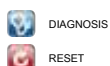
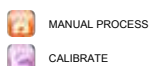
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control				
Electronic module	CAN Bus, Communication interfaz				
Electronic module	Navigation System, Browser				
Electronic module	ZV, Central locking system				
Radio	Radio, Radio				
Safety	AB 3, Airbag				

California T4 2.5 TDI [2001-2003], engine: AYC

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control				
Electronic module	CAN Bus, Communication interfaz				
Electronic module	Navigation System, Browser				
Electronic module	ZV, Central locking system				
Radio	Radio, Radio				
Safety	AB 3, Airbag				

California T4 2.5 TDI [2001-2003], engine: AYY

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control			
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control			
Electronic module	CAN Bus, Communication interfaz			
Electronic module	Navigation System, Browser			
Electronic module	ZV, Central locking system			
Radio	Radio, Radio			
Safety	AB 3, Airbag			





California T4 2.5 TDI Syncro [1998-2003], engine: ACV

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control					
Electronic module	CAN Bus, Communication interfaz					
Electronic module	Navigation System, Browser					
Electronic module	ZV, Central locking system					
Radio	Radio, Radio					
Safety	AB 3, Airbag					
Safety	AB III, Airbag					

California T4 2.5 TDI Syncro [2001-2003], engine: AXL

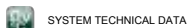
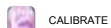
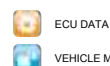
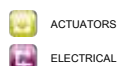
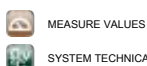
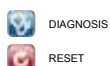
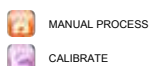
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control					
Electronic module	CAN Bus, Communication interfaz					
Electronic module	Navigation System, Browser					
Electronic module	ZV, Central locking system					
Radio	Radio, Radio					
Safety	AB 3, Airbag					

California T5 1.9 TDI [2003-2009], engine: AXB

Gearbox	GS 09G/K/M, Automatic gearbox					
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control					
Central computer	BC 2.0, Body computer					
Electronic module	CAN Bus, Communication interfaz					
Engine	EDC 16U1, Electronic Diesel Control					
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control					
Safety	AB 5, Airbag					
Safety	AB 6, Airbag					

California T5 1.9 TDI [2003-2009], engine: AXC

Gearbox	GS 09G/K/M, Automatic gearbox				
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HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1, Electronic Diesel Control	
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control	
Safety	AB 5, Airbag	
Safety	AB 6, Airbag	

California T5 1.9 TDI [2006-2009], engine: BRR

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U31, Electronic Diesel Control	
Safety	AB 6, Airbag	

California T5 1.9 TDI [2006-2009], engine: BRS

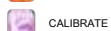
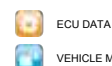
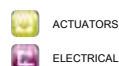
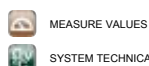
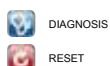
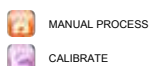
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U31, Electronic Diesel Control	
Safety	AB 6, Airbag	

California T5 2.0 TDI [2009-...], engine: CAAA

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	CU 3.0, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	CU 4.0, Climate control	
Instrument cluster	INS 4.0, Instrument cluster	
Maintenance	Service 4.0, Maintenance system	
Electronic module	Gateway 3.0, Gateway	
Radio	Audio 3.0, Audio system	
Safety	AB 10U, Airbag	

California T5 2.0 TDI [2009-...], engine: CAAB

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
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HVAC (Heating, Ventilating and Air Conditioning)	CU 3.0, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	CU 4.0, Climate control	
Instrument cluster	INS 4.0, Instrument cluster	
Maintenance	Service 4.0, Maintenance system	
Electronic module	Gateway 3.0, Gateway	
Radio	Audio 3.0, Audio system	
Safety	AB 10U, Airbag	

California T5 2.0 TDI [2009-...], engine: CAAC

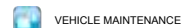
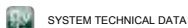
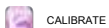
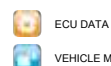
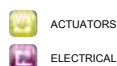
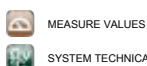
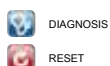
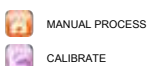
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	CU 3.0, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	CU 4.0, Climate control	
Instrument cluster	INS 4.0, Instrument cluster	
Maintenance	Service 4.0, Maintenance system	
Electronic module	Gateway 3.0, Gateway	
Radio	Audio 3.0, Audio system	
Safety	AB 10U, Airbag	

California T5 2.0 TDI [2009-...], engine: CFCA

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	CU 3.0, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	CU 4.0, Climate control	
Instrument cluster	INS 4.0, Instrument cluster	
Maintenance	Service 4.0, Maintenance system	
Electronic module	Gateway 3.0, Gateway	
Radio	Audio 3.0, Audio system	
Safety	AB 10U, Airbag	

California T5 2.5 TDI [2003-2009], engine: AXD

Gearbox	GS 09G/K/M, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	





Electronic module	CAN Bus, Communication interfaz		
Engine	EDC 16U1, Electronic Diesel Control		
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control		
Safety	AB 5, Airbag		
Safety	AB 6, Airbag		

California T5 2.5 TDI [2003-2009], engine: AXE

Gearbox	GS 09G/K/M, Automatic gearbox		
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control		
Central computer	BC 2.0, Body computer		
Electronic module	CAN Bus, Communication interfaz		
Engine	EDC 16U1, Electronic Diesel Control		
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control		
Safety	AB 5, Airbag		
Safety	AB 6, Airbag		

California T5 2.5 TDI [2003-2009], engine: BLJ

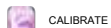
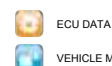
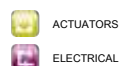
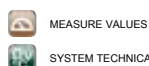
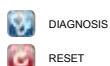
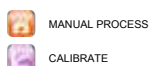
Gearbox	GS 09G/K/M, Automatic gearbox		
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control		
Central computer	BC 2.0, Body computer		
Electronic module	CAN Bus, Communication interfaz		
Engine	EDC 16U1, Electronic Diesel Control		
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control		
Safety	AB 5, Airbag		
Safety	AB 6, Airbag		

California T5 2.5 TDI [2006-2009], engine: BNZ

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control		
Central computer	BC 2.0, Body computer		
Electronic module	CAN Bus, Communication interfaz		
Engine	EDC 16U31, Electronic Diesel Control		
Safety	AB 6, Airbag		

California T5 2.5 TDI [2006-2009], engine: BPC

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control		
Central computer	BC 2.0, Body computer		
Electronic module	CAN Bus, Communication interfaz		





Engine	EDC 16U31, Electronic Diesel Control	
Safety	AB 6, Airbag	

California T5 2.5 TDI 4 Motion [2004-2009], engine: AXD

Gearbox	GS 09G/K/M, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1, Electronic Diesel Control	
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control	
Safety	AB 5, Airbag	
Safety	AB 6, Airbag	

California T5 2.5 TDI 4 Motion [2004-2009], engine: AXE

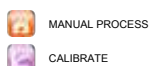
Gearbox	GS 09G/K/M, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1, Electronic Diesel Control	
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control	
Safety	AB 5, Airbag	
Safety	AB 6, Airbag	

California T5 2.5 TDI 4 Motion [2006-2009], engine: BNZ

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U31, Electronic Diesel Control	
Safety	AB 6, Airbag	

California T5 2.5 TDI 4 Motion [2006-2009], engine: BPC

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U31, Electronic Diesel Control	
Safety	AB 6, Airbag	



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



Caravelle T4 1.9 Diesel [1990-1997], engine: 1X

HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
Safety	AB 3, Airbag				
Safety	AB I, Airbag				

Caravelle T4 1.9 Diesel Turbo [1992-2003], engine: ABL

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control				
Electronic module	CAN Bus, Communication interfaz				
Electronic module	Navigation System, Browser				
Electronic module	ZV, Central locking system				
Radio	Radio, Radio				
Safety	AB 3, Airbag				
Safety	AB II, Airbag				

Caravelle T4 2.4 Diesel [1990-1998], engine: AAB

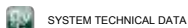
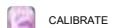
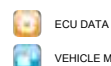
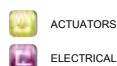
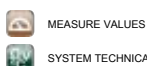
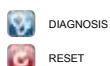
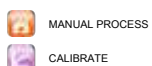
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
Safety	AB 3, Airbag				
Safety	AB II, Airbag				

Caravelle T4 2.4 Diesel [1997-2003], engine: AJA

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
Electronic module	CAN Bus, Communication interfaz				
Electronic module	Navigation System, Browser				
Electronic module	ZV, Central locking system				
Radio	Radio, Radio				
Safety	AB 3, Airbag				

Caravelle T4 2.4 Syncro Diesel [1992-1998], engine: AAB

HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
Safety	AB 3, Airbag				





Safety

AB I, Airbag



Caravelle T4 2.5 TDI [1995-2003], engine: ACV

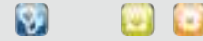
HVAC (Heating, Ventilating and Air Conditioning)

A/C, Climate control



HVAC (Heating, Ventilating and Air Conditioning)

CU 1.0, Climate control



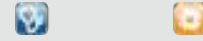
HVAC (Heating, Ventilating and Air Conditioning)

CU, Climate control



Electronic module

CAN Bus, Communication interfaz



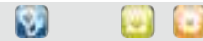
Electronic module

Navigation System, Browser



Electronic module

ZV, Central locking system



Radio

Radio, Radio



Safety

AB 3, Airbag



Safety

AB II, Airbag



Caravelle T4 2.5 TDI [1998-2000], engine: AHY

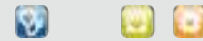
HVAC (Heating, Ventilating and Air Conditioning)

A/C, Climate control



HVAC (Heating, Ventilating and Air Conditioning)

CU 1.0, Climate control



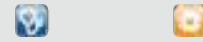
HVAC (Heating, Ventilating and Air Conditioning)

CU, Climate control



Electronic module

CAN Bus, Communication interfaz



Electronic module

Navigation System, Browser



Electronic module

ZV, Central locking system



Radio

Radio, Radio



Safety

AB 3, Airbag



Safety

AB III, Airbag



Caravelle T4 2.5 TDI [1998-2003], engine: AJT

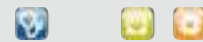
HVAC (Heating, Ventilating and Air Conditioning)

A/C, Climate control



HVAC (Heating, Ventilating and Air Conditioning)

CU 1.0, Climate control



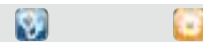
HVAC (Heating, Ventilating and Air Conditioning)

CU, Climate control



Electronic module

CAN Bus, Communication interfaz



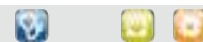
Electronic module

Navigation System, Browser



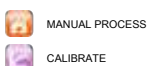
Electronic module

ZV, Central locking system



Radio

Radio, Radio



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



Safety	AB 3, Airbag	
Safety	AB III, Airbag	

Caravelle T4 2.5 TDI [1999-2003], engine: AUF

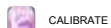
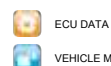
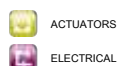
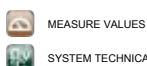
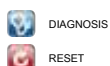
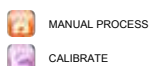
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control				
Electronic module	CAN Bus, Communication interfaz				
Electronic module	Navigation System, Browser				
Electronic module	ZV, Central locking system				
Radio	Radio, Radio				
Safety	AB 3, Airbag				

Caravelle T4 2.5 TDI [2000-2003], engine: AXG

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control				
Electronic module	CAN Bus, Communication interfaz				
Electronic module	Navigation System, Browser				
Electronic module	ZV, Central locking system				
Radio	Radio, Radio				
Safety	AB 3, Airbag				

Caravelle T4 2.5 TDI [2001-2003], engine: AYC

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control				
Electronic module	CAN Bus, Communication interfaz				
Electronic module	Navigation System, Browser				
Electronic module	ZV, Central locking system				
Radio	Radio, Radio				
Safety	AB 3, Airbag				





Caravelle T4 2.5 TDI [2001-2003], engine: AYY

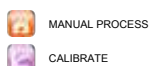
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control				
Electronic module	CAN Bus, Communication interfaz				
Electronic module	Navigation System, Browser				
Electronic module	ZV, Central locking system				
Radio	Radio, Radio				
Safety	AB 3, Airbag				

Caravelle T4 2.5 TDI Syncro [1998-2003], engine: ACV

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control				
Electronic module	CAN Bus, Communication interfaz				
Electronic module	Navigation System, Browser				
Electronic module	ZV, Central locking system				
Radio	Radio, Radio				
Safety	AB 3, Airbag				
Safety	AB III, Airbag				

Caravelle T4 2.5 TDI Syncro [2001-2003], engine: AXL

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control				
Electronic module	CAN Bus, Communication interfaz				
Electronic module	Navigation System, Browser				
Electronic module	ZV, Central locking system				
Radio	Radio, Radio				
Safety	AB 3, Airbag				



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



Caravelle T5 1.9 TDI [2003-2009], engine: AXB

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control						
Central computer	BC 2.0, Body computer						
Electronic module	CAN Bus, Communication interfaz						
Engine	EDC 16U1 - 5.44/5.5, Electronic Diesel Control						
Engine	EDC 16U1, Electronic Diesel Control						
Safety	AB 5, Airbag						
Safety	AB 6, Airbag						

Caravelle T5 1.9 TDI [2003-2009], engine: AXC

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control						
Central computer	BC 2.0, Body computer						
Electronic module	CAN Bus, Communication interfaz						
Engine	EDC 16U1 - 5.44/5.5, Electronic Diesel Control						
Engine	EDC 16U1, Electronic Diesel Control						
Safety	AB 5, Airbag						
Safety	AB 6, Airbag						

Caravelle T5 1.9 TDI [2006-2009], engine: BRR

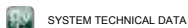
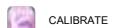
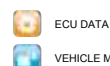
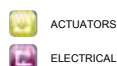
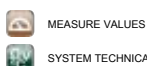
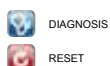
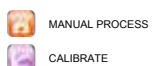
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control						
Central computer	BC 2.0, Body computer						
Electronic module	CAN Bus, Communication interfaz						
Engine	EDC 16U31, Electronic Diesel Control						
Safety	AB 6, Airbag						

Caravelle T5 1.9 TDI [2006-2009], engine: BRS

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control						
Central computer	BC 2.0, Body computer						
Electronic module	CAN Bus, Communication interfaz						
Engine	EDC 16U31, Electronic Diesel Control						
Safety	AB 6, Airbag						

Caravelle T5 2.0 TDI [2009-...], engine: CAAA

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	CU 3.0, Climate control						





HVAC (Heating, Ventilating and Air Conditioning)	CU 4.0, Climate control						
Instrument cluster	INS 4.0, Instrument cluster						
Maintenance	Service 4.0, Maintenance system						
Electronic module	Gateway 3.0, Gateway						
Radio	Audio 3.0, Audio system						
Safety	AB 10U, Airbag						

Caravelle T5 2.0 TDI [2009-...], engine: CAAB

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	CU 3.0, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	CU 4.0, Climate control						
Instrument cluster	INS 4.0, Instrument cluster						
Maintenance	Service 4.0, Maintenance system						
Electronic module	Gateway 3.0, Gateway						
Radio	Audio 3.0, Audio system						
Safety	AB 10U, Airbag						

Caravelle T5 2.0 TDI [2009-...], engine: CAAC

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	CU 3.0, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	CU 4.0, Climate control						
Instrument cluster	INS 4.0, Instrument cluster						
Maintenance	Service 4.0, Maintenance system						
Electronic module	Gateway 3.0, Gateway						
Radio	Audio 3.0, Audio system						
Safety	AB 10U, Airbag						

Caravelle T5 2.0 TDI [2009-...], engine: CFCA

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	CU 3.0, Climate control						
HVAC (Heating, Ventilating and Air Conditioning)	CU 4.0, Climate control						

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Instrument cluster	INS 4.0, Instrument cluster	
Maintenance	Service 4.0, Maintenance system	
Electronic module	Gateway 3.0, Gateway	
Radio	Audio 3.0, Audio system	
Safety	AB 10U, Airbag	

Caravelle T5 2.0 TDI 4 Motion [2009-...], engine: CAAC

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	CU 3.0, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	CU 4.0, Climate control	
Instrument cluster	INS 4.0, Instrument cluster	
Maintenance	Service 4.0, Maintenance system	
Electronic module	Gateway 3.0, Gateway	
Radio	Audio 3.0, Audio system	
Safety	AB 10U, Airbag	

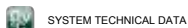
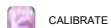
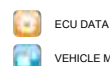
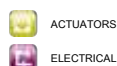
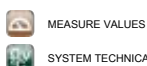
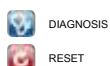
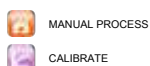
Caravelle T5 2.5 TDI [2003-2009], engine: AXE

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1 - 5.44/5.5, Electronic Diesel Control	
Engine	EDC 16U1, Electronic Diesel Control	
Safety	AB 5, Airbag	
Safety	AB 6, Airbag	

Caravelle T5 2.5 TDI [2003-2009], engine: BLJ

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1 - 5.44/5.5, Electronic Diesel Control	
Engine	EDC 16U1, Electronic Diesel Control	
Safety	AB 5, Airbag	
Safety	AB 6, Airbag	

Caravelle T5 2.5 TDI [2006-2009], engine: BPC





HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U31, Electronic Diesel Control	
Safety	AB 6, Airbag	

Caravelle T5 2.5 TDI [2003-2009], engine: AXD

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1 - 5.44/5.5, Electronic Diesel Control	
Engine	EDC 16U1, Electronic Diesel Control	
Safety	AB 5, Airbag	
Safety	AB 6, Airbag	

Caravelle T5 2.5 TDI [2006-2009], engine: BNZ

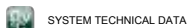
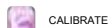
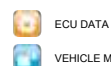
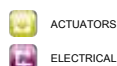
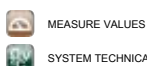
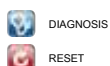
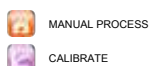
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U31, Electronic Diesel Control	
Safety	AB 6, Airbag	

Caravelle T5 2.5 TDI 4 Motion [2004-2009], engine: AXD

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1 - 5.44/5.5, Electronic Diesel Control	
Engine	EDC 16U1, Electronic Diesel Control	
Safety	AB 5, Airbag	
Safety	AB 6, Airbag	

Caravelle T5 2.5 TDI 4 Motion [2004-2009], engine: AXE

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1 - 5.44/5.5, Electronic Diesel Control	





Engine EDC 16U1, Electronic Diesel Control

Safety AB 5, Airbag

Safety AB 6, Airbag



Caravelle T5 2.5 TDI 4 Motion [2006-2009], engine: BNZ

HVAC (Heating, Ventilating and Air Conditioning) CU 2.1, Climate control



Central computer BC 2.0, Body computer



Electronic module CAN Bus, Communication interfaz



Engine EDC 16U31, Electronic Diesel Control



Safety AB 6, Airbag



Caravelle T5 2.5 TDI 4 Motion [2006-2009], engine: BPC

HVAC (Heating, Ventilating and Air Conditioning) CU 2.1, Climate control



Central computer BC 2.0, Body computer



Electronic module CAN Bus, Communication interfaz



Engine EDC 16U31, Electronic Diesel Control



Safety AB 6, Airbag



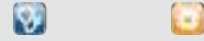
CRAFTER [2006-...]



Antitheft Inmo, Immobilizer Control Unit



Gearbox TU, Automatic transmission



HVAC (Heating, Ventilating and Air Conditioning) Auxiliary heating, Auxiliary heater



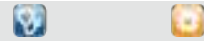
HVAC (Heating, Ventilating and Air Conditioning) CU, Climate control



Brakes ABS, Antilock braking system



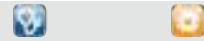
Instrument cluster CAN, CAN lines



Instrument cluster INS, Instrument cluster



Electronic module AWD, Four-wheel Drive



Electronic module CS, Comfort system



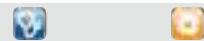
Electronic module LDM, Left side door



Electronic module PS, Parking help system



Electronic module RDM, Right side door



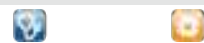
Electronic module Sound system, Audio system



Electronic module TV, Television



Electronic module VCU, Vehicle Electronic Control Unit



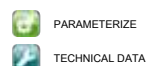
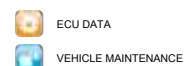
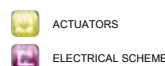
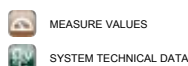
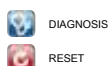
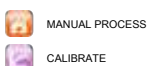
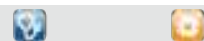
Engine EDC, Engine management system



Engine EM, Engine Management System (Gasoline)



Radio AUDIO, Radio





Safety	AIRBAG, Airbag		
Telematic	Phone, Telephone		

Crafter 30 2.5 TDI [2006-...], engine: BJJ

Antitheft	EZS 3.2, Ignition and start electronic switch				
Central computer	BC 3.2, Body computer				
Brakes	ESP 8.0 VAR 1, Electronic stability control				
Instrument cluster	INS 3.2, Instrument cluster				
Maintenance	Service 3.2, Maintenance system				
Electronic module	LS 3.2, Steering column switches / multifunction steering wheel				
Electronic module	OBF 3.2, Switches modular system				
Electronic module	TSG 3.2, Driver door module				
Engine	EDC 16CP34, Electronic Diesel Control				
Safety	AB 9.06, Airbag				

Crafter 30 2.5 TDI [2006-...], engine: BJK

Antitheft	EZS 3.2, Ignition and start electronic switch				
Central computer	BC 3.2, Body computer				
Brakes	ESP 8.0 VAR 1, Electronic stability control				
Instrument cluster	INS 3.2, Instrument cluster				
Maintenance	Service 3.2, Maintenance system				
Electronic module	LS 3.2, Steering column switches / multifunction steering wheel				
Electronic module	OBF 3.2, Switches modular system				
Electronic module	TSG 3.2, Driver door module				
Engine	EDC 16CP34, Electronic Diesel Control				
Safety	AB 9.06, Airbag				

Crafter 30 2.5 TDI [2006-...], engine: BJL

Antitheft	EZS 3.2, Ignition and start electronic switch				
Central computer	BC 3.2, Body computer				
Brakes	ESP 8.0 VAR 1, Electronic stability control				
Instrument cluster	INS 3.2, Instrument cluster				
Maintenance	Service 3.2, Maintenance system				
Electronic module	LS 3.2, Steering column switches / multifunction steering wheel				
Electronic module	OBF 3.2, Switches modular system				
Electronic module	TSG 3.2, Driver door module				
Engine	EDC 16CP34, Electronic Diesel Control				
Safety	AB 9.06, Airbag				

Crafter 30 2.5 TDI [2006-...], engine: BJM

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Antitheft	EZS 3.2, Ignition and start electronic switch							
Central computer	BC 3.2, Body computer							
Brakes	ESP 8.0 VAR 1, Electronic stability control							
Instrument cluster	INS 3.2, Instrument cluster							
Maintenance	Service 3.2, Maintenance system							
Electronic module	LS 3.2, Steering column switches / multifunction steering wheel							
Electronic module	OBF 3.2, Switches modular system							
Electronic module	TSG 3.2, Driver door module							
Engine	EDC 16CP34, Electronic Diesel Control							
Safety	AB 9.06, Airbag							

Crafter 35 2.5 TDI [2006-...], engine: BJJ

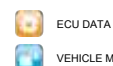
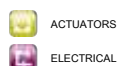
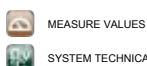
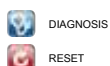
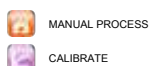
Antitheft	EZS 3.2, Ignition and start electronic switch							
Central computer	BC 3.2, Body computer							
Brakes	ESP 8.0 VAR 1, Electronic stability control							
Instrument cluster	INS 3.2, Instrument cluster							
Maintenance	Service 3.2, Maintenance system							
Electronic module	LS 3.2, Steering column switches / multifunction steering wheel							
Electronic module	OBF 3.2, Switches modular system							
Electronic module	TSG 3.2, Driver door module							
Engine	EDC 16CP34, Electronic Diesel Control							
Safety	AB 9.06, Airbag							

Crafter 35 2.5 TDI [2006-...], engine: BJK

Antitheft	EZS 3.2, Ignition and start electronic switch							
Central computer	BC 3.2, Body computer							
Brakes	ESP 8.0 VAR 1, Electronic stability control							
Instrument cluster	INS 3.2, Instrument cluster							
Maintenance	Service 3.2, Maintenance system							
Electronic module	LS 3.2, Steering column switches / multifunction steering wheel							
Electronic module	OBF 3.2, Switches modular system							
Electronic module	TSG 3.2, Driver door module							
Engine	EDC 16CP34, Electronic Diesel Control							
Safety	AB 9.06, Airbag							

Crafter 35 2.5 TDI [2006-...], engine: BJL

Antitheft	EZS 3.2, Ignition and start electronic switch							
Central computer	BC 3.2, Body computer							
Brakes	ESP 8.0 VAR 1, Electronic stability control							
Instrument cluster	INS 3.2, Instrument cluster							





Maintenance	Service 3.2, Maintenance system		
Electronic module	LS 3.2, Steering column switches / multifunction steering wheel		
Electronic module	OBF 3.2, Switches modular system		
Electronic module	TSG 3.2, Driver door module		
Engine	EDC 16CP34, Electronic Diesel Control		
Safety	AB 9.06, Airbag		

Crafter 35 2.5 TDI [2006-...], engine: BJM

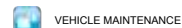
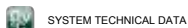
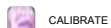
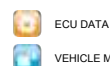
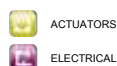
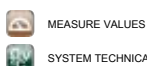
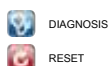
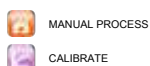
Antitheft	EZS 3.2, Ignition and start electronic switch		
Central computer	BC 3.2, Body computer		
Brakes	ESP 8.0 VAR 1, Electronic stability control		
Instrument cluster	INS 3.2, Instrument cluster		
Maintenance	Service 3.2, Maintenance system		
Electronic module	LS 3.2, Steering column switches / multifunction steering wheel		
Electronic module	OBF 3.2, Switches modular system		
Electronic module	TSG 3.2, Driver door module		
Engine	EDC 16CP34, Electronic Diesel Control		
Safety	AB 9.06, Airbag		

Crafter 50 2.5 TDI [2006-...], engine: BJK

Antitheft	EZS 3.2, Ignition and start electronic switch		
Central computer	BC 3.2, Body computer		
Brakes	ESP 8.0 VAR 1, Electronic stability control		
Instrument cluster	INS 3.2, Instrument cluster		
Maintenance	Service 3.2, Maintenance system		
Electronic module	LS 3.2, Steering column switches / multifunction steering wheel		
Electronic module	OBF 3.2, Switches modular system		
Electronic module	TSG 3.2, Driver door module		
Engine	EDC 16CP34, Electronic Diesel Control		
Safety	AB 9.06, Airbag		

Crafter 50 2.5 TDI [2006-...], engine: BJL

Antitheft	EZS 3.2, Ignition and start electronic switch		
Central computer	BC 3.2, Body computer		
Brakes	ESP 8.0 VAR 1, Electronic stability control		
Instrument cluster	INS 3.2, Instrument cluster		
Maintenance	Service 3.2, Maintenance system		
Electronic module	LS 3.2, Steering column switches / multifunction steering wheel		
Electronic module	OBF 3.2, Switches modular system		





Electronic module	TSG 3.2, Driver door module						
Engine	EDC 16CP34, Electronic Diesel Control						
Safety	AB 9.06, Airbag						

Crafter 50 2.5 TDI [2006-...], engine: BJM

Antitheft	EZS 3.2, Ignition and start electronic switch						
Central computer	BC 3.2, Body computer						
Brakes	ESP 8.0 VAR 1, Electronic stability control						
Instrument cluster	INS 3.2, Instrument cluster						
Maintenance	Service 3.2, Maintenance system						
Electronic module	LS 3.2, Steering column switches / multifunction steering wheel						
Electronic module	OBF 3.2, Switches modular system						
Electronic module	TSG 3.2, Driver door module						
Engine	EDC 16CP34, Electronic Diesel Control						
Safety	AB 9.06, Airbag						

Crafter 50 2.5 TDI [2009-...], engine: CECB

Antitheft	EZS 3.2, Ignition and start electronic switch						
Central computer	BC 3.2, Body computer						
Brakes	ESP 8.0 VAR 1, Electronic stability control						
Instrument cluster	INS 3.2, Instrument cluster						
Maintenance	Service 3.2, Maintenance system						
Electronic module	LS 3.2, Steering column switches / multifunction steering wheel						
Electronic module	OBF 3.2, Switches modular system						
Electronic module	TSG 3.2, Driver door module						
Safety	AB 9.06, Airbag						

LT

Brakes	ABS, Antilock braking system						
Engine	EDC, Engine management system						
Safety	AIRBAG, Airbag						

LT 28 2.5 SDI [1996-2001], engine: AGX

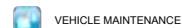
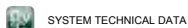
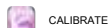
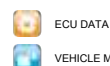
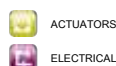
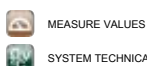
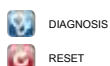
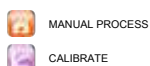
Safety	AB 6.3, Airbag						
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LT 28 2.5 TDI [1996-1999], engine: AHD

Safety	AB 6.3, Airbag						
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LT 28 2.5 TDI [1999-2001], engine: APA

Safety	AB 6.3, Airbag						
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LT 28 2.5 TDI [1999-2006], engine: ANJ

Safety

AB 6.3, Airbag



LT 28 2.8 TD [1997-1998], engine: AGK

Safety

AB 6.3, Airbag



LT 35 2.5 SDI [1996-2001], engine: AGX

Safety

AB 6.3, Airbag



LT 35 2.5 TDI [1996-1999], engine: AHD

Safety

AB 6.3, Airbag



LT 35 2.5 TDI [1999-2001], engine: APA

Safety

AB 6.3, Airbag



LT 35 2.5 TDI [1999-2006], engine: ANJ

Safety

AB 6.3, Airbag



LT 35 2.8 TD [1997-1998], engine: AGK

Safety

AB 6.3, Airbag



LT 46 2.5 SDI [1996-2001], engine: AGX

Safety

AB 6.3, Airbag



LT 46 2.5 TDI [1996-1999], engine: AHD

Safety

AB 6.3, Airbag



LT 46 2.5 TDI [1999-2001], engine: APA

Safety

AB 6.3, Airbag



LT 46 2.5 TDI [1999-2006], engine: ANJ

Safety

AB 6.3, Airbag



LT 46 2.8 TD [1997-1998], engine: AGK

Safety

AB 6.3, Airbag



Multivan T4 1.9 Diesel [1990-1997], engine: 1X

HVAC (Heating, Ventilating and Air Conditioning)

CU 1.0, Climate control



Safety

AB 3, Airbag

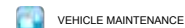
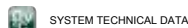
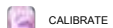
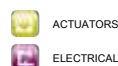
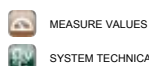
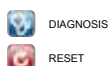
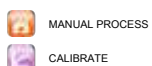


Safety

AB I, Airbag



Multivan T4 1.9 Diesel Turbo [1992-2003], engine: ABL





HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control								
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control								
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control								
Electronic module	CAN Bus, Communication interfaz								
Electronic module	Navigation System, Browser								
Electronic module	ZV, Central locking system								
Radio	Radio, Radio								
Safety	AB 3, Airbag								
Safety	AB II, Airbag								

Multivan T4 2.4 Diesel [1990-1998], engine: AAB

Safety	AB 3, Airbag								
Safety	AB II, Airbag								

Multivan T4 2.4 Diesel [1997-2003], engine: AJA

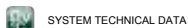
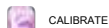
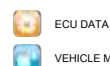
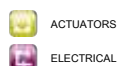
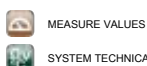
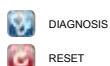
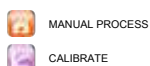
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control								
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control								
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control								
Electronic module	CAN Bus, Communication interfaz								
Electronic module	Navigation System, Browser								
Electronic module	ZV, Central locking system								
Radio	Radio, Radio								
Safety	AB 3, Airbag								

Multivan T4 2.4 Syncro Diesel [1992-1998], engine: AAB

Safety	AB 3, Airbag								
Safety	AB I, Airbag								

Multivan T4 2.5 TDI [1995-2003], engine: ACV

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control								
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control								
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control								





Electronic module	CAN Bus, Communication interfaz		
Electronic module	Navigation System, Browser		
Electronic module	ZV, Central locking system		
Radio	Radio, Radio		
Safety	AB 3, Airbag		

Multivan T4 2.5 TDI [1998-2000], engine: AHY

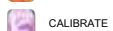
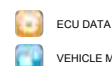
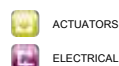
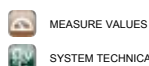
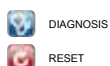
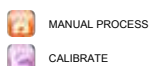
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control		
Electronic module	CAN Bus, Communication interfaz		
Electronic module	Navigation System, Browser		
Electronic module	ZV, Central locking system		
Radio	Radio, Radio		
Safety	AB 3, Airbag		
Safety	AB III, Airbag		

Multivan T4 2.5 TDI [1998-2003], engine: AJT

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control		
Electronic module	CAN Bus, Communication interfaz		
Electronic module	Navigation System, Browser		
Electronic module	ZV, Central locking system		
Radio	Radio, Radio		
Safety	AB 3, Airbag		
Safety	AB III, Airbag		

Multivan T4 2.5 TDI [1999-2003], engine: AUF

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control		





Electronic module	CAN Bus, Communication interfaz		
Electronic module	Navigation System, Browser		
Electronic module	ZV, Central locking system		
Radio	Radio, Radio		
Safety	AB 3, Airbag		

Multivan T4 2.5 TDI [2000-2003], engine: AXG

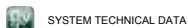
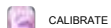
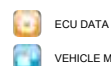
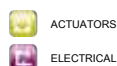
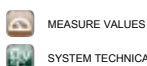
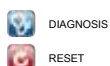
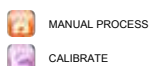
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control		
Electronic module	CAN Bus, Communication interfaz		
Electronic module	Navigation System, Browser		
Electronic module	ZV, Central locking system		
Radio	Radio, Radio		
Safety	AB 3, Airbag		

Multivan T4 2.5 TDI [2001-2003], engine: AYC

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control		
Electronic module	CAN Bus, Communication interfaz		
Electronic module	Navigation System, Browser		
Electronic module	ZV, Central locking system		
Radio	Radio, Radio		
Safety	AB 3, Airbag		

Multivan T4 2.5 TDI [2001-2003], engine: AYY

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control		
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control		
Electronic module	CAN Bus, Communication interfaz		
Electronic module	Navigation System, Browser		





Electronic module	ZV, Central locking system			
Radio	Radio, Radio			
Safety	AB 3, Airbag			

Multivan T4 2.5 TDI Syncro [1998-2003], engine: ACV

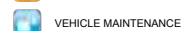
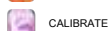
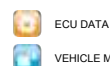
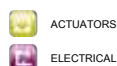
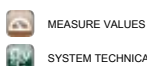
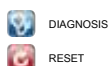
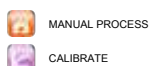
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control				
Electronic module	CAN Bus, Communication interfaz				
Electronic module	Navigation System, Browser				
Electronic module	ZV, Central locking system				
Radio	Radio, Radio				
Safety	AB 3, Airbag				
Safety	AB III, Airbag				

Multivan T4 2.5 TDI Syncro [2001-2003], engine: AXL

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control				
Electronic module	CAN Bus, Communication interfaz				
Electronic module	Navigation System, Browser				
Electronic module	ZV, Central locking system				
Radio	Radio, Radio				
Safety	AB 3, Airbag				

Multivan T5 1.9 TDI [2003-2009], engine: AXC

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control				
Central computer	BC 2.0, Body computer				
Electronic module	CAN Bus, Communication interfaz				
Engine	EDC 16U1, Electronic Diesel Control				
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control				
Safety	AB 5, Airbag				
Safety	AB 6, Airbag				





Multivan T5 1.9 TDI [2006-2009], engine: BRR

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U31, Electronic Diesel Control	
Safety	AB 6, Airbag	

Multivan T5 1.9 TDI [2006-2009], engine: BRS

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U31, Electronic Diesel Control	
Safety	AB 6, Airbag	

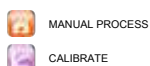
Multivan T5 1.9 TDI [2003-2009], engine: AXB

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1, Electronic Diesel Control	
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control	
Safety	AB 5, Airbag	
Safety	AB 6, Airbag	

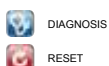
Multivan T5 2.0 TDI [2009-...], engine: CAAA

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	CU 3.0, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	CU 4.0, Climate control	
Instrument cluster	INS 4.0, Instrument cluster	
Maintenance	Service 4.0, Maintenance system	
Electronic module	Gateway 3.0, Gateway	
Radio	Audio 3.0, Audio system	
Safety	AB 10U, Airbag	

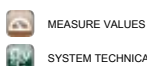
Multivan T5 2.0 TDI [2009-...], engine: CAAB



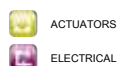
MANUAL PROCESS



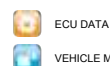
DIAGNOSIS



MEASURE VALUES



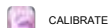
ACTUATORS



ECU DATA



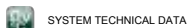
PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 3.0, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 4.0, Climate control					
Instrument cluster	INS 4.0, Instrument cluster					
Maintenance	Service 4.0, Maintenance system					
Electronic module	Gateway 3.0, Gateway					
Radio	Audio 3.0, Audio system					
Safety	AB 10U, Airbag					

Multivan T5 2.0 TDI [2009-...], engine: CAAC

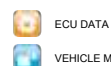
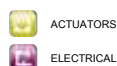
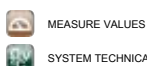
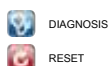
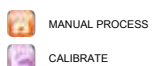
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 3.0, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 4.0, Climate control					
Instrument cluster	INS 4.0, Instrument cluster					
Maintenance	Service 4.0, Maintenance system					
Electronic module	Gateway 3.0, Gateway					
Radio	Audio 3.0, Audio system					
Safety	AB 10U, Airbag					

Multivan T5 2.0 TDI 4 Motion [2009-...], engine: CAAC

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 3.0, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 4.0, Climate control					
Instrument cluster	INS 4.0, Instrument cluster					
Maintenance	Service 4.0, Maintenance system					
Electronic module	Gateway 3.0, Gateway					
Radio	Audio 3.0, Audio system					
Safety	AB 10U, Airbag					

Multivan T5 2.5 TDI [2003-2009], engine: AXD

Gearbox	GS 09G/K/M, Automatic gearbox				
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HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1, Electronic Diesel Control	
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control	
Safety	AB 5, Airbag	
Safety	AB 6, Airbag	

Multivan T5 2.5 TDI [2003-2009], engine: AXE

Gearbox	GS 09G/K/M, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1, Electronic Diesel Control	
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control	
Safety	AB 5, Airbag	
Safety	AB 6, Airbag	

Multivan T5 2.5 TDI [2003-2009], engine: BLJ

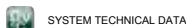
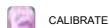
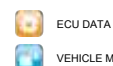
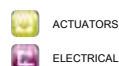
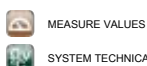
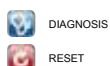
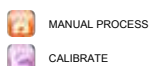
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1, Electronic Diesel Control	
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control	
Safety	AB 5, Airbag	
Safety	AB 6, Airbag	

Multivan T5 2.5 TDI [2006-2009], engine: BNZ

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U31, Electronic Diesel Control	
Safety	AB 6, Airbag	

Multivan T5 2.5 TDI [2006-2009], engine: BPC

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
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Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U31, Electronic Diesel Control	
Safety	AB 6, Airbag	

Multivan T5 2.5 TDI 4 Motion [2004-2009], engine: AXD

Gearbox	GS 09G/K/M, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1, Electronic Diesel Control	
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control	
Safety	AB 5, Airbag	
Safety	AB 6, Airbag	

Multivan T5 2.5 TDI 4 Motion [2004-2009], engine: AXE

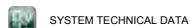
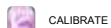
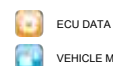
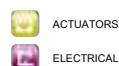
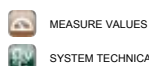
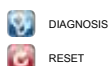
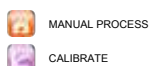
Gearbox	GS 09G/K/M, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1, Electronic Diesel Control	
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control	
Safety	AB 5, Airbag	
Safety	AB 6, Airbag	

Multivan T5 2.5 TDI 4 Motion [2006-2009], engine: BPC

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U31, Electronic Diesel Control	
Safety	AB 6, Airbag	

Multivan T5 2.5 TDI 4 Motion [2006-2009], engine: BNZ

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U31, Electronic Diesel Control	





Safety

AB 6, Airbag



TRANSPORTER T4



Antitheft	Inmo, Immobilizer Control Unit			
Gearbox	TU, Automatic transmission			
HVAC (Heating, Ventilating and Air Conditioning)	Auxiliary heating, Auxiliary heater			
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control			
Brakes	ABS, Antilock braking system			
Instrument cluster	CAN, CAN lines			
Instrument cluster	INS, Instrument cluster			
Electronic module	AWD, Four-wheel Drive			
Electronic module	CS, Comfort system			
Electronic module	LDM, Left side door			
Electronic module	PS, Parking help system			
Electronic module	RDM, Right side door			
Electronic module	Sound system, Audio system			
Electronic module	TV, Television			
Electronic module	VCU, Vehicle Electronic Control Unit			
Engine	EDC, Engine management system			
Engine	EM, Engine Management System (Gasoline)			
Radio	AUDIO, Radio			
Safety	AIRBAG, Airbag			
Telematic	Phone, Telephone			

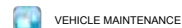
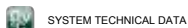
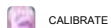
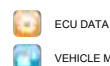
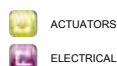
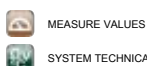
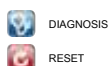
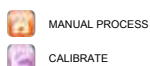
Transporter T4 1.9 Diesel [1990-1997], engine: 1X

Electronic module	CAN Bus, Communication interfaz			
Electronic module	Navigation System, Browser			
Radio	Radio, Radio			
Safety	AB 3, Airbag			
Safety	AB I, Airbag			

Transporter T4 1.9 Diesel Turbo [1992-2003], engine: ABL

Electronic module	CAN Bus, Communication interfaz			
Electronic module	Navigation System, Browser			
Radio	Radio, Radio			
Safety	AB 3, Airbag			
Safety	AB I, Airbag			

Transporter T4 2.4 Diesel [1990-1998], engine: AAB





HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control					
Electronic module	CAN Bus, Communication interfaz					
Electronic module	Navigation System, Browser					
Radio	Radio, Radio					
Safety	AB 3, Airbag					
Safety	AB III, Airbag					

Transporter T4 2.4 Diesel [1997-2003], engine: AJA

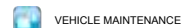
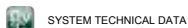
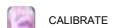
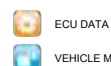
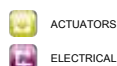
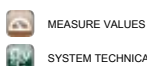
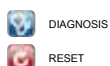
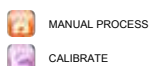
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control					
Electronic module	CAN Bus, Communication interfaz					
Electronic module	Navigation System, Browser					
Electronic module	ZV, Central locking system					
Radio	Radio, Radio					
Safety	AB 3, Airbag					
Safety	AB III, Airbag					

Transporter T4 2.4 Syncro Diesel [1992-1998], engine: AAB

HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control					
Electronic module	CAN Bus, Communication interfaz					
Electronic module	Navigation System, Browser					
Radio	Radio, Radio					
Safety	AB 3, Airbag					
Safety	AB III, Airbag					

Transporter T4 2.5 TDI [1995-2003], engine: ACV

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control					
Electronic module	CAN Bus, Communication interfaz					
Electronic module	Navigation System, Browser					
Electronic module	ZV, Central locking system					
Radio	Radio, Radio					
Safety	AB 3, Airbag					





Safety

AB III, Airbag



Transporter T4 2.5 TDI [1998-2000], engine: AHY

HVAC (Heating, Ventilating and Air Conditioning)

A/C, Climate control



HVAC (Heating, Ventilating and Air Conditioning)

CU, Climate control



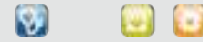
Electronic module

CAN Bus, Communication interfaz



Electronic module

Navigation System, Browser



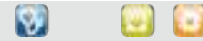
Electronic module

ZV, Central locking system



Radio

Radio, Radio



Safety

AB 3, Airbag



Transporter T4 2.5 TDI [1998-2003], engine: AJT

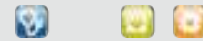
HVAC (Heating, Ventilating and Air Conditioning)

A/C, Climate control



HVAC (Heating, Ventilating and Air Conditioning)

CU 1.0, Climate control



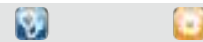
HVAC (Heating, Ventilating and Air Conditioning)

CU, Climate control



Electronic module

CAN Bus, Communication interfaz



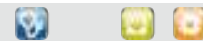
Electronic module

Navigation System, Browser



Electronic module

ZV, Central locking system



Radio

Radio, Radio



Safety

AB 3, Airbag



Safety

AB III, Airbag



Transporter T4 2.5 TDI [1999-2003], engine: AUF

HVAC (Heating, Ventilating and Air Conditioning)

A/C, Climate control



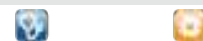
HVAC (Heating, Ventilating and Air Conditioning)

CU 1.0, Climate control



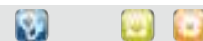
Electronic module

CAN Bus, Communication interfaz



Electronic module

Navigation System, Browser



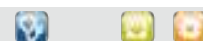
Electronic module

ZV, Central locking system



Radio

Radio, Radio



Safety

AB 3, Airbag

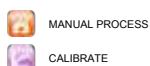


Safety

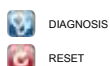
AB III, Airbag



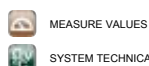
Transporter T4 2.5 TDI [2000-2003], engine: AXG



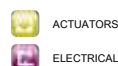
MANUAL PROCESS



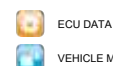
DIAGNOSIS



MEASURE VALUES



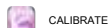
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



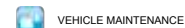
RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control				
Electronic module	CAN Bus, Communication interfaz				
Electronic module	ZV, Central locking system				
Radio	Radio, Radio				
Safety	AB 3, Airbag				

Transporter T4 2.5 TDI [2001-2003], engine: AYC

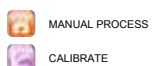
HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control				
Electronic module	CAN Bus, Communication interfaz				
Electronic module	Navigation System, Browser				
Electronic module	ZV, Central locking system				
Radio	Radio, Radio				
Safety	AB 3, Airbag				

Transporter T4 2.5 TDI [2001-2003], engine: AYY

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control				
Electronic module	CAN Bus, Communication interfaz				
Electronic module	Navigation System, Browser				
Electronic module	ZV, Central locking system				
Radio	Radio, Radio				
Safety	AB 3, Airbag				

Transporter T4 2.5 TDI Syncro [1998-2003], engine: ACV

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
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MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



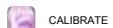
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



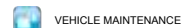
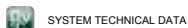
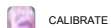
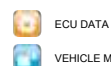
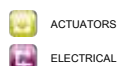
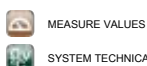
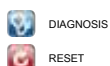
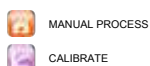
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control				
Electronic module	CAN Bus, Communication interfaz				
Electronic module	Navigation System, Browser				
Electronic module	ZV, Central locking system				
Radio	Radio, Radio				
Safety	AB 3, Airbag				
Safety	AB III, Airbag				

Transporter T4 2.5 TDI Syncro [2001-2003], engine: AXL

HVAC (Heating, Ventilating and Air Conditioning)	A/C, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU 1.0, Climate control				
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control				
Electronic module	ZV, Central locking system				
Radio	Radio, Radio				
Safety	AB 3, Airbag				

TRANSPORTER T5

Antitheft	Inmo, Immobilizer Control Unit				
Gearbox	TU, Automatic transmission				
HVAC (Heating, Ventilating and Air Conditioning)	Auxiliary heating, Auxiliary heater				
HVAC (Heating, Ventilating and Air Conditioning)	CU, Climate control				
Brakes	ABS, Antilock braking system				
Instrument cluster	CAN, CAN lines				
Instrument cluster	INS, Instrument cluster				
Electronic module	AWD, Four-wheel Drive				
Electronic module	CS, Comfort system				
Electronic module	LDM, Left side door				
Electronic module	PS, Parking help system				
Electronic module	RDM, Right side door				
Electronic module	Sound system, Audio system				
Electronic module	TV, Television				
Electronic module	VCU, Vehicle Electronic Control Unit				
Engine	EDC, Engine management system				





Engine	EM, Engine Management System (Gasoline)		
Radio	AUDIO, Radio		
Safety	AIRBAG, Airbag		
Telematic	Phone, Telephone		

Transporter T5 1.9 TDI [2003-2009], engine: AXB

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control					
Central computer	BC 2.0, Body computer					
Electronic module	CAN Bus, Communication interfaz					
Engine	EDC 16U1, Electronic Diesel Control					
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control					
Safety	AB 5, Airbag					
Safety	AB 6, Airbag					

Transporter T5 1.9 TDI [2003-2009], engine: AXC

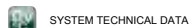
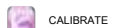
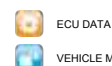
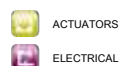
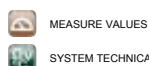
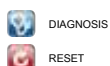
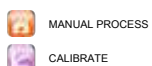
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control					
Central computer	BC 2.0, Body computer					
Electronic module	CAN Bus, Communication interfaz					
Engine	EDC 16U1, Electronic Diesel Control					
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control					
Safety	AB 5, Airbag					
Safety	AB 6, Airbag					

Transporter T5 1.9 TDI [2006-2009], engine: BRR

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control					
Central computer	BC 2.0, Body computer					
Electronic module	CAN Bus, Communication interfaz					
Engine	EDC 16U31, Electronic Diesel Control					
Safety	AB 6, Airbag					

Transporter T5 1.9 TDI [2006-2009], engine: BRS

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control					
Central computer	BC 2.0, Body computer					
Electronic module	CAN Bus, Communication interfaz					
Engine	EDC 16U31, Electronic Diesel Control					
Safety	AB 6, Airbag					





Transporter T5 2.0 TDI [2009-...], engine: CAAA

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 3.0, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 4.0, Climate control					
Instrument cluster	INS 4.0, Instrument cluster					
Maintenance	Service 4.0, Maintenance system					
Electronic module	Gateway 3.0, Gateway					
Radio	Audio 3.0, Audio system					
Safety	AB 10U, Airbag					

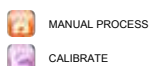
Transporter T5 2.0 TDI [2009-...], engine: CAAB

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 3.0, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 4.0, Climate control					
Instrument cluster	INS 4.0, Instrument cluster					
Maintenance	Service 4.0, Maintenance system					
Electronic module	Gateway 3.0, Gateway					
Radio	Audio 3.0, Audio system					
Safety	AB 10U, Airbag					

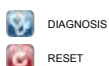
Transporter T5 2.0 TDI [2009-...], engine: CAAC

HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 3.0, Climate control					
HVAC (Heating, Ventilating and Air Conditioning)	CU 4.0, Climate control					
Instrument cluster	INS 4.0, Instrument cluster					
Maintenance	Service 4.0, Maintenance system					
Electronic module	Gateway 3.0, Gateway					
Radio	Audio 3.0, Audio system					
Safety	AB 10U, Airbag					

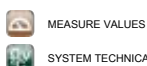
Transporter T5 2.0 TDI [2009-...], engine: CCHA



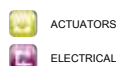
MANUAL PROCESS



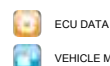
DIAGNOSIS



MEASURE VALUES



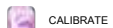
ACTUATORS



ECU DATA



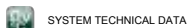
PARAMETERIZE



CALIBRATE



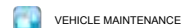
RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	CU 3.0, Climate control	
HVAC (Heating, Ventilating and Air Conditioning)	CU 4.0, Climate control	
Instrument cluster	INS 4.0, Instrument cluster	
Maintenance	Service 4.0, Maintenance system	
Electronic module	Gateway 3.0, Gateway	
Radio	Audio 3.0, Audio system	
Safety	AB 10U, Airbag	

Transporter T5 2.5 TDI [2003-2009], engine: AXD

Gearbox	GS 09G/K/M, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1, Electronic Diesel Control	
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control	
Safety	AB 5, Airbag	
Safety	AB 6, Airbag	

Transporter T5 2.5 TDI [2003-2009], engine: AXE

Gearbox	GS 09G/K/M, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1, Electronic Diesel Control	
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control	
Safety	AB 5, Airbag	
Safety	AB 6, Airbag	

Transporter T5 2.5 TDI [2003-2009], engine: BLJ

Gearbox	GS 09G/K/M, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1, Electronic Diesel Control	

MANUAL PROCESS	DIAGNOSIS	MEASURE VALUES	ACTUATORS	ECU DATA	PARAMETERIZE
CALIBRATE	RESET	SYSTEM TECHNICAL DATA	ELECTRICAL SCHEME	VEHICLE MAINTENANCE	TECHNICAL DATA



Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control	
Safety	AB 5, Airbag	
Safety	AB 6, Airbag	

Transporter T5 2.5 TDI [2004-2009], engine: AXE

Gearbox	GS 09G/K/M, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1, Electronic Diesel Control	
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control	
Safety	AB 5, Airbag	
Safety	AB 6, Airbag	

Transporter T5 2.5 TDI [2006-2009], engine: BNZ

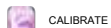
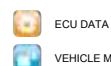
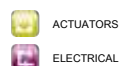
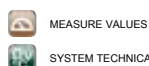
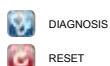
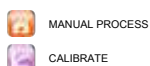
Gearbox	GS 09G/K/M, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U31, Electronic Diesel Control	
Safety	AB 6, Airbag	

Transporter T5 2.5 TDI [2006-2009], engine: BPC

Gearbox	GS 09G/K/M, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U31, Electronic Diesel Control	
Safety	AB 6, Airbag	

Transporter T5 2.5 TDI 4 Motion [2004-2009], engine: AXD

Gearbox	GS 09G/K/M, Automatic gearbox	
HVAC (Heating, Ventilating and Air Conditioning)	CU 2.1, Climate control	
Central computer	BC 2.0, Body computer	
Electronic module	CAN Bus, Communication interfaz	
Engine	EDC 16U1, Electronic Diesel Control	
Engine	EDC 16U1-5.44/-5.5, Electronic Diesel Control	





Safety AB 5, Airbag



Safety AB 6, Airbag



Transporter T5 2.5 TDI 4 Motion [2004-2009], engine: AXE

Gearbox GS 09G/K/M, Automatic gearbox



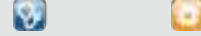
HVAC (Heating, Ventilating and Air Conditioning) CU 2.1, Climate control



Central computer BC 2.0, Body computer



Electronic module CAN Bus, Communication interfaz



Engine EDC 16U1, Electronic Diesel Control



Engine EDC 16U1-5.44/-5.5, Electronic Diesel Control



Safety AB 5, Airbag



Safety AB 6, Airbag



Transporter T5 2.5 TDI 4 Motion [2006-2009], engine: BNZ

Gearbox GS 09G/K/M, Automatic gearbox



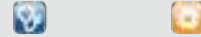
HVAC (Heating, Ventilating and Air Conditioning) CU 2.1, Climate control



Central computer BC 2.0, Body computer



Electronic module CAN Bus, Communication interfaz



Engine EDC 16U31, Electronic Diesel Control



Safety AB 6, Airbag



Transporter T5 2.5 TDI 4 Motion [2006-2009], engine: BPC

Gearbox GS 09G/K/M, Automatic gearbox



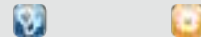
HVAC (Heating, Ventilating and Air Conditioning) CU 2.1, Climate control



Central computer BC 2.0, Body computer



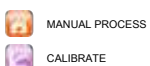
Electronic module CAN Bus, Communication interfaz



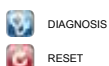
Engine EDC 16U31, Electronic Diesel Control



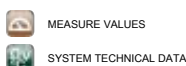
Safety AB 6, Airbag



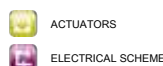
MANUAL PROCESS



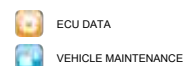
DIAGNOSIS



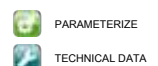
MEASURE VALUES



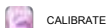
ACTUATORS



ECU DATA



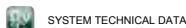
PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE

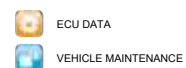
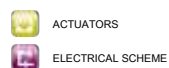
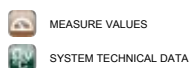
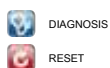
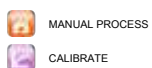


TECHNICAL DATA



RG-31 Mk5E

Gearbox	Allison J1939 1000/2000 (4th gen), Gearbox management system										
Gearbox	Allison J1939 3000/4000 (4th gen), Gearbox management system										
Brakes	ABS D, Antilock braking system										
Electronic module	FMS, Fleet management system										
Engine	EDC J1939, Engine control system										





GMK 3050

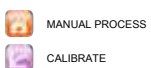
Central computer	ADM, Vehicle management computer								
Engine	MR / PLD, Pump-Pipe-Injector with electronic diesel control								

GMK 5220

Engine	MR / PLD, Pump-Pipe-Injector with electronic diesel control								
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GMK 7450

Gearbox	Allison 3000/4000 4th gen (SAE J1939), Gearbox management system								
Central computer	ADM, Vehicle management computer								
Engine	MR / PLD, Pump-Pipe-Injector with electronic diesel control								



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



7226

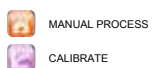
Brakes	ABS/ASR E, Antilock braking system									
Engine	EDC MS6.2, Engine management system, pump-injectors									

VM 90, engine: 40.10 WM

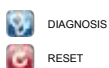
Brakes	ABS 5.3, Antilock braking system									
Engine	EDC MS6.3, Electronic diesel control, injection rail									

VTLM LINCE, engine: M65E 19WM

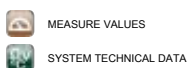
Brakes	ABS 2X, Antilock braking system									
Engine	EDC 16 C8, Electronic Diesel Control									



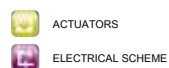
MANUAL PROCESS



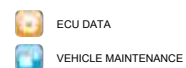
DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE

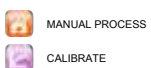


TECHNICAL DATA

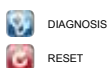


LTM 1030

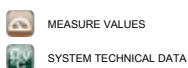
Gearbox	ECOMAT 1, Automatic gearbox								
Central computer	ADM, Vehicle management computer								
Brakes	ABS D, Antilock braking system								
Engine	MR / PLD, Pump-Pipe-Injector with electronic diesel control								



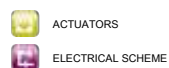
MANUAL PROCESS



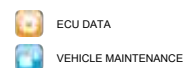
DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA

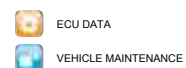
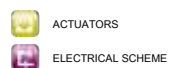
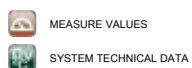
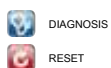
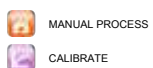
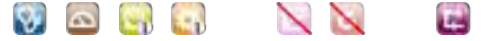


Aníbal PS10 [2003-...], engine: 8140.43P



Engine

EDC, Electronic diesel control, injection rail



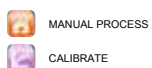


Vamtac Rebeco

Gearbox	Allison 1000/2000 4th gen (SAE J1939), Gearbox management system										
Brakes	HABS D, Anti-lock hydraulic braking system										
Engine	EDC Steyr, Engine management system, pump-injectors										

Vamtac S3

Gearbox	Allison 1000/2000 4th gen (SAE J1939), Gearbox management system										
Brakes	HABS D, Anti-lock hydraulic braking system										
Engine	EDC Steyr, Engine management system, pump-injectors										



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE

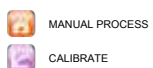


TECHNICAL DATA

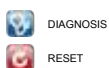


MB ENGINE

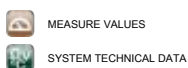
Central computer	ADM 2, Vehicle management computer								
Central computer	ADM, Vehicle management computer								
Engine	MR/PLD (4L & 6L cylinder), Pump-Pipe-Injector with electronic diesel control								
Engine	MR/PLD (6V & 8V cylinder), Pump-Pipe-Injector with electronic diesel control								



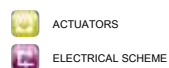
MANUAL PROCESS



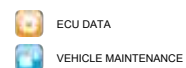
DIAGNOSIS



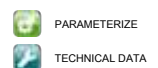
MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



Agro Prima



Engine

MS6.2, Engine managment system, pump-injectors



Agro Star



Engine

MS6.2, Engine managment system, pump-injectors



Agrotron



Engine

MS6.2, Engine managment system, pump-injectors



Agrotron MK3



Engine

MS6.2, Engine managment system, pump-injectors

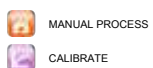


DX

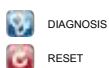


Engine

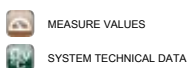
MS6.2, Engine managment system, pump-injectors



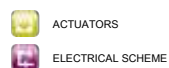
MANUAL PROCESS



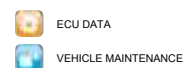
DIAGNOSIS



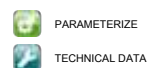
MEASURE VALUES



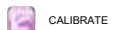
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE

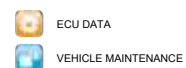
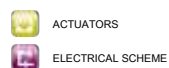
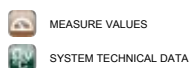
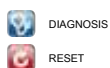
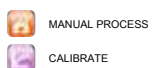


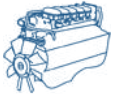
TECHNICAL DATA



Allison

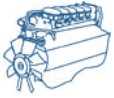
Gearbox	1000, 2000, 2400 Series, Transmission										
Gearbox	1000/2000 Series (4th gen) SAE J1939, Gearbox management system										
Gearbox	1000/2000 Series (4th gen), Transmission										
Gearbox	3000/4000 Series (4th gen) SAE J1939, Gearbox management system										
Gearbox	3000/4000 Series (4th gen), Transmission										
Gearbox	WTEC II, Transmission										
Gearbox	WTEC III 3000, 4000 Series, Transmission										





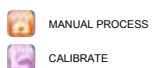
Bendix

Brakes	ABS 2X, Antilock braking system												
Brakes	ABS U1X, Antilock braking system												
Brakes	EC-17, Antilock braking system												
Brakes	EC-30, Antilock braking system												
Brakes	EC-60, Antilock braking system												
ABS Trailer	TABS 6, Antilock braking system												

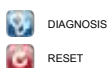


Caterpillar

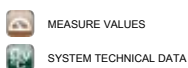
Engine	ECM 3126, Engine control system							
Engine	ECM 3176, Engine control system							
Engine	ECM 3406, Engine control system							
Engine	ECM C-10, Engine control system							
Engine	ECM C-12, Engine control system							
Engine	ECM C-13, Engine Control System							
Engine	ECM C-15, Engine control system							
Engine	ECM C-16, Engine control system							
Engine	ECM C-7, Engine control system							



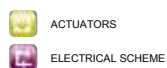
MANUAL PROCESS



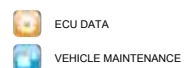
DIAGNOSIS



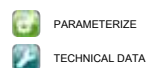
MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



12V140

Engine 12V140 CM850, Engine control system    


4D95

Engine 4D95 CM2150, Engine control system     

6D125 / 6D140 / 6D170

Engine 6D125 / 6D140 / 6D170 CM850, Engine control system     

B5.9G

Engine B5.9G, Engine control system    

C8.3





Engine C8.3 Marine, Engine control system    

C8.3G


Engine C8.3G, Engine control system    

Celect





Engine Celect Plus, Engine control system      

Engine Celect, Engine control system    





Centry

Engine Centry, Engine control system    


Gas Plus

Engine L/C/B Gas Plus, KTA/GTA, Engine control system    

GTA







Engine GTA3.9 - 5.9 - 8.3 GC CM558, Engine control system    

ISB

Engine ISB 6.7 CM2250, Engine control system      






Engine ISB CM2150D SAE J1939, Engine control system      







Engine ISB CM2150E SAE J1939, Engine control system      

Engine ISB CM550, Engine control system      

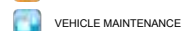
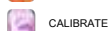
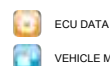
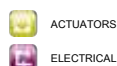
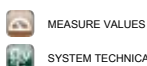
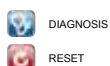
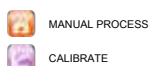
Engine ISB CM850 SAE J1708, Engine Control System      

Engine ISB CM850 SAE J1939, Engine management system     

Engine ISB4.5 /6.7 - ISD 4.5/6.7 CM2150 SN, Engine control system     

Engine ISBe CM800, Engine control system      

Engine ISBe Euro4/5 CM2150 SAE J1708, Engine control system     





Engine	ISBe2/3 CM850, Engine control system							
Engine	ISBe4 (4 & 6 cylinder) CM850 SAE J1708, Engine control system							
Engine	ISBe4 CM850 SAE J1939, Engine control system							
Engine	ISC - ISL - ISB CM2250, Engine control system							

ISC

Engine	ISC - ISL - ISB CM2250, Engine control system							
Engine	ISC 8.3 CM2250 SAE J1939, Engine control system							
Engine	ISC CM2150D, Engine control system							
Engine	ISC CM554, Engine control system							
Engine	ISC CM850 SAE J1708, Engine control system							
Engine	ISC CM850 SAE J1939, Engine control system							

ISD

Engine	ISB4.5 /6.7 - ISD 4.5/6.7 CM2150 SN, Engine control system							
Engine	ISDe - ISLe CM2150, Engine control system							
Engine	ISDe CM2150C, Engine control system							

ISF

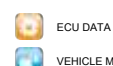
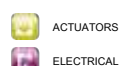
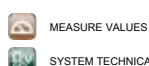
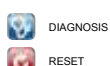
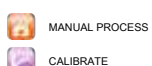
Engine	ISF 2.8 - ISF 3.8 CM2220, Engine control system							
Engine	ISF 2.8 CM2220 S, Engine control system							
Engine	ISF 3.8 CM2220 S, Engine control system							
Engine	ISFe3 CM2220, Engine control system							

ISL

Engine	ISC - ISL - ISB CM2250, Engine control system							
Engine	ISDe -ISLe CM2150, Engine control system							
Engine	ISL CM2150D, Engine control system							
Engine	ISL CM554, Engine control system							
Engine	ISL CM850, Engine control system							
Engine	ISL G CM2180A, Engine control system							
Engine	ISL8.9 CM850, Engine control system							
Engine	ISL9 CM2250, Engine control system							
Engine	ISLe CM2150C, Engine control system							
Engine	ISLe4 (6 cylinder) CM850, Engine control system							
Engine	ISLe4.5 / 5 CM2150, Engine control system							

ISM

Engine	ISM - ISM11 CM876 SN, Engine control system							
Engine	ISM CM570, Engine control system							
Engine	ISM CM870, Engine control system							





Engine	ISM CM875, Engine control system						
Engine	ISM CM876 SAE J1708, Engine control system						
Engine	ISM CM876 SAE J1939, Engine control system						
Engine	ISMe4 CM876, Engine control system						

ISX

Engine	ISX /ISZ13 CM2150 SN, Engine control system						
Engine	ISX 11.9/15 CM2250, Engine control system						
Engine	ISX CM2250, Engine control system						
Engine	ISX CM871 SAE J1708, Engine control system						
Engine	ISX CM871 SAE J1939, Engine control system						
Engine	Signature ISX CM570, Engine control system						
Engine	Signature ISX CM870 SAE J1708, Engine control system						
Engine	Signature ISX CM870 SAE J1939, Engine control system						

ISZ

Engine	ISX /ISZ13 CM2150 SN, Engine control system						
Engine	ISZ CM2150D, Engine control system						

KTA

Engine	KTA19GC CM558, Engine control system						
Engine	KTA38GC CM558, Engine control system						

L10G

Engine	L10G, Engine control system						
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QSB

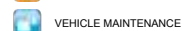
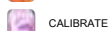
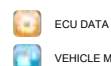
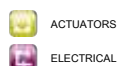
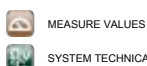
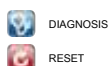
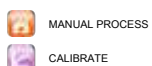
Engine	QSB 5.9/44 - 5.9/30 - 4.5/30 - 3.9/30, Engine control system						
Engine	QSB CM850, Engine control system						
Engine	QSB3.3 CM2150D, Engine control system						
Engine	QSB4.5/5.9/6.7 CM850 SAE J1708, Engine control system						
Engine	QSB5/7 CM850 Power Gen, Engine control system						
Engine	QSB6.7 CM2250, Engine control system						

QSC

Engine	QSC8.3 CM850, Engine control system						
Engine	QSC8.3/QSL9, Engine control system						

QSK

Engine	QSK19 CM2150 MCRS, Engine control system						
Engine	QSK19 CM2150 Power Gen, Engine control system						





Engine	QSK19 CM850 MCRS, Engine control system						
Engine	QSK19 CM850 Power Gen, Engine control system						
Engine	QSK19/23 CM500, Engine control system						
Engine	QSK19/45/60/78, Engine control system						
Engine	QSK19G, Engine control system						
Engine	QSK23/60/78 CM500 Power Gen, Engine control system						
Engine	QSK23/60/78 CM850 Power Gen, Engine control system						
Engine	QSK38 CM850 MCRS, Engine control system						
Engine	QSK38 CM850 Power Gen, Engine control system						
Engine	QSK38/50/60 CM2150 MCRS, Engine control system						
Engine	QSK38/50/60 CM2150 Power Gen, Engine control system						
Engine	QSK45G, Engine control system						
Engine	QSK50/60 CM850 Power Gen, Engine control system						
Engine	QSK60G, Engine control system						

QSL

Engine	QSC8.3/QSL9, Engine control system						
Engine	QSL CM850, Engine control system						
Engine	QSL9 CM2250, Engine control system						
Engine	QSL9 CM850, Engine control system						

QSM

Engine	QSM11 CM876 Power Gen, Engine control system						
Engine	QSM11, Engine control system						

QST

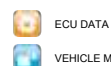
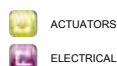
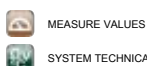
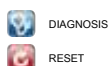
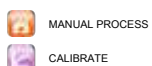
Engine	QST30 Industrial, Engine control system							
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QSV

Engine	QSV81/91, Engine control system						
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QSX

Engine	Signature QSX15 CM570, Engine control system							
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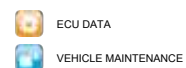
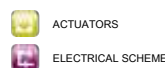
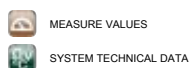
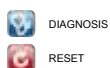
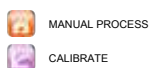


Detroit Diesel

Engine	EDC DDEC II, Detroit Diesel Electronic Control											
Engine	EDC DDEC III (1993 - 1997), Detroit Diesel Electronic Control											
Engine	EDC DDEC IV (1998 - 2003), Detroit Diesel Electronic Control											
Engine	EDC DDEC V (2004 - 2006), Detroit Diesel Electronic Control											







MB

Engine	EDC Detroit Diesel MBE 4000 SAE J1708, Engine control system											
Engine	EDC Detroit Diesel MBE 4000 SAE J1939, Engine control system											
Engine	EDC Detroit Diesel MBE 900 SAE J1708, Engine control system											
Engine	EDC Detroit Diesel MBE 900 SAE J1939, Engine Control System											

















1013 

Engine MS 6.2, Engine managment system, pump-injectors      







1015

Engine MS 6.2, Engine managment system, pump-injectors      







2011

Engine MS 6.2, Engine managment system, pump-injectors      







912

Engine MS 6.2, Engine managment system, pump-injectors      







913

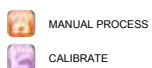
Engine MS 6.2, Engine managment system, pump-injectors      

914

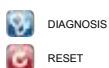
Engine MS6.2, Engine managment system, pump-injectors      

TCD 2013

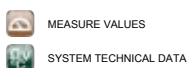
Engine MS 6.2, Engine managment system, pump-injectors      



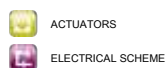
MANUAL PROCESS



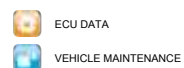
DIAGNOSIS



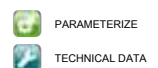
MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



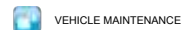
RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE



TECHNICAL DATA



Eaton

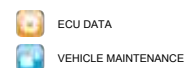
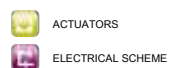
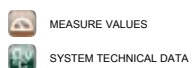
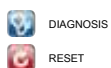
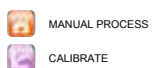
Gearbox

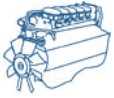
TECU Shift Gen 1, Transmission



Gearbox

TECU Shift Gen 2, Transmission





Cursor



Engine	EDC MS6.2, Engine management system, pump-injectors										
Engine	EDC7 UC31, Engine management system, pump-injectors										

F1A0

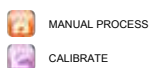
Engine	EDC MS6.3, Electronic diesel control, injection rail										
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F1C0

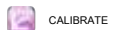
Engine	EDC 16 C8, Electronic Diesel Control										
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Tector

Engine	EDC 7 UC31, Electronic diesel control, injection rail										
Engine	EDC 7, Electronic diesel control, injection rail										



MANUAL PROCESS



CALIBRATE



DIAGNOSIS



RESET



MEASURE VALUES



SYSTEM TECHNICAL DATA



ACTUATORS



ELECTRICAL SCHEME



ECU DATA



VEHICLE MAINTENANCE



PARAMETERIZE



TECHNICAL DATA



E7

Engine	V-MAC II, Engine control system						
Engine	V-MAC III, Engine control system						

EM7

Engine	V-MAC II, Engine control system						
Engine	V-MAC III, Engine control system						

MP10 US07

Central computer	VCM (Vehicle Control Module) MACK, Vehicle management computer						
Instrument cluster	INS MACK, Instrument cluster						
Engine	V-MAC IV, Engine control system						

MP10 US10

Central computer	VCM (Vehicle Control Module) MACK, Vehicle management computer						
Instrument cluster	INS MACK, Instrument cluster						
Engine	V-MAC IV, Engine control system						

MP7 US07

Central computer	VCM (Vehicle Control Module) MACK, Vehicle management computer						
Instrument cluster	INS MACK, Instrument cluster						
Engine	V-MAC IV, Engine control system						

MP7 US10

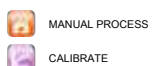
Central computer	VCM (Vehicle Control Module) MACK, Vehicle management computer						
Instrument cluster	INS MACK, Instrument cluster						
Engine	V-MAC IV, Engine control system						

MP8 US07

Central computer	VCM (Vehicle Control Module) MACK, Vehicle management computer						
Instrument cluster	INS MACK, Instrument cluster						
Engine	V-MAC IV, Engine control system						

MP8 US10

Central computer	VCM (Vehicle Control Module) MACK, Vehicle management computer						
Instrument cluster	INS MACK, Instrument cluster						
Engine	V-MAC IV, Engine control system						



MANUAL PROCESS



DIAGNOSIS



MEASURE VALUES



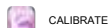
ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE

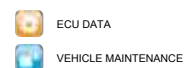
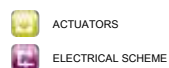
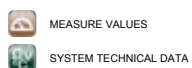
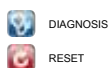
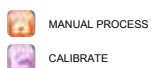


TECHNICAL DATA



Generic

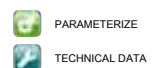
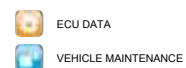
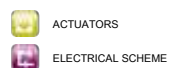
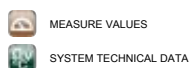
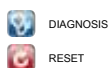
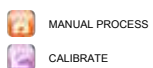
Central computer	ADM 2, Vehicle management computer												
Central computer	ADM, Vehicle management computer												
Central computer	FMR, Gear shift regulation system												
Central computer	FR, Electronic gear shift regulation												
Engine	EMR, Pump-Pipe-Injector with electronic diesel control												
Engine	MR / PLD (4L & 6L cylinder), Pump-Pipe-Injector with electronic diesel control												
Engine	MR / PLD (6V & 8V cylinder), Pump-Pipe-Injector with electronic diesel control												
Engine	MR, Detroit Diesel Engine MBE 900, Engine control system												
Engine	MR, Detroit Diesel MBE 4000, Engine control system												





Meritor Wabco

Brakes	ABS D/E, Antilock braking system								
Brakes	HABS, Anti-lock hydraulic braking system								
ABS Trailer	TABS Easy Stop I, Antilock braking system								
ABS Trailer	TABS Easy Stop II, Antilock braking system								





MWM

Acteon 6.12TCE

Engine

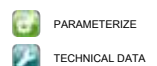
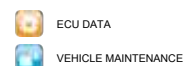
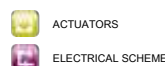
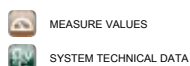
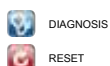
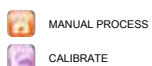
EDC 7, Diesel injection control, injection rail





Navistar

Engine	EDC DLC I6 (1998-2004), Engine control system											
Engine	EDC DLC V8 (1998-2004), Engine control system											
Engine	EDC DLCII I6 (2004-2006), Engine control system											
Engine	EDC DLCII V6 (2005-2006), Engine control system											
Engine	EDC DLCII V8 (2002-2006), Engine control system											
Engine	EDC Navistar 3-BOX, Engine control system											
Engine	MaxxForce 11/13 (2008 - 2009) SAE J1708, Engine control system											
Engine	MaxxForce 11/13 (2008 - 2009) SAE J1939, Engine management system											
Engine	MaxxForce 5 (2007 - 2009) SAE J1708, Engine control system											
Engine	MaxxForce 5 (2007 - 2009) SAE J1939, Engine management system											
Engine	MaxxForce 7 (2007 - 2009) SAE J1708, Engine control system											
Engine	MaxxForce 7 (2007 - 2009) SAE J1939, Engine management system											
Engine	MaxxForce DT/9/10 (2007 - 2009) SAE J1708, Engine control system											
Engine	MaxxForce DT/9/10 (2007 - 2009) SAE J1939, Engine control system											





MX

Engine

PMCI, Multi-Controlled Injection



PX - 6

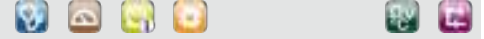
Engine

PX - 6 Engine SAE J1708, Engine Control System



Engine

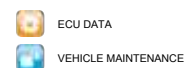
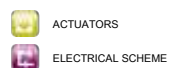
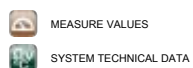
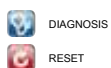
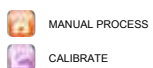
PX - 6 Engine SAE J1939, Engine control system

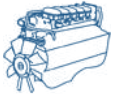


PX - 8

Engine

PX - 8 Engine SAE J1708, Engine Control System





D11F

Gearbox	TCM (Transmission Control Module) I-Shift V2, Transmission											
Central computer	VCM (Vehicle Control Module) V2, Vehicle Electronic Control Unit											
Instrument cluster	INS, Instrument cluster											
Engine	ECM (Engine Control Module) V2, Engine management system											
Multiplex	CIM (Chassis Interface Module), Instrument cluster											

D11H

Gearbox	TCM (Transmission Control Module) I-Shift V2, Transmission											
Central computer	VCM (Vehicle Control Module) V2, Vehicle Electronic Control Unit											
Instrument cluster	INS, Instrument cluster											
Engine	ECM (Engine Control Module) V2, Engine management system											
Multiplex	CIM (Chassis Interface Module), Instrument cluster											

D12

Engine	ECM (Engine Control Module) Vectro I, Engine management system											
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D12A

Engine	ECM (Engine Control Module) Vectro I, Engine management system											
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D12B

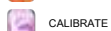
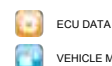
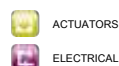
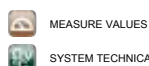
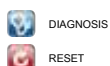
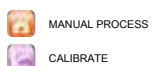
Central computer	VCM (Vehicle Control Module), Vehicle Electronic Control Unit											
Engine	ECM (Engine Control Module) Vectro II, Engine management system											

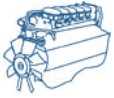
D12C

Central computer	VCM (Vehicle Control Module), Vehicle Electronic Control Unit											
Engine	ECM (Engine Control Module) Vectro II, Engine management system											

D12D

Gearbox	TCM (Transmission Control Module) I-Shift V2, Transmission											
Central computer	VCM (Vehicle Control Module) V2, Vehicle Electronic Control Unit											
Instrument cluster	INS, Instrument cluster											
Engine	ECM (Engine Control Module) Vectro III, Engine management system											
Multiplex	CIM (Chassis Interface Module), Instrument cluster											





D13B



Gearbox	TCM (Transmission Control Module) I-Shift V2, Transmission								
Central computer	VCM (Vehicle Control Module) V2, Vehicle Electronic Control Unit								
Instrument cluster	INS, Instrument cluster								
Engine	ECM (Engine Control Module) V2, Engine management system								
Multiplex	CIM (Chassis Interface Module), Instrument cluster								

D13F



Gearbox	TCM (Transmission Control Module) I-Shift V2, Transmission								
Central computer	VCM (Vehicle Control Module) V2, Vehicle Electronic Control Unit								
Instrument cluster	INS, Instrument cluster								
Engine	ECM (Engine Control Module) V2, Engine management system								
Multiplex	CIM (Chassis Interface Module), Instrument cluster								

D13H

Gearbox	TCM (Transmission Control Module) I-Shift V2, Transmission								
Central computer	VCM (Vehicle Control Module) V2, Vehicle Electronic Control Unit								
Instrument cluster	INS, Instrument cluster								
Engine	ECM (Engine Control Module) V2, Engine management system								
Multiplex	CIM (Chassis Interface Module), Instrument cluster								

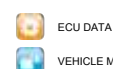
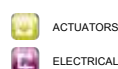
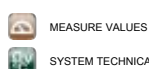
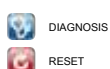
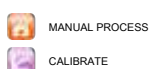
D16D

Gearbox	TCM (Transmission Control Module) I-Shift V2, Transmission								
Central computer	VCM (Vehicle Control Module) V2, Vehicle Electronic Control Unit								
Instrument cluster	INS, Instrument cluster								
Engine	ECM (Engine Control Module) V2, Engine management system								
Multiplex	CIM (Chassis Interface Module), Instrument cluster								

D16F



Gearbox	TCM (Transmission Control Module) I-Shift V2, Transmission								
Central computer	VCM (Vehicle Control Module) V2, Vehicle Electronic Control Unit								
Instrument cluster	INS, Instrument cluster								
Engine	ECM (Engine Control Module) V2, Engine management system								
Multiplex	CIM (Chassis Interface Module), Instrument cluster								





D16H

Gearbox	TCM (Transmission Control Module) I-Shift V2, Transmission									
Central computer	VCM (Vehicle Control Module) V2, Vehicle Electronic Control Unit									
Instrument cluster	INS, Instrument cluster									
Engine	ECM (Engine Control Module) V2, Engine management system									
Multiplex	CIM (Chassis Interface Module), Instrument cluster									

D7

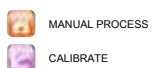
Engine	ECM (Engine Control Module) Vectro I, Engine management system									
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D7A

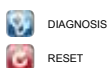
Engine	ECM (Engine Control Module) Vectro I, Engine management system									
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D7C

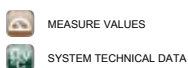
Central computer	VCM (Vehicle Control Module), Vehicle Electronic Control Unit									
Engine	ECM (Engine Control Module) Vectro II, Engine management system									



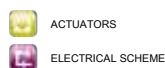
MANUAL PROCESS



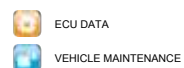
DIAGNOSIS



MEASURE VALUES



ACTUATORS



ECU DATA



PARAMETERIZE



CALIBRATE



RESET



SYSTEM TECHNICAL DATA



ELECTRICAL SCHEME



VEHICLE MAINTENANCE

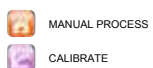


TECHNICAL DATA



ZF Meritor

Gearbox	FreedomLine SAE J1708, Transmission					
Gearbox	FreedomLine SAE J1939, Transmission					
Gearbox	SureShift, Transmission					
Gearbox	ZF FreedomLine (K Line), Gearbox with electronic control					



MANUAL PROCESS



CALIBRATE



DIAGNOSIS



RESET



MEASURE VALUES



SYSTEM TECHNICAL DATA



ACTUATORS



ELECTRICAL SCHEME



ECU DATA



VEHICLE MAINTENANCE



PARAMETERIZE



TECHNICAL DATA

TECHNICAL RELEASES

- Mercedes Benz. Models SK. Gearbox. Reprogramming.
- Performance of 4th generation Allison gear shift control selector.
- Performance of 3rd generation Allison gear shift control selector
- Filters, oils and Allison recommendations.
- Trailer Knorr-Bremse. Parameters configuration.
- NISSAN ATLEON. Vehicle identification by chassis number.
- MS 6.4. Idle revolutions adjustment.
- Scania Series 4. MS 6.2 PDE. Idle revolutions adjustment.
- EBS Knorr Bremse. System check procedure. Errors deleting.
- IVECO. BOSCH ABS 2X. Failure in the pneumatic-hydraulic converter.
- DAF. ABS. Brake pads wearing indicator.
- Mercedes Benz. GS I Gearbox. Clutch reprogramming.
- Nissan Primastar. Maintenance reset.
- Trailer. WABCO EBS. Replacement of version C for version D
- Knorr Bremse. EBS generations identification.
- Renault. Maintenance. Reset.
- Trailer. WABCO. EBS. Module replacement.
- MAN. Series 2000. Manual maintenance.
- Mercedes Benz. MR - FR. Replacement of "Linnig" type clutch for "vicious" type.
- MAN TGA. Engine. Starting problems.
- EDC M7. Manual clearance of errors.
- IVECO. Gearbox ZF. Information messages.
- Mercedes Benz I. FR Learn - Manual reprogramming of accelerator pedal.
- Mercedes Benz. GS II Gearbox. Clutch reprogramming.
- MAN. Adaptive Cruise Control (ACC).
- Troubleshooting. Error: Incorrect response from the mechanical system / mechanical error.
- Troubleshooting. Error: Defective unit or component.
- Troubleshooting. Error: Valid data, but below normal operational range.
- Troubleshooting. Error: Valid data but higher than the normal operational range.
- Troubleshooting. Error: Low tension or short circuit to a lower tension.
- Troubleshooting. Error: Short circuit to positive or power supply.
- Troubleshooting. Error: Short circuit to ground.
- Troubleshooting. Error: Current too low or open circuit.
- Troubleshooting. Error: Incorrect or intermittent data.
- Volvo Trucks. Particulate filter regeneration.
- Performance of 2009 4th generation Allison gear shift control selector.
- Mack Trucks. Regeneration of the particulate filter.
- D12C Engines. Modification on the installation of the exhaust brake valve.
- General indications about AdBlue
- Troubleshooting. Error: Values out of calibration or unadjusted component (values out of range).

INTERACTIVE RELEASES

- Electronic architecture of Iveco Stralis communications bus
- Electronic architecture of communications bus DAF LF45 IV and LF55 IV
- Electronic architecture of communications bus Renault Magnum Dxi and Premium Dxi (Euro 4/5)
- Electronic architecture of communications bus Mercedes Actros 2,3
- Electronic architecture of communications bus Scania Series R, P and G
- Electronic architecture of the communications bus DAF XF105 and CF85 IV
- Electronic architecture of the communications bus Volvo V2
- Electronic architecture of MAN TGA communication bus
- Electronic architecture of Renault Midlum Dxi and Kerax Dxi communications bus