



# 2012 Release 3 News

## TRUCKS

### New brand

Nissan Trucks is added as a new brand with vehicle specific diagnostics. The coverage is for Fault codes and Service Light Reset for year models from 2005 to 2012.

### Intelligent System Update

ISU - is an Online update system for CARS and TRUCKS software. This makes it possible for all users to always have the latest available version installed without any efforts or struggles. Simply connect your computer to internet on regular basis and the latest software will automatically be downloaded and installed. Everything happens in the background as you continue to work as normal.

### Cummins Euro 5

Addition of diagnostics for Cummins Euro 5 engines for DAF and Generic Bus.

### Up to date

Scania models are updated to year 2012. Mercedes Actros MP IV is updated with adjustment and settings functionality in 2012 year model.

## GUIDE

Brand		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
Model	2004-2007	●	●	●	●			●	●	●
Adjustments	2004-2006	●	●							
Programmings and tests	2006-2007								●	

Brand and Models are listed as in the CARS and TRUCKS software.

Year range in model includes a complete range for all systems with new or updated functionality.

The OBD functions e.g. Adjustments and programmings that are listed are new or updated for the marked system.

Systems with markers are new or updated with read/erase fault codes, real time data and/or activations.





Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
■	■	■	■	■	■	■	■	■

## Dennis Eagle

Elite	1998-2000	●								
Cylinder deactivation	1998-2000	●								

Elite 2	2001-2012	●		●		●				●
AdBlue freeze monitor, calibration	2005-2012	●								
Control button test	2005-2012			●						
Cylinder Balancing	2005-2012	●								
Cylinder compression	2005-2012	●								
Cylinder deactivation	2001-2012	●								
Dosing, test	2005-2012	●								
SCR system drain, test	2005-2012	●								
Solenoid valves test	2005-2012					●				
Start-up SCR, test	2005-2012	●								
Urea crystallisation SCR Catalytic silencer, rege	2005-2012	●								
Warm-up valve, test	2005-2012	●								
Vehicle preset max speed	2005-2012	●								

Olympus	2005-2012	●		●		●				●
AdBlue freeze monitor, calibration	2005-2012	●								
Control button test	2005-2012			●						
Cylinder Balancing	2005-2012	●								
Cylinder compression	2005-2012	●								
Cylinder deactivation	2005-2012	●								
Dosing, test	2005-2012	●								
SCR system drain, test	2005-2012	●								
Solenoid valves test	2005-2012					●				
Start-up SCR, test	2005-2012	●								
Urea crystallisation SCR Catalytic silencer, rege	2005-2012	●								
Warm-up valve, test	2005-2012	●								
Vehicle preset max speed	2005-2012	●								



Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
■	■	■	■	■	■	■	■	■

## Fiat

Doblo [00-09]	2001-2009			●					●	
Audio system test	2006-2009								●	
Bluetooth Network disconnection	2006-2009								●	
Convergence system reset	2006-2009								●	
Language Change	2002-2009			●						

Ducato [-05]	2003-2005							●		
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Scudo [07-]	2007-2011							●		
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## Ford

Tourneo Connect	2002-2006								●	
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Ranger	2012	●	●	●		●		●	●	
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Transit Connect	2002-2006								●	
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Transit [06-]	2006-2009	●								
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Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
■	■	■	■	■	■	■	■	■

## Generic Bus Systems

All supported systems	All years	●	●			●				
Indicator lamps on instrument panel	All years		●							
Reading statistical data	All years					●				
Vehicle preset max speed	All years	●								
Wheel speed sensors	All years		●							

12-pin Renault diagnostic socket	All years	●	●			●				
Reading statistical data	All years					●				
System test while operating	All years					●				

16-pin J1962 diagnostic socket	All years	●	●							
Indicator lamps on instrument panel	All years		●							
Wheel speed sensors	All years		●							

37-pin MAN diagnostic socket	All years		●			●				
Allocation drive program	All years					●				
Allocation drive program 2	All years					●				
Current settings drive program	All years					●				
Reading statistical data	All years					●				
Status customer parameters	All years					●				
Status 'Neutral when stationary' parameter	All years					●				
Status output parameter	All years					●				
Status shift parameters	All years					●				
System test while operating	All years					●				

9-pin Deutsch diagnostic socket	All years	●								
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30-pin Iveco diagnostic socket	All years					●				
Solenoid valves test	All years					●				





Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
■	■	■	■	■	■	■	■	■

## Irisbus Chassis

Crossway	2008-2011			●		●				
Solenoid valves test	2008-2011					●				

Crossway LE	2008-2011			●		●				
Solenoid valves test	2008-2011					●				

New Recreo	2008-2011			●		●				
Solenoid valves test	2008-2011					●				

Arway	2008-2011			●		●				
Solenoid valves test	2008-2011					●				

Evadys	2001-2011	●	●	●		●			●	
Reading statistical data	2001-2006					●				
Solenoid valves test	2008-2011					●				
System test while operating	2001-2006					●				

Magelys	2008-2011			●					●	
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Eurorider/Domino	2001-2011	●	●	●		●			●	
Cylinder deactivation	2001-2006	●								
Reading statistical data	2001-2006					●				
Solenoid valves test	2008-2011					●				
System test while operating	2001-2006					●				

Citelis	2001-2011	●	●	●		●	●		●	
Cylinder deactivation	2007	●								
Engine brake valve	2007	●								
Engine speed	2007	●								
Reading statistical data	2001-2006					●				
Solenoid valves test	2007-2011					●				
System test while operating	2001-2007					●				

Heuliezbus	2001-2011	●	●	●		●			●	
Reading statistical data	2001-2006					●				
Solenoid valves test	2008-2011					●				
System test while operating	2001-2006					●				

		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		■	■	■	■	■	■	■	■	■
Crealis	2008-2011			●		●			●	
Solenoid valves test	2008-2011					●				
Europolis	2008-2011		●							
Midirider/Midys/Mydway	2001-2011	●	●	●		●			●	
Cylinder deactivation	2001-2006	●								
Solenoid valves test	2008-2011					●				
System test while operating	2001-2006					●				
Proxys/Proway	2001-2006	●								
Cylinder deactivation	2001-2006	●								
Cityclass cursor	2001-2011	●	●			●			●	
Reading statistical data	2001-2006					●				
Solenoid valves test	2008-2011					●				
System test while operating	2001-2006					●				
Agora	1998-2006	●	●			●			●	
Reading statistical data	2001-2006					●				
System test while operating	2001-2006					●				
Iliade	1998-2006	●	●	●		●			●	
Reading statistical data	2001-2006					●				
System test while operating	2001-2006					●				
Axer/Recreo/Range 900	1998-2006	●				●				
Reading statistical data	2001-2006					●				

Engine  
 Brake  
 Instrument  
 AC  
 Gearbox  
 Immobiliser  
 Restraints  
 Multifunction  
 Service

Iveco

Daily [06-]	2006-2011					●					
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Iveco Trucks

EuroCargo	2003-2011					●			●		
Clutch closing Valve: MV8	2006-2011					●					
Clutch closing Valve: MV9	2006-2011					●					
Clutch closing Valves: MV8_MV9	2006-2011					●					
Clutch opening Valve: MV7	2006-2011					●					
Engage Valve: MV3	2006-2011					●					
Engage Valve: MV4	2006-2011					●					
Engage Valve: MV5	2006-2011					●					
Hydraulic pump	2006-2011					●					
Selection Valve: MV1	2006-2011					●					
Selection Valve: MV2	2006-2011					●					

















Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
■	■	■	■	■	■	■	■	■

Mercedes Truck

Actros MP IV	2012	●	●	●	●	●			●	
Actuation of AdBlue delivery pump	2012	●								
Actuation of AdBlue heating element	2012	●								
Adaption Throttle valve actuator	2012	●								
Air distribution flap actuator motor	2012				●					
Blower motor speed level	2012				●					
Calibration level sensors	2012								●	
Circulation coolant pump	2012				●					
Combustion air blower	2012				●					
Compression test	2012	●								
Defroster flap actuator motor	2012				●					
Exhaust gas recirculation	2012	●								
Flooding of retarder	2012		●							
Fresh air / Recirculation flap actuator motor	2012				●					
Fuel metering pump	2012				●					
Glow plug	2012				●					
Heating mode	2012				●					
Proportional valve test	2012	●								
Refrigerant compressor magnetic clutch	2012				●					
Solenoid valve test	2012								●	
Temperature control	2012				●					
Test of clutch	2012					●				

Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
●	■	■	■	■	■	■	■	■

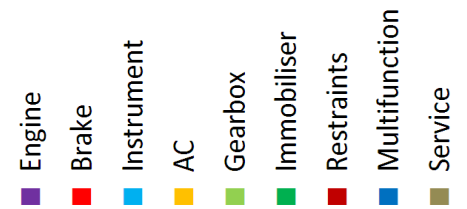
## Nissan

Interstar X70	2003-2008	●								
Adaptives after regenerating particle filter	2003-2008	●								
Air conditioning compressor	2003-2008	●								
Air conditioning compressor relay control	2003-2008	●								
Air inlet flap	2003-2008	●								
Coolant circuit switching solenoid valve	2003-2008	●								
Deactivate maximum speed limit	2003-2008	●								
Deactivation fast idle speed function	2003-2008	●								
EGR valve	2003-2008	●								
End of cruise control / Speed limiter programm	2003-2008	●								
Fast idle speed function	2003-2008	●								
First EGR cooling pump	2003-2008	●								
Fuel shut off	2003-2008	●								
Heating resistor relay 3	2003-2008	●								
Injection solenoid valve opening particle filter	2003-2008	●								
Low pressure pump relay	2003-2008	●								
Maximum speed limiter	2003-2008	●								
Particle filter injector	2003-2008	●								
Particle filter injector solenoid valve	2003-2008	●								
Proportional richness sensor programming	2003-2008	●								
Reinitialisation air inlet temperature sensor	2003-2008	●								
Relay, preheater	2003-2008	●								
Second EGR cooling pump	2003-2008	●								
Thermoplunger no1 relay control	2003-2008	●								
Thermoplunger no2 relay control	2003-2008	●								
Thermoplunger no3 relay control	2003-2008	●								
Turbocharging solenoid valve	2003-2008	●								
Water pump relay	2003-2008	●								









## Renault

Trafic II	2001-2012	●	●	●		●		●	●	
+ Accessories feed 1+2	2012							●		
+ Accessories feed relay no. 3	2012							●		
ABS/ESP calibration programming	2001-2012		●							
AC compressor relay	2012	●								
Accelerator pedal position sensor A circuit	2012	●								
Accelerator pedal/motorised throttle circuit	2004-2012	●								
Actuators sequential control	2010-2012					●				
ADAC (Trip computer) display type; Brazil	2010-2012			●						
ADAC (Trip computer) display type; Europé	2010-2012			●						
ADAC display type	2010-2012			●						
Adaptives after regenerating particle filter	2001-2012	●								
Advance actuator command	2012	●								
AHL Adaptive curve lights	2010-2012			●						
Air conditioning compressor	2001-2012	●								
Air conditioning compressor relay control	2001-2012	●								
Air conditioning type	2004-2012							●		
Air conditioning with wire connection	2010-2012					●				
Air conditioning without wire connection	2010-2012					●				
Air damper valve programming	2012	●								
Air inlet flap	2001-2012	●								
Air Inlet Flap Motor command	2012	●								
Air path programming	2012	●								
Alarm	2004-2012							●		
Analog/digital clock	2010-2012			●						
Arabia overspeed	2010-2012			●						
Automatic brake lighting activation	2001-2012		●							
Automatic brake lighting deactivation	2001-2012		●							
Automatic driving light.	2010-2012			●						
Automatic gearbox	2010-2012			●				●		
Automatic light system	2010-2012			●						
Automatic lightning function	2004-2012							●		
Automatic Locking when Driving	2012							●		
Automatic wiper function	2004-2012							●		
Auxiliary water pump	2012	●								
B1 brake control solenoid valve	2010-2012					●				
B2 brake control solenoid valve	2010-2012					●				
Basic power steering	2012							●		
Bleed clutch circuit phase 1	2005-2009					●				
Bleed hydraulic pressure assembly	2005-2009					●				
Bleed hydraulic unit and braking circuits	2001-2012		●							
Bleeding clutch slave cylinder hydraulic circuit	2005-2009					●				











		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		■	■	■	■	■	■	■	■	■
Opening elements central locking	2004-2012								●	
Overspeed alarm command	2010-2012			●						
Parking Aid System	2010-2012			●						
Particle emission filter temperature	2012	●								
Particle filter	2010-2012			●						
Particle filter injector	2001-2012	●								
Particle filter injector control circuit	2012	●								
Particle filter injector solenoid valve	2001-2012	●								
Particle filter regeneration	2012	●								
Particle filter relative pressure sensor	2012	●								
Particulate filter	2010-2012			●						
Power assisted steering minimum assistance	2012								●	
Preheater unit	2012	●								
Preheating control relay 2	2012								●	
Preheating light	2012								●	
Preheating prevention	2012	●								
Preheating relay control	2012								●	
Pressure accumulator discharge	2005-2009					●				
Pressure regulation adaptive	2012	●								
Program clutch open position	2005-2009					●				
Programmed values	2005-2009					●				
Programming clutch point	2005-2009					●				
Programming reinitialisation	2004-2012	●								
Programming selection/engaging zones	2005-2009					●				
Programming throttle limits	2004-2012	●								
Programming valve codes	2012								●	
Proportional richness sensor heating	2012	●								
Proportional richness sensor programming	2001-2012	●								
Pump motor test	2001-2012		●							
Rail pressure adaptives	2012	●								
Rail pressure regulator	2012	●								
Rain/light sensor	2004-2012								●	
Read configurations	2001-2012	●	●	●		●		●	●	
Rear fog lights	2012								●	
Rear screen wiper	2012								●	
Reinit. Extreme cold reverse gear engagement	2005-2009					●				
Reinitialisation air inlet temperature sensor	2001-2012	●								
Reinitialisation egr valve	2012	●								
Relay for Engine Coolant Pump	2012	●								
Relay, preheater	2001-2012	●								
Remote locking buzzer	2012								●	
Reserve fuel	2010-2012			●						
Restart the computer	2010-2012			●						

		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		■	■	■	■	■	■	■	■	■
RH side side on which steering wheel fitted	2012								●	
Rheostat presence	2010-2012			●						
Richness regulation programming	2004-2012	●								
Right indicator light	2012								●	
Robotic gearbox	2010-2012			●						
Robotised gearbox or AT -> CAN connection	2010-2012			●						
Seat belt warning buzzer	2010-2012			●						
Second EGR cooling pump	2001-2012	●								
Selective opening of doors (With)	2012								●	
Selective opening of doors (Without)	2012								●	
Selector lever locking electromagnet	2010-2012					●				
Sequence 1 solenoid valve	2010-2012					●				
Sequence 2 solenoid valve	2010-2012					●				
Side on which steering wheel is fitted	2010-2012			●						
SLC1 (Linear solenoid valve - clutch 1)	2010-2012					●				
Solenoid valve control sequence 1	2010-2012					●				
Solenoid valve control sequence 2	2010-2012					●				
Solenoid valve, fuel circuit	2012	●								
Speedo index programming	2001-2012		●							
Speedometer index	2001-2012		●							
Static test	2012	●								
Static test of actuators	2004-2012	●								
Steering wheel angle programming offset	2001-2012		●							
Steering wheel angle sensor programming	2001-2012		●							
Stop fuel supply prevention	2012	●								
Stop lights activation relay	2001-2012		●							
Stop preheating prevention	2012	●								
Stop warning light illumination request	2010-2012			●						
Tailgate	2012								●	
Tailgate opening request	2012								●	
Temperature display	2004-2012								●	
Temperature unit	2010-2012			●						
Thermoplunger no1 relay control	2001-2012	●								
Thermoplunger no2 relay control	2001-2012	●								
Thermoplunger no3 relay control	2001-2012	●								
Throttle actuator	2004-2012	●								
Tone adjustment	2010-2012								●	
TPMS (Tyre Pressure Monitoring System)	2010-2012			●						
Trajectory control	2010-2012			●						
Trajectory control (ESP)	2010-2012			●						
Trajectory control function	2010-2012			●						
Trajectory control(ABS/Without ESP)	2010-2012			●						
Transverse acceleration programming offset	2001-2012		●							







		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		■	■	■	■	■	■	■	■	■
Voice synthesiser	2010-2012			●						
Volume unit	2010-2012			●						
Write code for injector cylinder 1	2012	●								
Write code for injector cylinder 2	2012	●								
Write code for injector cylinder 3	2012	●								
Write code for injector cylinder 4	2012	●								
Write date new clutch fitted	2005-2009					●				
Write date of last after sales operation	2001-2012		●			●		●		



		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		■	■	■	■	■	■	■	■	■
Reinitialisation air inlet temperature sensor	2000-2008	●								
Relay, preheater	2000-2008	●								
Second EGR cooling pump	2000-2008	●								
Speedo index programming	2002		●							
Steering wheel angle sensor programming	2002		●							
Stop lights activation relay	2002		●							
Temperature display	2004-2008								●	
Thermoplunger no1 relay control	2000-2008	●								
Thermoplunger no2 relay control	2000-2008	●								
Thermoplunger no3 relay control	2000-2008	●								
Turbocharging solenoid valve	2000-2008	●								
Water pump relay	2000-2008	●								
Vehicle speed information	2002		●							
Wheel speed sensors supply test	2002		●							
Wiper intermittent speed ring	2004-2008								●	
Write date of last after sales operation	2002		●							









		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		●	●	●	●	●	●	●	●	●
Preheating prevention	2011-2012	●								
Pressure regulation adaptive	2011-2012	●								
Programming reinitialisation	2011-2012	●								
Programming throttle limits	2011-2012	●								
Proportional richness sensor heating	2011-2012	●								
Proportional richness sensor programming	2008-2012	●								
Pump motor test	2011-2012		●							
Rail pressure adaptives	2011-2012	●								
Rail pressure regulator	2011-2012	●								
Read configurations	2008-2012	●	●	●					●	
Reinitialisation air inlet temperature sensor	2008-2012	●								
Reinitialisation egr valve	2011-2012	●								
Relay for Engine Coolant Pump	2011-2012	●								
Relay, preheater	2008-2012	●								
Reserve fuel	2008-2012			●						
Restart the computer	2008-2012			●						
Rheostat presence	2008-2012			●						
Richness regulation programming	2011-2012	●								
Robotic gearbox	2008-2012			●						
Robotised gearbox or AT -> CAN connection	2008-2012			●						
Seat belt warning buzzer	2008-2012			●						
Second EGR cooling pump	2008-2012	●								
Side on which steering wheel is fitted	2008-2012			●						
Solenoid valve, fuel circuit	2011-2012	●								
Speedo index programming	2008-2012		●							
Speedometer index	2008-2012		●							
Static test	2011-2012	●								
Static test of actuators	2011-2012	●								
Steering wheel angle programming offset	2008-2012		●							
Steering wheel angle sensor	2011-2012								●	
Steering wheel angle sensor programming	2008-2012		●						●	
Stop fuel supply prevention	2011-2012	●								
Stop lights activation relay	2011-2012		●							
Stop preheating prevention	2011-2012	●								
Stop warning light illumination request	2008-2012			●						
Temperature unit	2008-2012			●						
Thermoplunger no1 relay control	2008-2012	●								
Thermoplunger no2 relay control	2008-2012	●								
Thermoplunger no3 relay control	2008-2012	●								
Throttle actuator	2011-2012	●								
TPMS (Tyre Pressure Monitoring System)	2008-2012			●						
Trajectory control	2008-2012			●						
Trajectory control (ESP)	2008-2012			●						



		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		■	■	●	■	■	■	■	■	■
Trajectory control function	2008-2012			●						
Trajectory control(ABS/Without ESP)	2008-2012			●						
Transverse acceleration programming offset	2008-2012		●							
Turbo charge control solenoid valve	2011-2012	●								
Turbo charger boost solenoid valve	2011-2012	●								
Turbo pressure solenoid valve	2011-2012	●								
Turbo regulation solenoid valve	2011-2012	●								
Turbocharging solenoid valve	2008-2012	●								
Tyre pressure	2008-2012			●						
Tyre pressure monitoring	2008-2012			●						
Tyre pressure monitoring	2008-2012			●						
Tyre pressure units	2008-2012			●						
Unlock injector control	2011-2012	●								
Water pump relay	2008-2012	●								
Vehicle function programming	2011-2012	●								
Vehicle speed information	2011-2012		●							
Vehicle speed signal	2008-2012			●						
Vehicle type	2008-2012			●						
Vehicle type; Modus	2008-2012			●						
Wheel speed sensors supply test	2011-2012		●							
Wipers high speed	2008-2012								●	
Wipers slow speed	2008-2012								●	
With AC	2011-2012	●								
With air condition with heated windscreen	2011-2012	●								
With air condition without heated windscreen	2011-2012	●								
With Air conditioning	2011-2012	●								
With Arabian overspeed	2008-2012			●						
With automatic transmission	2011-2012	●								
With boiler	2011-2012	●								
With Cruise control	2008-2012			●						
With hazard warning lights illumination by ABS	2008-2012			●						
With power assisted steering	2011-2012	●								
With thermoplungers	2011-2012	●								
With trajectory control	2008-2012			●						
With tyre pressure monitoring	2008-2012			●						
Without AC	2011-2012	●								
Without air condition with heated windscreen	2011-2012	●								
Without air condition without heated windscree	2011-2012	●								
Without air conditioning	2011-2012	●								
Without Arabian overspeed	2008-2012			●						
Without automatic transmission	2011-2012	●								
Without boiler	2011-2012	●								
Without Cruise control	2008-2012			●						

		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		■	■	■	■	■	■	■	■	■
Without hazard warning lights illumination by	2008-2012			●						
Without power assisted steering	2011-2012	●								
Without thermoplungers	2011-2012	●								
Without trajectory control	2008-2012			●						
Without tyre pressure monitoring	2008-2012			●						
Voice synthesiser	2008-2012			●						
Volume unit	2008-2012			●						
Write code for injector cylinder 1	2011-2012	●								
Write code for injector cylinder 2	2011-2012	●								
Write code for injector cylinder 3	2011-2012	●								
Write code for injector cylinder 4	2011-2012	●								
Write configuration	2008-2012								●	
Write date of last after sales operation	2008-2012		●						●	

		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		■	■	■	■	■	■	■	■	■
Master III	2010-2012	●	●	●	●			●	●	
+ Accessories feed 1+2	2010-2012								●	
+ Accessories feed relay no. 3	2010-2012								●	
ABS/ESP calibration programming	2010-2012		●							
AC compressor relay	2010-2012	●								
Accelerator pedal position sensor A circuit	2010-2012	●								
ADAC (Trip computer) display type; Brazil	2010-2012			●						
ADAC (Trip computer) display type; Europe	2010-2012			●						
ADAC display type	2010-2012			●						
Adaptives after regenerating particle filter	2010-2012	●								
Advance actuator command	2010-2012	●								
AHL Adaptive curve lights	2010-2012			●						
Air conditioning compressor	2010-2012	●							●	
Air conditioning compressor relay control	2010-2012	●								
Air conditioning type	2010-2012								●	
Air damper valve programming	2012	●								
Air inlet flap	2010-2012	●								
Air Inlet Flap Motor command	2010-2012	●								
Air path programming	2010-2012	●								
Alarm	2010-2012								●	
Alternator regulation	2012								●	
Analog/digital clock	2010-2012			●						
Arabia overspeed	2010-2012			●						
Automatic brake lighting activation	2010-2012		●							
Automatic brake lighting deactivation	2010-2012		●							
Automatic driving light.	2010-2012			●						
Automatic gearbox	2010-2012			●					●	
Automatic light system	2010-2012			●						
Automatic lightning function	2010-2012								●	
Automatic Locking when Driving	2010-2012								●	
Automatic wiper function	2010-2012								●	
Auxiliary water pump	2010-2012	●								
Basic power steering	2010-2012								●	
Bleed hydraulic unit and braking circuits	2010-2012		●							
Body version	2010-2012			●						
Brake pressure sensor programming	2010-2012		●							
Buzzer	2012			●						
Camshaft sensor programming	2010-2012	●								
Card reader lightning	2010-2012								●	
Card/Key	2010-2012			●						
Central locking	2010-2012								●	
Central locking key light	2010-2012								●	
Computer initialisation	2010-2012			●						



		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		●	●	●	●	●	●	●	●	●
Electric child safety (With)	2010-2012								●	
Electric child safety (Without)	2010-2012								●	
Electric parking brake	2010-2012			●						
Electric water pump	2010-2012	●								
End of cruise control / Speed limiter programm	2012	●								
Engine adaptives	2012	●								
Engine type	2010-2012								●	
Erase adaptive engine parameters	2010-2012	●								
Erase ECU configurations	2010-2012	●								
Erase EGR-adaptives	2010-2012	●								
Erase memory for triggered alarm	2010-2012								●	
Erase pressure regulation adaptives	2010-2012	●								
Erase programmed values	2010-2012	●								
Erase Vehicle function programming	2010-2012	●								
Erase, after changing tyres	2010-2012								●	
Esp automatic reconnection threshold	2010-2012		●							
ESP sensor programming	2010-2012		●							
Exhaust injector circuit	2012	●								
Fan Speed High	2010-2012								●	
Fan Speed Low	2010-2012								●	
Fan unit high speed relay control	2010-2012	●								
Fan unit low speed request	2010-2012								●	
Fan unit slow speed relay control	2010-2012	●								
Fast idle speed function	2012	●								
Fault finding on starter aerials	2010-2012								●	
First EGR cooling pump	2010-2012	●								
Flywheel target programming	2012	●								
Follow-me-home lighting	2010-2012								●	
Front fog lights	2010-2012								●	
Fuel flap locking	2010-2012								●	
Fuel gauge calibration	2010-2012			●						
Fuel leak test	2010-2012	●								
Fuel pressure regulator	2010-2012	●								
Fuel pressure solenoid valve	2010-2012	●								
Fuel pump relay	2010-2012	●								
Fuel shut off	2010-2012	●								
Fuel supply prevention	2010-2012	●								
Fuel tank capacity	2010-2012			●						
Fuel type	2010-2012			●						
Fuel type, Diesel	2010-2012			●						
Fuel type, Petrol	2010-2012			●						
Gearbox configuration	2010-2012	●								
Gearbox type	2010-2012			●						

		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		■	■	■	■	■	■	■	■	■
Graphic symbols on LCD	2010-2012			●						
Handsfree	2010-2012			●						
Hazard warning lights	2010-2012		●							
Hazard warning lights illumination by ABS	2010-2012								●	
Headlamp washer relay	2010-2012								●	
Headlight high beam	2010-2012								●	
Heated front seat	2010-2012								●	
Heater element auxiliary heater	2010-2012	●								
Heating resistor relay 1	2010-2012	●								
Heating resistor relay 2	2010-2012	●								
Heating resistor relay 3	2010-2012	●								
High pressure circuit leak test	2010-2012	●								
High pressure pump	2010-2012	●								
Highpressure fuel circuit fault finding	2010-2012	●								
Horn	2010-2012								●	
Initialization of the steering angle sensor	2010-2012		●							
Injection solenoid valve opening particle filter	2010-2012	●								
Injector adaptives No.1	2010-2012	●								
Injector adaptives No.2	2010-2012	●								
Injector adaptives No.3	2010-2012	●								
Injector adaptives No.4	2010-2012	●								
Injector cylinder 1	2010-2012	●								
Injector cylinder 2	2010-2012	●								
Injector cylinder 3	2010-2012	●								
Injector cylinder 4	2010-2012	●								
Injector programming	2012	●								
Injector reinitialisation	2010-2012	●								
Inlet flap	2010-2012	●								
Inlet flap reinitialisation	2010-2012	●								
Instrument lightning	2010-2012			●						
Instrument panel needles	2012			●						
Instrument panel warning lights	2012			●						
Interior light illumination	2010-2012								●	
Key Type	2010-2012								●	
Language	2010-2012			●						
Language Change	2010-2012			●						
Left indicator light	2010-2012								●	
Left side on which steering wheel fitted	2010-2012								●	
Light sensor sensitivity, 0	2010-2012								●	
Light sensor sensitivity, 1	2010-2012								●	
Light sensor sensitivity, 2	2010-2012								●	
Light sensor sensitivity, 3	2010-2012								●	
Lightning	2010-2012			●					●	



		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		■	■	■	■	■	■	■	■	■
Read configurations	2010-2012	●	●	●	●			●	●	
Rear fog lights	2010-2012								●	
Rear screen wiper	2010-2012								●	
Recycling motor: external air	2012				●					
Recycling motor: Recycled air	2012				●					
Reinitialisation air inlet temperature sensor	2012	●								
Reinitialisation egr valve	2012	●								
Relay for Engine Coolant Pump	2010-2012	●								
Relay, preheater	2010-2012	●								
Remote locking buzzer	2010-2012								●	
Reserve fuel	2010-2012			●						
Restart the computer	2012			●						
RH side side on which steering wheel fitted	2010-2012								●	
Rheostat presence	2010-2012			●						
Right indicator light	2010-2012								●	
Robotic gearbox	2010-2012			●						
Robotised gearbox or AT -> CAN connection	2010-2012			●						
Seat belt warning buzzer	2010-2012			●						
Second EGR cooling pump	2010-2012	●								
Selective opening of doors (With)	2010-2012								●	
Selective opening of doors (Without)	2010-2012								●	
Side on which steering wheel is fitted	2010-2012			●						
Solenoid valve, fuel circuit	2010-2012	●								
Speedo index programming	2012		●							
Speedometer index	2010-2012		●							
Static test	2010-2012	●								
Steering wheel angle programming offset	2010-2012		●							
Steering wheel angle sensor programming	2010-2012		●							
Stop fuel supply prevention	2010-2012	●								
Stop lights activation relay	2010-2012		●							
Stop preheating prevention	2010-2012	●								
Stop warning light illumination request	2010-2012			●						
Tailgate	2010-2012								●	
Tailgate opening request	2010-2012								●	
Temperature display	2010-2012								●	
Temperature unit	2010-2012			●						
Thermoplunger no1 relay control	2010-2012	●								
Thermoplunger no2 relay control	2010-2012	●								
Thermoplunger no3 relay control	2010-2012	●								
TPMS (Tyre Pressure Monitoring System)	2010-2012			●						
Trajectory control	2010-2012			●						
Trajectory control (ESP)	2010-2012			●						
Trajectory control function	2010-2012			●						

















Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
■	■	■	■	■	■	■	■	■

Trailers

Wabco	All years	●								
Select service interval	All years	●								

Volkswagen

Crafter	2012	●								
Bleeding, fuel system	2012	●								
Catalytic particle filter (CPF) change	2012	●								
Differential pressure sensor	2012	●								
EGR valve	2012	●								
Electronic throttle control	2012	●								
Fuel system adaptation	2012	●								
Injector 1, closing adjustment adaptation	2012	●								
Injector 2, closing adjustment adaptation	2012	●								
Injector 3, closing adjustment adaptation	2012	●								
Injector 4, closing adjustment adaptation	2012	●								
Reset oxygen sensor adaptions	2012	●								

Volvo Bus Chassis

B12M	2001-2004	●								
Vehicle preset max speed	2001-2004	●								

B12B	2001-2004	●								
Vehicle preset max speed	2001-2004	●								

B12R	2001-2004	●								
Vehicle preset max speed	2001-2004	●								



