



# 2013 Release 1 News

## TRUCKS

### New structure

In 2013 Release 1 there has been an addition in the vehicle selection. You can now select Generic Truck to access common systems sorted by manufacturer of the system rather than sorted by brand of vehicle.

### New brand

Diagnostics for KAMAZ trucks has been added. This covers Engine, Brakes and Suspension systems. There are new additional cables to access these systems.

### New cables

A total of 5 new cables will be available from 2013 Release 1. 4 of those are for Wabco and Knorr systems in Generic Truck and Kamaz. The final new cable is for Generic Bus, gearbox and door systems.

### Trailer

The ECU-exchange function for Wabco TEBS is added in the database. This function read the parameters in the existing ECU and configure the new ECU the same.

### New types in the Vehicle selection

There is an addition of three new system types in the vehicle selection in the software. There has been a restructure of system types to easier find the system you are searching for. Suspension, Heating/Cooling and Electrical Vehicle has from now on separate system types.

### Firmware

The firmware which is loaded in the VCI is from this release splitted into smaller sections to enable faster update of the VCI.

## 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
■	■	■	■	■	■	■	■	■

## Citroën

Berlingo Serie 3 [08-]	2008-2013	●	●	●					●	●
Bleed front left hand wheel circuit	2013		●							
Bleed front right hand wheel circuit	2013		●							
Bleed rear left hand wheel circuit.	2013		●							
Bleed rear right hand wheel circuit.	2013		●							
Calibration of steering angle sensor	2013		●							
Catalytic particle filter (CPF) change	2013	●								
Deactivation of economy mode	2013								●	
EGR mixer butterfly replacement	2013	●								
EGR valve	2013	●								
Filling of diesel additive (without external addi	2013	●								
Gyrometer/accelerometer sensor calibration	2013		●							
Regeneration	2013	●								
Replacement of additive tank, pump or pipes (f	2013	●								
Replacement of EGR mixer butterfly and by-pa	2013	●								
Replacement of the additive tank	2013	●								
Reset service	2013									●
Sensor test parking aid	2013								●	
Steering angle decalibration	2013		●							
Trailer relay unit installation	2008-2013								●	
Trailer relay unit uninstallation	2008-2013								●	

Jumpy Serie 3 [07-]	2007-2012	●		●						
EGR mixer butterfly replacement	2007-2012	●								
Injector code programming	2007-2012	●								
Replacement of the EGR valve	2007-2012	●								

Engine  
 Brake  
 Instrument  
 AC  
 Gearbox  
 Immobiliser  
 Restraints  
 Multifunction  
 Service

DAF

LF 55	2001-2010				●						●	
Fuel line filling	2001-2010				●							
Level sensor calibration, 2 bellows on rear axle	2006-2010										●	
Level sensor calibration, 4 bellows on rear axle	2006-2010										●	
CF 75	2001-2011				●							
Fuel line filling	2001-2011				●							
CF 65	2001-2008				●							
Fuel line filling	2001-2008				●							
CF 85	2001-2011				●							
Fuel line filling	2001-2011				●							
XF 105	2006-2011				●							●
Fuel line filling	2006-2011				●							
Read service parameters	2006-2011											●
Write new service parameters, range/date	2006-2011											●
XF 95	2001-2006				●							
Fuel line filling	2001-2006				●							
LF 45	2001-2010				●							
Fuel line filling	2001-2010				●							



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

## Fiat

Ducato [06-]	2006-2012	●	●	●	●			●	●	●
Accelerator and yaw sensors calibration	2012		●						●	
Accept configuration	2012		●							
Air flow meter replacement	2012	●								
Delete oil change servicing information	2012			●						
Dusk and rain sensor check	2012								●	
EGR Valve check	2012	●								
EGR valve programming	2012	●								
EGR valve test	2012	●								
Glow plug preheating circuit test	2012	●								
Injector classification	2006-2012	●								
Injector programming	2012	●								
Injector programming cylinder 1	2012	●								
Injector programming cylinder 2	2012	●								
Injector programming cylinder 3	2012	●								
Injector programming cylinder 4	2012	●								
Injector programming cylinder 5	2012	●								
Key programming	2012								●	
Lambda sensor replacement	2012	●								
Language Change	2012			●						
Language change in the display	2012			●						
Lateral accelerator sensor calibration	2012		●							
Lateral and longitudinal acceleration sensor ca	2012		●							
Lateral and longitudinal acceleration sensor ca	2012		●							
Longitudinal acceleration sensor calibration	2012		●							
Neutral signal learn	2012	●								
Odometer reset button	2012			●						
Oil change	2012	●								●
Oil change reset (only for version with DPF)	2012	●								
Particulate filter regeneration (only for version	2012	●								
Particulate filter replacement	2012	●								
Pressure sensor calibration	2012		●							
Rail pressure sensor replacement	2012	●								
Recall service message	2012			●						●
Release transportmode	2012								●	
Reset adaption	2012	●								
Reset distance to next servicing	2012								●	
Reset odometer	2012			●						
Reset service	2012	●								
Seat belt warning buzzer	2012			●						
Self learnt functions reset	2012	●								
Static test	2012		●							



		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		■	■	■	■	■	■	■	■	■
Doblo [00-09]	2001-2009	●		●				●	●	
Injector classification	2003-2009	●								
Language change in the display	2002-2009			●						
Scudo [07-]	2007-2011	●						●	●	
Injector classification	2007-2011	●								
Fiorino [08-]	2008-2011	●								
Injector classification	2008-2011	●								
Doblo [10-]	2010-2011	●			●				●	
Injector classification	2010-2011	●								
Strada	2002-2010	●		●						

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

## Generic Bus Systems

30-pin Iveco diagnostic socket	All years	●			●				
Accelerated clutch adaption	All years				●				
Bleed clutch actuator	All years				●				
Bleed clutch actuator (fast)	All years				●				
Bleed gearbox actuator	All years				●				
Bleed hydraulic pump	All years				●				
Control outputs	All years				●				
Fill pressure accumulator	All years				●				
Gears, test	All years				●				
Pressure accumulator discharge	All years				●				
Recalculate factor rdyn	All years				●				
Self adaption gearbox system	All years				●				
Self adaption transfer point	All years				●				
System test while operating	All years	●							

16-pin J1962 diagnostic socket	All years	●			●				
Accelerated clutch adaption	All years				●				
Bleed clutch actuator	All years				●				
Bleed clutch actuator (fast)	All years				●				
Bleed gearbox actuator	All years				●				
Bleed hydraulic pump	All years				●				
Control outputs	All years				●				
Fill pressure accumulator	All years				●				
Gears, test	All years				●				
Pressure accumulator discharge	All years				●				
Recalculate factor rdyn	All years				●				
Self adaption gearbox system	All years				●				
Self adaption transfer point	All years				●				
Solenoid valves test	All years	●							

5-pin Mini-USB diagnostic socket	All years				●				
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18-pin Knorr diagnostic socket	All years	●							
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14-pin MB diagnostic socket	All years	●							
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		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
All supported systems	All years		●			●				
Accelerated clutch adaption	All years					●				
Bleed clutch actuator	All years					●				
Bleed clutch actuator (fast)	All years					●				
Bleed gearbox actuator	All years					●				
Bleed hydraulic pump	All years					●				
Control outputs	All years					●				
Control valve left side axle1	All years		●							
Control valve left side axle2	All years		●							
Control valve left side axle3	All years		●							
Control valve right side axle1	All years		●							
Control valve right side axle2	All years		●							
Control valve right side axle3	All years		●							
Fill pressure accumulator	All years					●				
Front left ABS solenoid valve	All years		●							
Front right ABS solenoid valve	All years		●							
Gears, test	All years					●				
Pressure accumulator discharge	All years					●				
Rear ABS solenoid valve	All years		●							
Recalculate factor rdyn	All years					●				
Self adaption gearbox system	All years					●				
Self adaption transfer point	All years					●				
Solenoid valves test	All years		●							
System test while operating	All years		●							

3+6+9-pin ZF diagnostic socket	All years		●			●				
Accelerated clutch adaption	All years					●				
Bleed clutch actuator	All years					●				
Bleed clutch actuator (fast)	All years					●				
Bleed gearbox actuator	All years					●				
Bleed hydraulic pump	All years					●				
Control outputs	All years					●				
Fill pressure accumulator	All years					●				
Gears, test	All years					●				
Pressure accumulator discharge	All years					●				
Recalculate factor rdyn	All years					●				
Self adaption gearbox system	All years					●				
Self adaption transfer point	All years					●				
System test while operating	All years		●							

		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		■	■	■	■	■	■	■	■	■
15-pin Wabco diagnostic socket	All years		●							
12-pin Renault diagnostic socket	All years		●							
Front left ABS solenoid valve	All years		●							
Front right ABS solenoid valve	All years		●							
Rear ABS solenoid valve	All years		●							
System test while operating	All years		●							
37-pin MAN diagnostic socket	All years		●							
16-pin Scania/DAF diagnostic socket	All years		●							
Control valve left side axle1	All years		●							
Control valve left side axle2	All years		●							
Control valve left side axle3	All years		●							
Control valve right side axle1	All years		●							
Control valve right side axle2	All years		●							
Control valve right side axle3	All years		●							
System test while operating	All years		●							







		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		●	●	●	●	●	●	●	●	●
Reset torque limiting	All years	●								
Self adaption gearbox system	All years					●				
Self adaption transfer point	All years					●				
Shut-off cylinder 1	All years	●								
Shut-off cylinder 2	All years	●								
Shut-off cylinder 3	All years	●								
Shut-off cylinder 4	All years	●								
Shut-off cylinder 5	All years	●								
Shut-off cylinder 6	All years	●								
Shut-off cylinder 7	All years	●								
Shut-off cylinder 8	All years	●								
Solenoid valves test	All years		●			●				
Status customer parameters	All years					●				
Status 'Neutral when stationary' parameter	All years					●				
Status output parameter	All years					●				
Status shift parameters	All years					●				
Swirl valve	All years	●								
System test while operating	All years		●			●				
Test for front asr	All years		●							
Test for rear asr	All years		●							
Test of AdBlue delivery circuit	All years	●								
Test of AdBlue pump	All years	●								
Test of AdBlue tank heater solenoid valve	All years	●								
Test of SCR compressed air switching valve	All years	●								
Turbocharger control valve	All years	●								
Turbocharging solenoid valve	All years	●								
Unit pump programming	All years	●								
Unit pump programming cylinder 1	All years	●								
Unit pump programming cylinder 2	All years	●								
Unit pump programming cylinder 3	All years	●								
Unit pump programming cylinder 4	All years	●								
Unit pump programming cylinder 5	All years	●								
Unit pump programming cylinder 6	All years	●								
Unit pump programming cylinder 7	All years	●								
Unit pump programming cylinder 8	All years	●								
Urea crystallisation SCR Catalytic silencer, rege	All years	●								
Vehicle preset max speed	All years	●								
Wheel speed sensor test	All years		●							



		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		●	●	●	●	●	●	●	●	●
Compression test	All years	●								
Compression test	All years	●								
Control outputs	All years					●				
Current settings drive program	All years					●				
Cylinder Balancing	All years	●								
Cylinder compression	All years	●								
Cylinder compression, test	All years	●								
Cylinder deactivation	All years	●								
Delete safety error memory	All years		●							
Disable third brake (retarder)	All years		●							
EGR valve change	All years	●								
EGR valve position	All years	●								
Fill pressure accumulator	All years					●				
Front abs test	All years		●							
Front left ABS solenoid valve	All years		●							
Front right ABS solenoid valve	All years		●							
Fuel delivery control valve	All years	●								
Fuel pump change	All years	●								
Gears, test	All years					●				
Glow plug relay	All years	●								
High-pressure test	All years	●								
Initial startup of SCR exhaust aftertreatment sy	All years	●								
Injection time	All years	●								
Injector code programming	All years	●								
Injector programming	All years	●								
Injector programming cylinder 1	All years	●								
Injector programming cylinder 2	All years	●								
Injector programming cylinder 3	All years	●								
Injector programming cylinder 4	All years	●								
Injector programming cylinder 5	All years	●								
Injector programming cylinder 6	All years	●								
Injectors shut off, test	All years	●								
Low pressure pump	All years	●								
Parameter reading, Tire rolling circumference	All years		●							
Parameter settings: Tire rolling circumference	All years		●							
Parameter settings: Tire rolling circumference	All years		●							
Preheating relay control	All years	●								
Pressure accumulator discharge	All years					●				
Pressure control modules	All years		●							
Pump motor relay	All years		●							
Reading out additional information for SCR fau	All years	●								
Rear abs test	All years		●							
Rear left ABS solenoid valve	All years		●							



		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		■	■	■	■	■	■	■	■	■
Rear right ABS solenoid valve	All years		●							
Recalculate factor rdyn	All years					●				
Reinitialisation egr valve	All years	●								
Reset fault memory bit	All years		●							
Reset of cylinder balancing	All years	●								
Reset torque limiting	All years	●								
Self adaption gearbox system	All years					●				
Self adaption transfer point	All years					●				
Shut-off cylinder 1	All years	●								
Shut-off cylinder 2	All years	●								
Shut-off cylinder 3	All years	●								
Shut-off cylinder 4	All years	●								
Shut-off cylinder 5	All years	●								
Shut-off cylinder 6	All years	●								
Shut-off cylinder 7	All years	●								
Shut-off cylinder 8	All years	●								
Solenoid valves test	All years		●			●				
Status customer parameters	All years					●				
Status 'Neutral when stationary' parameter	All years					●				
Status output parameter	All years					●				
Status shift parameters	All years					●				
Swirl valve	All years	●								
System test while operating	All years					●				
Test for front asr	All years		●							
Test for rear asr	All years		●							
Test of AdBlue delivery circuit	All years	●								
Test of AdBlue pump	All years	●								
Test of AdBlue tank heater solenoid valve	All years	●								
Test of SCR compressed air switching valve	All years	●								
Turbocharger control valve	All years	●								
Turbocharging solenoid valve	All years	●								
Unit pump programming	All years	●								
Unit pump programming cylinder 1	All years	●								
Unit pump programming cylinder 2	All years	●								
Unit pump programming cylinder 3	All years	●								
Unit pump programming cylinder 4	All years	●								
Unit pump programming cylinder 5	All years	●								
Unit pump programming cylinder 6	All years	●								
Unit pump programming cylinder 7	All years	●								
Unit pump programming cylinder 8	All years	●								
Urea crystallisation SCR Catalytic silencer, rege	All years	●								
Vehicle preset max speed	All years	●								
Wheel speed sensor test	All years		●							







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

## Hyundai

H1 [98-06]	1998-2006		●							
Brake bleed system ABS/ESP	1998-2006		●							

## Irisbus Chassis

Iliade	2001-2006		●							
System test while operating	2001-2006		●							

Arway	2008-2011	●	●						●	
Air suspension calibration	2008-2011								●	
Compression test	2008-2011	●								
System test while operating	2008-2011		●							

Magelys	2008-2011	●	●						●	
Air suspension calibration	2008-2011								●	
Compression test	2008-2011	●								
System test while operating	2008-2011		●							

Crossway LE	2008-2011	●	●						●	
Air suspension calibration	2008-2011								●	
Compression test	2008-2011	●								
System test while operating	2008-2011		●							

Evadys	2001-2011	●	●						●	
Air suspension calibration	2008-2011								●	
Compression test	2008-2011	●								
System test while operating	2001-2011		●							

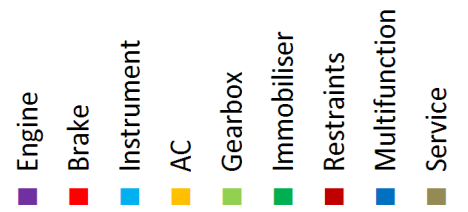
Eurorider/Domino	2001-2011	●	●						●	
Air suspension calibration	2008-2011								●	
Compression test	2008-2011	●								
System test while operating	2001-2011		●							

Euromidi CC	2008-2011	●								
Compression test	2008-2011	●								

Crealis	2008-2011	●							●	
Air suspension calibration	2008-2011								●	
Compression test	2008-2011	●								







Kamaz

Series	Years	Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
55-Series	All years	●	●						●	
44-Series	All years	●	●						●	
64-Series	All years	●	●						●	
65-Series	All years	●	●						●	
53-Series	All years	●	●						●	
43-Series	All years	●	●						●	
39-Series	All years	●	●						●	
63-Series	All years	●	●						●	
54-Series	All years	●	●						●	
45-Series	All years	●	●						●	







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

Mercedes

Sprinter [906]	2006-2013	Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
Air recirculation flap learning	2013	●								
Cleaning or replacement of particular emission	2013	●								
Clear adaption memory	2013	●				●				
Clear counter particle emission filter	2013	●								
Control unit initialization	2013	●							●	
Disable gas operation	2013	●								
Enable gas operation	2013	●								
Evacuate the gas system	2013	●								
Fill the gas system	2013	●								
Flap motors calibration	2013				●					
Forced regeneration	2013	●								
Glow plug, activation	2013	●								
Injection shut-off	2013	●								
Injector programming	2013	●								
Particle filter regeneration	2013	●								
Rail pressure control	2013	●								
Regeneration of diesel particulate filter when d	2013	●								
Replace air filter	2013	●								
Reset control unit	2013	●						●	●	
Reset mass air flow adaptions	2013	●								
Reset service	2013			●						●
Speed limiting	2013	●								
Throttle learning	2013	●								
Throttle position learning	2013	●								
Unlock independent/auxiliary heater	2006-2013				●					

Sprinter [903]	2000-2005	Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
Clutch replacement	2000-2005			●	●	●				
Clutch, adaptation kisspoint	2000-2005					●				
Programming clutch point	2000-2005					●				
Reset the oil service interval	2000-2005			●						
Transmission adaptation	2000-2005					●				

Sprinter [904]	2000-2005	Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
Clutch replacement	2000-2005			●	●	●				
Clutch, adaptation kisspoint	2000-2005					●				
Programming clutch point	2000-2005					●				
Reset the oil service interval	2000-2005			●						
Transmission adaptation	2000-2005					●				

		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		■	■	●	●	●	■	■	■	■
Sprinter [905]	2000-2005			●	●	●				
Clutch replacement	2000-2005					●				
Clutch, adaptation kisspoint	2000-2005					●				
Programming clutch point	2000-2005					●				
Reset the oil service interval	2000-2005			●						
Transmission adaptation	2000-2005					●				
Vario	1996-2006	●							●	
Engine brake valve	2001-2006								●	
Outside temperature sensor	2001-2006								●	
Vito/Viano [W639]	2004-2013	●	●	●	●	●	■		●	●
Bleed front left hand wheel circuit	2012-2013		●							
Bleed front right hand wheel circuit	2012-2013		●							
Bleed rear left hand wheel circuit.	2012-2013		●							
Bleed rear right hand wheel circuit.	2012-2013		●							
Calibration of steering angle sensor	2012-2013		●							
Cleaning or replacement of particulate emission	2012-2013	●								
Clear adaption memory	2012-2013					●				
ESP driving test	2012-2013		●							
Injection shut-off	2012-2013	●								
Injector programming	2012-2013	●								
Normalizing of positioning motors	2012-2013				●					
Rail pressure control	2012-2013	●								
Reset control unit	2012-2013			●						●
Reset mass air flow adaptions	2012-2013	●								
Reset service	2012-2013			●						●
Unlock independent/auxiliary heater	2004-2013				●					
Yaw rate/longitude acceleration sensors	2012-2013		●							
Vito/V-Class [W638]	1996-2003				●					



		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		■	■	■	■	■	■	■	■	■
Parameter settings: Delay period of PTO switch	2010-2012								●	
Parameter settings: Fault properties	2010-2012								●	
Parameter settings: Rear wall	2010-2012								●	
Parameter settings: Roof	2010-2012								●	
Parameter settings: Tire rolling circumference	2010-2012		●							
Parameter settings: Tire rolling circumference	2010-2012		●							
Pressure sensors, Calibration	2010-2012								●	
Read vehicle control unit list	2010-2012								●	
Reading out additional information for SCR fault	2010-2012	●								
Re-learn terminal W ratio	2010-2012								●	
Reset fault memory bit	2010-2012		●							
Reset of cylinder balancing	2010-2012	●								
Reset service	2010-2012								●	●
Selected Maximum Vehicle Speed Limit	2010-2012								●	
Solenoid valve, level control system, lower 3:rd	2010-2012								●	
Solenoid valve, level control system, ventilatio	2010-2012								●	
Test and data sheet 1	2010-2012								●	●
Test and data sheet 2	2010-2012								●	●
Test of AdBlue delivery circuit	2010-2012	●								
Test of AdBlue pump	2010-2012	●								
Test of AdBlue tank heater solenoid valve	2010-2012	●								
Test of SCR compressed air switching valve	2010-2012	●								
Transfer of base module parameters back from	2010-2012								●	
Transfer of base module parameters to the mi	2010-2012								●	
Unit pump programming cylinder 1	2010-2012	●								
Unit pump programming cylinder 2	2010-2012	●								
Unit pump programming cylinder 3	2010-2012	●								
Unit pump programming cylinder 4	2010-2012	●								
Unit pump programming cylinder 5	2010-2012	●								
Unit pump programming cylinder 6	2010-2012	●								
Unit pump programming cylinder 7	2010-2012	●								
Unit pump programming cylinder 8	2010-2012	●								
Updating of control units: From ZDS to control	2010-2012								●	
Updating of ZDS: From control units to ZDS	2010-2012								●	
Water pump	2010-2012				●					

















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

## Nissan

Interstar X70	2003-2008	●								
Air conditioning compressor relay control	2003-2008	●								
Air inlet flap	2003-2008	●								
Air Inlet Flap Motor command	2003-2008	●								
EGR bypass valve	2003-2008	●								
Fan unit high speed relay control	2003-2008	●								
Fan unit slow speed relay control	2003-2008	●								
Fuel pressure regulator	2003-2008	●								
Heating resistor relay 1	2003-2008	●								
Heating resistor relay 2	2003-2008	●								
Heating resistor relay 3	2003-2008	●								
High pressure circuit leak test	2003-2008	●								
Injection solenoid valve opening particle filter	2003-2008	●								
Injector cylinder 1	2003-2008	●								
Injector cylinder 2	2003-2008	●								
Injector cylinder 3	2003-2008	●								
Injector cylinder 4	2003-2008	●								
Rail pressure regulator	2003-2008	●								
Static test of actuators	2003-2008	●								
Turbo charge control solenoid valve	2003-2008	●								

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

## Opel/Vauxhall

Combo [02-]	2002-2012				●	●				
Clutch bleed	2002-2012					●				
Overheat protection	2002-2011				●					
Start amount	2002-2011				●					

Vivaro	2001-2011	●			●		●			●
AC-relay	2011	●								
EGR cooling bypass valve	2011	●								
Fuel Metering Solenoid Valve	2011	●								
Glow time relay	2011	●								
Injector programming	2011	●								
Output 1 Cooling Fan Relay	2011	●								
Output 2 Cooling Fan Relay	2011	●								
Overheat protection	2001-2006				●					
Relay 1 (additional heater)	2011	●								
Relay 2 (additional heater)	2011	●								
Reset EGR offset	2011	●								
Speed limiting	2009-2011	●								
Start amount	2001-2006				●					
Throttle control	2011	●								
Transponder key programming	2001-2006						●		●	

Astra H	2004-2012	●								
Reset lambda sensor	2004-2012	●								

Movano	2004-2010						●		●	
Transponder key programming	2004-2010						●		●	

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

## Peugeot

Bipper	2013	■	■	■				■	■	■
Reset service	2013									■

Expert Serie 3	2007-2013	■	■	■	■				■	■	■
Bleed front left hand wheel circuit	2013		■								
Bleed front right hand wheel circuit	2013		■								
Bleed rear left hand wheel circuit.	2013		■								
Bleed rear right hand wheel circuit.	2013		■								
Calibration of steering angle sensor	2013		■								
Deactivation of economy mode	2013									■	
EGR mixer butterfly replacement	2007-2013	■									
EGR valve	2013	■									
Filling of diesel additive (without external addi	2013	■									
Injector code programming	2007-2013	■									
Injector programming	2013	■									
Lock computer	2013							■			
Refilling hose with additive (without external a	2013	■									
Regeneration	2013	■									
Replacement of the EGR valve	2007-2013	■									
Replacement of the particle emission filter (wit	2013	■									
Reset service	2013										■
Steering angle decalibration	2013		■								
Unlock computer	2013							■			

Partner Serie 2 [08-]	2013	■	■	■					■	■	■
Bleed front left hand wheel circuit	2013		■								
Bleed front right hand wheel circuit	2013		■								
Bleed rear left hand wheel circuit.	2013		■								
Bleed rear right hand wheel circuit.	2013		■								
Calibration of steering angle sensor	2013		■								
Deactivation of economy mode	2013									■	
EGR mixer butterfly replacement	2013	■									
EGR valve	2013	■									
Lock computer	2013							■			
Replacement of the additive tank	2013	■									
Reset service	2013										■
Sensor test parking aid	2013									■	
Steering angle decalibration	2013		■								
Trailer relay unit installation	2013									■	
Trailer relay unit uninstallation	2013									■	
Unlock computer	2013							■			





Engine  
 Brake  
 Instrument  
 AC  
 Gearbox  
 Immobiliser  
 Restraints  
 Multifunction  
 Service

## Renault

Kangoo I	1998-2008	●	●				●	●	●	●		
ABS/ESP calibration programming	1998-2008		●									
Actuators sequential control	2004-2008						●					
Air conditioning compressor relay control	2000-2008	●										
Air conditioning with wire connection	2004-2008						●					
Air conditioning without wire connection	2004-2008						●					
Air inlet flap	2000-2008	●										
Air Inlet Flap Motor command	2000-2008	●										
Automatic brake lighting activation	1998-2008		●									
Automatic brake lighting deactivation	1998-2008		●									
Automatic stop lights illumination authorisatio	1998-2008		●									
B1 brake control solenoid valve	2004-2008						●					
B2 brake control solenoid valve	2004-2008						●					
Bleed hydraulic unit and braking circuits	1998-2008		●									
Brake pressure sensor programming	1998-2008		●									
Brake solenoid valve 1	2004-2008						●					
Brake solenoid valve 2	2004-2008						●					
Clutch motor cycle	2004-2008						●					
Clutch solenoid valve 1	2004-2008						●					
Clutch solenoid valve 2	2004-2008						●					
Clutch solenoid valve 3	2004-2008						●					
EGR bypass valve	2000-2008	●										
Erase converter lock up adaptive	2004-2008						●					
Erase OBD memory	2004-2008						●					
Esp automatic reconnection threshold	1998-2008		●									
ESP sensor programming	1998-2008		●									
Fan unit high speed relay control	2000-2008	●										
Fan unit slow speed relay control	2000-2008	●										
Fuel pressure regulator	2000-2008	●										
Gear lever locking control solenoid valve	2004-2008						●					
Hazard warning lights	1998-2008		●									
Heating resistor relay 1	2000-2008	●										
Heating resistor relay 2	2000-2008	●										
Heating resistor relay 3	2000-2008	●										
High pressure circuit leak test	2000-2008	●										
Initialization of the steering angle sensor	1998-2008		●									
Injection solenoid valve opening particle filter	2000-2008	●										
Injector cylinder 1	2000-2008	●										
Injector cylinder 2	2000-2008	●										
Injector cylinder 3	2000-2008	●										
Injector cylinder 4	2000-2008	●										
K2 clutch control solenoid valve	2004-2008						●					

		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		■	■	■	■	■	■	■	■	■
K3 clutch control solenoid valve	2004-2008					●				
Line pressure regulation solenoid valve	2004-2008					●				
Load sensing pressure regulation solenoid valve	2004-2008					●				
Lock computer	1998							●		
Prevent automatic brake lights under heavy brake	1998-2008		●							
Program clutch open position	2004-2008					●				
Programming clutch point	2004-2008					●				
Programming selection/engaging zones	2004-2008					●				
Pump motor test	1998-2008		●							
Rail pressure regulator	2000-2008	●								
Read configurations	1998-2008		●					●		
Request to switch on hazard warning lights	1998-2008		●							
Reset: Shutting off hydraulics during work	2004-2008					●				
Selector lever locking electromagnet	2004-2008					●				
Sequence 1 solenoid valve	2004-2008					●				
Sequence 2 solenoid valve	2004-2008					●				
Shift drum motor	2004-2008					●				
Shift drum reference position	2004-2008					●				
Shift transmission to neutral	2004-2008					●				
Shutting off hydraulics during work	2004-2008					●				
SLC1 (Linear solenoid valve - clutch 1)	2004-2008					●				
Solenoid valve control sequence 1	2004-2008					●				
Solenoid valve control sequence 2	2004-2008					●				
Speedo index programming	1998-2008		●							
Speedometer index	1998-2008		●							
Start actuator sequential control	2004-2008					●				
Static test of actuators	2000-2008	●								
Steering wheel angle programming offset	1998-2008		●							
Steering wheel angle sensor programming	1998-2008		●							
Stop actuator sequential control	2004-2008					●				
Stop lights activation relay	1998-2008		●							
Transverse acceleration programming offset	1998-2008		●							
Turbo charge control solenoid valve	2000-2008	●								
Unlock computer	1998							●		
Vehicle speed information	1998-2008		●							
Wheel speed sensors supply test	1998-2008		●							
With check motor torque by ABS	2004-2008					●				
With selector lever locking	2004-2008					●				
With trajectory control	2004-2008					●				
Without check motor torque by ABS	2004-2008					●				
Without selector lever locking	2004-2008					●				
Without trajectory control	2004-2008					●				
Write date new clutch fitted	2004-2008					●				

		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
Write date of last after sales operation	1998-2008		●			●		●		
Write transmission oil change date	2004-2008					●				
Master III	2010-2012	●	●	●	●	●		●	●	
Actuators sequential control	2010-2012					●				
Air conditioning compressor relay control	2010-2012	●				●				
Air conditioning with wire connection	2010-2012					●				
Air conditioning without wire connection	2010-2012					●				
Air inlet flap	2010-2012	●								
Air Inlet Flap Motor command	2010-2012	●								
Automatic stop lights illumination authorisatio	2010-2012		●							
B1 brake control solenoid valve	2010-2012					●				
B2 brake control solenoid valve	2010-2012					●				
Brake solenoid valve 1	2010-2012					●				
Brake solenoid valve 2	2010-2012					●				
Change language in instrument cluster	2010-2012			●						
Clutch motor cycle	2010-2012					●				
Clutch solenoid valve 1	2010-2012					●				
Clutch solenoid valve 2	2010-2012					●				
Clutch solenoid valve 3	2010-2012					●				
Damper motor, defroster	2010-2012				●					
EGR bypass valve	2010-2012	●								
Erase auto-adaptives	2010-2012					●				
Erase converter lock up adaptive	2010-2012					●				
Erase OBD memory	2010-2012					●				
Fan unit high speed relay control	2010-2012	●								
Fan unit slow speed relay control	2010-2012	●								
Footwell distribution motor : Closed	2010-2012				●					
Footwell distribution motor : Open	2010-2012				●					
Fuel pressure regulator	2010-2012	●								
Gear lever locking control solenoid valve	2010-2012					●				
Hazard warning lights	2010-2012		●							
Heating resistor relay 1	2010-2012	●								
Heating resistor relay 2	2010-2012	●								
Heating resistor relay 3	2010-2012	●								
Heating resistor type	2010-2012				●					
High pressure circuit leak test	2010-2012	●								
Injection solenoid valve opening particle filter	2010-2012	●								
Injector cylinder 1	2010-2012	●								
Injector cylinder 2	2010-2012	●								
Injector cylinder 3	2010-2012	●								
Injector cylinder 4	2010-2012	●								
Interior temperature sensor for micro turbine	2010-2012				●					

		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		■	■	■	■	■	■	■	■	■
K2 clutch control solenoid valve	2010-2012					●				
K3 clutch control solenoid valve	2010-2012					●				
Left hand drive	2010-2012				●					
Left mixing motor: Full cold	2010-2012				●					
Left mixing motor: Full hot	2010-2012				●					
Line pressure regulation solenoid valve	2010-2012					●				
Load sensing pressure regulation solenoid valve	2010-2012					●				
Passenger compartment fan	2010-2012				●					
Prevent automatic brake lights under heavy br	2010-2012		●							
Program clutch open position	2010-2012					●				
Programming clutch point	2010-2012					●				
Programming selection/engaging zones	2010-2012					●				
Pump motor test	2010-2012		●							
Rail pressure regulator	2010-2012	●								
Read configurations	2010-2012					●				
Recycling motor: external air	2010-2012				●					
Recycling motor: Recycled air	2010-2012				●					
Request to switch on hazard warning lights	2010-2012		●							
Reset: Shutting off hydraulics during work	2010-2012					●				
Right hand drive	2010-2012				●					
Right mixing motor: Full cold	2010-2012				●					
Right mixing motor: Full hot	2010-2012				●					
Selector lever locking electromagnet	2010-2012					●				
Sequence 1 solenoid valve	2010-2012					●				
Sequence 2 solenoid valve	2010-2012					●				
Shift drum motor	2010-2012					●				
Shift drum reference position	2010-2012					●				
Shift transmission to neutral	2010-2012					●				
Shutting off hydraulics during work	2010-2012					●				
SLC1 (Linear solenoid valve - clutch 1)	2010-2012					●				
Solenoid valve control sequence 1	2010-2012					●				
Solenoid valve control sequence 2	2010-2012					●				
Start actuator sequential control	2010-2012					●				
Static test of actuators	2010-2012	●								
Stop actuator sequential control	2010-2012					●				
Stop lights activation relay	2010-2012		●							
Turbo charge control solenoid valve	2010-2012	●								
Type of parking brake	2010-2012			●						
Vehicle speed information	2010-2012		●							
Vehicle type	2010-2012				●					
Wheel speed sensors supply test	2010-2012		●							
With check motor torque by ABS	2010-2012					●				
With selector lever locking	2010-2012					●				









		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
With hands free start	2008-2012								•	
With hazard warning lights illumination by ABS	2008-2012								•	
With headlight washers	2008-2012								•	
With light automatic illumination	2008-2012								•	
With rain light sensor	2008-2012								•	
With rain sensor	2008-2012								•	
With running lights	2008-2012								•	
With sunroof	2008-2012								•	
With tyre pressure monitoring	2008-2012								•	
With voice synthesiser	2008-2012								•	
Without Arabian overspeed	2008-2012								•	
Without automatic closing of windows by card	2008-2012								•	
Without driver seat memory	2008-2012								•	
Without emergency braking hazard warning lig	2008-2012								•	
Without follow-me-home lighting	2008-2012								•	
Without hands free function	2008-2012								•	
Without hands free locking	2008-2012								•	
Without hands free start	2008-2012								•	
Without hazard warning lights illumination by /	2008-2012								•	
Without headlight washers	2008-2012								•	
Without light automatic illumination	2008-2012								•	
Without rain light sensor	2008-2012								•	
Without rain sensor	2008-2012								•	
Without running lights	2008-2012								•	
Without sunroof	2008-2012								•	
Without tyre pressure monitoring	2008-2012								•	
Without voice synthesiser	2008-2012								•	
Write date of last after sales operation	2008-2012							•		
Write VIN	2010-2012								•	

Traffic II	2001-2012	•	•	•	•	•		•	•	•
Air conditioning compressor relay control	2001-2012	•								
Air inlet flap	2001-2012	•								
Air Inlet Flap Motor command	2001-2012	•								
Automatic stop lights illumination authorisatio	2001-2012		•							
Bleed clutch circuit phase 1	2010-2012					•				
Bleed hydraulic pressure assembly	2010-2012					•				
Bleeding clutch slave cylinder hydraulic circuit	2010-2012					•				
Change language in instrument cluster	2010-2012			•						
Country type	2010-2012								•	
Damper motor, defroster	2009-2012				•					
Distance units	2010-2012								•	
Distribution motor: Defrost	2009-2012				•					

		Engine	Brake	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service
		■	■	■	■	■	■	■	■	■
Distribution motor: Ventilators	2009-2012				●					
ECU Memory	2010-2012								●	
EGR bypass valve	2001-2012	●								
Erase incorrect cranking counter	2009-2012				●					
Erase overheating counter	2009-2012				●					
Fan unit high speed relay control	2001-2012	●								
Fan unit slow speed relay control	2001-2012	●								
Footwell distribution motor : Closed	2009-2012				●					
Footwell distribution motor : Open	2009-2012				●					
Fuel pressure regulator	2001-2012	●								
Hazard warning lights	2001-2012		●							
Heating resistor relay 1	2001-2012	●								
Heating resistor relay 2	2001-2012	●								
Heating resistor relay 3	2001-2012	●								
Heating resistor type	2009-2012				●					
High pressure circuit leak test	2001-2012	●								
Injection solenoid valve opening particle filter	2001-2012	●								
Injector cylinder 1	2001-2012	●								
Injector cylinder 2	2001-2012	●								
Injector cylinder 3	2001-2012	●								
Injector cylinder 4	2001-2012	●								
Interior temperature sensor for micro turbine	2009-2012				●					
Left hand drive	2009-2012				●					
Left mixing motor: Full cold	2009-2012				●					
Left mixing motor: Full hot	2009-2012				●					
Lightning	2010-2012								●	
Mixing motor: all cold	2009-2012				●					
Mixing motor: all hot	2009-2012				●					
Passenger compartment fan	2009-2012				●					
Pressure accumulator discharge	2010-2012					●				
Prevent automatic brake lights under heavy br	2001-2012		●							
Program clutch open position	2010-2012					●				
Programmed values	2010-2012					●				
Programming clutch point	2010-2012					●				
Programming selection/engaging zones	2010-2012					●				
Pump motor test	2001-2012		●							
Radio	2010-2012								●	
Rail pressure regulator	2001-2012	●								
Read configurations	2009-2012				●					
Recycling motor: external air	2009-2012				●					
Recycling motor: Recycled air	2009-2012				●					
Reinit. Extreme cold reverse gear engagement	2010-2012					●				
Request to switch on hazard warning lights	2001-2012		●							









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

## Volkswagen

Amarok	2010-2011				●					
General-purpose configuration	2010-2011				●					
Caddy III [03-10]	2004-2010				●					
Code control unit	2004-2010				●					
Fuel line filling	2004-2010				●					
Function control of parking/extra heater	2004-2010				●					
General-purpose configuration	2004-2010				●					
Unlock auxiliary heater	2004-2010				●					
Caddy III [11-]	2011-2012				●					
Fuel line filling	2011-2012				●					
Function control of parking/extra heater	2011-2012				●					
General-purpose configuration	2011-2012				●					
Unlock auxiliary heater	2011-2012				●					
Crafter	2006-2012				●					
T5 Multivan [09-]	2010-2012				●					
General-purpose configuration	2010-2012				●					
T5 Transporter [09-]	2010-2012				●					
General-purpose configuration	2010-2012				●					
T5 Multivan [-09]	2003-2009				●					
Function control of parking/extra heater	2003-2009				●					
General-purpose configuration	2003-2009				●					
Unlock auxiliary heater	2003-2009				●					
T5 Transporter [-09]	2003-2009				●					
Function control of parking/extra heater	2003-2009				●					
General-purpose configuration	2003-2009				●					
Unlock auxiliary heater	2003-2009				●					
T4 Transporter	1999-2003				●					





