



Additions and modifications in software version 52

Things to know – an overview

Innovations

| Diagnostics

- Specific notes and instructions for keyless entry systems (PSA Group only) added (mega macs 66, mega macs 56, mega macs PC, mega macs 42 SE, mega macs 50).

| Vehicle information

- Free text search added to the **>Fuses/relays<** menu. The free text search enables you to find the fuses and relays in the vehicle more quickly (mega macs 66, mega macs 56, mega macs PC).

| General

- Specific warning notice for VCI protection (Ford Transit X only) added (mega macs 56, mega macs PC, mega macs 42 SE).

Revisions

| Diagnostics

- In the **>Parameters<** menu, the expression with more than 4 parameters has been corrected (mega macs 42 SE, mega macs 50).
- In the **>Parameters<** menu, the memory overflow during continual parameter reading has been rectified (mega macs PC).

| Vehicle information

- The texts were completed under **Diesel systems** and **> Diesel service and diesel diagnosis** (mega macs 66, mega macs 56, mega macs PC).

| Measuring technology

- The date display has been corrected in the saved measurements (mega macs 66).

| Settings

- Special characters have been added to the **WLAN > interfaces** menu. The following special characters can be used in the WLAN password: & () >< (mega macs 56).
- In the **Printer > interfaces** menu, the header data has been adapted in the English version of the printer dialogue (mega macs 42 SE).

| VCI

- Sporadic PC system failure during the initial start-up of the VCI using the USB cable has been rectified (mega macs PC).

Modifications

| Diagnostics

- Duration of the evaluation of different vehicle protocols significantly reduced (mega macs 56, mega macs PC).



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| Measuring technology

- The resolution has been improved for resistance measurement (mega macs 56).

| Settings

- Update without administrator rights now possible. The update can now be run without administrator rights in the **>Update<** menu (mega macs PC).

| Car History

- Duration of Car History update is significantly reduced. When switching on the tool, the update of the Car History has now been made faster (mega macs 56, mega macs PC).



Functions according to manufacturer

This list merely gives a basic overview of the scope of our data additions. A complete list with all the model additions for every manufacturer would be simply too extensive.

Extended and revised manufacturers

Audi

Trouble code	A3/S3/RS3 (8V/85), Q2 (GA), Q5 (FY)
Parameter	A3/S3/RS3 (8V/85), A4/S4 (8W), A5/S5 (F5), Q2 (GA), Q5 (FY)
Actuator	A3/S3/RS3 (8V/85), Q2 (GA), Q5 (FY)
Basic setting	Calibrating the parking brake (A3/S3/RS3 (8V/85)) Initialising the drive position sensor (A4/S4/RS4 (8K), A5/S5/RS5 (8T/8F), Q5 (8R), A6/S6/RS6 (4G), A7/S7/RS7 (4G)) Adapting the solenoid valves of the mechatronic unit (A4/S4/RS4 (8K), A5/S5/RS5 (8T/8F), Q5 (8R), A6/S6/RS6 (4G), A7/S7/RS7 (4G)) Adapting the turbocharger (A6 (4F)) Initialising the EGR valve (A6 (4F)) Adapting the intake manifold flap 1 and 2 (A6 (4F)) Bleeding the cooling system (SQ7 (4M), TT (FV), Q2 (GA), Q5 (FY)) Regenerating the diesel particulate filter (SQ7 (4M), Q2 (GA), Q5 (FY)) Adapting the diesel particulate filter (Q2 (GA), Q5 (FY)) Initialising the low pressure EGR valve (Q2 (GA), Q5 (FY)) Initialising the high-pressure EGR valve (Q2 (GA), Q5 (FY)) Adapting the turbocharger (Q2 (GA), Q5 (FY)) Initialising the throttle valve (Q2 (GA), Q5 (FY)) Initialising the throttle valve bank 1 + 2 (SQ7 (4M)) Initialising the exhaust gas flap (Q2 (GA), Q5 (FY)) Initialising the intake manifold flap bank 1 + 2 (SQ7 (4M)) Initialising the EGR (SQ7 (4M)) Resetting the engine learned values (SQ7 (4M), Q2 (GA), Q5 (FY)) Resetting the diesel exhaust fluid level (SQ7 (4M)) Adapting the DEF injection system (Q2 (GA), Q5 (FY)) Parking brake retraction (Q2 (GA), Q5 (FY)) Parking brake extending (Q2 (GA), Q5 (FY)) Initialising the brake-pressure sensor (Q2 (GA)) Initialising the ESC sensors (Q2 (GA))



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Adapting the electronic climate control (Q2 (GA), Q5 (FY))

Performing the initial run-in of the air conditioning compressor (A6/S6/RS6 (4G), A7/S7/RS7 (4G), Q2 (GA), Q5 (FY))

Activating the retrofitting of the parking heater (Q2 (GA))

Unlocking the parking heater/auxiliary heater (Q2 (GA))

Burning off the fuel burning heater/auxiliary heater (Q2 (GA))

Adapting the fuel burning heater remote control (Q2 (GA))

Initialising the adaptive cruise control (Q2 (GA), Q5 (FY))

Adapting the seat belt tensioner (Q2 (GA))

Initialising the steering angle sensor (Q2 (GA), Q5 (FY))

Adjusting the headlights (Q2 (GA), Q5 (FY))

Calibrating the front camera system (Q2 (GA), Q5 (FY))

Calibrating the rearview camera system (Q2 (GA), A5/S5 (F5), Q5 (FY))

Calibrating the all-round vision camera system (A5/S5 (F5), Q5 (FY))

Adjusting pressure capsule of turbocharger (A1 (8X))

Adjusting the matrix LED headlights (A3/S3/RS3 (8V/85), Q5 (FY))

Initialising the neutral position sensor (A1/S1 (8X), TT (FV), Q2 (GA), Q5 (FY), A3/S3/RS3 (8V/85), A4/S4 (8W), A5/S5 (F5), Q7/SQ7 (4M))

Changing and checking DCT fluid (Q5 (FY))

Initialising the throttle valve (Q2 (GA))

Adjusting the 7-speed dual-clutch transmission (DQ200-0CW) (Q2 (GA), A3/S3/RS3 (8V/85), TT (FV))

Adjusting the 7-speed dual-clutch transmission (DQ500-0BH/0BT/0DL) (A3/S3/RS3 (8V/85), TT (FV))

Adjusting the 6-speed dual-clutch transmission (DQ250-0D9) (Q2 (GA), A3/S3/RS3 (8V/85), TT (FV))

Initialising the wheel damping electronics regular frequency position (TT (8J), R8 (42), A3/S3/RS3 (8P))

Initialising the travel sensor (A4/S4/RS4 (8K), A5/S5/RS5 (8T/8F), Q5 (8R), A6/S6/RS6 (4G), A7/S7/RS7 (4G))

Initialising the gear actuator (A4/S4/RS4 (8K), A5/S5/RS5 (8T/8F), Q5 (8R), A6/S6/RS6 (4G), A7/S7/RS7 (4G))



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Coding

Trailer recognition coding (A3/S3/RS3 (8V/85), A4/S4 (8W) /A5/S5 (F5), A6/S6/RS6/A7/S7 (4G), A8 (4H))

Replacing the headlight/power module (A3/S3/RS3 (8V/85))

Coding injectors (SQ7 (4M), Q2 (GA), Q5 (FY))

Coding of language version (Q2 (GA))

Deactivating/activating the trailer hitch (Q2 (GA), Q5 (FY))

Adjusting the parking assist volume (Q2 (GA))

De/activating the transport mode (Q2 (GA), Q5 (FY))

Registering the battery (Q2 (GA), Q5 (FY))

Coding the gateway installation list (Q2 (GA), Q5 (FY))

General ECU replacement (Q2 (GA), Q5 (FY))

Service reset

Service reset (Q2 (GA), Q5 (FY))

BMW

Trouble code

1 Series (E81, E82, E87, E88, F20, F21), 2 Series (F22, F23, F45, F46), 3 Series (E90, E91, E92, E93, F30, F31, F34, F35), 4 Series (F32, F33, F36), 5 Series (F07, F10, F11, G30, G31), 6 Series (F06, F12, F13), 7 Series (F01, F02, F04, G11, G12), I3 (I01), I8 (I12), M2 (F87), M3 (F80), M4 (F82, F83), X1 (F48), X3 (F25), X4 (F26), X5 (E70, F15), X5M (F85), X6 (E71, E72, F16), X6M (F86)

Parameter

1 Series (E81, E82, E87, E88, F20, F21), 2 Series (F22, F23, F45, F46), 3 Series (E90, E91, E92, E93, F30, F31, F34, F35), 4 Series (F32, F33, F36), 5 Series (F07, F10, F11, G30, G31), 6 Series (F06, F12, F13), 7 Series (F01, F02, F04, G11, G12), I3 (I01), I8 (I12), M2 (F87), M3 (F80), M4 (F82, F83), X1 (F48), X3 (F25), X4 (F26), X5 (E70, F15), X5M (F85), X6 (E71, E72, F16), X6M (F86)

Actuator

1 Series (E81, E82, E87, E88, F20, F21), 2 Series (F22, F23, F45, F46), 3 Series (E90, E91, E92, E93, F30, F31, F34, F35), 4 Series (F32, F33, F36), 5 Series (F07, F10, F11, G30, G31), 6 Series (F06, F12, F13), 7 Series (F01, F02, F04, G11, G12), I3 (I01), I8 (I12), M2 (F87), M3 (F80), M4 (F82, F83), X1 (F48), X3 (F25), X4 (F26), X5 (E70), X5M (F85), X6 (E71, E72, F16), X6M (F86)

Basic setting

Replacing the particulate filter (3 Series (E90, E91, E92, E93), 5 Series (E60, E61, F07, F10, F11), 6 Series (F06, F12, F13), X3 (E83, F25), X5 (E70, F15), X6 (E71))

Regenerating the diesel particulate filter (X5 (F15))

De-energising the hybrid/electric vehicle (2 Series (F45, F46), I8 (I12))

Initialising the rain sensor (5 Series (G30, G31), 7 Series (G11, G12))

Adapting the variable valve lift (1 Series (E87), 7 Series (E65))

Calibrating the front camera (5 Series (G30, G31))

Actuating the assembly position of the EGR valve (5 Series (G30, G31))

Calibrating the radar sensor (5 Series (G30, G31))

Resetting the reference values of the front lighting electronics (1 Series (F20, F21))



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Initialising the headlight driver module (1 Series (F20, F21), 2 Series (F22, F23, F45, F46), 3 Series (F30, F31, F34, F35), 5 Series (F11), M2 (F87), M3 (F80), M4 (F82, F83), X1 (F48), X3 (F25))

Initialising the heater plugs (3 Series (F30, F31, F34, F35), 4 Series (F32, F33, F36), 5 Series (F07, F10, F11), X4 (F26), X5 (F15), X6 (F16))

Initialising the variable camshaft timing (1 Series (E81, E82, E87, E88), 3 Series (E90, E91, E92, E93))

Initialising the transfer case actuator (3 Series (E90), X3 (E83))

Energising the diesel exhaust fluid transfer pump (3 Series (F30, F31, F34, F35), 4 Series (F32, F33, F36), 5 Series (F07, F10, F11), 6 Series (F06, F12, F13), 7 Series (F01, F02, F04), X3 (F25), X4 (F26), X5 (F15), X6 (F16))

Filling/bleeding the diesel exhaust fluid line (7 Series (G11, G12))

Resetting the long-term learned value of the diesel exhaust fluid system (5 Series (G30, G31), 7 Series (G11, G12))

Resetting the start inhibitor of DEF injection system (5 Series (G30, G31), 7 Series (G11, G12))

Replacing the SCR catalyst (5 Series (G30, G31), 7 Series (G11, G12))

Initialising the power windows (5 Series (G30, G31), 7 Series (G11, G12))

Deactivating the level/damper control transport mode (5 Series (G30))

Service mode of parking brake (5 Series (F07, F10, F11, G30, G31), 7 Series (F01, F02, F04, G11, G12))

Coding

Coding injectors (X6 (E71), Z4 (E89))

Registering the battery (5 Series (G30, G31), 7 Series (G11, G12))

Service reset

Resetting the date for the statutory vehicle check (1 Series (F20, F21), 2 Series (F22, F23, F45, F46), 3 Series (F30, F31, F34, F35), 4 Series (F32, F33, F36), 5 Series (F07, F10, F11, G30, G31), 6 Series (F06, F12, F13), 7 Series (F01, F02, F04, G11), I3 (I01), I8 (I12), M2 (F87), M3 (F80), M4 (F82, F83), X1 (F48), X3 (F25), X4 (F26), X5M (F85), X6 (F16), X6M (F86))

Resetting the brake fluid service interval (5 Series (G30, G31), 7 Series (G11, G12))

Resetting the vehicle check service interval (5 Series (G30, G31), 7 Series (G11, G12))

Resetting the brake lining service interval front/rear (5 Series (G30, G31), 7 Series (G11, G12))

Resetting the engine oil change interval (5 Series (G30, G31), 7 Series (G11, G12))

Test functions

Reading out the serial number of high-voltage battery module (2 Series (F45, F46))

Evaluating the battery charge of the high-voltage battery unit (2 Series (F45, F46))

Citroën

Trouble code

C3 (IV), C4 Picasso (II), SpaceTourer, Jumper (IV) (Euro 6)

Parameter

C3 (IV), DS3, C4, C4 (II), C4 Picasso (II), SpaceTourer, Jumper (IV) (Euro 6)

Actuator

C3 (IV), DS3, C4 Picasso (II), Jumper (IV) (Euro 6)



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Basic setting

Initialising the engine components (C3 (IV), DS3, C4 Picasso (II), Jumper (IV) (Euro 6))

Initialising the diesel particulate filter (C3 (IV), Jumper (IV) (Euro 6))

Regenerating the diesel particulate filter (C3 (IV), Jumper (IV) (Euro 6))

Cleaning the EGR valve (C3 (IV), Jumper (IV) (Euro 6))

Adapting the turbocharger (C3 (IV), C4 Picasso (II), Jumper (IV) (Euro 6))

Filling the additive container (C3 (IV), Jumper (IV) (Euro 6))

Emptying/filling the diesel exhaust fluid tank (C3 (IV), Jumper (IV) (Euro 6))

Regenerating the DeNOx catalyst (C3 (IV), Jumper (IV) (Euro 6))

Activating the start/stop function (C3 (IV))

Initialising the injector (C3 (IV), C4 Picasso (II))

Initialising the throttle valve (C3 (IV), C4 Picasso (II), Jumper (IV) (Euro 6))

Initialising the boost pressure regulator (C3 (IV), C4 Picasso (II), Jumper (IV) (Euro 6))

Registering the battery (C3 (IV), C4 Picasso (II), Jumper (IV) (Euro 6))

Resetting starter learned values (C3 (IV), C4 Picasso (II))

Initialising the alternator (C3 (IV), C4 Picasso (II))

Adapting the clutch biting point (C3 (IV), C4 Picasso (II), Jumper (IV) (Euro 6))

Adapting the flywheel (C3 (IV), C4 Picasso (II), Jumper (IV) (Euro 6))

Accelerator sensor adaptation (C3 (IV), Jumper (IV) (Euro 6))

Replace exhaust manifold (C3 (IV), C4 Picasso (II), Jumper (IV) (Euro 6))

Replace cylinder head (C3 (IV), C4 Picasso (II))

Initialising the EGR valve (C3 (IV), Jumper (IV) (Euro 6))

Initialising the air metering system (C3 (IV), Jumper (IV) (Euro 6))

Initialising the mass airflow sensor (C3 (IV), Jumper (IV) (Euro 6))

Initialising the high-pressure fuel pump (C3 (IV), Jumper (IV) (Euro 6))

Replacing the fuel supply pump (C3 (IV), Jumper (IV) (Euro 6))

Adapting the DEF injection system (C3 (IV), Jumper (IV) (Euro 6))

Initialising the steering angle sensor (C3 (IV), Jumper (IV) (Euro 6))

Bleeding the braking system (C3 (IV))

Locking/unlocking the airbag ECU (C3 (IV))

Learning the recirculation air flap stop (C3 (IV))

Leaving the ECO mode (C3 (IV))

Initialising the rain/light sensor manually/automatically (C3 (IV))

Calibrating the front camera dynamically (C3 (IV), C4 Picasso (II), Jumper (IV) (Euro 6))

Uninstalling/installing the rear brake linings (C6)

Replacing parking brake cables (C6)

Initialising the inclination angle sensor (C6)

Regenerating the diesel particulate filter at standstill (Berlingo (III), C3 Picasso, C3 (III), C4 (II), C4 Cactus, C4 Picasso (II), C5 (III), DS3, DS4, DS5, Jumper (IV) (Euro 6))



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Initialising the rotation rate sensor (Jumper (IV) (Euro 6))

| Coding

Coding injectors (C3 (IV), Jumper (IV) (Euro 6))

Additive quantity coding (C3 (IV), Jumper (IV) (Euro 6))

Coding the trailer hitch (C3 (IV), C4 Picasso (II), Jumper (IV) (Euro 6), Jumpy (IV), SpaceTourer)

Coding the battery capacity (C3 (IV))

Coding the keys (C4 Picasso (II))

| Service reset

Service reset (C3 (IV), Nemo, Jumper (IV) (Euro 6))

Reset of transmission oil ageing counter (C3 (IV))

| Test functions

Performing the compression test (C3 (IV), Jumper (IV) (Euro 6))

Switching off the injector test (C3 (IV), Jumper (IV) (Euro 6))

Performing the test of fuel pressure buildup/reduction (C3 (IV))

Ford

| Trouble code

Focus (V), Mondeo (V), C-Max (IV), Ka +, Kuga (II)

| Parameter

Focus (V), C-Max (IV), Edge (II), Galaxy (IV), Mondeo (V), Ranger (V), S-Max (II), Ka +, Kuga (II)



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Basic setting

- Resetting the EGR valve (Focus (V), Ranger (V))
- Resetting learned values of the diesel particulate filter (Focus (V), Ranger (V))
- Resetting the differential pressure sensor (Focus (V), Ranger (V))
- Resetting the indicator lamp "Water in fuel" (Focus (V), Ranger (V))
- Resetting learned values of the mass airflow sensor (Focus (V), Ranger (V))
- Resetting learned values of the turbocharger (Focus (V), Ranger (V), Fiesta (VI))
- Resetting learned values of low-pressure fuel pump (Focus (V))
- Resetting learned values of radiator shutter (Focus (V))
- Resetting learned values of the low-pressure fuel system (Focus (V))
- Resetting learned values of NOx sensor (Focus (V))
- Regenerating the diesel particulate filter (Focus (V), Ranger (V))
- Resetting the intake manifold flap (Ranger (V))
- Resetting learned values of the exhaust-gas temperature sensor (Ranger (V))
- Resetting learned values of fuel pressure sensor (Ranger (V))
- Resetting learned values of injectors (Ranger (V))
- Resetting learned values of camshaft sensor (Mondeo (V))
- Deleting engine learning values (Edge (II))
- Initialising the rear brake (Focus (V))
- Initialising the wipers (Focus (IV, V))
- Initialising the longitudinal acceleration sensor (S-Max (II), Galaxy (IV), Mondeo (V), Ka +)
- Resetting the lateral acceleration sensor (Ka +)
- Service mode of parking brake (S-Max (II), Galaxy (IV), Mondeo (V), Kuga (II))
- Calibrating the parking brake (S-Max (II), Galaxy (IV), Mondeo (V), Kuga (II))
- Adjusting the LED headlights (S-Max (II), Galaxy (IV))
- Resetting learned values of the pressure sensor (Ka +)
- Calibrating the steering wheel position sensor (Ka +)
- Calibrating the distance warning system (S-Max (II), Galaxy (IV), Mondeo (V), Kuga (II), C-Max (IV), Focus (V))
- Calibrating the lane departure warning system camera (Kuga (II))

Coding

- Coding the injector (Transit (IX), Focus (V), Ranger (V))

Honda

Trouble code

- Civic model 2017

Parameter

- Civic model 2017



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- | **Basic setting**
 - Actuation of parking brake installation/removal position (Civic model 2017)
 - Initialising the ESP sensor (Civic model 2017)
 - Calibrating the front camera statically (Civic model 2017)
- | **Coding**
 - Coding the injector (Accord)

Hyundai

- | **Trouble code**
 - i30 2017, i40 2016, Tucson 2016, Ioniq 2017, ix35 2015
- | **Parameter**
 - i30 2017, i40 2016, Tucson 2016, Ioniq 2017, ix35 2015
- | **Actuator**
 - i40 2016, Tucson 2016, Ioniq 2017, ix35 2015
- | **Basic setting**
 - Calibrating the front camera (i30, i40, Ioniq, Santa Fe)
 - Initialising the fuel pressure sensor (i40, Tucson)
 - Initialising the mass airflow sensor (i40, Tucson)
 - Initialising the differential pressure sensor (i40, Tucson)
 - Initialising the swirl flap (i40, Tucson)
 - Initialising the throttle valve (i40, Tucson)
 - Initialising the EGR valve (i40, Tucson)
 - Accelerator sensor adaptation (i40, Tucson)
 - Initialising the oxygen sensor (i40, Tucson)
 - Bleeding the cold water system (Ioniq)
 - Headlamp basic default setting (i40)
 - De-energizing the vehicle (ix35)
- | **Coding**
 - Coding the injector (i40, Tucson)

Jaguar

- | **Trouble code**
 - F-Pace X761 3.0i
- | **Parameter**
 - F-Pace X761 3.0i
- | **Actuator**
 - F-Pace X761 3.0i
- | **Basic setting**
 - Bleeding the fuel system (F-Pace 3.0i)
 - Activating/deactivating the fuel system (F-Pace 3.0i)
 - Resetting learned values of the engine ECU (F-Pace 3.0i, 3.0d, XE X760 2.0d, XF X260 2.0d)
 - Resetting learned values of the throttle actuator (F-Pace 3.0i)



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- Initialising the air ducting (F-Pace 3.0d, XE X760 2.0d)
- Replacing the particulate filter (F-Pace 3.0d, XE X760 2.0d)
- Regenerating the diesel particulate filter (F-Pace 3.0d)
- Resetting learned values of NOx sensor (F-Pace 3.0d)
- Resetting oxidation catalyst learned values (F-Pace 3.0d, XE X760 2.0d, XF X260 2.0d)
- Resetting differential pressure sensor learned values (F-Pace 3.0d, XE X760 2.0d)
- Resetting learned values of the fuel quantity (F-Pace 3.0d, XE X760 2.0d)
- Resetting learned values of the fuel system (F-Pace 3.0d, XE X760 2.0d)
- Resetting the fuel pre-supply pump protection mode (F-Pace 3.0d, XE X760 2.0d)
- Replacing the diesel exhaust fluid pump (F-Pace 3.0d, XE X760 2.0d, XF X260 2.0d)
- Resetting learned values of the mass airflow sensor (F-Pace 3.0d, XE X760 2.0d, XF X260 2.0d)
- Resetting learned values of low pressure EGR valve (F-Pace 3.0d, XE X760 2.0d, XF X260 2.0d)
- Resetting learned values of the SCR catalyst (F-Pace 3.0d, XE X760 2.0d, XF X260 2.0d)
- Resetting learned values of the oxygen sensor (F-Pace 3.0d, XE X760 2.0d, XF X260 2.0d)
- Bleeding the brakes (F-Pace, XE X760 2.0d)
- Initialising the air conditioning actuators (F-Pace, XE X760 2.0d)
- Standardizing the A/C flap actuators (F-Pace, XE X760 2.0d)
- Initialising the rain sensor (F-Pace, XE X760 2.0d)
- Initialising the tilt/slide sunroof (F-Pace, XE X760 2.0d)
- Initialising the ride height sensor (F-Pace, XE X760 2.0d)
- Initialising the rear window regulators (F-Pace, XE X760 2.0d, XF X260 2.0d)
- Calibrating front passenger-side power window (F-Pace, XE X760 2.0d, XF X260 2.0d)
- Adjusting the ride height (F-Pace, XE X760 2.0d)
- Activating the workshop mode (F-Pace, XE X760 2.0d)
- Initialising the throttle valve actuator (XE X760 2.0i)
- Resetting learned values of the engine ECU (XE X760 2.0i)
- Coding**
 - Registering the battery (F-Pace)
 - Coding injectors (F-Pace)
- Service reset**
 - Service reset (F-Pace XE, XF, XJ)
- Test function**
 - Activating the glow time ECU (F-Pace XE, XF)
 - Communication test of no-load current monitoring module (F-Pace)



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Kia

Trouble code	Optima 2016, Rio 2017, Niro 2017, Sportage 2017,
Parameter	Optima 2016, Rio 2017, Niro 2017, Sportage 2017,
Actuator	Optima 2016, Rio 2017, Niro 2017, Sportage 2017,
Basic setting	Calibrating the front camera statically (Optima, Rio, Niro) Calibrating the front camera dynamically (Rio, Niro) Initialising the fuel pressure sensor (Optima) Initialising the mass airflow sensor (Optima) Initialising the differential pressure sensor (Optima) Initialising the swirl flap (Optima) Initialising the throttle valve (Optima) Initialising the EGR valve (Optima) Accelerator sensor adaptation (Optima) Initialising the oxygen sensor (Optima) Bleeding the cold water system (Niro) Calibrating the steering angle sensor (Rio)
Coding	Coding the wheel rim size (Niro)

Land Rover

Trouble code	Discovery (V),
Parameter	Discovery (V), Range Rover (VI), Range Rover Sport (VI)
Basic setting	Replacing the DEF level sensor (Discovery Sport (2.0d), Evoque (2.0d)) Replacing the diesel exhaust fluid pump (Discovery Sport (2.0d), Evoque (2.0d)) Resetting the fuel pre-supply pump protection mode (Discovery Sport (2.0d), Evoque (2.0d)) Resetting learned values of the mass airflow sensor (Discovery Sport (2.0d), Evoque (2.0d)) Resetting learned values of the engine ECU (Discovery Sport (2.0d), Evoque (2.0d)) Resetting learned values of low pressure EGR valve (Discovery Sport (2.0d), Evoque (2.0d)) Resetting learned values of the SCR catalyst (Discovery Sport (2.0d), Evoque (2.0d)) Resetting the swirl control valve learned values (Discovery Sport (2.0d), Evoque (2.0d)) Resetting learned values of the oxygen sensor (Discovery Sport (2.0d), Evoque (2.0d)) Resetting learned values of minimum injection quantities (Discovery Sport (2.0d), Evoque (2.0d)) Resetting oxidation catalyst learned values (Discovery Sport (2.0d), Evoque (2.0d)) Resetting the start inhibitor of DEF injection system (Discovery Sport (2.0d), Evoque (2.0d))



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Initialising the steering angle sensor (Discovery Sport)
 Initialising the brake-pressure sensor (Discovery Sport)
 Initialising the air conditioning actuators (Discovery Sport, Evoque)
 Initialising the air conditioning flap actuators (Discovery Sport, Evoque)
 Resetting learned values of the air conditioning compressor (Discovery Sport, Evoque)
 Performing the initial run-in of the air conditioning compressor (Discovery Sport, Evoque)
 Initialising the tilt/slide sunroof (Discovery Sport)
 Initialising the rain sensor (Discovery Sport, Evoque)
 Initialising the power window front driver side (Discovery Sport, Evoque)
 Calibrating front passenger-side power window (Discovery Sport, Evoque)
 Initialising the rear window regulators (Discovery Sport, Evoque)
 Calibrating the front camera (Discovery Sport, Evoque)

- | **Coding**
 - Registering the battery (Discovery (V))
 - Initialising tire pressure sensors (F-Pace)
- | **Service reset**
 - Service reset (Discovery (V), Defender, Evoque)
- | **Test function**
 - Activating the glow time ECU (Discovery Sport, Evoque)
 - Communication test of no-load current monitoring module (Range Rover Sport (VI))

Lexus

- | **Trouble code**
 - LX (URJ), ES (ASV), GS (GWL, AWL, GRL), IS (AVE, GSE, ASE), LC (GWZ), LS (USF), NX (AGZ), RC (AVC, GSC), RX (GYL, AGL, GGL)
- | **Parameter**
 - LX (URJ), ES (ASV), GS (GWL, AWL, GRL), IS (AVE, GSE, ASE), LC (GWZ), LS (USF), NX (AGZ), RC (AVC, GSC), RX (GYL, AGL, GGL)
- | **Actuator**
 - LX (URJ), ES (ASV), GS (GWL, AWL, GRL), IS (AVE, GSE, ASE), LC (GWZ), LS (USF), NX (AGZ), RC (AVC, GSC), RX (GYL, AGL, GGL)
- | **Basic setting**
 - Calibrating the front camera statically (RX (GYL2, AGL2, GGL2), GS (URL, ARL, GRL, AWL, GWL), IS (ASE3, GSE3), LX (URJ, VDJ))

Mazda

- | **Trouble code**
 - CX-3, CX-7, Mazda2 (DJ), Mazda6 (GL), Mazda3 (BN)
- | **Parameter**
 - CX-3, Mazda2 (DJ), Mazda6 (GL), Mazda3 (BN)



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Actuator	Mazda6 (GL), Mazda3 (BN)
Basic setting	Initialising the brake-pressure sensor (Mazda6 (GL), Mazda3 (BN)) Initialising the longitudinal acceleration sensor (Mazda6 (GL), Mazda3 (BN)) Initialising the yaw rate sensor (Mazda6 (GL), Mazda3 (BN)) Initialising the longitudinal acceleration sensor (Mazda6 (GL), Mazda3 (BN)) Calibrating the front camera (Mazda6 (GL), Mazda3 (BN)) Calibrating the front camera dynamically (Mazda6 (GL), Mazda3 (BN)) Resetting headlight levelling learned values (Mazda6 (GL), Mazda3 (BN))

Mercedes

Trouble code	C-Class BM203 / 204 / 204 Facelift, GLK-Class BM204 / 204 Facelift / x204 / x204 Facelift, E-Class BM212 / 213 / 238, 213 All Terrain, E-Class convertible BM207 / 238 / 207 Facelift, GLE-Class BM166 / 292, CLS-Class BM218, R-Class BM251, V-Class BM639 / 447 / 448, Sprinter BM906 / 906 (III), A-Class BM176, GLA-Class BM156, CLA-Class BM117, B-Class BM246, CL-Class BM215, SL-Class BM230, G-Class BM463, GLC-Class BM253, E-Class Coupé BM238
Parameter	C-Class BM204 / 204 Facelift, GLK-Class BM204, E-Class BM212, E-Class convertible BM207 / 207 Facelift, BM292, CLS-Class BM218, V-Class BM447 / 448, CL-Class BM215, SL-Class BM230, A-Class BM176, GLA-Class BM156, B-Class BM246, G-Class BM463, GLE-Class BM166
Actuator	C-Class BM204 / 204 Facelift, GLK-Class BM204, E-Class BM212, E-Class convertible BM207 / 207 Facelift, BM292, CLS-Class BM218, V-Class BM448, CL-Class BM215, SL-Class BM230, GLE-Class BM166
Basic setting	Regenerating the diesel particulate filter during driving (A-Class BM176, B-Class BM246, GLA-Class BM156, CLA-Class BM117) Adaptive distance and cruise control adaptation drive cycle (E-Class BM213, E-Class Coupé BM238) Adjusting the headlights (B-Class BM246, E-Class BM212 / 213 / 213 All-TerrainE-Class Coupé BM238GLC-Class BM253) Resetting the counter for left + right headlight fan motor operating hours (B-Class BM246 / 213 All-Terrain, E-Class BM213E-Class Coupé BM238) Resetting the counter for right headlight operating hours (B-Class BM246 / 213 All-Terrain, E-Class BM213, E-Class Coupé BM238) Resetting the counter for left headlight operating hours (B-Class BM246 / 213 All-Terrain, E-Class Coupé BM238) Calibrating the mono camera (E-Class BM238 / 213 All-Terrain, V-Class BM448, GLE-Class BM166) Calibrating the stereo camera (E-Class BM238 / 213 All-Terrain, GLE-Class BM166) Moving the wind deflector of windshield into assembly position (E-Class convertible BM207 / 207 Facelift) Calibrating the radar sensor (E-Class BM213 All-Terrain)



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Initialising the differential pressure sensor (A-Class BM176, GLA-Class BM156, B-Class BM246)

Resetting learned values of low pressure EGR valve (A-Class BM176, GLA-Class BM156, B-Class BM246)

Adaptation of exhaust gas flap actuator (A-Class BM176, GLA-Class BM156, B-Class BM246)

Actuation of parking brake installation/removal position (GLC-Class BM253)

Resetting the diesel exhaust fluid level (E-Class BM212)

Resetting learned values of DEF pump (E-Class BM212)

Initialising the diesel exhaust fluid level sensor (E-Class BM212)

Resetting learned values of the oxygen sensor (C-Class BM204 / 204 Facelift)

Initialising the throttle valve (G-Class BM463)

Resetting learned values of the quantity mean value (G-Class BM463)

Resetting learned values of the air filter (G-Class BM463)

Zero fuel quantity calibration (G-Class BM463)

Initialising the diesel particulate filter (G-Class BM463)

Regenerating the diesel particulate filter (G-Class BM463, B-Class BM246)

Resetting learned values of the mass airflow sensor (G-Class BM463)

Changing the gear oil (CLA-Class BM117, B-Class BM246, A-Class BM176, GLA-Class BM156)

Checking transmission oil level (CLA-Class BM117, B-Class BM246, A-Class BM176, GLA-Class BM156)

| Coding

Registering the battery (C-Class BM205, GLC-Class BM253, A-Class BM176, GLA-Class BM156, CLA-Class BM117, B-Class BM246, E-Class BM213 / 213 All-Terrain, GLE-Class BM292, ML/GLE Class BM166, S-Class BM222, S-Class Coupé BM217, E-Class Coupé BM238)

Coding the rain/light sensor (C-Class BM205, E-Class BM212 / 213/ 207 Convertible / 207 Facelift, GLC-Class BM253, GLA-Class BM156, E-Class Coupé BM238)

Coding injectors (G-Class BM463)

| Service reset

Reading out the service tasks (GLC-Class BM253)

Service reset (GLC-Class BM253)

Service interval reset (GLC-Class BM253)

Resetting the diesel exhaust fluid (GLC-Class BM253)

Service reset with multifunction steering wheel (V-Class BM447)

| Test function

Performing the compression test (G-Class BM463)



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Mini

Trouble code	Mini Convertible (R57, F57), Mini Clubman (R55, F54), Mini Countryman (R60, F60), Mini Coupé (R58), Mini One (R56, F55, F56), Mini Paceman (R61), Mini Roadster (R59)
Parameter	Mini Convertible (R57, F57), Mini Clubman (R55, F54), Mini Countryman (R60, F60), Mini Coupé (R58), Mini One (R56, F55, F56), Mini Paceman (R61), Mini Roadster (R59)
Actuator	Mini Convertible (R57), Mini Clubman (R55), Mini Countryman (R60), Mini One (R56, F55, F56), Mini Paceman (R61), Mini Roadster (R59)
Basic setting	Resetting the immobiliser (Mini Convertible (R57))
Service reset	Resetting the vehicle check service interval (Mini One (F55)) Resetting the date for the statutory vehicle check (Mini Convertible (F57), Mini Clubman (F54), Mini Countryman (F60), Mini One (F55, F56)) Resetting the brake fluid service interval (Mini One (F55))

Nissan

Trouble code	NV200 (M20), 370Z (Z34)
Parameter	NV200 (M20), 370Z (Z34)
Actuator	NV200 (M20), 370Z (Z34)
Basic setting	Upon diesel particulate filter replacement (NV200 (M20)) After particulate filter regeneration (NV200 (M20)) Activating the fuel pump (NV200 (M20)) Initialising the mass airflow sensor (NV200 (M20)) Initialising the intake-air flap (NV200 (M20)) Initialising the exhaust gas flap (NV200 (M20)) Adapting the turbocharger (NV200 (M20)) Initialising the EGR valve (NV200 (M20)) Initialising the EGR bypass valve (NV200 (M20)) Initialising the fuel pressure sensor (NV200 (M20)) Initialising the differential pressure sensor (NV200 (M20)) Initialising the low pressure EGR valve (NV200 (M20)) Initialising the high-pressure fuel pump (NV200 (M20)) Initialising the oxygen sensor (NV200 (M20)) Initialising the steering angle sensor (NV200 (M20), 370Z (Z34))



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| Coding

Coding injectors (NV200 (M20))

| Service reset

Resetting the engine oil change interval (NV200 (M20))

Opel

| Basic setting

Regenerating the diesel particulate filter (Meriva-B)
 Resetting differential pressure sensor learned values (Meriva-B)
 Resetting learned values of the diesel particulate filter (Meriva-B)
 Initialising the oxygen sensor (Meriva-B)
 Resetting learned values of the catalytic converter (Meriva-B)
 Initialising the mass airflow sensor (Meriva-B)
 Accelerator sensor adaptation (Meriva-B)
 Initialising the EGR valve (Meriva-B)
 Reset of exhaust-gas temperature values (Meriva-B)
 Initialising the crankshaft position (Meriva-B)
 Initialising the clutch pedal position (Meriva-B)
 Idle adaptation (Meriva-B)
 Initialising the throttle valve (Corsa-E, Astra-J)
 Initialising the battery sensor module (Meriva-B, Astra-J, Zafira-C, Insignia)
 Initialising the fuel pressure regulator (Meriva-B, Astra-J)

| Coding

Coding injectors (Meriva-B)

| Service reset

Reset of engine oil service life (Meriva-B)

Peugeot

| Trouble code

208, 308 (II) (T9), 5008 (II) (P87), Boxer (III) (Euro 6)

| Parameter

208, 308 (II) (T9), 5008 (II) (P87), Boxer (III) (Euro 6)

| Actuator

208, 308 (II) (T9), 5008 (II) (P87), Boxer (III) (Euro 6)

| Basic setting

Initialising the engine components (5008 (II) (P87), Boxer (III) (Euro 6))
 Initialising the diesel particulate filter (5008 (II) (P87), Boxer (III) (Euro 6))
 Regenerating the diesel particulate filter (5008 (II) (P87), Boxer (III) (Euro 6))
 Cleaning the EGR valve (5008 (II) (P87), Boxer (III) (Euro 6))
 Adapting the turbocharger (5008 (II) (P87), Boxer (III) (Euro 6))
 Emptying/filling the diesel exhaust fluid tank (5008 (II) (P87), Boxer (III) (Euro 6))



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Regenerating the DeNOx catalyst (5008 (II) (P87), Boxer (III) (Euro 6))
Activating the start/stop function (5008 (II) (P87))
Initialising the injector (5008 (II) (P87))
Initialising the throttle valve (5008 (II) (P87), Boxer (III) (Euro 6))
Initialising the boost pressure regulator (5008 (II) (P87), Boxer (III) (Euro 6))
Registering the battery (5008 (II) (P87), Boxer (III) (Euro 6))
Resetting starter learned values (5008 (II) (P87))
Initialising the alternator (5008 (II) (P87))
Adapting the clutch (5008 (II) (P87), Boxer (III) (Euro 6))
Adapting the flywheel (5008 (II) (P87), Boxer (III) (Euro 6))
Accelerator sensor adaptation (5008 (II) (P87), Boxer (III) (Euro 6))
Replace exhaust manifold (5008 (II) (P87), Boxer (III) (Euro 6))
Initialising the EGR valve (5008 (II) (P87), Boxer (III) (Euro 6))
Initialising the air metering system (5008 (II) (P87), Boxer (III) (Euro 6))
Initialising the mass airflow sensor (5008 (II) (P87), Boxer (III) (Euro 6))
Initialising the high-pressure fuel pump (5008 (II) (P87), Boxer (III) (Euro 6))
Replacing the fuel supply pump (5008 (II) (P87), Boxer (III) (Euro 6))
Adapting the DEF injection system (5008 (II) (P87), Boxer (III) (Euro 6))
Regenerating the diesel particulate filter at standstill (208, 2008, 301, 308 (T9), 5008 (II) (P87), Boxer (III) (Euro 6), Partner (III), Traveller)
Initialising the steering angle sensor (5008 (II) (P87), Boxer (III) (Euro 6))
Bleeding the braking system (5008 (II) (P87))
Uninstalling/installing the rear brake linings (5008 (II) (P87))
Initialising the rotation rate sensor (5008 (II) (P87), Boxer (III) (Euro 6))
Un/locking the airbag ECU (5008 (II) (P87))
Learning the recirculation air flap stop (5008 (II) (P87))
Leaving the ECO mode (5008 (II) (P87))
Initialising the rain/light sensor manually/automatically (5008 (II) (P87))
Calibrating the front camera dynamically (3008 (II) (P84), 5008 (II) (P87), Boxer (III) (Euro 6))
Initialising the fuel level (5008 (II) (P87))



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| Coding

Coding injectors (5008 (II) (P87), Boxer (III) (Euro 6))
 Additive quantity coding (5008 (II) (P87), Boxer (III) (Euro 6))
 Coding the trailer hitch (3008 (II) (P84), 5008 (II) (P87), Boxer (III) (Euro 6), Expert (IV), Traveller)
 Coding the intrusion monitoring (5008 (II) (P87))
 Coding the tone type in case of activation (5008 (II) (P87))
 Coding the battery capacity (5008 (II) (P87))
 Coding the keys (5008 (II) (P87))

| Service reset

Service reset (5008 (II) (P87), Boxer (III) (Euro 6), Bipper)
 Reset of transmission oil ageing counter (5008 (II) (P87))

| Test functions

Performing the compression test (5008 (II) (P87), Boxer (III) (Euro 6))
 Switching off the injector test (5008 (II) (P87), Boxer (III) (Euro 6))

Porsche

| Trouble code

Macan (95B), Cayenne (92A), Panamera (970), 911 (991), Boxster (981), Cayman (981C)

| Basic setting

Initialising the throttle valve (Cayenne (92A), Panamera (970))
 Bleeding the cooling system (Cayenne (92A), Panamera (970))
 Bleeding the fuel system (Macan (95B), Cayenne (92A), Panamera (970), 911 (991), Boxster (981), Cayman (981C))
 Resetting learned values of the fuel system (Cayenne (92A))
 Initialising the drive position sensor (Macan (95B))
 Adapting the clutch biting point (Macan (95B))
 Adapting the radiator shutter (Cayenne (92A))
 Resetting learned values of the oxygen sensor (Cayenne (92A), Macan (95B))



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Range Rover

| Basic setting

Replacing the DEF level sensor (Discovery Sport, Evoque)
Replacing the diesel exhaust fluid pump (Discovery Sport, Evoque)
Resetting the fuel pre-supply pump protection mode (Discovery Sport, Evoque)
Resetting learned values of the mass airflow sensor (Discovery Sport, Evoque)
Resetting learned values of the engine ECU (Discovery Sport, Evoque)
Resetting learned values of low pressure EGR valve (Discovery Sport, Evoque)
Resetting learned values of the SCR catalyst (Discovery Sport, Evoque)
Resetting the swirl control valve learned values (Discovery Sport, Evoque)
Resetting learned values of the oxygen sensor (Discovery Sport, Evoque, Range Rover (VI) (306 DT, 448 DT))
Resetting learned values of minimum injection quantities (Discovery Sport, Evoque)
Resetting oxidation catalyst learned values (Discovery Sport, Evoque, Range Rover (VI) (306 DT))
Resetting the start inhibitor of DEF injection system (Discovery Sport, Evoque)
Resetting differential pressure sensor learned values (Defender (III))
Replacing the particulate filter (Range Rover (VI) (306 DT, 448 DT))
Resetting differential pressure sensor learned values (Range Rover (VI) (448 DT))
Resetting learned values of boost control solenoid valve (Range Rover (VI) (448 DT))
Resetting learned values of fuel quantity (Range Rover (VI) (448 DT))
Resetting learned values of the throttle valve (Range Rover (VI) (306 DT))
Resetting learned values of the EGR valve (Range Rover (VI) (306 DT))
Resetting learned values of fuel pump (Range Rover (VI) (306 DT))
Regenerating the diesel particulate filter (Range Rover (VI) (306 DT))
Initialising the steering angle sensor (Discovery Sport)
Initialising the brake-pressure sensor (Discovery Sport)
Initialising the air conditioning actuator stop (Discovery Sport, Evoque)
Initialising the air conditioning actuators (Discovery Sport, Evoque)
Resetting learned values of the air conditioning compressor (Discovery Sport, Evoque)
Performing the initial run-in of the air conditioning compressor (Discovery Sport, Evoque)
Calibrating the sunroof (Discovery Sport)
Initialising the rain sensor (Discovery Sport, Evoque)
Initialising the power window front driver side (Discovery Sport, Evoque)
Calibrating front passenger-side power window (Discovery Sport, Evoque)
Calibrating the rear window regulator (Discovery Sport, Evoque)
Calibrating the four-wheel drive (Discovery Sport, Evoque)
Purging the four-wheel drive (Discovery Sport, Evoque)
Bleeding the four-wheel drive pump (Discovery Sport, Evoque)



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Service reset	Resetting the engine oil change interval (Defender) Resetting the indicator lamp "Water in fuel" (Evoque, Range Rover (VI))
Test function	Activating the glow time ECU (Discovery Sport, Evoque) Communication test of no-load current monitoring module (Range Rover (VI))

Renault

Trouble code	ZOE, Scénic (IV)
Parameter	ZOE, Scénic (IV)
Actuator	ZOE, Scénic (IV)
Basic setting	Upon diesel particulate filter replacement (Scénic (IV), Mégane (IV)) Regenerating the diesel particulate filter (Scénic (IV)) Initialising the intake-air flap (Scénic (IV), Mégane (IV)) Resetting learned values of the catalytic converter (Scénic (IV), Mégane (IV)) Initialising the EGR valve (Scénic (IV), Mégane (IV)) Resetting high-pressure fuel pump learned values (Scénic (IV), Mégane (IV)) Initialising the starter ring gear (Scénic (IV), Mégane (IV)) Initialising the differential pressure sensor (Scénic (IV), Mégane (IV)) Initialising the fuel pressure sensor (Scénic (IV), Mégane (IV)) Initialising the oxygen sensor (Scénic (IV), Mégane (IV)) Adapting the low-pressure EGR valve (Scénic (IV), Mégane (IV)) Initialising the exhaust gas flap (Scénic (IV), Mégane (IV)) Initialising the swirl flap (Scénic (IV), Mégane (IV)) Resetting starter learned values (Scénic (IV), Mégane (IV)) Resetting learned values of the steering angle sensor (Scénic (IV)) Initialising the steering angle sensor (Scénic (IV)) De/activating the parking brake service mode (Scénic (IV)) Initialising the ride height sensor (Scénic (IV)) Initialising the air distribution flaps (Scénic (IV)) ABS bleeding (ZOE) De-energising the hybrid/electric vehicle (ZOE)



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| Coding

Coding injectors (Scénic (IV))
 Coding the trailer stability program (Scénic (IV))
 Coding the tyre size (ZOE, Scénic (IV))
 Locking/unlocking the airbag ECU (ZOE, Scénic (IV))
 Coding the trailer hitch (Scénic (IV))
 Adapting the trailer hitch to advanced driver assistance systems (ZOE, Scénic (IV))
 Coding instrument cluster units (Scénic (IV))
 Coding the language version of the instrument cluster (ZOE, Scénic (IV))
 Coding the country version of the instrument cluster (Scénic (IV))
 Coding the power steering ECU (Scénic (II), Mégane (II), Mode)

| Service reset

Service reset (Scénic (IV))

Seat

| Trouble code

Ateca (KH), Leon (5F) Facelift

| Parameter

Ateca (KH), Leon (5F) Facelift

| Actuator

Ateca (KH), Leon (5F) Facelift

| Basic setting

Bleeding the cooling system (Ateca (KH), Leon (5F) Facelift)
 Regenerating the diesel particulate filter (Ateca (KH), Leon (5F) Facelift)
 Adapting the diesel particulate filter (Ateca (KH), Leon (5F) Facelift)
 Initialising the low pressure EGR valve (Ateca (KH), Leon (5F) Facelift)
 Initialising the high-pressure EGR valve (Ateca (KH), Leon (5F) Facelift)
 Adapting the turbocharger (Ateca (KH), Leon (5F) Facelift)
 Initialising the throttle valve (Ateca (KH), Leon (5F) Facelift)
 Initialising the exhaust gas flap (Ateca (KH), Leon (5F) Facelift)
 Adjusting the 7-speed dual-clutch transmission (DQ200-0CW) (Ateca (KH), Leon (5F) Facelift, Ibiza (6P), Toledo (KG) 05/2015-)
 Adjusting the 6-speed dual-clutch transmission (DQ250-0D9) (Ateca (KH), Leon (5F) Facelift, Ibiza (6P))
 Resetting the engine learned values (Ateca (KH), Leon (5F) Facelift)
 Adapting the DEF injection system (Ateca (KH), Leon (5F) Facelift)
 Parking brake retraction (Ateca (KH), Leon (5F) Facelift)
 Parking brake extending (Ateca (KH), Leon (5F) Facelift)
 Calibrating the parking brake (Ateca (KH), Leon (5F) Facelift)
 Initialising the brake-pressure sensor (Ateca (KH), Leon (5F) Facelift)
 Initialising the ESC sensors (Ateca (KH), Leon (5F) Facelift)



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Standardizing the A/C flap actuators (Ateca (KH), Leon (5F) Facelift)
 Performing the initial run-in of the air conditioning compressor (Ateca (KH), Leon (5F) Facelift)
 Activating the retrofitting of the parking heater (Ateca (KH), Leon (5F) Facelift)
 Unlocking the parking heater/auxiliary heater (Ateca (KH), Leon (5F) Facelift)
 Burning off the fuel burning heater/auxiliary heater (Ateca (KH), Leon (5F) Facelift)
 Adapting the fuel burning heater remote control (Ateca (KH), Leon (5F) Facelift)
 Initialising the dynamic/static adaptive cruise control (Ateca (KH), Leon (5F) Facelift)
 Adapting the seat belt tensioner (Ateca (KH), Leon (5F) Facelift)
 Initialising the steering angle sensor (Ateca (KH), Leon (5F) Facelift)
 Aiming headlamp with/without dynamic light control (DLA) (Ateca (KH), Leon (5F) Facelift)
 Calibrating the all-round vision camera system (Ateca (KH))
 Calibrating the front camera system (Ateca (KH))
 Initialising the neutral position sensor (Leon (5F) Facelift)
 Calibrating the front camera (Leon (5F) Facelift)
 Adjusting pressure capsule of turbocharger (Ibiza (6J))
 Initialising the neutral position sensor (Ibiza (6P), Toledo (KG), Leon (5F), Ateca (KH))
 Initialising the tilt/slide sunroof (Alhambra (71))

| Coding

Coding injectors (Ateca (KH), Leon (5F) Facelift)
 Coding of language version (Ateca (KH), Leon (5F) Facelift)
 Deactivating/activating the trailer hitch (Ateca (KH), Leon (5F) Facelift)
 Adapting the trailer hitch to advanced driver assistance systems (Ateca (KH), Leon (5F) Facelift)
 Trailer recognition coding (Ateca (KH), Ibiza (6P), Toledo (KG) 05/2015-, Leon (5F), Leon (5F) Facelift)
 Adjusting the parking assist volume (Ateca (KH), Leon (5F) Facelift)
 De/activating the transport mode (Ateca (KH), Leon (5F) Facelift)
 Registering the battery (Ateca (KH), Leon (5F) Facelift)
 Coding the gateway installation list (Ateca (KH), Leon (5F) Facelift)
 General ECU replacement (Ateca (KH), Leon (5F) Facelift)
 Replacing the headlight/power module (Leon (5F))

| Service reset

Service reset (Ateca (KH), Leon (5F) Facelift)

Skoda

| Trouble code

Octavia (5E) Facelift, Kodiaq (NS)

| Parameter

Octavia (5E) Facelift, Kodiaq (NS)



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Actuator

Octavia (5E) Facelift, Kodiahq (NS)

Basic setting

Calibrating the parking brake (Superb (3V))

Adjusting pressure capsule of turbocharger (Superb (3V), Fabia (54), Rapid (NH), Roomster (5J))

Initialising the neutral position sensor (Superb (3V), Fabia (NJ), Rapid (NH), Octavia (5E), Octavia (5E) Facelift, Kodiahq (NS))

Initialising the tilt/slide sunroof (Superb (3T), Yeti (5L))

Bleeding the cooling system (Octavia (5E) Facelift, Kodiahq (NS))

Regenerating the diesel particulate filter (Octavia (5E) Facelift, Kodiahq (NS))

Adapting the diesel particulate filter (Octavia (5E) Facelift, Kodiahq (NS))

Initialising the low pressure EGR valve (Octavia (5E) Facelift, Kodiahq (NS))

Initialising the high-pressure EGR valve (Octavia (5E) Facelift, Kodiahq (NS))

Adapting the turbocharger (Octavia (5E) Facelift, Kodiahq (NS))

Initialising the throttle valve (Octavia (5E) Facelift, Kodiahq (NS))

Initialising the exhaust gas flap (Octavia (5E) Facelift, Kodiahq (NS))

Initialising the 7-speed dual-clutch transmission (DQ200-0CW) (Octavia (5E) Facelift, Fabia (NJ), Superb (3V))

Initialising the 6-speed dual-clutch transmission (DQ250-0D9) (Octavia (5E) Facelift, Fabia (NJ), Rapid (NH) 05/2015-, Superb (3V))

Resetting the engine learned values (Octavia (5E) Facelift, Kodiahq (NS))

Adapting the DEF injection system (Octavia (5E) Facelift, Kodiahq (NS))

Parking brake retraction (Octavia (5E) Facelift, Kodiahq (NS))

Parking brake extending (Octavia (5E) Facelift, Kodiahq (NS))

Calibrating the parking brake (Octavia (5E) Facelift, Kodiahq (NS))

Initialising the brake-pressure sensor (Octavia (5E) Facelift, Kodiahq (NS))

Initialising the ESC sensors (Octavia (5E) Facelift, Kodiahq (NS))

Standardizing the A/C flap actuators (Octavia (5E) Facelift, Kodiahq (NS))

Performing the initial run-in of the air conditioning compressor (Octavia (5E) Facelift, Kodiahq (NS))

Activating the retrofitting of the parking heater (Octavia (5E) Facelift, Kodiahq (NS))

Unlocking the parking heater/auxiliary heater (Octavia (5E) Facelift, Kodiahq (NS))

Burning off the fuel burning heater/auxiliary heater (Octavia (5E) Facelift, Kodiahq (NS))

Adapting the fuel burning heater remote control (Octavia (5E) Facelift, Kodiahq (NS))

Initialising the adaptive cruise control (Octavia (5E) Facelift)

Initialising the static/dynamic adaptive cruise control (Kodiahq (NS))

Adapting the seat belt tensioner (Octavia (5E) Facelift, Kodiahq (NS))

Initialising the steering angle sensor (Octavia (5E) Facelift, Kodiahq (NS))

Aiming headlamp with/without dynamic light control (DLA) (Octavia (5E) Facelift, Kodiahq (NS))



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Calibrating the front camera (Octavia (5E) Facelift)
 Calibrating the front camera system (Kodiaq (NS))
 Calibrating the rearview camera system (Kodiaq (NS))
 Calibrating the all-round vision camera system (Kodiaq (NS))
 Calibrating the camera ECU (Kodiaq (NS))

| Coding

Trailer recognition coding (Fabia (NJ), Rapid (NH) 05/2015-, Superb (3V), Octavia (5E), Octavia (5E) Facelift, Kodiaq (NS))
 Replacing the headlight/power module (Octavia (5E))
 Coding injectors (Octavia (5E) Facelift, Kodiaq (NS))
 Coding of language version (Octavia (5E) Facelift, Kodiaq (NS))
 Deactivating/activating the trailer hitch (Octavia (5E) Facelift, Kodiaq (NS))
 Adapting the trailer hitch to advanced driver assistance systems (Octavia (5E) Facelift, Kodiaq (NS))
 Adjusting the parking assist volume (Octavia (5E) Facelift, Kodiaq (NS))
 De/activating the transport mode (Octavia (5E) Facelift, Kodiaq (NS))
 Registering the battery (Octavia (5E) Facelift, Kodiaq (NS))
 Coding the gateway installation list (Octavia (5E) Facelift, Kodiaq (NS))
 General ECU replacement (Octavia (5E) Facelift, Kodiaq (NS))
 Replacing the headlight/power module (Octavia (5E) Facelift)

| Service reset

Service reset (Octavia (5E) Facelift, Kodiaq (NS))

Smart

| Trouble code

Fortwo Electric Drive (453), Fortwo Coupé Electric Drive (453), Forfour Electric Drive (453)

| Parameter

Fortwo Electric Drive (453), Fortwo Coupé Electric Drive (453), Forfour Electric Drive (453)

| Actuator

Fortwo Electric Drive (453), Fortwo Coupé Electric Drive (453), Forfour Electric Drive (453)

| Basic setting

Calibrating the front camera (Fortwo Electric Drive (453), Fortwo Coupé Electric Drive (453), Forfour Electric Drive (453))
 Resetting learned values of the ABS control unit (Fortwo Electric Drive (453), Fortwo Coupé Electric Drive (453), Forfour Electric Drive (453), Fortwo (453), Forfour (453))
 Initialising the steering angle sensor (Fortwo Electric Drive (453)Fortwo Coupé Electric Drive (453), Forfour Electric Drive (453))
 Initialising lateral/longitudinal/rotation acceleration sensor (Fortwo Electric Drive (453)Fortwo Coupé Electric Drive (453), Forfour Electric Drive (453))
 Calibrating the tyre pressure monitoring system (Fortwo Electric Drive (453)Fortwo Coupé Electric Drive (453), Forfour Electric Drive (453))



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- | **Coding** Coding of wheel valves (Fortwo Electric Drive (453), Fortwo Coupé Electric Drive (453), Forfour Electric Drive (453))
- | **Service reset** Service reset (Fortwo Electric Drive (453), Fortwo Coupé Electric Drive (453), Forfour Electric Drive (453), Fortwo (453), Forfour (453))

Subaru

- | **Trouble code** Legacy (BM, BR, BN, BS), Levorg (VM), Impreza (G4), Forester (SJ), Outback (BR, BS), WRX STI (V1), XV (G4)
- | **Parameter** Legacy (BM, BR, BN, BS), Levorg (VM), Impreza (G4), Forester (SJ), Outback (BR, BS), WRX STI (V1), XV (G4)
- | **Basic setting** Calibrating the front camera (Levorg (VM))
Deleting lane keeping assist learned values (Levorg (VM))

Suzuki

- | **Trouble code** Vitara (D16AA)
- | **Parameter** Vitara (D16AA)
- | **Actuator** Vitara (D16AA)
- | **Basic setting** Regenerating the diesel particulate filter (Vitara (D16AA))
Upon diesel particulate filter replacement (Vitara (D16AA))
Initialising the high-pressure fuel system (Vitara (D16AA))
Initialising the high-pressure EGR valve (Vitara (D16AA))
Initialising the low pressure EGR valve (Vitara (D16AA))
Initialising the mass airflow sensor (Vitara (D16AA))
Initialising the differential pressure sensor (Vitara (D16AA))
Initialising the oxygen sensor (Vitara (D16AA))
Initialising the intake-air flap (Vitara (D16AA))
Adapting the turbocharger (Vitara (D16AA))
- | **Coding** Coding injectors (Vitara (D16AA))
- | **Service reset** Resetting the oil change interval (Vitara (D16AA))
Performing fuel filter service reset (Vitara (D16AA))



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Toyota

Trouble code	Proace Verso (MDZ), C-HR (ZYG, NGX), Hilux (GUN)
Parameter	Proace Verso (MDZ), C-HR (ZYG, NGX), Hilux (GUN)
Actuator	Proace Verso (MDZ), C-HR (ZYG, NGX), Hilux (GUN)



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Basic setting

Replacing the particulate filter (Proace Verso (MDZ))
Regenerating the diesel particulate filter (Proace Verso (MDZ))
Cleaning the EGR valve (Proace Verso (MDZ))
Adapting the turbocharger (Proace Verso (MDZ))
Filling the additive container (Proace Verso (MDZ))
Emptying/filling the diesel exhaust fluid tank (Proace Verso (MDZ))
Regenerating the DeNOx catalyst (Proace Verso (MDZ))
Start/Stop mode (Proace Verso (MDZ))
Replacing engine parts (Proace Verso (MDZ))
Replacing additive container/pump (Proace Verso (MDZ))
Initialising the steering angle sensor (Proace Verso (MDZ), Prius 4 (ZVW50, ZVW51), C-HR (ZYX, ZGX))
Initialising the longitudinal acceleration sensor (Proace Verso (MDZ))
Replacing brake parts (Proace Verso (MDZ))
Replacement of brake linings (Proace Verso (MDZ))
Applying/releasing the electric parking brake (Proace Verso (MDZ))
Initialising the brake calliper (Proace Verso (MDZ))
Resetting the activation counter of brake calliper RR + RL (Proace Verso (MDZ))
Locking/unlocking the airbag ECU (Proace Verso (MDZ))
Initialising the rain/light sensor (Proace Verso (MDZ))
Manually initialising the rain/light sensor (Proace Verso (MDZ))
Leaving the ECO mode (Proace Verso (MDZ))
Initialising the fuel level (Proace Verso (MDZ))
Initialising the selector actuator (Proace Verso (MDZ))
Removing/installing the gear selector lever actuator (Proace Verso (MDZ))
Replacing the automatic transmission (Proace Verso (MDZ))
Reset of engine oil service life (Proace Verso (MDZ))
Calibrating the front camera dynamically (Proace Verso (MDZ))
Bleeding the (SBC) brake (Prius 4 (ZVW50, ZVW51), C-HR Hybrid (ZYX))
Calibrating the front camera statically (Prius 4 (ZVW50, ZVW51), C-HR (ZYX, ZGX), RAV4 (AVA, ZSA, ALA, Hilux (GUN), Land Cruiser (URJ, GRJ, VDJ))

Test function

Performing the compression test (C-HR (ZGX))
Performing tank leak diagnosis (C-HR (ZGX))



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Volkswagen

Trouble code	Crafter (SY, SZ), Golf 7 (BQ, BV, BE2), Touran (5T), Tiguan (AD), Passat (3G), Polo (6C)
Parameter	Golf 7 (5G, BA, AM, BE1, BQ, BV, BE2), Polo (6C), Touran (5T), Tiguan (AD), Passat (3G), Crafter (SY, SZ)
Actuator	Golf 7 (BQ, BV), Crafter (SY, SZ), Touran (5T), Tiguan (AD), Passat (3G), Polo (6C)
Basic setting	Calibrating the parking brake (Golf 7 (5G, BA, AM, BE1, BQ, BV), Touran (5T), Tiguan (AD), Passat (3G)) Initialising the static/dynamic adaptive cruise control (Tiguan (AD)) Regenerating the diesel particulate filter (Golf 7 (BQ, BV), Crafter (SY, SZ)) Adapting the diesel particulate filter (Golf 7 (BQ, BV), Crafter (SY, SZ)) Initialising the EGR valve (Crafter (SY, SZ)) Adapting the turbocharger (Golf 7 (BQ, BV), Crafter (SY, SZ)) Initialising the throttle valve (Golf 7 (BQ, BV), Crafter (SY, SZ)) Initialising the low pressure EGR valve (Golf 7 (BQ, BV)) Initialising the high-pressure EGR valve (Golf 7 (BQ, BV)) Initialising the exhaust gas flap (Golf 7 (BQ, BV)) Resetting the engine learned values (Crafter (SY, SZ), Golf 7 (BQ, BV)) Adapting the DEF injection system (Crafter (SY, SZ), Golf 7 (BQ, BV)) Adapting the electronic climate control (Crafter (SY, SZ)) Performing the initial run-in of the air conditioning compressor (Crafter (SY, SZ)) Unlocking the parking heater/auxiliary heater (Crafter (SY, SZ)) Burning off the fuel burning heater/auxiliary heater (Crafter (SY, SZ)) Adapting the fuel burning heater remote control (Crafter (SY, SZ)) Initialising the static/dynamic adaptive cruise control (Crafter (SY, SZ)) Calibrating the front camera system (Crafter (SY, SZ)) Calibrating the all-round vision camera system (Tiguan (AD)) Initialising the 7-speed dual-clutch transmission (DQ200-0CW) (Golf 7 (5G, BA, AM, BQ, BV), Polo (6C), Touran (5T), Tiguan (AD), Passat (3G)) Initialising the 7-speed dual-clutch transmission (DQ500-0BH, 0BT, 0DL) (Tiguan (AD), Passat (3G)) Initialising the 6-speed dual-clutch transmission (DQ250-0D9) (Golf 7 (5G, BA, AM, BQ, BV), Touran (5T), Tiguan (AD), Passat (3G)) Adjusting pressure capsule of turbocharger (Polo (6R)) Initialising the neutral position sensor (Polo (6C), Touran (5T), Golf 7 (5G, BA, AM, BE1, BQ, BV), Passat (3G), Crafter (SY, SZ)) Passat (36), Passat CC (35), CC (35), Tiguan (5N), Sharan (7N) Initialising the tilt/slide sunroof (Golf 5 (1K, 5M), Jetta (1K), Golf 6 (5K/52/AJ), Passat (36), Passat CC (35), CC (35), Tiguan (5N), Sharan (7N))



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Bleeding the cooling system (Golf 7 (BQ, BV))
Initialising the transmission ECU (T6 (SG, SF), T5 (7H, 7J))
Parking brake retraction (Golf 7 (BQ, BV))
Parking brake extending (Golf 7 (BQ, BV))
Initialising the brake-pressure sensor (Golf 7 (BQ, BV))
Initialising the ESC sensors (Golf 7 (BQ, BV))
Standardizing the A/C flap actuators (Golf 7 (BQ, BV))
Performing the initial run-in of the air conditioning compressor (Golf 7 (BQ, BV))
Activating the retrofitted fuel burning heater (Golf 7 (BQ, BV))
Unlocking the parking heater/auxiliary heater (Golf 7 (BQ, BV))
Regenerating the parking heater/auxiliary heater (Golf 7 (BQ, BV))
Adapting the fuel burning heater remote control (Golf 7 (BQ, BV))
Initialising the adaptive cruise control (Golf 7 (BQ, BV))
Initialising the seat belt tensioner ECU (Golf 7 (BQ, BV))
Initialising the steering angle sensor (Golf 7 (BQ, BV))
Aiming headlamp with/without dynamic light control (DLA) (Golf 7 (BQ, BV))
Calibrating the front camera (Golf 7 (BQ, BV))

| Coding

Trailer recognition coding (Golf 7 (5G, BA, AM, BE1, BQ, BV), Polo (6C), Touran (5T), Tiguan (AD), Passat (3G), Touareg (7P))
Replacing the headlight/power module (Golf 7 (5G, BA, AM, BE1, BQ, BV))
Coding injectors (Crafter (SY, SZ), Golf 7 (BQ, BV))
Coding the language version of the instrument cluster (Crafter (SY, SZ), Golf 7 (BQ, BV))
Adjusting the parking assist volume (Crafter (SY, SZ), Golf 7 (BQ, BV))
De/activating the transport mode (Crafter (SY, SZ), Golf 7 (BQ, BV))
Registering the battery (Crafter (SY, SZ), Golf 7 (BQ, BV))
Coding the gateway installation list (Crafter (SY, SZ), Golf 7 (BQ, BV))
General ECU replacement (Crafter (SY, SZ), Golf 7 (BQ, BV))
Deactivating/activating the trailer hitch (Golf 7 (BQ, BV))
Adapting the trailer hitch to advanced driver assistance systems (Golf 7 (BQ, BV))

| Service reset

Service reset (Crafter (SY, SZ), Golf 7 (BQ, BV))



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Volvo

Trouble code	V50, S40 (II), C30, C70 (II), XC90 (II), S90, V90
Basic setting	Resetting learned values of transmission (XC90 (II), S90, V90) Activating the gear indicator in instrument cluster (XC90 (II), S90, V90) Initialising the EGR valve actuator (V70 (III), XC70 (III), XC60, S80 (II), D5) Initialising the oxygen sensor 1 + 2 (V70 (III), XC70 (III), XC60, S80 (II), D5) Resetting learned values of the turbocharger (V70 (III), XC70 (III), XC60, S80 (II), D5) Resetting learned values of the swirl flap actuator (V70 (III), XC70 (III), XC60, S80 (II), D5) Initialising the fuel quantity adjuster (V70 (III), XC70 (III), XC60, S80 (II), D5) Initialising the differential pressure sensor (V70 (III), XC70 (III), XC60, S80 (II), D5) Replacing the particulate filter (V70 (III), XC70 (III), XC60, S80 (II), D5) Reset learned values of glow plugs (V70 (III), XC70 (III), XC60, S80 (II), D5) Resetting neutral position sensor learned values (manual transmission) (V90, S90, XC90 (II)) Resetting learned values of differential electronic module (on four-wheel drive vehicles) (V90, S90, XC90 (II))
Service reset	XC90 (II), S90, V90