HGS Software-News

Diagnostic devices

Additions And Modifications In Software Version 67

Things to know – an overview

New

| **mega macs 56**

- Connection setup to PC via Bluetooth only upon request

| **mega macs X, mega macs 77**

- Integration of high-voltage battery diagnostics Basic (depending on license)

Revisions

| **mega macs X / mega macs 77**

- The functionality of the VCI can be tested in the settings menu now.
- CSM Kia: Additionally to the CSAC procedure, the ASK (Advanced Seed & Key) procedure is implemented now.
- The global check presentation form the Car History has been adapted.
- Now it is possible to print out the global check results from the Car History.
- The vehicle selection in the Car History has been optimized.
- The synchronization of the Car History can be started manually in the settings menu, after the Car History has been transferred to the device. A necessary synchronization is indicated in the menu. The synchronization can be started directly in that menu.

| **mega macs 56**

- The measurements function has been restored.
- Missing e-mobility data on some vehicles is indicated correctly again.

| **mega macs 66, mega macs 56, mega macs PC, mega macs 42 SE**

- The camera calibration has been restored for the following Opel vehicles: Zafira C, Astra J, Insignia A, Insignia B.
- The trouble code texts of Opel vehicles have been restored.

| **mega macs 66, meag macs 56, mega macs PC**

- The vehicle images in the service data menu are correctly displayed again.
- The oil quantities are correctly indicated again.

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Modifications

| mega macs X, mega macs 77

- The function OBD diagnostics is displayed at the top of the drop-down list now.
- Messages on the top can be closed manually again.
- Various display faults have been removed.
- Various functions have been optimized (e.g. printout of component lists, connection help in the OBD diagnostics, CSM error messages, printout of trouble codes, plug selection info for motorcycles).
- Now the Car History for parameters will be saved also when parameter menu is left.
- Hazard warning notes for vehicles shall be entirely read before they can be confirmed.

| mega macs 42 SE

- The download speed of updates has been optimized.

| mega macs 66, mega macs 56, mega macs PC

- The format of the expressions of the Global check has been adapted.
- The VIN is included in the help call ticket now.

| mega macs 66, mega macs 56, mega macs PC, mega macs 42 SE

- Volvo: Texts of the Car History entries have been improved for some car models.

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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

Alfa Romeo

| **Trouble codes** | (Giulia (952), 952), (Stelvio (949), 949) |

| **Parameters** | (Giulia (952), 952), (Stelvio (949), 949) |

| **Actuators** | (Giulia (952), 952), (Stelvio (949), 949) |

| **Basic settings** | Adapting the camshaft ((Giulia (952), 952)) |

Activating the fuel pump ((Giulia (952), 952))

Resetting engine adaptation values ((Giulia (952), 952))

Learning the lambda sensor ((Giulia (952), 952))

Bleeding the fuel system ((Giulia (952), 952))

Initializing the fuel high-pressure sensor ((Giulia (952), 952))

Initializing the high-pressure EGR valve ((Giulia (952), 952))

Initializing the oil level sensor ((Giulia (952), 952))

Initializing the mass airflow sensor ((Giulia (952), 952))

Learning the turbocharger ((Giulia (952), 952))

Replacing the lean NOx catalyst ((Giulia (952), 952))

Learning the throttle valve ((Giulia (952), 952))

Learning the steering-angle sensor ((Giulia (952), 952), (Stelvio (949), 949))

Regenerating the soot particulate filter ((Giulia (952), 952))

Replacing the rear brake linings ((Giulia (952), 952), (Stelvio (949), 949))

Initializing the yaw rate sensor ((Giulia (952), 952), (Stelvio (949), 949))

Initializing the adaptive cruise control ((Giulia (952), 952), (Stelvio (949), 949))

Initializing the A/C flap actuators ((Giulia (952), 952))

Initializing the alternator ((Giulia (952), 952))

Calibrating the parking brake ((Giulia (952), 952), (Stelvio (949), 949))

Replacing the rear brake disc ((Giulia (952), 952), (Stelvio (949), 949))

Resetting catalyst adaptation values ((Giulia (952), 952))

Calibrating the camera ECU ((Giulia (952), 952), (Stelvio (949), 949))

Bleeding the ABS hydraulic unit ((Giulia (952), 952), (Stelvio (949), 949))

Replacing the rear brake caliper ((Giulia (952), 952), (Stelvio (949), 949))

Replacing the differential pressure sensor ((Giulia (952), 952))

Resetting headlight leveling adaptation values ((Giulia (952), 952))

| **Codings**

Coding the trailer hitch ((Giulia (952), 952))

Coding injectors ((Giulia (952), 952))

Coding the tire pressure check ((Giulia (952), 952))

| **Service resets**

(Giulia (952), 952), (Stelvio (949), 949)

| **DoIP/CANDoIP/CAN**

| **Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X**

| **Cyber Security Management (CSM)Cyber Security Management (CSM)**

(Giulia (952), 952), (Stelvio (949), 949)

| **Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management**

Audi

| **Trouble codes**

(A8, 4N), (Q7, 4M), (Q8, 4M), (R8, 42)

| **Parameters**

(A4, 8W), (A8, 4N), (Q7, 4M), (Q8, 4M), (R8, 42)

| **Actuators**

(A1, GB), (A3, 8Y), (A4, 8W), (A8, 4N), (Q2, GA), (Q7, 4M), (Q8, 4M)

| **Basic settings**

Initializing electric seats ((A8, 4N), (Q7, 4M), (Q8, 4M), (A7, 4K))

Initializing the adaptive cruise control ((A8, 4N), (Q8, 4M))

Initializing the lateral acceleration sensor ((RS Q3, 8U), (Q3, 8U))

Resetting timing chain adaptation values ((A6, 4A), (A7, 4K), (Q5, FY))

Standardizing the loading space cover ((Q7, 4M), (Q8, 4M))

Checking emergency battery of emergency call system/telematics system ((A8, 4N), (Q7, 4M), (Q8, 4M))

Resetting engine adaptation values ((A7, 4G), (A6, 4G), (Q8, 4M), (A6, 4A), (A7, 4K), (Q5, FY), (Q7, 4M))

Initializing the ESC sensors ((Q3, 8U), (RS Q3, 8U))

Putting the 48 V system back into operation ((A8, 4N), (Q7, 4M), (Q8, 4M))

Reset exhaust-gas aftertreatment filter learning values ((A5, F5), (Q5, FY), (A4, 8W), (S4, 8W), (S5, F5), (S6, 4A), (A6, 4A), (S7, 4K))

Refrigerant circuit ((Q5, FY))

Resetting oxygen sensor adaptation values ((A6, 4G), (A7, 4G))

Regenerating the soot particulate filter ((Q7, 4M))

Changing and checking DCT fluid ((Q3, F3))

Performing transmission adaptations ((A4, 8K), (A5, 8F), (A5, 8T), (S5, 8T), (A8, 4H), (A7, 4G), (S4, 8K), (A6, 4G), (Q5, 8R), (S7, 4G), (S6, 4G), (RS7, 4G), (RS5, 8T), (S5, 8F), (RS6, 4G), (S8, 4H), (RS4, 8K), (RS5, 8F))

Locking/unlocking the ride height leveling ((A8, 4N), (Q7, 4M), (Q8, 4M))

Standardizing the liftgate ((A8, 4N), (Q7, 4M), (Q8, 4M))

Initialize actuator of coolant temperature control ((A6, 4A), (A7, 4K), (Q5, FY))

Adapting the fuel burning heater remote control ((A8, 4N), (Q7, 4M), (Q8, 4M))

Resetting the start inhibitor of DEF injection system ((A5, F5), (Q5, FY), (A4, 8W), (S4, 8W), (S5, F5), (S6, 4A), (A6, 4A), (S7, 4K))

Learning the throttle valve ((A6, 4A), (A7, 4K), (Q5, FY))

Burning off aux. heater/independent car heater ((A8, 4N), (Q7, 4M), (Q8, 4M))

Learning the steering-angle sensor ((A8, 4N), (Q7, 4M), (Q8, 4M))

Performing engine adaptations ((Q8, 4M), (Q7, 4M))

De-energizing the 48 V system ((A8, 4N), (Q7, 4M), (Q8, 4M))

Checking and resetting wear values of AWD clutch fluid ((A3, 8Y), (S3, 8Y), (RS3, 8Y))

Resetting gearbox learning values ((Q7, 4L), (A6, 4F), (S6, 4F), (A4, 8E), (A4, 8H), (A8, 4E), (S4, 8E), (S4, 8H), (S8, 4E), (RS4, 8E), (RS4, 8H), (RS6, 4F))

Resetting the warning message of DEF injection system ((A6, 4G), (A7, 4G), (Q7, 4M), (A4, 8W), (A5, F5))

Initializing the exhaust gas flap ((A5, F5), (Q5, FY), (A4, 8W), (S4, 8W), (S5, F5), (S6, 4A), (A6, 4A), (S7, 4K))

Initializing the adaptive cruise control ((Q7, 4M))

Adapting the exhaust gas pressure sensor ((A6, 4G), (A7, 4G), (A5, F5), (Q5, FY), (A4, 8W), (S4, 8W), (S5, F5), (S6, 4A), (A6, 4A), (S7, 4K))

Initializing the high-pressure fuel pump ((A5, F5), (Q5, FY), (A4, 8W), (S4, 8W), (S5, F5), (S6, 4A), (A6, 4A), (S7, 4K))

Initializing the tilt/slide sunroof ((A8, 4N), (Q7, 4M), (Q8, 4M))

Resetting the refrigerant loss counter ((A8, 4N), (Q7, 4M), (Q8, 4M))

Retracting parking brake ((A8, 4N), (Q7, 4M), (Q8, 4M))

Reducing fuel high pressure ((A6, 4A), (A7, 4K), (Q5, FY))

Initializing the A/C flap actuators ((Q7, 4M), (Q8, 4M))

Learning the turbocharger ((A5, F5), (Q5, FY), (A4, 8W), (S4, 8W), (S5, F5), (S6, 4A), (A6, 4A), (S7, 4K))

Resetting the diesel exhaust fluid level ((Q8, 4M), (Q7, 4M))

Adapting the electronic climate control ((A8, 4N))

Adapting the cabin fragrance system ((A8, 4N), (Q7, 4M), (Q8, 4M))

Configuring the lane change assist ((A6, 4A), (A8, 4N), (Q7, 4M), (Q8, 4M))

Resetting learned values of DEF injection system ((A7, 4G), (A6, 4G), (Q7, 4M), (A4, 8W), (A5, F5))

Filling/topping up the rear axle differential ((A8, 4N), (Q7, 4M), (Q8, 4M))

Initializing the neutral position sensor ((A6, 4A), (A7, 4K), (Q5, FY))

Calibrating the front edge radar ((A8, 4N), (Q7, 4M), (Q8, 4M))

Adjusting the headlights ((A8, 4N), (Q7, 4M), (Q8, 4M), (A4, 8W))

Changing the drive type ((A6, 4A), (A7, 4K), (Q5, FY))

Adapting oil pressure for engine run-in ((A6, 4G), (A7, 4G), (Q7, 4M))

Bleeding the cooling system ((A7, 4G), (A6, 4G), (Q7, 4M), (A6, 4A), (A7, 4K), (Q8, 4M), (Q5, FY))

Performing the initial run-in of the air conditioning compressor ((A1, 8X), (S1, 8X), (A3, 8V), (Q8, 4M), (Q3, F3), (A8, 4N), (Q7, 4M), (A3, 8Y))

Initialising the boost pressure regulator ((A6, 4A), (A7, 4K), (Q5, FY))

Activating the roller test stand mode ((RS Q3, 8U), (Q3, 8U))

Calibrating the camera ECU ((A8, 4N), (Q7, 4M), (Q8, 4M), (A7, 4K))

Replacing emergency battery of emergency call system/telematics system ((A8, 4N), (Q7, 4M), (Q8, 4M))

Filling/bleeding the pneumatic suspension system ((A8, 4N), (Q7, 4M), (Q8, 4M))

Extending parking brake ((RS Q3, 8U), (A8, 4N), (Q7, 4M), (Q8, 4M))

Unlocking aux. heater/independent car heater ((A8, 4N), (Q7, 4M), (Q8, 4M))

Unlocking/locking the self-steering rear axle ((A8, 4N), (Q7, 4M), (Q8, 4M))

Calibrating the parking brake ((A4, 8K), (A5, 8F), (A5, 8T), (S5, 8T), (A7, 4G), (S4, 8K), (A6, 4G), (Q5, 8R), (S7, 4G), (S6, 4G), (RS7, 4G), (RS5, 8T), (S5, 8F), (RS6, 4G), (RS4, 8K), (RS5, 8F), (A8, 4N), (Q7, 4M), (Q8, 4M), (A5, F5))

Resetting the impact mode ((A8, 4N), (Q7, 4M), (Q8, 4M))

Initializing the fuel quantity adjuster ((A5, F5), (Q5, FY), (A4, 8W), (S4, 8W), (S5, F5), (S6, 4A), (A6, 4A), (S7, 4K))

| **Codings** | General ECU replacement ((A8, 4N), (Q7, 4M), (Q8, 4M))

Coding injectors ((S6, 4A), (A6, 4A), (S7, 4K), (A8, 4N), (Q7, 4M), (Q8, 4M))

Expert mode ECU coding ((A8, 4N), (Q7, 4M), (Q8, 4M))

Coding the rain/light sensor ((A8, 4N), (Q7, 4M), (Q8, 4M))

Registering the battery ((A8, 4N), (Q7, 4M), (Q8, 4M))

Deactivating/activating the transport mode ((A8, 4N), (Q7, 4M), (Q8, 4M))

Coding the trailer detection ((A8, 4N), (Q7, 4M), (Q8, 4M))

Adapting the trailer hitch to advanced driver assistance systems ((A8, 4N), (Q7, 4M), (Q8, 4M))

De/activating the trailer hitch ((A8, 4N), (Q7, 4M), (Q8, 4M))

Service resets	(A8, 4N), (Q7, 4M), (Q8, 4M)

DoIP/CANDoIP/CAN	
Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X	

Cyber Security Management (CSM)Cyber Security Management (CSM)	(A3, 8Y), (S3, 8Y), (RS3, 8Y)
Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management	

BMW

Trouble codes	(2 Ser., G42), (2 Ser., U06), (3 Ser., G80), (4 Ser., G22), (4 Ser., G23), (4 Ser., G26), (4 Ser., G82), (4 Ser., G83), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (7 Ser., G11), (7 Ser., G12)
Parameters	(2 Ser., G42), (2 Ser., U06), (3 Ser., G80), (4 Ser., G22), (4 Ser., G23), (4 Ser., G26), (4 Ser., G82), (4 Ser., G83), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (7 Ser., G11), (7 Ser., G12)
Actuators	(2 Ser., G42), (2 Ser., U06), (3 Ser., G80), (4 Ser., G22), (4 Ser., G23), (4 Ser., G26), (4 Ser., G82), (4 Ser., G83), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (7 Ser., G11), (7 Ser., G12)
Basic settings	Initializing the SCR system ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (4 Ser., G82), (4 Ser., G22), (7 Ser., G12))
	Resetting fuel system adaptation values ((5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G23), (4 Ser., G22), (4 Ser., G82), (4 Ser., G26), (7 Ser., G12), (7 Ser., G11))
	Activating the fuel pump ((5 Ser., G30), (4 Ser., G23), (4 Ser., G22), (4 Ser., G26), (7 Ser., G12))
	Deactivating the transport mode ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G22), (7 Ser., G12))
	Initializing the exhaust gas flap ((5 Ser., G30))
	Initializing the air suspension ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G23), (4 Ser., G22), (4 Ser., G82), (4 Ser., G26), (7 Ser., G12))
	Initializing the turn signal front ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G82), (4 Ser., G22), (7 Ser., G12))
	Learning the power windows ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (3 Ser., G80), (4 Ser., G82), (4 Ser., G22), (7 Ser., G12))
	Deactivating the service mode ((5 Ser., G30), (6 Ser., G32), (4 Ser., G22))
	Initializing the valve stroke adaptation ((5 Ser., G30), (5 Ser., G31), (4 Ser., G22), (7 Ser., G12), (7 Ser., G11))

Initializing the rain sensor ((5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (3 Ser., G80), (4 Ser., G82), (4 Ser., G22))

Resetting the mixture adjustment ((5 Ser., G30), (4 Ser., G23), (4 Ser., G22), (4 Ser., G26), (7 Ser., G12))

Resetting the pulse-generator ring adaptation ((5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G23), (4 Ser., G22), (4 Ser., G82), (4 Ser., G26), (7 Ser., G12), (7 Ser., G11))

Unlocking the electric auxiliary heater ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (2 Ser., G42), (3 Ser., G80), (4 Ser., G23), (4 Ser., G22), (4 Ser., G82), (4 Ser., G26), (7 Ser., G12))

Adapting the A/C compressor ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (2 Ser., G42), (3 Ser., G80), (4 Ser., G23), (4 Ser., G22), (4 Ser., G82), (4 Ser., G26), (7 Ser., G12))

Draining/filling the refrigerant circuit ((7 Ser., G11), (3 Ser., G80), (4 Ser., G23), (4 Ser., G22), (4 Ser., G26), (7 Ser., G12))

Calibrating the front camera ((4 Ser., G82), (2 Ser., U06), (2 Ser., G42), (4 Ser., G23), (4 Ser., G83), (4 Ser., G22), (4 Ser., G26))

Changing automatic transmission fluid ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G82), (4 Ser., G22), (7 Ser., G12))

Initializing the air distribution flaps ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G82), (4 Ser., G22), (7 Ser., G12))

Calibrating the night vision assist ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G22), (7 Ser., G12))

Replacing the lean NOx catalyst ((3 Ser., G20), (3 Ser., G21))

De/activating the parking brake service mode ((7 Ser., G11), (4 Ser., G82), (2 Ser., U06), (2 Ser., G42), (3 Ser., G80), (4 Ser., G23), (4 Ser., G83), (4 Ser., G22), (4 Ser., G26), (7 Ser., G12))

Resetting learned values of throttle valve actuator ((5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G23), (4 Ser., G22), (4 Ser., G82), (7 Ser., G12), (7 Ser., G11))

Initializing the variable valve lift ((5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G23), (4 Ser., G22), (4 Ser., G82), (4 Ser., G26), (7 Ser., G12), (7 Ser., G11))

Initializing the tilt/slide sunroof ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G82), (4 Ser., G22), (7 Ser., G12))

Filling/bleeding the SCR passive system ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G82), (4 Ser., G22), (7 Ser., G12))

Initializing the electronic stability control sensors ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G82), (4 Ser., G22), (7 Ser., G12))

Resetting transfer case adaptation values ((5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (3 Ser., G80), (4 Ser., G82), (4 Ser., G22))

Resetting learned values of the DEF injection system ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G82), (4 Ser., G22), (7 Ser., G12))

Resetting gearbox learning values ((2 Ser., G42), (3 Ser., G80), (4 Ser., G23), (4 Ser., G22), (4 Ser., G26))

Performing the internal tank pressure sensor synchronization ((5 Ser., G30), (4 Ser., G22))

Deactivating the transport mode of ride height leveling/damper control ((4 Ser., G23), (4 Ser., G22), (4 Ser., G26))

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Activating the assembly position of the exhaust gas flap actuator ((4 Ser., F33), (4 Ser., F32), (7 Ser., G12), (7 Ser., G11), (5 Ser., G31), (X3, G01), (X4, G02), (5 Ser., G30), (2 Ser., G42), (4 Ser., G23), (4 Ser., G22), (4 Ser., G26))

Activating the axle alignment mode for self-steering rear axle ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (4 Ser., G22), (7 Ser., G12))

Moving the air distribution flaps to service position ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (2 Ser., G42), (3 Ser., G80), (4 Ser., G23), (4 Ser., G22), (4 Ser., G82), (4 Ser., G26), (7 Ser., G12))

Setting vehicle into sleep mode ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G82), (4 Ser., G22), (7 Ser., G12))

Resetting the valve stroke adaptation initialization values ((5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G23), (4 Ser., G22), (4 Ser., G82), (7 Ser., G12), (7 Ser., G11))

Initializing the rain/light sensor ((4 Ser., G82), (2 Ser., G42), (4 Ser., G23), (4 Ser., G83), (4 Ser., G22), (4 Ser., G26))

Adjusting the boost control rod ((5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G23), (4 Ser., G22), (4 Ser., G82), (7 Ser., G12), (7 Ser., G11))

Initialize minimum quantity deviation of the injectors ((5 Ser., G30), (5 Ser., G31), (7 Ser., G12), (7 Ser., G11))

Initializing the SCR system ((6 Ser., G32))

Taking the steering into operation ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (4 Ser., G82), (2 Ser., G42), (4 Ser., G23), (4 Ser., G83), (4 Ser., G22), (4 Ser., G26), (7 Ser., G12))

Resetting the ECU ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (3 Ser., G80), (4 Ser., G82), (4 Ser., G22), (7 Ser., G12))

Calibrating the radar sensor ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (2 Ser., U06), (2 Ser., G42), (3 Ser., G80), (4 Ser., G23), (4 Ser., G83), (4 Ser., G22), (4 Ser., G82), (4 Ser., G26), (7 Ser., G12))

Bleeding the brake system ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (2 Ser., G42), (4 Ser., G23), (4 Ser., G22), (4 Ser., G82), (4 Ser., G26), (7 Ser., G12))

Initializing the sunroof anti-pinch protection ((2 Ser., G42), (4 Ser., G23), (4 Ser., G22), (4 Ser., G26))

Standardizing the liftgate ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (3 Ser., G80), (4 Ser., G23), (4 Ser., G22), (4 Ser., G82), (4 Ser., G26), (7 Ser., G12))

Configuring the lane change assist ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (2 Ser., G42), (3 Ser., G80), (4 Ser., G83), (4 Ser., G82), (4 Ser., G22), (4 Ser., G26), (7 Ser., G12))

Calibrating the front camera ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (3 Ser., G80), (4 Ser., G82), (4 Ser., G22), (7 Ser., G12))

Calibrating the rearview camera/all-round vision camera ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (2 Ser., G42), (4 Ser., G83), (4 Ser., G22), (4 Ser., G82), (4 Ser., G26), (7 Ser., G12))

Unlocking aux. heater/independent car heater ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (2 Ser., G42), (3 Ser., G80), (4 Ser., G23), (4 Ser., G22), (4 Ser., G82), (4 Ser., G26), (7 Ser., G12))

Resetting reference values ((6 Ser., G32), (4 Ser., G82))

De/activating the parking brake service mode ((5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G82), (4 Ser., G22))

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Resetting learned values of the transmission ECU ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G82), (4 Ser., G22), (7 Ser., G12))

Resetting the mixture adjustment ((5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G82), (7 Ser., G12), (7 Ser., G11))

Adapting the variable camshaft timing ((5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G23), (4 Ser., G22), (4 Ser., G82), (4 Ser., G26), (7 Ser., G12), (7 Ser., G11))

Interchanged brake pipe check ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G82), (4 Ser., G22), (7 Ser., G12))

Replacing the particle filter ((7 Ser., G12), (7 Ser., G11), (5 Ser., G31), (5 Ser., G30), (X3, G01), (X4, G02), (4 Ser., G22), (4 Ser., G23), (2 Ser., G42), (4 Ser., G26))

De-energizing the 48 V system ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G23), (4 Ser., G22), (4 Ser., G82), (4 Ser., G26), (7 Ser., G12))

Filling/bleeding the pneumatic suspension system ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G23), (4 Ser., G22), (4 Ser., G82), (4 Ser., G26), (7 Ser., G12))

Readdressing air distribution flaps ((5 Ser., G30), (5 Ser., G31))

Resetting transfer case adaptation values ((7 Ser., G11), (4 Ser., G23), (4 Ser., G22), (4 Ser., G26), (7 Ser., G12))

Resetting starter learning values ((5 Ser., G30), (5 Ser., G31), (7 Ser., G12), (7 Ser., G11))

Resetting differential pressure sensor learning values ((X3, G01), (X4, G02), (4 Ser., G22), (5 Ser., G30), (5 Ser., G31), (4 Ser., G23), (2 Ser., G42), (4 Ser., G26), (7 Ser., G12), (7 Ser., G11))

| **Codings**

Deactivating the transport mode ((6 Ser., G32), (4 Ser., G82))

Registering the battery ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (3 Ser., G80), (4 Ser., G23), (4 Ser., G22), (4 Ser., G82), (4 Ser., G26), (7 Ser., G12))

Coding the idle rpm ((5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (4 Ser., G82), (4 Ser., G22), (7 Ser., G12), (7 Ser., G11))

Deactivating/activating the transport mode ((7 Ser., G11), (5 Ser., G30), (5 Ser., G31), (4 Ser., G22), (7 Ser., G12))

| **Service resets**

(2 Ser., G42), (3 Ser., G80), (4 Ser., G22), (4 Ser., G23), (4 Ser., G26), (4 Ser., G83), (5 Ser., G30), (5 Ser., G31), (6 Ser., G32), (7 Ser., G11), (7 Ser., G12)

| **DoIP/CANDoIP/CAN**

| **Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X**

| **Cyber Security Management (CSM)Cyber Security Management (CSM)**

| **Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management**

Citroen

| **Trouble codes** | (Berlingo-III, 7), (Berlingo-IV, E), (C1, P*****), (C3, S), (C3, SC), (C3, SX), (C3, SX, SY), (C3 Aircross, None), (C4 Aircross, B), (C4 Cactus-I, 0), (C4 Cactus-II, 0), (C4 Picasso, 3), (C4 SpaceTourer, 3), (C5, N), (C5, R), (DS4, N), (DS5,), (Jumper-IV, V), (Jumper-IV, Y (EU6)), (Jumpy-IV, V), (Saxo, S), (SpaceTourer, V)

| **Parameters** | (Berlingo-III, 7), (Berlingo-IV, E), (C1, P*****), (C3, S), (C3, SC), (C3, SX), (C3, SX, SY), (C3 Aircross, None), (C4 Aircross, B), (C4 Cactus-I, 0), (C4 Cactus-II, 0), (C4 Picasso, 3), (C4 SpaceTourer, 3), (C5, N), (C5, R), (DS4, N), (DS5,), (Jumper-IV, V), (Jumper-IV, Y (EU6)), (Jumpy-IV, V), (SpaceTourer, V)

| **Actuators** | (Berlingo-III, 7), (Berlingo-IV, E), (C1, P*****), (C3, S), (C3, SC), (C3, SX), (C3, SX, SY), (C3 Aircross, None), (C4 Aircross, B), (C4 Cactus-I, 0), (C4 Cactus-II, 0), (C4 Picasso, 3), (C4 SpaceTourer, 3), (C5, N), (C5, R), (DS4, N), (DS5,), (Jumper-IV, V), (Jumper-IV, Y (EU6)), (Jumpy-IV, V), (SpaceTourer, V)

| **Basic settings** | Adapting the emergency brake assistant ((Berlingo-III, 7))

Initializing the transmission selector actuator ((C4 Picasso, 3), (C4 SpaceTourer, 3), (SpaceTourer, V), (C5, N), (Jumpy-IV, V))

Adapting the rotation rate sensor ((Berlingo-III, 7), (C5, R), (C4 Cactus-II, 0), (C4 Cactus-I, 0), (DS4, N), (DS5,))

Replacing the exhaust manifold ((C5, N))

Bleeding the regeneration additive pump/line ((C5, R), (C4 Picasso, 3))

Learning the flywheel ((C5, N))

Adapting the clutch biting point ((C4 Picasso, 3), (C4 Cactus-II, 0), (C4 Cactus-I, 0), (DS4, N), (DS5,))

Regenerating the DeNOx catalyst ((Berlingo-III, 7), (C3 Aircross, None))

Adapting the accelerator sensor ((C5, N))

Locking the airbag ECU ((Berlingo-III, 7), (C5, R), (C4 Picasso, 3), (C3 Aircross, None), (C3, SC), (Berlingo-IV, E), (C3, SX), (C3, S), (C4 Cactus-II, 0), (C4 Cactus-I, 0), (C4 SpaceTourer, 3), (DS4, N), (DS5,), (SpaceTourer, V), (C5, N), (Jumpy-IV, V), (C3, SX, SY))

Resetting the diesel exhaust fluid level ((C5, R), (Jumper-IV, Y (EU6)), (Jumper-IV, V), (SpaceTourer, V), (Jumpy-IV, V))

Initializing the alternator ((C5, N))

Bleeding the suspension system ((C5, R))

Replacing the regeneration additive pump ((C3, SC))

Adapting the clutch biting point ((C5, N))

Resetting the fluid level of the regeneration additive system ((C5, R), (C4 Picasso, 3), (C3, SC))

Initializing the yaw rate sensor ((C1, P*****))

Initializing the GPS module ((C5, R), (DS4, N))

Adapting the longitudinal acceleration sensor ((Berlingo-III, 7), (C4 Picasso, 3), (Berlingo-IV, E), (C3, SX), (C4 SpaceTourer, 3), (SpaceTourer, V), (C5, N), (Jumpy-IV, V))

Calibrating the front camera ((C3 Aircross, None), (Berlingo-IV, E), (C3, SX), (C4 SpaceTourer, 3), (Jumper-IV, V), (C1, P*****), (SpaceTourer, V), (C5, N), (Jumpy-IV, V))

Uninstalling/installing the rear brake linings ((C5, R), (DS4, N), (DS5,))

Replace cylinder head ((C5, N))

Replacing the particle filter ((Berlingo-III, 7), (C3 Aircross, None))

Suspension pressure decrease ((C5, R))

Learning the turbocharger ((Berlingo-III, 7), (C5, R), (C3 Aircross, None), (SpaceTourer, V), (Jumpy-IV, V))

Calibrating the steering-angle sensor ((C4 Picasso, 3), (C3 Aircross, None), (C3, SX), (C4 Aircross, B), (C4 SpaceTourer, 3), (DS4, N), (DS5,), (SpaceTourer, V), (C5, N), (Jumpy-IV, V))

Learning the steering-angle sensor ((C1, P*****))

Calibrating the camera ECU ((C4 Picasso, 3), (DS5,))

Learning the steering-angle sensor ((Jumper-IV, V))

Adapting the longitudinal acceleration sensor ((C3 Aircross, None), (DS4, N), (DS5,))

Calibrating the rearview camera/all-round vision camera ((C4 Picasso, 3), (C4 SpaceTourer, 3), (C5, N))

Regenerating the soot particulate filter ((Berlingo-III, 7), (C5, R), (C3 Aircross, None))

Reactivating the emergency brake assistant ((C3 Aircross, None), (Berlingo-IV, E), (SpaceTourer, V), (C5, N), (Jumpy-IV, V))

Cleaning EGR valve ((Berlingo-III, 7), (C3 Aircross, None))

De-calibrating the longitudinal/lateral acceleration sensor ((Jumper-IV, V))

Replace brake parts ((C4 Picasso, 3), (C3 Aircross, None), (Berlingo-IV, E), (C3, SX), (C4 SpaceTourer, 3), (DS4, N), (DS5,), (SpaceTourer, V), (C5, N), (Jumpy-IV, V))

Unlocking the airbag ECU ((Berlingo-III, 7), (C5, R), (C4 Picasso, 3), (C3 Aircross, None), (C3, SC), (Berlingo-IV, E), (C3, SX), (C3, S), (C4 Cactus-II, 0), (C4 Cactus-I, 0), (C4 SpaceTourer, 3), (DS4, N), (DS5,), (SpaceTourer, V), (C5, N), (Jumpy-IV, V), (C3, SX, SY))

Initializing the power window anti-pinch protection ((C5, R), (C3, SC), (C3, S), (DS4, N), (C3, SX, SY))

Regenerating the soot particulate filter ((Jumper-IV, Y (EU6)), (Jumper-IV, V))

Initialising the boost pressure regulator ((C5, N))

Activating the wiper service position ((C5, N))

Replacing engine parts ((Berlingo-III, 7), (C5, R), (C4 Picasso, 3), (C3 Aircross, None), (Jumper-IV, Y (EU6)), (C3, SC), (C3, SX), (C4 Aircross, B), (Jumper-IV, V), (SpaceTourer, V), (Jumpy-IV, V))

Filling the regeneration additive container ((Berlingo-III, 7), (C5, R), (C3 Aircross, None), (SpaceTourer, V), (Jumpy-IV, V))

Initializing the air metering system ((C5, R), (Jumper-IV, Y (EU6)), (Jumper-IV, V), (SpaceTourer, V), (Jumpy-IV, V))

Initializing the rain/light sensor ((C4 Picasso, 3), (C3 Aircross, None), (Berlingo-IV, E), (C3, SX), (C4 Aircross, B), (C4 Cactus-II, 0), (C4 Cactus-I, 0), (C4 SpaceTourer, 3), (DS4, N), (DS5,), (SpaceTourer, V), (C5, N), (Jumpy-IV, V))

Initialising adaptive functions ((C3 Aircross, None), (C3, SC), (C3, SX), (C3, S), (C4 Cactus-II, 0), (C4 Cactus-I, 0), (DS5,), (C1, P*****), (C5, N), (C3, SX, SY))

Removing/installing the gear selector lever ((C4 Picasso, 3), (C4 SpaceTourer, 3), (SpaceTourer, V), (C5, N), (Jumpy-IV, V))

Special bleeding ((C4 Picasso, 3), (C3 Aircross, None), (C3, SX), (C4 Cactus-II, 0), (C4 Cactus-I, 0), (C4 SpaceTourer, 3), (C1, P*****), (SpaceTourer, V), (Jumpy-IV, V))

Adjusting the headlights ((C5, R), (C4 Picasso, 3), (C4 SpaceTourer, 3))

Initializing the A/C flap actuators ((C4 Picasso, 3), (C3 Aircross, None), (Berlingo-IV, E), (C3, SX), (C4 Cactus-II, 0), (C4 Cactus-I, 0), (C4 SpaceTourer, 3), (DS4, N), (DS5,), (SpaceTourer, V), (C5, N), (Jumpy-IV, V))

Calibrating the radar sensor ((C4 Picasso, 3), (C4 SpaceTourer, 3), (SpaceTourer, V), (C5, N), (Jumpy-IV, V))

Initializing the transmission ECU ((C4 Picasso, 3), (C4 SpaceTourer, 3), (SpaceTourer, V), (C5, N), (Jumpy-IV, V))

Replacing the regeneration additive container ((C4 Picasso, 3))

Replacing brake parts of rear axle ((Berlingo-III, 7))

Replacement of parking brake cable pulls ((C5, R), (DS4, N), (DS5,))

Calibrating the steering-angle sensor ((Berlingo-III, 7), (C5, R), (C3, SC), (Berlingo-IV, E), (C3, S), (C4 Cactus-II, 0), (C4 Cactus-I, 0), (C3, SX, SY))

Initializing the fuel level ((Berlingo-III, 7), (C5, R), (C4 Picasso, 3), (C3, SC), (Berlingo-IV, E), (C3, S), (C4 Cactus-II, 0), (C4 Cactus-I, 0), (C4 SpaceTourer, 3), (DS4, N), (DS5,), (SpaceTourer, V), (Jumpy-IV, V), (C3, SX, SY))

Learning the injection valve ((C4 Picasso, 3), (C3, SC))

Initializing the DeNOx system ((C5, R), (Jumper-IV, Y (EU6)), (Jumper-IV, V), (SpaceTourer, V), (Jumpy-IV, V))

Replace the battery. ((C5, N))

Initializing the longitudinal/lateral acceleration sensor ((Jumper-IV, V))

Bleeding the ABS/ESC system ((Berlingo-III, 7), (C5, R), (C3, SC), (Berlingo-IV, E), (C3, S), (DS4, N), (DS5,), (C5, N), (C3, SX, SY))

Leaving the ECO mode ((C4 Picasso, 3), (C3 Aircross, None), (Berlingo-IV, E), (C3, SX), (C4 Cactus-II, 0), (C4 Cactus-I, 0), (C4 SpaceTourer, 3), (DS4, N), (DS5,), (SpaceTourer, V), (C5, N), (Jumpy-IV, V))

Calibrating the cornering light ((C5, R), (DS4, N), (C5, N))

Initializing the start/stop system ((C4 Picasso, 3), (C3, SC))

Emptying/filling the diesel exhaust fluid tank ((Berlingo-III, 7), (C5, R), (Jumper-IV, Y (EU6)), (Jumper-IV, V), (C3 Aircross, None), (SpaceTourer, V), (Jumpy-IV, V))

Initializing the wipers ((C5, R))

Initializing the EGR valve ((C5, R), (Jumper-IV, Y (EU6)), (Jumper-IV, V), (SpaceTourer, V), (Jumpy-IV, V))

Activating the start/stop function ((Berlingo-III, 7), (C5, R), (C4 Picasso, 3), (C3, SC), (C3 Aircross, None), (SpaceTourer, V), (Jumpy-IV, V))

Regenerating the soot particulate filter during driving ((C5, R))

Readdressing air distribution flaps ((C1, P*****))

Initializing the lane departure warning sensors ((C5, R), (DS4, N))

Regenerating the soot particulate filter at standstill ((C5, R), (C4 Picasso, 3), (C3, SC))

Learning the turbocharger ((C5, N))

Resetting headlight leveling adaptation values ((C4 Aircross, B))

Resetting starter learning values ((C5, N))

Initializing the transmission ECU ((C1, P*****))

| **Codings** | Coding the trailer hitch ((C4 Picasso, 3), (C3 Aircross, None), (Berlingo-IV, E), (C3, SX), (C4 Cactus-II, 0), (C4 Cactus-I, 0), (C4 SpaceTourer, 3), (DS4, N), (DS5,), (SpaceTourer, V), (C5, N), (Jumpy-IV, V))

Coding the keys ((Berlingo-III, 7), (C5, R), (C4 Picasso, 3), (C3 Aircross, None), (C3, SC), (Berlingo-IV, E), (C3, SX), (C3, S), (C4 Cactus-II, 0), (C4 Cactus-I, 0), (C4 SpaceTourer, 3), (Jumper-IV, V), (DS4, N), (DS5,), (SpaceTourer, V), (C5, N), (Jumpy-IV, V), (C3, SX, SY))

Coding the regeneration additive quantity ((Berlingo-III, 7), (C3, SC), (C3 Aircross, None), (SpaceTourer, V), (Jumpy-IV, V))

Coding the trailer hitch ((Jumper-IV, V))

Registering the battery ((Berlingo-III, 7), (C5, R), (C4 Picasso, 3), (C3 Aircross, None), (C3, SC), (Berlingo-IV, E), (C3, SX), (C3, S), (C4 Cactus-II, 0), (C4 Cactus-I, 0), (C4 SpaceTourer, 3), (DS4, N), (DS5,), (SpaceTourer, V), (C5, N), (Jumpy-IV, V), (C3, SX, SY))

Coding the remote control ((Berlingo-III, 7), (C5, R), (C3, SC), (C3, SX), (C3, S), (C3, SX, SY))

Locking the airbag ECU ((C5, N))

Coding the characteristic line ((C5, R))

Coding transmission readings ((C4 Picasso, 3), (C4 Cactus-II, 0), (C4 Cactus-I, 0), (DS4, N), (DS5,))

Coding the demanded tyre pressue ((Jumper-IV, Y (EU6)), (Jumper-IV, V))

Coding the ABS ECU ((C3, SC), (C3, S), (C3, SX, SY))

Coding the wheel valves ((Berlingo-III, 7), (C5, R), (C4 Picasso, 3), (C4 SpaceTourer, 3), (DS4, N), (DS5,))

Coding the intrusion monitoring ((C4 Picasso, 3), (C4 SpaceTourer, 3), (SpaceTourer, V), (Jumpy-IV, V))

Unlocking the airbag ECU ((C5, N))

Retrofit USB module/CD changer ((Berlingo-III, 7), (C5, R), (C3, SC), (C3, S), (DS4, N), (DS5,), (C3, SX, SY))

Coding referential heights ((C5, R))

Coding the VIN ((Berlingo-III, 7), (C5, R), (C3, SC), (C3, S), (DS5,), (C3, SX, SY))

Synchronisation of the remote control ((C4 Picasso, 3), (C3 Aircross, None), (Berlingo-IV, E), (C4 Cactus-II, 0), (C4 Cactus-I, 0), (C4 SpaceTourer, 3), (DS4, N), (DS5,), (SpaceTourer, V), (C5, N), (Jumpy-IV, V))

Coding injectors ((Berlingo-III, 7), (C5, R), (C4 Picasso, 3), (Jumper-IV, Y (EU6)), (C4 Aircross, B), (C4 SpaceTourer, 3), (Jumper-IV, V), (C3 Aircross, None), (SpaceTourer, V), (Jumpy-IV, V))

Coding the body control module ((Berlingo-III, 7), (C5, R), (C3, SC), (C3, S), (C3, SX, SY))

Coding the alarm sound ((C4 Picasso, 3), (C3 Aircross, None), (Berlingo-IV, E), (C4 SpaceTourer, 3), (SpaceTourer, V), (Jumpy-IV, V)) |

| **Service resets** | (Berlingo-III, 7), (Berlingo-IV, E), (C3, S), (C3, SC), (C3, SX), (C3, SX, SY), (C3 Aircross, None), (C4 Aircross, B), (C4 Cactus-I, 0), (C4 Cactus-II, 0), (C4 Picasso, 3), (C4 SpaceTourer, 3), (C5, N), (C5, R), (DS4, N), (DS5,), (Jumper-IV, V), (Jumper-IV, Y (EU6)), (Jumpy-IV, V), (SpaceTourer, V) |

| DoIP/CANDoIP/CAN

| Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X

| Cyber Security Management (CSM)Cyber Security Management (CSM)

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Cupra

| Trouble codes

| Parameters   (Formentor, KM)

| Actuators   (Formentor, KM)

| Basic settings   Checking and resetting wear values of AWD clutch fluid ((Formentor, KM))

Performing the initial run-in of the air conditioning compressor ((Formentor, KM), (Leon, KL))

| Codings

| Service resets

| DoIP/CANDoIP/CAN

| Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X

| Cyber Security Management (CSM)Cyber Security Management (CSM)   (Formentor, KM), (Leon, KL)

| Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management

Dacia

| **Trouble codes** | (Dokker, FEJW,FEAH), (Duster-III, HMMT), (Logan-II, SD), (Sandero-I, SD), (Sandero-II, SD), (Sandero-III, DJ)

| **Parameters** | (Dokker, FEJW,FEAH), (Duster-III, HMMT), (Logan-II, SD), (Sandero-I, SD), (Sandero-II, SD), (Sandero-III, DJ)

| **Actuators** | (Dokker, FEJW,FEAH), (Duster-III, HMMT), (Logan-II, SD), (Sandero-I, SD), (Sandero-II, SD), (Sandero-III, DJ)

| **Basic settings** | Adapting the injection pump ((Dokker, FEJW,FEAH), (Dokker, KEAJ,KEAH,KEJW))

Adapting the camshaft ((Sandero-III, DJ))

Resetting catalyst adaptation values ((Logan-II, SD))

Resetting oxygen sensor adaptation values ((Sandero-III, DJ))

Learning the flywheel ((Logan-II, SD))

Resetting the mixture adjustment ((Sandero-III, DJ))

Initializing the exhaust gas flap ((Logan-II, SD))

Learning the lambda sensor ((Logan-II, SD))

Initializing the electrohydraulic power steering pump ((Sandero-I, SD))

Initializing the fuel pressure sensor or the fuel rail ((Dokker, FEJW,FEAH), (Dokker, KEAJ,KEAH,KEJW), (Logan-II, SD))

Initializing the differential pressure sensor ((Dokker, FEJW,FEAH), (Dokker, KEAJ,KEAH,KEJW), (Logan-II, SD))

Initializing the starter ring gear ((Dokker, FEJW,FEAH), (Dokker, KEAJ,KEAH,KEJW), (Logan-II, SD), (Sandero-III, DJ))

Learning throttle valve stop ((Logan-II, SD), (Sandero-II, SD))

Adapting the turbine wheel shut-off valve ((Sandero-III, DJ))

Resetting the mixture adjustment ((Logan-II, SD), (Sandero-II, SD))

Initializing the mass airflow sensor ((Dokker, FEJW,FEAH), (Dokker, KEAJ,KEAH,KEJW), (Logan-II, SD))

Calibrating the steering-angle sensor ((Logan-II, SD), (Sandero-II, SD))

Learning the steering-angle sensor ((Duster-III, HMMT), (Duster-III, HMAD), (Duster-III, SR), (Sandero-III, DJ))

Learning the throttle valve ((Sandero-III, DJ))

Learning the steering-angle sensor ((Dokker, FEJW,FEAH), (Dokker, KEAJ,KEAH,KEJW))

Regenerating the soot particulate filter ((Logan-II, SD), (Sandero-III, DJ))

Resetting learned values of camshaft sensor ((Logan-II, SD), (Sandero-III, DJ))

Reset learned values of injectors. ((Dokker, FEJW,FEAH), (Dokker, KEAJ,KEAH,KEJW))

Calibrate radar dynamically ((Sandero-III, DJ))

Initializing the intake-air flap ((Dokker, FEJW,FEAH), (Dokker, KEAJ,KEAH,KEJW), (Logan-II, SD))

Regenerating the soot particulate filter ((Dokker, FEJW,FEAH), (Dokker, KEAJ,KEAH,KEJW))

Reset learned values of the EGR bypass valve ((Dokker, FEJW,FEAH), (Dokker, KEAJ,KEAH,KEJW))

Resetting EGR valve learning values ((Dokker, FEJW,FEAH), (Dokker, KEAJ,KEAH,KEJW))

Resetting learned values of steering angle sensor ((Logan-II, SD), (Sandero-II, SD), (Sandero-III, DJ))

Resetting high-pressure fuel pump adaptation values ((Logan-II, SD))

De/activating the parking brake service mode ((Sandero-III, DJ))

Initializing the soot particulate filter upon replacement ((Dokker, FEJW,FEAH), (Dokker, KEAJ,KEAH,KEJW), (Logan-II, SD), (Sandero-III, DJ))

Resetting the ignition coil adaptation ((Sandero-III, DJ))

Adapting the variable camshaft timing ((Logan-II, SD))

Initializing the EGR valve ((Logan-II, SD))

Bleeding the ABS hydraulic unit ((Sandero-I, SD), (Duster-III, HMMT), (Duster-III, HMAD), (Logan-II, SD), (Sandero-II, SD), (Duster-III, SR), (Sandero-III, DJ))

Reset low-pressure EGR learned values ((Logan-II, SD))

Resetting starter learning values ((Sandero-III, DJ))

| **Codings** | Coding the language version ((Duster-III, HMMT), (Duster-III, HMAD), (Logan-II, SD), (Sandero-II, SD), (Duster-III, SR), (Sandero-III, DJ))

Locking the airbag ECU ((Dokker, FEJW,FEAH), (Dokker, KEAJ,KEAH,KEJW), (Logan-II, SD), (Sandero-II, SD))

Coding the tire size ((Sandero-I, SD), (Dokker, FEJW,FEAH), (Dokker, KEAJ,KEAH,KEJW), (Logan-II, SD), (Sandero-II, SD))

Airbag ECU locking/unlocking ((Sandero-I, SD), (Duster-III, HMMT), (Duster-III, HMAD), (Duster-III, SR), (Sandero-III, DJ))

Adapting the trailer hitch to advanced driver assistance systems ((Sandero-III, DJ))

Unlocking the airbag ECU ((Dokker, FEJW,FEAH), (Dokker, KEAJ,KEAH,KEJW), (Logan-II, SD), (Sandero-II, SD))

Coding injectors ((Duster-III, HMAD), (Dokker, FEJW,FEAH), (Dokker, KEAJ,KEAH,KEJW), (Logan-II, SD))

Coding the permanent warning buzzer tone ((Sandero-I, SD))

| **Service resets** | (Dokker, FEJW,FEAH), (Logan-II, SD), (Sandero-I, SD), (Sandero-II, SD)

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	Cyber Security Management (CSM)Cyber Security Management (CSM)	(Sandero-III, DJ)
	Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management	

Fiat

	Trouble codes	(500 (312), 312), (500 (332), 332), (500L (330), 330), (500X (334), 334), (Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250), (Linea (323), 323), (Panda (319), 312), (Talento (296), 296)
	Parameters	(500 (312), 312), (500L (330), 330), (500X (334), 334), (Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250), (Linea (323), 323), (Panda (319), 312), (Talento (296), 296)
	Actuators	(500 (312), 312), (500L (330), 330), (500X (334), 334), (Ducato-V (250), 250), (Linea (323), 323), (Panda (319), 312)
	Basic settings	Learning the steering-angle sensor ((500 (312), 312), (Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250))
		Adapting the camshaft ((500 (312), 312))
		Bleeding the electro-hydraulic valve timing system solenoid ((500 (312), 312))
		Initialising the particle filter ((500X (334), 334))
		Initializing lateral/longitudinal/rotation acceleration sensor ((500 (312), 312), (Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250))
		Resetting engine adaptation values ((500 (312), 312), (Ducato-V (250), 250))
		Learning the lambda sensor ((500 (312), 312), (500X (334), 334), (Ducato-V (250), 250), (Linea (323), 323))
		Adapting the zero position of the pulse-generator ring ((500 (312), 312))
		Reset learned values of injectors. ((500 (312), 312))
		Bleeding the fuel system ((500 (312), 312))
		Resetting the indicator light "Water in fuel" ((Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250))
		Initializing the fuel high-pressure sensor ((500 (312), 312), (500X (334), 334), (Ducato-V (250), 250), (Linea (323), 323))
		Initializing the differential pressure sensor ((500X (334), 334), (Ducato-V (250), 250))

Additions And Modifications In Software Version 67 • Functions according to manufacturer • Extended and revised manufacturers

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Performing transmission adaptations ((500L (330), 330), (Panda (319), 312))

Initializing the high-pressure EGR valve ((Talento (296), 296), (500X (334), 334))

Resetting the oil temperature sensor ((500 (312), 312))

Learning the turbocharger ((500 (312), 312))

De/activating the electric parking brake service mode ((500X (334), 334))

Resetting engine adaptation values of auxiliary aggregates/systems ((500 (312), 312), (Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250))

Regenerating the soot particulate filter ((500 (312), 312), (500X (334), 334), (Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250), (Linea (323), 323))

Initializing the brake-pressure sensor ((500X (334), 334))

Learning the steering-angle sensor ((500X (334), 334))

Selespeed adaptation ((500 (312), 312), (Linea (323), 323))

Initializing the adaptive cruise control ((500X (334), 334))

Resetting mass airflow sensor adaptation values ((500 (312), 312), (500X (334), 334), (Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250), (Linea (323), 323))

Special bleeding ((Ducato-V (250), 250))

Resetting differential pressure sensor learning values ((500 (312), 312), (Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250), (Linea (323), 323))

Replacing the electro-hydraulic valve timing system solenoid ((500 (312), 312))

Initializing the alternator ((500 (312), 312))

Learning the turbocharger ((Ducato-V (250), 250))

De-/activation of belt warning ((Ducato-V (250), 250))

Initializing the front oxygen sensor ((Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250))

Adapting the engine speed sensor/engine timing ((500 (312), 312))

Initializing the low pressure EGR valve ((500X (334), 334))

Initializing the clutch pedal position ((500X (334), 334), (Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250))

Deactivate power-output limitation ((500 (312), 312), (Panda (319), 312))

Resetting throttle valve adaptation values ((500 (312), 312))

Resetting catalyst adaptation values ((500 (312), 312), (Linea (323), 323))

Replacing the particle filter ((Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250))

Calibrating the camera ECU ((500X (334), 334), (Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250), (500 (332), 332))

Initializing the rear oxygen sensor ((Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250))

Readdressing air distribution flaps ((500X (334), 334))

Initializing the neutral position sensor ((500 (312), 312), (500X (334), 334), (Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250))

Codings	Coding the trailer hitch ((500X (334), 334), (Ducato-V (250), 250), (Linea (323), 323))
	Coding the keys ((500 (312), 312), (Ducato-V (250), 250))
	Coding the demanded tyre pressue ((Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250))
	Proxy alignment ((500L (330), 330), (500 (312), 312), (500X (334), 334), (Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250))
	Deactivating the transport mode ((500L (330), 330), (500 (312), 312), (500X (334), 334), (Panda (319), 312))
	Coding the belt warning buzzer ((500 (312), 312))
	Coding injectors ((500 (312), 312), (500X (334), 334), (Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250), (Linea (323), 323))
	Coding the instrument cluster ((500L (330), 330), (500 (312), 312), (500X (334), 334), (Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250))
Service resets	(500 (312), 312), (500 (332), 332), (500L (330), 330), (500X (334), 334), (Ducato-V (250), 250), (Ducato-VI (290),), (Ducato-VI (290), 250), (Linea (323), 323), (Panda (319), 312), (Talento (296), 296)
DoIP/CANDoIP/CAN	
Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X	
Cyber Security Management (CSM)Cyber Security Management (CSM)	(500L (330), 330), (500X (334), 334), (500 (332), 332)
Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management	

Ford

Trouble codes	(C-Max 03, DXA), (Focus 01, DAW), (Focus 03, DYB), (Focus 04, DYB), (Focus 05, DYB), (KA+, KAF), (Kuga 02, DM2), (Kuga 03, DFK), (Puma 02, J2K), (Tourneo Connect 03, FAC), (Transit 11, FAC)
Parameters	(C-Max 03, DXA), (Focus 01, DAW), (Focus 03, DYB), (Focus 04, DYB), (Focus 05, DYB), (KA+, KAF), (Kuga 02, DM2), (Kuga 03, DFK), (Puma 02, J2K), (Tourneo Connect 03, FAC), (Transit 11, FAC)
Actuators	(Focus 01, DAW)
Basic settings	Resetting throttle valve adaptation values ((Focus 04, DYB))

Adapting the camshaft ((Focus 04, DYB))

Activating the tire pressure sensors ((C-Max 03, DXA), (Kuga 02, DM2), (Focus 04, DYB), (Focus 05, DYB), (Tourneo Connect 03, FAC), (Focus 03, DYB), (Focus 04, DEH), (Puma 02, J2K), (KA+, KAF), (Kuga 03, DFK), (Tourneo Connect 03, SK), (Transit 11, FAC))

Resetting fuel system adaptation values ((Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Deactivating the transport mode ((Kuga 02, DM2))

Calibrating the steering wheel position sensor ((C-Max 03, DXA), (Kuga 02, DM2), (Focus 04, DYB), (Focus 05, DYB), (Focus 03, DYB), (KA+, KAF))

Initializing the ABS/ESC system ((C-Max 03, DXA), (Focus 04, DYB), (Focus 05, DYB))

Resetting the injection pump learning values ((Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Learning the power windows ((Focus 04, DYB), (Focus 05, DYB), (Focus 01, DAW))

Resetting rail pressure ((Focus 05, DYB))

Initialize tire pressure sensors ((C-Max 03, DXA), (Kuga 02, DM2), (Focus 04, DYB), (Focus 05, DYB), (Tourneo Connect 03, FAC), (Focus 03, DYB), (Focus 04, DEH), (Puma 02, J2K), (KA+, KAF), (Kuga 03, DFK), (Tourneo Connect 03, SK), (Transit 11, FAC))

Resetting the indicator light "Water in fuel" ((Kuga 02, DM2), (Focus 05, DYB), (Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Resetting oxygen sensor adaptation values ((Kuga 02, DM2), (Focus 05, DYB))

Initializing the fuel high-pressure sensor ((Kuga 02, DM2))

Resetting EGR valve learning values ((Kuga 02, DM2), (Focus 05, DYB), (Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Resetting the exhaust temperature values ((Kuga 02, DM2), (Focus 05, DYB), (Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Adapting the longitudinal acceleration sensor ((Kuga 02, DM2), (Focus 05, DYB), (KA+, KAF))

Resetting the particulate filter learning values ((Focus 05, DYB), (Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Resetting mass airflow sensor adaptation values ((Focus 05, DYB))

Teach-in battery sensor module ((C-Max 03, DXA), (Kuga 02, DM2), (Focus 04, DYB), (Focus 05, DYB), (Tourneo Connect 03, FAC), (Focus 03, DYB), (Focus 04, DEH), (Puma 02, J2K), (Kuga 03, DFK), (Tourneo Connect 03, SK), (Transit 11, FAC))

Standardizing the liftgate ((C-Max 03, DXA), (Kuga 02, DM2))

Deactivating the crash mode ((Kuga 02, DM2))

Initializing the mass airflow sensor ((Kuga 02, DM2), (Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Calibrating the steering-angle sensor ((Kuga 02, DM2), (Focus 04, DYB), (Focus 05, DYB), (Focus 03, DYB))

Resetting the start inhibitor of DEF injection system ((Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Learning the steering-angle sensor ((C-Max 03, DXA), (Focus 05, DYB))

Initializing the tilt/slide sunroof ((C-Max 03, DXA), (Kuga 02, DM2), (Focus 04, DYB), (Focus 05, DYB), (Tourneo Connect 03, FAC), (Focus 03, DYB), (Focus 01, DAW), (Tourneo Connect 03, SK), (Transit 11, FAC))

Fill the DEF tank ((Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Regenerating the soot particulate filter ((Kuga 02, DM2), (Focus 05, DYB), (Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Resetting learned values of the DEF injection system ((Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Resetting misfire and knock counter ((C-Max 04, DXA), (Focus 06, HP), (Focus 06, HM), (Focus 06, HN), (Kuga 03, DFK), (Kuga 03, DM2))

Adapting the longitudinal acceleration sensor ((Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Initializing the SCR system ((Kuga 02, DM2), (Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Resetting adaptation values of ABS ECU ((Focus 04, DYB), (Focus 05, DYB), (Focus 03, DYB))

Adjust clearance of parking brake ((Focus 04, DYB), (Focus 05, DYB), (Focus 03, DYB))

Initializing the adaptive cruise control ((Kuga 02, DM2), (Tourneo Connect 03, FAC), (Focus 04, DEH), (Puma 02, J2K), (Kuga 03, DFK), (Tourneo Connect 03, SK), (Transit 11, FAC))

Adjusting the xenon headlight ((Kuga 02, DM2), (Focus 04, DYB), (Focus 05, DYB), (Focus 03, DYB), (Focus 01, DAW))

Teach-in clutch system ((C-Max 03, DXA), (Focus 04, DYB), (Kuga 02, DM2), (Focus 05, DYB))

Resetting radiator fan learning values ((Kuga 02, DM2))

Correcting straight-running stability ((C-Max 03, DXA), (Kuga 02, DM2), (Focus 04, DYB), (Focus 05, DYB), (Focus 03, DYB))

Initializing the brake-pressure sensor ((C-Max 03, DXA), (Focus 04, DYB), (Focus 05, DYB), (Focus 03, DYB))

Calibrating the lane departure warning system camera ((C-Max 03, DXA), (Kuga 02, DM2), (Focus 04, DYB), (Focus 05, DYB), (Tourneo Connect 03, FAC), (Focus 03, DYB), (Focus 04, DEH), (Puma 02, J2K), (Kuga 03, DFK), (Tourneo Connect 03, SK), (Transit 11, FAC))

Resetting mass airflow sensor adaptation values ((Focus 05, DYB))

Initializing the lateral acceleration sensor ((C-Max 03, DXA), (Focus 04, DYB), (Focus 05, DYB), (Focus 03, DYB))

Resetting the fuel low pressure adaptation values ((Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Resetting differential pressure sensor learning values ((Kuga 02, DM2), (Focus 05, DYB), (Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Teach-in gearshift fork system ((C-Max 03, DXA), (Focus 04, DYB), (Kuga 02, DM2), (Focus 05, DYB))

Resetting exhaust-gas temperature sensor adaptation values of soot particulate filter ((Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

De-/activation of belt warning ((Focus 01, DAW))

Standardizing the liftgate ((Focus 04, DYB), (Focus 05, DYB), (Focus 03, DYB))

Initializing the forward collision warning system ((Kuga 02, DM2), (Focus 04, DYB), (Focus 05, DYB), (Focus 03, DYB))

Reset learned values of injectors. ((Kuga 02, DM2), (Focus 05, DYB), (Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Resetting self-adaptation parameters ((C-Max 03, DXA))

Initializing the lateral acceleration sensor ((Kuga 02, DM2), (Focus 04, DYB), (Focus 05, DYB), (KA+, KAF))

Calibrating the parking brake ((Kuga 02, DM2), (Focus 04, DEH), (Kuga 03, DFK))

Bleeding the ABS/ESC system ((Mondeo 05, BA7), (S-Max 01, WA6), (C-Max 03, DXA), (Kuga 02, DM2), (Focus 04, DYB), (Focus 05, DYB), (Focus 03, DYB))

Learning the power windows ((C-Max 03, DXA), (Kuga 02, DM2), (Focus 04, DYB), (Focus 05, DYB), (Tourneo Connect 03, FAC), (Focus 03, DYB), (Tourneo Connect 03, SK), (Transit 11, FAC))

Resetting the variable turbocharger adaptation values ((Kuga 02, DM2), (Focus 05, DYB), (Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

De/activating the parking brake service mode ((Kuga 02, DM2), (Focus 04, DEH), (Kuga 03, DFK))

Initializing lateral/longitudinal/rotation acceleration sensor ((Focus 04, DEH), (Puma 02, J2K), (Kuga 03, DFK))

Resetting the intake manifold flap learning values ((Kuga 02, DM2), (Focus 05, DYB), (Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Initializing the crankshaft sensor ((Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Emptying/filling the diesel exhaust fluid tank ((Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Initializing the wipers ((Kuga 02, DM2), (Focus 04, DYB), (Focus 05, DYB), (Focus 03, DYB))

Bleeding the ABS hydraulic unit ((Ecosport, JK8), (Focus 06, HN), (Focus 06, HP), (Focus 06, HM), (Focus 06, DYB), (Puma 02, J2K))

Resetting engine adaptation values ((Kuga 02, DM2), (Focus 04, DYB), (Focus 05, DYB), (KA+, KAF))

Resetting the A/C compressor learning values ((Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Adapting the longitudinal acceleration sensor ((C-Max 03, DXA), (Focus 04, DYB), (Focus 05, DYB), (Focus 03, DYB))

Resetting the soot particulate filter ((Kuga 02, DM2))

Initializing the brake-pressure sensor ((Kuga 02, DM2), (Focus 05, DYB), (KA+, KAF))

Cleaning the turbocharger ((Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

| **Codings** | Coding injectors ((Focus 02, DA3), (Focus 02, DB3), (Kuga 02, DM2), (Focus 05, DYB), (Tourneo Connect 03, FAC), (Tourneo Connect 03, SK), (Transit 11, FAC))

Coding the radio remote control ((Focus 01, DAW))

| **Service resets** | (B-Max, JK8), (C-Max 01, DM2), (C-Max 02, DM2), (C-Max 03, DXA), (C-Max 04, DXA), (Cougar, BCV), (Ecosport, JK8), (Edge, TK), (Escort 05, GAL), (Explorer, U2), (Fiesta 04, JBS), (Fiesta 06, JR8), (Fiesta 07, JA8), (Fiesta 08, JJH), (Focus 01, DFW), (Focus 02, DA3), (Focus 03, DB3), (Focus 04, DYB), (Focus 05, DYB), (Focus 06, HN), (Galaxy 01, WGR), (Galaxy 02, WGR), (Galaxy 03, WA6), (Galaxy 04, WA6), (KA 01, RBT), (KA+, KAF), (Kuga 01, DM2), (Kuga 02, DM2), (Kuga 03, DFK), (Maverick 02, 1EZ), (Mondeo 01, GBP), (Mondeo 02, GBP), (Mondeo 03, B4Y), (Mondeo 04, BA7), (Mondeo 05, BA7), (Mustang 06, LAE), (Puma 01, ECT), (Puma 02, J2K), (Ranger 04, 2AB), (Ranger 05, 2AB), (S-Max 01, WA6), (S-Max 02, WA6), (Scorpio 02, GFR), (Tourneo Connect 01, PH2), (Tourneo Connect 02, PT2), (Tourneo

Connect 03, JU2), (Transit 07, NDL), (Transit 08, H1), (Transit 09, FME6,FMG6,FMH6,FNF6,FMF6,FFG6,FFH6,FFF6), (Transit 10, FAC), (Transit 11, FAC), (Windstar, A3)

| **DoIP/CANDoIP/CAN**

| **Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X**

| **Cyber Security Management (CSM)Cyber Security Management (CSM)**

| **Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management**

Hyundai

| **Trouble codes** | (Accent, RB), (Elantra, AD), (Elantra, MD,UD), (Genesis, BH), (i20, BC3), (i20, GB), (i30 / i30cw, PD), (ix35, EL), (Kona, OS), (Santa Fe, CM), (Santa Fe, DM), (Tucson, NX4) |

| **Parameters** | (Accent, RB), (Elantra, AD), (Elantra, MD,UD), (Genesis, BH), (i20, BC3), (i20, GB), (i20, PB), (i30 / i30cw, PD), (ix35, EL), (Kona, OS), (Santa Fe, CM), (Santa Fe, DM), (Tucson, NX4) |

| **Actuators** | (Elantra, AD), (Elantra, MD,UD), (Genesis, BH), (i20, BC3), (i20, GB), (i30 / i30cw, PD), (ix35, EL), (Kona, OS), (Santa Fe, CM), (Santa Fe, DM), (Tucson, NX4) |

| **Basic settings**

Adapting the longitudinal acceleration sensor ((i20, BC3))

Learning the lambda sensor heater ((Kona, OS))

Resetting transfer case adaptation values ((i30 / i30cw, PD), (Kona, OS))

Performing the compression test ((Santa Fe, DM))

Regenerating the soot particulate filter ((i20, BC3))

Resetting engine adaptation values ((ix35, EL), (Santa Fe, DM), (i20, BC3))

Resetting the ECU ((i30 / i30cw, PD))

Solenoid valve test ((Santa Fe, CM))

Initializing the EGR valve ((Kona, OS))

Bleeding the fuel system ((Santa Fe, DM))

Gearbox bleeding ((i30 / i30cw, PD))

Learning the throttle valve ((Kona, OS))

Initializing the fuel high-pressure sensor ((Kona, OS))

Cleaning/replacing the soot particulate filter ((Kona, OS))

Initializing the differential pressure sensor ((Kona, OS))

Adapting the longitudinal acceleration sensor ((Genesis, BH), (Santa Fe, DM))

Resetting learned values of steering angle sensor ((Elantra, MD,UD), (Elantra, AD), (Santa Fe, CM))

Standardizing the liftgate ((Santa Fe, DM))

Initializing the mass airflow sensor ((Kona, OS))

Learning the turbocharger ((Kona, OS))

Calibrating the steering-angle sensor ((ix20, JC), (Santa Fe, DM), (i20, GB))

Learning the steering-angle sensor ((Santa Fe, DM))

Learning the steering-angle sensor ((Santa Fe, CM))

Adapting the longitudinal acceleration sensor ((i30 / i30cw, PD), (Kona, OS))

Configuring the head-up display ((Kona, OS))

Resetting transfer case adaptation values ((ix35, EL))

Resetting self-adaptation parameters ((i30 / i30cw, PD), (Kona, OS))

Resetting gearbox learning values ((ix35, EL), (Santa Fe, DM), (Santa Fe, CM))

Bleeding the ABS/ESC system ((i20, BC3), (Kona, OS), (Santa Fe, CM))

Initializing the torque sensor ((ix35, EL), (Santa Fe, DM))

Replacing engine parts ((Santa Fe, DM), (i20, GB), (Kona, OS))

Teach-in clutch system ((i20, BC3), (Kona, OS))

Calibrating the camera and radar system ((Santa Fe, DM))

Resetting all engine adaptation values ((Genesis, BH))

Initializing the ABS/ESC system ((Santa Fe, CM))

Resetting adaptation values of ABS ECU ((i20, GB))

De-energizing the vehicle ((Santa Fe, CM))

Bleeding the brake system ((Santa Fe, DM), (i20, GB), (i30 / i30cw, PD))

Standardizing the liftgate ((Tucson, NX4))

Configuring the lane change assist ((Santa Fe, DM), (Kona, OS))

Calibrating the steering-angle sensor ((Genesis, BH))

Learning the RDC sensors ((i20, BC3))

Adapting the accelerator sensor ((Kona, OS))

Calibrate ASP ((ix35, EL), (i20, GB))

Calibrating the cornering light ((ix35, EL), (Santa Fe, DM))

Initializing the brake-pressure sensor ((Kona, OS))

Calibrating radar statically ((Kona, OS))

De/activating the parking brake service mode ((ix35, EL), (i30 / i30cw, PD))

Regenerating the soot particulate filter ((Santa Fe, DM), (i20, GB), (i30 / i30cw, PD), (Kona, OS))

Replacing the particle filter ((i30 / i30cw, PD), (Kona, OS))

Calibrating the camera ECU ((ix35, EL), (Santa Fe, DM), (i20, GB), (i30 / i30cw, PD), (Kona, OS))

Bleeding the fuel system ((i20, GB), (Kona, OS))

Bleeding the ABS hydraulic unit ((ix35, EL), (Genesis, BH), (Santa Fe, DM), (Santa Fe, CM))

Learning the steering-angle sensor ((i20, BC3), (i30 / i30cw, PD), (Kona, OS))

Initializing the swirl flap ((Kona, OS))

Resetting transfer case adaptation values ((Santa Fe, DM))

Initializing ride height sensors ((Santa Fe, DM))

| **Codings**

Coding the keys ((Santa Fe, CM))

Coding the power steering ECU ((Santa Fe, DM))

Coding the tire pressure check ((Santa Fe, DM), (Santa Fe, CM))

Coding the remote control ((ix35, EL))

Coding the wheel valves ((Santa Fe, DM), (i20, GB), (i30 / i30cw, PD), (Kona, OS))

Adapting the power steering after replacement ((Santa Fe, DM))

Initializing the radar unit of distance warning system ((Kona, OS))

Registering the rear radar sensor ((Kona, OS))

Coding injectors ((Santa Fe, DM), (i20, GB), (Kona, OS), (Santa Fe, CM))

| **Service resets**

(i20, BC3), (i20, GB), (i30 / i30cw, PD), (Kona, OS), (Santa Fe, DM)

| **DoIP/CANDoIP/CAN**

| **Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X**

| **Cyber Security Management (CSM)Cyber Security Management (CSM)**

| **Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management**

Iveco

| **Trouble codes**

(Daily V, Concorde Daily), (Daily VI,)

| **Parameters**

(Daily V, Concorde Daily), (Daily VI,)

| **Actuators**

Basic settings	Resetting mass airflow sensor adaptation values ((Daily VI,))
	Initializing the mass airflow sensor ((Daily V, Concorde Daily), (Daily V, C35C), (Daily V, J1))
	Resetting catalyst adaptation values ((Daily VI,))
	Resetting rail pressure ((Daily V, Concorde Daily), (Daily V, C35C), (Daily V, J1))
	Resetting the particulate filter learning values ((Daily VI,), (Daily V, Concorde Daily), (Daily V, C35C), (Daily V, J1))
	Bleeding the ABS hydraulic unit ((Daily V, Concorde Daily), (Daily V, C35C), (Daily V, J1))
	Initializing the diesel exhaust fluid injector ((Daily VI,))
	Resetting the variable turbocharger adaptation values ((Daily V, Concorde Daily), (Daily V, C35C), (Daily V, J1))
	Resetting oxygen sensor adaptation values ((Daily VI,), (Daily V, Concorde Daily), (Daily V, C35C), (Daily V, J1))
	Initializing the fuel high-pressure sensor ((Daily VI,), (Daily V, Concorde Daily), (Daily V, C35C), (Daily V, J1))
	Initializing the differential pressure sensor ((Daily VI,), (Daily V, Concorde Daily), (Daily V, C35C), (Daily V, J1))
	Resetting learned values of the boost pressure sensor ((Daily VI,), (Daily V, Concorde Daily), (Daily V, C35C), (Daily V, J1))

Codings

Service resets   (Daily V, Concorde Daily)

DoIP/CANDoIP/CAN

Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X

Cyber Security Management (CSM)Cyber Security Management (CSM)

Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management

Jaguar

Trouble codes	(F-Type, QQ6), (F-Type, X152)
Parameters	(F-Type, QQ6), (F-Type, X152)

| Actuators | (F-Type, QQ6), (F-Type, X152) |

Basic settings	Adapting the longitudinal acceleration sensor ((F-Type, X152), (F-Type, QQ6))
	Initializing the lateral acceleration sensor ((F-Type, X152), (F-Type, QQ6))
	Adjusting the headlights ((F-Type, X152), (F-Type, QQ6))
	De/activating the parking brake service mode ((F-Type, X152), (F-Type, QQ6))
	Learning the power windows ((F-Type, X152), (F-Type, QQ6))
	Calibrating the steering-angle sensor ((F-Type, X152), (F-Type, QQ6))
	Resetting engine adaptation values ((F-Type, X152))
	Deactivating/activating the airbag system ((F-Type, X152), (F-Type, QQ6))
	Resetting gearbox learning values ((F-Type, X152), (F-Type, QQ6))
	Bleeding the fuel system ((F-Type, X152))
	Adapting the throttle position sensor ((F-Type, X152))

| Codings | Registering the battery ((F-Type, X152), (F-Type, QQ6)) |

| Service resets | (F-Type, QQ6), (F-Type, X152) |

| **DoIP/CAN**DoIP/CAN |
| **Capable for diagnostics only with mega macs X**Capable for diagnostics only with mega macs X |

| **Cyber Security Management (CSM)**Cyber Security Management (CSM) |
| **Capable for diagnostics only with Cyber Security Management**Capable for diagnostics only with Cyber Security Management |

Jeep

| Trouble codes | (Compass (MP), MP), (Renegade, BU, B1) |

| Parameters | (Compass (MP), MP), (Renegade, BU, B1) |

| Actuators | (Renegade, BU, B1) |

| Basic settings | Initializing the adaptive cruise control ((Renegade, BU, B1), (Compass (MP), MP)) |
| | De/activating the parking brake service mode ((Renegade, BU, B1)) |

Readdressing air distribution flaps ((Renegade, BU, B1))

Adapting the clutch biting point ((Renegade, BU, B1))

Resetting engine adaptation values ((Compass (MP), MP))

Learning the steering-angle sensor ((Renegade, BU, B1))

Initializing crankshaft/camshaft position ((Compass (MP), MP))

Calibrating the camera ECU ((Renegade, BU, B1), (Compass (MP), MP))

Initializing the brake-pressure sensor ((Renegade, BU, B1))

Resetting gearbox learning values ((Renegade, BU, B1))

Learning the injection valve ((Compass (MP), MP))

Resetting adaptation values of the electrohydraulic valve control system ((Compass (MP), MP))

Codings	Coding the trailer detection ((Renegade, BU, B1))
	Coding the belt warning buzzer ((Compass (MP), MP))
	Deactivating the transport mode ((Renegade, BU, B1), (Compass (MP), MP))
	Coding the tire pressure check ((Renegade, BU, B1))

| **Service resets** | (Compass (MP), MP), (Renegade, BU, B1) |

| **DoIP/CANDoIP/CAN** | |
| **Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X** | |

| **Cyber Security Management (CSM)Cyber Security Management (CSM)** | (Renegade, BU, B1), (Compass (MP), MP) |

| **Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management** | |

Kia

| **Trouble codes** | (Carnival, UP), (Cee'd / Pro Cee'd, CD), (Diverse, JF), (Diverse, SL), (Sorento, MQ4), (Soul, SK3 EV), (Sportage, QL) |

| **Parameters** | (Carnival, UP), (Cee'd / Pro Cee'd, CD), (Diverse, JF), (Diverse, SL), (Sorento, MQ4), (Soul, SK3 EV), (Sportage, QL) |

| **Actuators** | (Carnival, UP), (Diverse, JF), (Diverse, SL), (Sportage, QL) |

| Basic settings | Adapting the longitudinal acceleration sensor ((Soul, SK3 EV))
| | Bleeding the fuel system ((Sportage, QL))
| | Adapting the accelerator sensor ((Sportage, QL))
| | Learning the lambda sensor ((Sportage, QL))
| | Performing the special bleeding RL ((Carnival, UP))
| | Adapting the diesel exhaust fluid tank ((Sportage, QL))
| | Adapting the high-voltage battery module ((Cee'd / Pro Cee'd, CD), (Soul, SK3 EV))
| | Learning the throttle valve ((Sportage, QL))
| | Initializing the fuel high-pressure sensor ((Sportage, QL))
| | Performing the special bleeding FL ((Carnival, UP))
| | Calibrate radar dynamically ((Soul, SK3 EV), (Sportage, QL))
| | Resetting gearbox learning values ((Sportage, QL))
| | Reset learning values ((Diverse, SL))
| | Initializing the mass airflow sensor ((Sportage, QL))
| | Calibrating the steering-angle sensor ((Sportage, QL))
| | Learning the steering-angle sensor ((Soul, SK3 EV))
| | De/activating the electric parking brake service mode ((Soul, SK3 EV), (Sportage, QL))
| | Learning the steering-angle sensor ((Carnival, UP))
| | Resetting learned values of the lower EGR ((Sportage, QL))
| | Regenerating the soot particulate filter ((Sportage, QL))
| | Initializing the brake-pressure sensor ((Soul, SK3 EV))
| | Performing the special bleeding RR ((Carnival, UP))
| | Resetting gearbox learning values ((Diverse, SL))
| | Initializing the rotor position sensor ((Soul, SK3 EV))
| | Solenoid valve test ((Carnival, UP))
| | Resetting engine adaptation values ((Sportage, QL), (Diverse, JF))
| | Resetting the driving profile ((Soul, SK3 EV))
| | Bleeding the brake system ((Niro, DE HEV))
| | Performing the special bleeding FR ((Carnival, UP))
| | Standardizing the liftgate ((Sportage, QL))
| | Resetting learned values of seat occupancy sensor ((Soul, SK3 EV))
| | Filling/bleeding the diesel exhaust fluid line ((Sportage, QL))
| | Calibrate ASP ((Diverse, SL))
| | Initializing the diesel exhaust fluid pump module ((Sportage, QL))
| | Learning the brake pedal position ((Soul, SK3 EV))
| | De/activating the parking brake service mode ((Diverse, JF))
| | Bleeding the cooling system ((Cee'd / Pro Cee'd, CD), (Soul, SK3 EV))

Replacing the particle filter ((Sportage, QL))

Calibrating the camera ECU ((Soul, SK3 EV), (Sportage, QL), (Diverse, JF))

Initializing the EGR valve ((Sportage, QL))

Bleeding the ABS hydraulic unit ((Diverse, SL))

Initializing the diesel exhaust fluid injector ((Sportage, QL))

Configuring the lane change assist ((Sportage, QL), (Soul, SK3 EV))

| **Codings**

Coding the radio remote control ((Diverse, SL))

Coding the tire pressure check ((Diverse, SL))

Coding the wheel valves ((Sportage, QL), (Diverse, SL))

Initializing the radar unit of distance warning system ((Sportage, QL))

Coding the power steering ((Sportage, QL))

Coding injectors ((Carnival, UP), (Sportage, QL))

| **Service resets**

(Diverse, JF), (Diverse, SL), (Sportage, QL)

| **DoIP/CANDoIP/CAN**

| **Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X**

| **Cyber Security Management (CSM)Cyber Security Management (CSM)**

| **Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management**

Lexus

| **Trouble codes**

| **Parameters**

| **Actuators**

| **Basic settings**

Resetting adaptation values of ABS ECU ((UX, KMA10))

Calibrating the parking brake ((RX, GYL25,GYL26), (UX, MZAH15), (ES, AXZH10), (RX, GYL26), (IS, AVE30), (UX, KMA10))

Initializing the yaw rate sensor ((UX, MZAH15), (UX, KMA10))

Resetting parking brake adaptation values ((RX, GYL25,GYL26), (UX, MZAH15), (ES, AXZH10), (RX, GYL26), (IS, AVE30), (UX, KMA10))

De/activating the parking brake service mode ((RX, GYL25,GYL26), (UX, MZAH15), (ES, AXZH10), (RX, GYL26), (IS, AVE30), (UX, KMA10))

| **Codings**   Saving camera and object positions ((LS, GVF50), (LS, GVF55L))

| **Service resets**

| **DoIP/CANDoIP/CAN**   (ES, AXZH10)

| **Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X**

| **Cyber Security Management (CSM)Cyber Security Management (CSM)**

| **Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management**

MAN

| **Trouble codes**

| **Parameters**   (TGE, UY)

| **Actuators**   (TGE, UY)

| **Basic settings**   Draining/filling the refrigerant circuit ((TGE, UY))

| **Codings**

| **Service resets**

HELLA GUTMANN

| DoIP/CANDoIP/CAN

| Capable for diagnostics
only with mega macs
XCapable for diagnostics
only with mega macs X

| Cyber Security
Management (CSM)Cyber
Security Management
(CSM)

| Capable for diagnostics
only with Cyber Security
ManagementCapable for
diagnostics only with
Cyber Security
Management

Mazda

	Trouble codes	(CX-5, KF), (Mazda 2, KB)
	Parameters	(CX-5, KF), (Mazda 2, KB), (MX-30, DR)
	Actuators	(CX-5, KF), (Mazda 2, KB)

| Basic settings

Initializing the lateral acceleration sensor ((CX-5, KF))

Resetting oxygen sensor adaptation values ((Mazda 3, BM), (CX-5, KF))

Resetting engine adaptation values ((Mazda 3, BM), (CX-5, KF))

Learning the throttle valve ((Mazda 3, BM))

Reset learned values of injectors. ((Mazda 3, BM), (CX-5, KF))

Learning the throttle valve ((CX-5, KF))

Adapting the longitudinal acceleration sensor ((CX-5, KF))

Resetting mass airflow sensor adaptation values ((Mazda 3, BM), (CX-5, KF))

Learning the turbocharger ((Mazda 3, BM), (CX-5, KF))

De/activating the parking brake service mode ((Mazda 3, BM), (CX-3, DK), (Mazda 3, BN), (Mazda 3, BM,BN), (Mazda 6, GJ), (CX-5, GH,KE), (Mazda 6, GL), (CX-5, KF), (Mazda 6, GJ,GL), (Mazda 3, BP), (CX-30, DM), (MX-30, DR))

Resetting the particulate filter learning values ((Mazda 3, BM), (Mazda 2, KB), (CX-5, KF))

Regenerating the soot particulate filter ((Mazda 3, BM), (Mazda 2, KB), (CX-5, KF))

Initializing the brake-pressure sensor ((CX-5, KF))

Initializing the SCR system ((CX-5, KF))

Resetting adaptation values of ABS ECU ((Mazda 2, KB))

Initializing the yaw rate sensor ((MX-30, DR), (CX-5, KF))

Resetting adaptation values of the short-range radar ((CX-5, KF))

Resetting the soot load compensation ((Mazda 3, BM))

Calibrating the radar sensor ((Mazda 2, KB))

Initializing the adaptive cruise control ((CX-5, KF))

Configuring the lane change assist ((CX-5, KF))

Reset fuel pump learning values ((Mazda 3, BM), (CX-5, KF))

Adapting the brake system ((Mazda 2, KB))

Registering the parking assist ((Mazda 2, KB))

Activating the service mode ((Mazda 2, KB))

Calibrating the camera ((CX-5, KF))

Calibrating the camera ECU ((Mazda 2, KB), (CX-5, KF))

Initializing the EGR valve ((Mazda 3, BM), (CX-5, KF))

Adapting the injection quantity ((Mazda 3, BM), (CX-5, KF))

Resetting headlight leveling adaptation values ((CX-5, KF))

| **Codings**

Coding injectors ((Mazda 3, BM))

Coding the traction control system ((CX-5, KF))

Adjusting the engine oil monitoring function ((Mazda 3, BM), (CX-5, KF))

Coding the wheel valves ((Mazda 2, KB))

| **Service resets**

(CX-5, KF), (Mazda 3, BM)

| **DoIP/CANDoIP/CAN**

| **Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X**

| **Cyber Security Management (CSM)Cyber Security Management (CSM)**

| **Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management**

Mercedes

Trouble codes	(A-Klasse, 177003), (B-Klasse, 242848), (B-Klasse, 247045), (C-Klasse, 204200), (C-Klasse, 205477), (C-Klasse, 205009), (CLA-Klasse, 118384), (CLS-Klasse, 218323), (E-Klasse, 212280), (E-Klasse, 213279), (EQB, 243601), (EQS, 297155), (G-Klasse, 463277), (GLE-Klasse, 167119), (GLS-Klasse, 167921), (S-Klasse, 222082,222182), (S-Klasse, 223976)
Parameters	(C-Klasse, 205477), (C-Klasse, 205009), (CLA-Klasse, 118386), (E-Klasse, 212280), (E-Klasse, 213279), (EQB, 243601), (EQS, 297155), (S-Klasse, 217378), (S-Klasse, 222082,222182)
Actuators	(CLA-Klasse, 118386), (E-Klasse, 212280), (E-Klasse, 213279), (S-Klasse, 222082,222182)
Basic settings	Adapting the emergency brake assistant ((CLA-Klasse, 118386), (CLA-Klasse, 118686), (S-Klasse, 222082,222182), (E-Klasse, 213279), (EQB, 243601))

Initializing the parking brake ECU ((S-Klasse, 222082,222182))

Adjusting the headlights ((CLA-Klasse, 118386), (CLA-Klasse, 118686), (S-Klasse, 222082,222182), (E-Klasse, 213279))

Learning the power windows ((CLA-Klasse, 118386), (CLA-Klasse, 118686), (S-Klasse, 222082,222182), (E-Klasse, 213279), (EQB, 243601))

Adjusting the headlights ((EQB, 243601))

Resetting the counter for headlight operating hours ((E-Klasse, 213279))

Resetting adaptation values of front radar sensor ((S-Klasse, 223030,223130), (SL-Klasse, 232.480), (SL-Klasse, 232.481), (E-Klasse, 213279), (S-Klasse, 223031,223131), (S-Klasse, 223033,223133), (S-Klasse, 223061,223161), (S-Klasse, 223063,223163), (S-Klasse, 223068,223168), (S-Klasse, 223076,223176), (S-Klasse, 223060,223160), (C-Klasse, 206041), (C-Klasse, 206042), (C-Klasse, 206043), (C-Klasse, 206003), (C-Klasse, 206016,206004), (C-Klasse, 206005), (C-Klasse, 206046), (C-Klasse, 206047), (C-Klasse, 206006), (C-Klasse, 206007), (C-Klasse, 206241), (C-Klasse, 206242), (C-Klasse, 206243), (C-Klasse, 206203), (C-Klasse, 206204,206216), (C-Klasse, 206205), (C-Klasse, 206246), (C-Klasse, 206247), (C-Klasse, 206206), (EQE, 295.121), (EQS, 297123), (EQS, 297144), (S-Klasse, 223976), (C-Klasse, 206054), (C-Klasse, 206254), (EQS, 297155), (S-Klasse, 223069))

Resetting the air-suspension compressor run-time ((E-Klasse, 212280), (E-Klasse, 212288), (E-Klasse, 212291), (E-Klasse, 212059), (E-Klasse, 212259), (E-Klasse, 212234), (E-Klasse, 212236), (E-Klasse, 212276), (E-Klasse, 212275), (E-Klasse, 212273), (E-Klasse, 212255), (E-Klasse, 212088), (E-Klasse, 212091), (E-Klasse, 212075), (E-Klasse, 212036), (E-Klasse, 212034), (E-Klasse, 212167), (E-Klasse, 212065), (E-Klasse, 212040), (E-Klasse, 212076), (E-Klasse, 212092), (E-Klasse, 212165), (E-Klasse, 212067), (E-Klasse, 212199), (E-Klasse, 212299), (E-Klasse, 212261), (E-Klasse, 212265), (E-Klasse, 212099), (E-Klasse, 212061), (E-Klasse, 212173), (E-Klasse, 212292), (E-Klasse, 212267), (E-Klasse, 212161), (E-Klasse, 212287), (E-Klasse, 212055), (E-Klasse, 212041), (E-Klasse, 212074), (E-Klasse, 212257), (E-Klasse, 212073), (E-Klasse, 212080), (E-Klasse, 212035), (E-Klasse, 212080,212180), (E-Klasse, 212059,212159), (E-Klasse, 212055,212155), (E-Klasse, 212136), (E-Klasse, 212274), (E-Klasse, 212095), (E-Klasse,))

Calibrating the camera ECU ((CLA-Klasse, 118386), (CLA-Klasse, 118686), (S-Klasse, 222082,222182), (E-Klasse, 213279), (EQB, 243601))

Resetting the counter for headlight cooling fan operating hours ((E-Klasse, 213279))

Initializing the intelligent cruise control/emergency brake assistant ((CLA-Klasse, 118386), (CLA-Klasse, 118686), (S-Klasse, 222082,222182), (E-Klasse, 213279), (EQB, 243601))

Actuating the installation/removal position of the parking brake ((S-Klasse, 222082,222182))

Initialize tire pressure sensors ((S-Klasse, 222082,222182))

Initializing the adaptive cruise control ((CLA-Klasse, 118386), (CLA-Klasse, 118686), (S-Klasse, 223030,223130), (SL-Klasse, 232.480), (SL-Klasse, 232.481), (S-Klasse, 222082,222182), (E-Klasse, 213279), (S-Klasse, 223031,223131), (S-Klasse, 223033,223133), (S-Klasse, 223061,223161), (S-Klasse, 223063,223163), (S-Klasse, 223068,223168), (S-Klasse, 223076,223176), (S-Klasse, 223060,223160), (C-Klasse, 206041), (C-Klasse, 206042), (C-Klasse, 206043), (C-Klasse, 206003), (C-Klasse, 206016,206004), (C-Klasse, 206005), (C-Klasse, 206046), (C-Klasse, 206047), (C-Klasse, 206006), (C-Klasse, 206007), (C-Klasse, 206241), (C-Klasse, 206242), (C-Klasse, 206243), (C-Klasse, 206203), (C-Klasse, 206204,206216), (C-Klasse, 206205), (C-Klasse, 206246), (C-Klasse, 206247), (C-Klasse, 206206), (EQE, 295.121), (EQS, 297123), (EQS, 297144), (S-Klasse, 223976), (C-Klasse, 206054), (C-Klasse, 206254), (EQB, 243601), (EQS, 297155), (S-Klasse, 223069))

Calibrating the camera ((E-Klasse, 213279))

Calibrating the front camera ((S-Klasse, 223976), (EQS, 297155), (S-Klasse, 223069))

Resetting adaptation values of radar sensor rear ((CLA-Klasse, 118386), (CLA-Klasse, 118686), (S-Klasse, 223030,223130), (SL-Klasse, 232.480), (SL-Klasse, 232.481), (S-Klasse, 222082,222182), (E-Klasse, 213279), (S-Klasse, 223031,223131), (S-Klasse, 223033,223133), (S-Klasse, 223061,223161), (S-Klasse, 223063,223163), (S-Klasse, 223068,223168), (S-Klasse, 223076,223176), (S-Klasse, 223060,223160), (C-Klasse, 206041), (C-Klasse, 206042), (C-Klasse, 206043), (C-Klasse, 206003), (C-Klasse, 206016,206004), (C-Klasse, 206005), (C-Klasse, 206046), (C-Klasse, 206047), (C-Klasse, 206006), (C-Klasse, 206007), (C-Klasse, 206241), (C-Klasse, 206242), (C-Klasse, 206243), (C-Klasse, 206203), (C-Klasse, 206204,206216), (C-Klasse, 206205), (C-Klasse, 206246), (C-Klasse, 206247), (C-Klasse, 206206), (EQE, 295.121), (EQS, 297123), (EQS, 297144), (S-Klasse, 223976), (C-Klasse, 206054), (C-Klasse, 206254), (EQB, 243601), (EQS, 297155), (S-Klasse, 223069))

Codings

Coding the rain/light sensor of windshield ((E-Klasse, 213279))

Registering the battery ((ML-Klasse, 166074), (GL-Klasse, 166874), (GLE-Klasse, 166004), (GLE-Klasse, 166062), (GLE-Klasse, 166024), (GLE-Klasse, 166056), (GLE-Klasse, 166064), (GLE-Klasse, 166073), (GLE-Klasse, 166063), (GLE-Klasse, 166074), (GLE-Klasse, 166075,166875), (GLE-Klasse, 166006), (C-Klasse, 205477), (C-Klasse, 205377), (C-Klasse, 205314), (C-Klasse, 205378), (C-Klasse, 205064), (C-Klasse, 205464), (C-Klasse, 205364), (C-Klasse, 205264), (C-Klasse, 205448), (C-Klasse, 205383), (GLE-Klasse, 167119), (GLE-Klasse, 167121), (GLE-Klasse, 167123), (GLE-Klasse, 167148), (GLE-Klasse, 167149), (GLE-Klasse, 167159), (GLS-Klasse, 167921), (GLS-Klasse, 167923), (GLS-Klasse, 167959), (C-Klasse, 205483), (C-Klasse, 205418), (C-Klasse, 205340), (C-Klasse, 205440), (C-Klasse, 205283), (C-Klasse, 205318), (C-Klasse, 205466), (C-Klasse, 205066), (C-Klasse, 205240), (C-Klasse, 205044), (C-Klasse, 205213), (C-Klasse, 205019), (C-Klasse, 205266), (C-Klasse, 205040), (C-Klasse, 205018), (C-Klasse, 205013), (EQC, 293890,293891), (GLS-Klasse, 167986), (C-Klasse, 205075), (C-Klasse, 205076), (C-Klasse, 205476), (C-Klasse, 205376), (C-Klasse, 205276), (GLE-Klasse, 167161), (GLB-Klasse, 247610), (GLB-Klasse, 247612), (GLB-Klasse, 247613), (GLB-Klasse, 247615), (GLB-Klasse, 247687), (GLB-Klasse, 247647), (GLB-Klasse, 247651), (GLB-Klasse, 247646), (GLA-Klasse, 247746), (GLA-Klasse, 247787), (GLA-Klasse, 247747), (GLA-Klasse, 247712), (GLA-Klasse, 247713), (GLA-Klasse, 247715), (GLA-Klasse, 247714), (GLA-Klasse, 247786), (GLA-Klasse, 247710), (EQA, 243701), (EQA, 243708), (EQB, 243708), (ML-Klasse, 166003,166004), (ML-Klasse, 166024), (ML-Klasse, 166057), (ML-Klasse, 166073), (GL-Klasse, 166823,166824), (GL-Klasse, 166873), (ML-Klasse, 166055), (ML-Klasse, 166056), (GLS-Klasse, 166824), (ML-Klasse, 166), (ML-Klasse, 166058), (G-Klasse, 463272), (G-Klasse, 463274), (GL-Klasse, 166856), (ML-Klasse, 166062), (GLS-Klasse, 166856), (GLS-Klasse, 166873), (GLS-Klasse, 166875), (G-Klasse, 463234,463239), (G-Klasse, 463348), (G-Klasse, 463274,463275), (GLE-Klasse, 166057), (G-Klasse, 463202), (A-Klasse, 177003), (A-Klasse, 177087), (A-Klasse, 177046), (C-Klasse,

205078), (C-Klasse, 205077), (C-Klasse, 205014), (C-Klasse, 205214), (C-Klasse, 205278), (C-Klasse, 205414), (C-Klasse, 205478), (C-Klasse, 205277), (CLS-Klasse, 257321), (CLS-Klasse, 257323), (CLS-Klasse, 257359), (G-Klasse, 463276), (C-Klasse, 205000), (C-Klasse, 205001), (C-Klasse, 205011), (C-Klasse, 205015), (C-Klasse, 205083), (C-Klasse, 205200), (C-Klasse, 205201), (C-Klasse, 205211), (C-Klasse, 205215), (CLS-Klasse, 257361), (A-Klasse, 177082), (A-Klasse, 177084), (A-Klasse, 177044), (A-Klasse, 177045), (A-Klasse, 177047), (A-Klasse, 177012), (A-Klasse, 177014), (A-Klasse, 177147), (A-Klasse, 177051), (C-Klasse, 205401), (C-Klasse, 205411), (C-Klasse, 205487), (C-Klasse, 205486), (C-Klasse, 205415), (C-Klasse, 205301), (C-Klasse, 205311), (C-Klasse, 205386), (C-Klasse, 205387), (C-Klasse, 205244), (C-Klasse, 205287), (C-Klasse, 205286), (C-Klasse, 205218), (C-Klasse, 205219), (C-Klasse, 205086), (C-Klasse, 205087), (CLS-Klasse, 257350), (CLS-Klasse, 257320), (B-Klasse, 247045), (B-Klasse, 247047), (B-Klasse, 247082), (B-Klasse, 247084), (B-Klasse, 247003), (B-Klasse, 247087), (B-Klasse, 247012), (B-Klasse, 247014), (CLA-Klasse, 118384), (CLA-Klasse, 118303), (CLA-Klasse, 118312), (CLA-Klasse, 118314), (CLA-Klasse, 118344), (CLA-Klasse, 118345), (CLA-Klasse, 118346), (CLA-Klasse, 118347), (CLA-Klasse, 118351), (CLA-Klasse, 118353), (CLA-Klasse, 118354), (CLA-Klasse, 118387), (B-Klasse, 247015), (B-Klasse, 247013), (B-Klasse, 247046), (CLS-Klasse, 257318), (CLS-Klasse, 257351), (C-Klasse, 205084), (C-Klasse, 205284), (CLA-Klasse, 118651), (CLA-Klasse, 118684), (CLA-Klasse, 118603), (CLA-Klasse, 118687), (CLA-Klasse, 118612), (CLA-Klasse, 118644), (CLA-Klasse, 118614), (CLA-Klasse, 118646), (CLA-Klasse, 118647), (C-Klasse, 205319), (C-Klasse, 205315), (C-Klasse, 205275), (C-Klasse, 205384), (C-Klasse, 205484), (A-Klasse, 177086), (A-Klasse, 177186), (A-Klasse, 177013), (A-Klasse, 177015), (CLA-Klasse, 118613), (CLA-Klasse, 118615), (B-Klasse, 247086), (G-Klasse, 463277), (A-Klasse, 177002), (CLA-Klasse, 118313), (CLA-Klasse, 118315), (CLA-Klasse, 118386), (CLA-Klasse, 118686), (CLA-Klasse, 118653), (CLA-Klasse, 118654), (B-Klasse, 247044), (B-Klasse, 247002), (GLA-Klasse, 247784), (GLA-Klasse, 247751), (A-Klasse, 177102), (A-Klasse, 177184), (A-Klasse, 177103), (A-Klasse, 177187), (A-Klasse, 177112), (A-Klasse, 177113), (A-Klasse, 177144), (A-Klasse, 177145), (A-Klasse, 177114), (A-Klasse, 177115), (A-Klasse, 177146), (A-Klasse, 177151), (C-Klasse, 205080), (C-Klasse, 205480), (C-Klasse, 205380), (C-Klasse, 205280), (CLS-Klasse, 257314), (CLS-Klasse, 257348), (CLS-Klasse, 257358), (G-Klasse, 463349), (G-Klasse, 463350), (G-Klasse, 463260,463261), (G-Klasse, 463273), (GL-Klasse, 166824), (GL-Klasse, 166864), (GL-Klasse, 166872), (GL-Klasse, None), (GLB-Klasse, 247614), (GLE-Klasse, 166058), (GLE-Klasse, 167321), (GLE-Klasse, 167361), (GLE-Klasse, 167323), (S-Klasse, 222082,222182), (A-Klasse, 177010), (A-Klasse, 177088), (A-Klasse, 177110), (A-Klasse, 177188), (B-Klasse, 247088), (C-Klasse, 205079), (CLA-Klasse, 118310), (CLA-Klasse, 118388), (CLA-Klasse, 118610), (E-Klasse, 213279), (GLA-Klasse, 247788), (GLB-Klasse, 247684), (GLB-Klasse, 247688), (GLE-Klasse, 167349), (B-Klasse, 247010), (EQB, 243601))

Coding the rain/light sensor ((GLC-Klasse, 253905), (GLC-Klasse, 253946), (GLC-Klasse, 253909), (GLC-Klasse, 253949), (GLC-Klasse, 253954), (GLC-Klasse, 253964), (GLC-Klasse, 253303,253305), (GLC-Klasse, 253309), (GLC-Klasse, 253301), (GLC-Klasse, 253325), (GLC-Klasse, 253346), (GLC-Klasse, 253349), (GLC-Klasse, 253364), (GLC-Klasse, 253354), (GLC-Klasse, 253904), (GLC-Klasse, 253901), (GLC-Klasse, 253323), (GLC-Klasse, 253923), (GLC-Klasse, 253925), (GLC-Klasse, 253388), (GLC-Klasse, 253988), (GLC-Klasse, 253989), (GLC-Klasse, 253389), (GLC-Klasse, 253943), (CLA-Klasse, 118384), (CLA-Klasse, 118303), (CLA-Klasse, 118312), (CLA-Klasse, 118314), (CLA-Klasse, 118344), (CLA-Klasse, 118345), (CLA-Klasse, 118346), (CLA-Klasse, 118347), (CLA-Klasse, 118351), (CLA-Klasse, 118353), (CLA-Klasse, 118354), (CLA-Klasse, 118387), (CLA-Klasse, 118651), (CLA-Klasse, 118684), (CLA-Klasse, 118603), (CLA-Klasse, 118687), (CLA-Klasse, 118612), (CLA-Klasse, 118644), (CLA-Klasse, 118614), (CLA-Klasse, 118646), (CLA-Klasse, 118647), (GLC-Klasse, 253380), (CLA-Klasse, 118613), (CLA-Klasse, 118615), (CLA-Klasse, 118313), (CLA-Klasse, 118315), (CLA-Klasse, 118386), (CLA-Klasse, 118686), (CLA-Klasse, 118653), (CLA-Klasse, 118654), (GLC-Klasse, 253981), (GLC-Klasse, 253980), (GLC-Klasse, 253315), (GLC-Klasse, 253915), (GLC-Klasse, 253353), (GLC-Klasse, 253942), (GLC-Klasse, 253913), (GLC-Klasse, 253916), (GLC-Klasse, 253914), (GLC-Software, 253948), (GLC-Klasse, 253953), (GLC-Klasse, 253984), (GLC-Klasse, 253342), (GLC-Klasse, 253343), (GLC-Klasse, 253313), (GLC-Klasse, 253316), (GLC-

Klasse, 253381), (GLC-Klasse, 253384), (S-Klasse, 222082,222182), (CLA-Klasse, 118310), (CLA-Klasse, 118388), (CLA-Klasse, 118610), (GLC-Klasse, 253903), (GLC-Klasse, 253911), (GLC-Klasse, 253311), (EQB, 243601))

Service resets	(S-Klasse, 222082,222182)
DoIP/CANDoIP/CAN **Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X**	(S-Klasse, 223030,223130), (SL-Klasse, 232.480), (SL-Klasse, 232.481), (S-Klasse, 223031,223131), (S-Klasse, 223033,223133), (S-Klasse, 223061,223161), (S-Klasse, 223063,223163), (S-Klasse, 223068,223168), (S-Klasse, 223076,223176), (S-Klasse, 223060,223160), (C-Klasse, 206041), (C-Klasse, 206042), (C-Klasse, 206043), (C-Klasse, 206003), (C-Klasse, 206016,206004), (C-Klasse, 206005), (C-Klasse, 206046), (C-Klasse, 206047), (C-Klasse, 206006), (C-Klasse, 206007), (C-Klasse, 206241), (C-Klasse, 206242), (C-Klasse, 206243), (C-Klasse, 206203), (C-Klasse, 206204,206216), (C-Klasse, 206205), (C-Klasse, 206246), (C-Klasse, 206247), (C-Klasse, 206206), (EQE, 295.121), (EQS, 297123), (EQS, 297144), (S-Klasse, 223976), (C-Klasse, 206054), (C-Klasse, 206254), (EQS, 297155), (S-Klasse, 223069)
Cyber Security Management (CSM)Cyber Security Management (CSM) **Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management**	(S-Klasse, 223030,223130), (SL-Klasse, 232.480), (SL-Klasse, 232.481), (S-Klasse, 223031,223131), (S-Klasse, 223033,223133), (S-Klasse, 223061,223161), (S-Klasse, 223063,223163), (S-Klasse, 223068,223168), (S-Klasse, 223076,223176), (S-Klasse, 223060,223160), (C-Klasse, 206041), (C-Klasse, 206042), (C-Klasse, 206043), (C-Klasse, 206003), (C-Klasse, 206016,206004), (C-Klasse, 206005), (C-Klasse, 206046), (C-Klasse, 206047), (C-Klasse, 206006), (C-Klasse, 206007), (C-Klasse, 206241), (C-Klasse, 206242), (C-Klasse, 206243), (C-Klasse, 206203), (C-Klasse, 206204,206216), (C-Klasse, 206205), (C-Klasse, 206246), (C-Klasse, 206247), (C-Klasse, 206206), (EQE, 295.121), (EQS, 297123), (EQS, 297144), (S-Klasse, 223976), (C-Klasse, 206054), (C-Klasse, 206254), (EQS, 297155), (S-Klasse, 223069)

Mini

Trouble codes	(F57 Cabrio, F57)
Parameters	(F57 Cabrio, F57)
Actuators	
Basic settings	
Codings	
Service resets	

| DoIP/CANDoIP/CAN

| Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X

| Cyber Security Management (CSM)Cyber Security Management (CSM)

| Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management

Mitsubishi

| Trouble codes | (Diverse, GK) |

| Parameters | (Diverse, GK) |

| Actuators | (Diverse, GK) |

| Basic settings | Initializing minimum injection quantity ((Diverse, GK))

Initializing the yaw rate sensor ((Diverse, GK))

Replacing the fuel pre-supply pump ((Diverse, GK))

System malfunction service of soot particulate filter ((Diverse, GK))

Initializing the differential pressure sensor ((Diverse, GK))

Replacing the particle filter ((Diverse, GK))

Calibrating the camera ECU ((Diverse, GK))

Calibrating the battery current sensor ((Diverse, GK))

Configuring the lane change assist ((Diverse, GK))

Calibrating the camera ((Diverse, GK))

Calibrating the steering-angle sensor ((Diverse, GK))

Regenerating the soot particulate filter during driving ((Diverse, GK))

| Codings | Coding injectors ((Diverse, GK)) |

| Service resets | (Diverse, GK) |

| DoIP/CANDoIP/CAN

| Capable for diagnostics
only with mega macs
XCapable for diagnostics
only with mega macs X

| Cyber Security
Management (CSM)Cyber
Security Management
(CSM)

| Capable for diagnostics
only with Cyber Security
ManagementCapable for
diagnostics only with
Cyber Security
Management

Nissan

| Trouble codes | (Juke, F15), (Micra, K14) |

| Parameters | (Juke, F15), (Micra, K14) |

| Actuators | (Juke, F15), (Micra, K14) |

| Basic settings | Initializing the rain/light sensor ((Juke, F15)) |

Calibrate rearview camera ((Juke, F15))

Resetting battery discharging current values ((Juke, F15), (Micra, K14))

Calibrating the radar sensor ((Micra, K14))

Calibrating the camera ECU ((Micra, K14))

Learning the steering-angle sensor ((Juke, F15))

Learning the steering-angle sensor ((Micra, K14))

Resetting starter learning values ((Juke, F15))

| Codings | Adapting the trailer hitch to advanced driver assistance systems ((Micra, K14)) |

| Service resets |

| DoIP/CANDoIP/CAN

| Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X

| Cyber Security Management (CSM)Cyber Security Management (CSM)

| Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management

Opel/Vauxhall

| Trouble codes | (Adam, M13), (Cascada, P-J/SW), (Combo-E, X19), (Corsa-E, X15), (Crossland X, P17), (Insignia-B, Z18), (Mokka, J13), (Movano-B, X62B), (Vivaro-C, V), (Zafira-C, P12)

| Parameters | (Adam, M13), (Cascada, P-J/SW), (Combo-E, X19), (Corsa-E, X15), (Crossland X, P17), (Insignia-B, Z18), (Mokka, J13), (Movano-B, X62B), (Vivaro-C, V), (Zafira-C, P12)

| Actuators | (Cascada, P-J/SW), (Combo-E, X19), (Corsa-E, X15), (Crossland X, P17), (Insignia-B, Z18), (Mokka, J13), (Vivaro-C, V), (Zafira-C, P12)

| Basic settings | Reactivating the emergency brake assistant ((Vivaro-C, V))

De-standardizing the power window RL ((Cascada, P-J/SW), (Cascada, W13))

Replacing/filling the regeneration additive container ((Crossland X, P17))

Initialising the boost pressure regulator ((Combo-E, X19))

Resetting self-adaptation parameters ((Movano-A, X70), (Movano-A, U9))

Resetting learned values of steering angle sensor ((Corsa-E, X15), (Zafira-C, P12), (Adam, M13))

De/activating the electric parking brake service mode ((Insignia-B, Z18))

Initializing the air distribution flap actuator ((Vivaro-C, V))

Resetting the particulate filter learning values ((Zafira-C, P12), (Mokka, J13), (Insignia-B, Z18))

Resetting learned values of the oxidation catalyst ((Insignia-B, Z18))

Resetting the diesel exhaust fluid system data ((Mokka, J13), (Insignia-B, Z18))

Learning the clutch position ((Zafira-C, P12), (Crossland X, P17))

Initializing the rain/light sensor ((Vivaro-C, V))

Learning low injection quantity ((Mokka, J13))

Resetting catalyst adaptation values ((Crossland X, P17))

Resetting learned values of throttle valve actuator ((Mokka, J13), (Adam, M13))

Initializing the adaptive cruise control ((Zafira-C, P12))

Regenerating the DeNOx catalyst ((Crossland X, P17))

Resetting the impact mode ((Movano-B, X62B), (Movano-B, X62))

Initializing the DeNOx system ((Vivaro-C, V))

Adjusting the headlights ((Crossland X, P17))

Resetting learned values of fuel pressure regulator ((Insignia-B, Z18), (Corsa-E, X15))

Calibrating the camera ECU ((Vivaro-C, V))

Activating the start/stop function ((Vivaro-C, V))

Calibrating the tire pressure monitoring system ((Zafira-C, P12), (Mokka, J13), (Adam, M13), (Cascada, P-J/SW), (Corsa-E, X15), (Cascada, W13))

De-standardizing the power window RR ((Cascada, P-J/SW), (Cascada, W13))

Learning the lambda sensor heater ((Mokka, J13), (Insignia-B, Z18), (Adam, M13), (Corsa-E, X15))

Resetting oxygen sensor adaptation values ((Insignia-B, Z18), (Corsa-E, X15))

Resetting the mixture adjustment ((Insignia-B, Z18))

Resetting engine adaptation values ((Vivaro-A, X83), (Zafira-C, P12))

Initializing the fuel pressure sensor or the fuel rail ((Zafira-C, P12), (Adam, M13), (Corsa-E, X15), (Movano-B, X62B), (Movano-B, X62))

Initializing the differential pressure sensor ((Movano-B, X62B), (Movano-B, X62))

Resetting the accelerator sensor learning values ((Combo-E, X19), (Crossland X, P17))

Resetting the trouble code memory of camera ((Insignia-B, Z18))

Resetting the outside temperature sensor ((Insignia-B, Z18), (Adam, M13), (Corsa-E, X15))

De/activating the parking brake service mode ((Astra-K, B16), (Astra-K, B-K), (Astra-K,))

Replace brake parts ((Vivaro-C, V))

Adapting the SCR catalyst upon replacement ((Mokka, J13))

Replacing engine parts ((Vivaro-C, V))

Learning the fuel pressure regulator ((Mokka, J13))

Initializing the rotation rate/acceleration sensor ((Combo-E, X19), (Insignia-B, Z18))

Resetting data of excessive clutch slip ((Insignia-B, Z18), (Corsa-E, X15))

Resetting catalyst adaptation values ((Zafira-C, P12))

Resetting learned values of idle speed stabilizer ((Zafira-C, P12))

Resetting low injection quantity ((Adam, M13))

Calibrating the radar sensor ((Vivaro-C, V))

Initializing the clutch pedal position ((Mokka, J13), (Insignia-B, Z18), (Adam, M13), (Corsa-E, X15), (Movano-B, X62B), (Movano-B, X62))

Resetting the learned values for DEF injector ((Crossland X, P17))

Learning the brake pedal position ((Mokka, J13), (Cascada, P-J/SW), (Cascada, W13), (Movano-B, X62B), (Movano-B, X62))

Leaving the ECO mode ((Combo-E, X19), (Crossland X, P17), (Vivaro-C, V))

Emptying/filling the diesel exhaust fluid tank ((Vivaro-C, V))

Initializing the EGR valve ((Crossland X, P17), (Movano-B, X62B), (Movano-B, X62), (Vivaro-C, V))

Resetting the soot particulate filter ((Insignia-B, Z18), (Crossland X, P17), (Movano-B, X62B), (Movano-B, X62))

Initializing the neutral position sensor ((Zafira-C, P12), (Insignia-B, Z18), (Adam, M13))

Learning the steering-angle sensor ((Crossland X, P17))

Initializing the crankshaft position ((Mokka, J13), (Insignia-B, Z18), (Adam, M13), (Corsa-E, X15), (Movano-B, X62B), (Movano-B, X62))

Resetting the ECU ((Combo-E, X19), (Crossland X, P17))

Resetting the diesel exhaust fluid level ((Zafira-C, P12), (Vivaro-C, V))

Resetting boost pressure controller learned values ((Combo-E, X19), (Crossland X, P17))

Resetting learned values of the high-pressure fuel controller ((Adam, M13))

Bringing gear actuator of direct shift transmission in neutral position ((Vivaro-C, V))

Teach-in battery sensor module ((Corsa-E, X15), (Zafira-C, P12), (Mokka, J13), (Cascada, P-J/SW), (Cascada, W13))

Resetting long-term adaptation values of diesel exhaust fluid dosing module ((Zafira-C, P12))

Initializing the air distribution flaps ((Zafira-C, P12), (Mokka, J13), (Adam, M13), (Cascada, P-J/SW), (Corsa-E, X15), (Cascada, W13))

Learning the turbocharger ((Combo-E, X19), (Movano-B, X62B), (Crossland X, P17), (Movano-B, X62))

Learning the throttle valve ((Combo-E, X19), (Corsa-E, X15), (Crossland X, P17), (Movano-B, X62B), (Movano-B, X62))

Resetting learned values of NOx sensor ((Crossland X, P17))

Initializing the brake-pressure sensor ((Zafira-C, P12))

Resetting gearbox learning values ((Vivaro-C, V))

Initializing the high-pressure fuel pump upon replacement ((Crossland X, P17))

Initializing the high-pressure fuel pump ((Movano-B, X62B), (Movano-B, X62))

Learning the clutch position ((Corsa-E, X15))

Initializing the air metering system ((Vivaro-C, V))

Retracting parking brake ((Combo-E, X19), (Crossland X, P17))

Reset the adaptation values of NOx sensor 2. ((Zafira-C, P12), (Insignia-B, Z18))

Resetting differential pressure sensor learning values ((Zafira-C, P12), (Insignia-B, Z18))

Replace cylinder head ((Combo-E, X19), (Crossland X, P17))

Reset the adaptation values of NOx sensor 1. ((Zafira-C, P12), (Insignia-B, Z18))

Initializing the neutral position sensor ((Corsa-E, X15))

Reducing system pressure in transmission ((Corsa-E, X15))

Resetting the air-fuel ratio adaptation values ((Movano-B, X62B), (Movano-B, X62))

Learning the N position of gearbox ((Combo-E, X19), (Vivaro-C, V))

Resetting battery discharging current values ((Combo-E, X19), (Crossland X, P17))

Resetting adaptation values of idle airflow rate ((Insignia-B, Z18), (Corsa-E, X15))

Learning the idle ((Meriva-B, S-D), (Mokka, J13), (Insignia-B, Z18), (Adam, M13), (Corsa-E, X15))

Resetting starter learning values ((Combo-E, X19), (Crossland X, P17), (Movano-B, X62B), (Movano-B, X62))

Adapting the longitudinal acceleration sensor ((Crossland X, P17))

Initializing the SCR system ((Mokka, J13))

Learning the flywheel ((Combo-E, X19), (Crossland X, P17))

Filling the regeneration additive container ((Combo-E, X19), (Vivaro-C, V))

Resetting learned values of the induction system ((Insignia-B, Z18), (Corsa-E, X15))

Learning the lambda sensor ((Zafira-C, P12), (Movano-B, X62B), (Movano-B, X62))

De-standardizing the power window FR ((Cascada, P-J/SW), (Cascada, W13))

De-standardizing the power window FL ((Cascada, P-J/SW), (Cascada, W13))

Resetting the indicator light "Water in fuel" ((Movano-B, X62B), (Movano-B, X62))

Resetting the mixture adjustment ((Corsa-E, X15))

Resetting the fluid level of the regeneration additive system ((Mokka, J13), (Insignia-B, Z18), (Crossland X, P17))

Resetting the exhaust temperature values ((Zafira-C, P12))

Initializing the mass airflow sensor ((Crossland X, P17), (Movano-B, X62B), (Movano-B, X62))

Calibrating the steering-angle sensor ((Combo-E, X19), (Vivaro-C, V))

Resetting learned values of NOx adsorption catalyst ((Zafira-C, P12), (Mokka, J13), (Insignia-B, Z18), (Crossland X, P17))

Learning the steering-angle sensor ((Zafira-C, P12))

Regenerating the soot particulate filter ((Movano-A, X70), (Movano-B, X62), (Zafira-C, P12), (Movano-B, X62B), (Movano-A, U9), (Mokka, J13), (Insignia-B, Z18))

Resetting exhaust-gas temperature sensor adaptation values of soot particulate filter ((Insignia-B, Z18))

Initializing the crankshaft position sensor ((Zafira-C, P12), (Mokka, J13))

Initializing the yaw rate sensor ((Zafira-C, P12))

Initializing the alternator ((Combo-E, X19), (Crossland X, P17))

Reset learned values of the EGR bypass valve ((Movano-B, X62B), (Movano-B, X62))

Resetting EGR valve learning values ((Movano-A, X70), (Movano-A, U9))

Calibrating the front camera ((Zafira-C, P12), (Combo-E, X19), (Mokka, J13), (Cascada, P-J/SW), (Corsa-E, X15), (Insignia-B, Z18), (Cascada, W13), (Crossland X, P17))

Initializing the fuel level ((Combo-E, X19), (Vivaro-C, V))

Resetting adaptation values of the longitudinal acceleration sensor ((Corsa-E, X15), (Adam, M13), (Vivaro-C, V))

Bleeding the clutch ((Corsa-E, X15))

Initializing the fuel injector for soot particulate filter ((Movano-B, X62B), (Movano-B, X62))

Bleeding the brake system ((Astra-K, B16), (Vivaro-C, V))

Calibrating the rearview camera/all-round vision camera ((Insignia-B, Z18))

Resetting the mixture adjustment ((Mokka, J13), (Adam, M13))

Calibrating the parking brake ((Zafira-C, P12), (Combo-E, X19), (Insignia-B, Z18), (Astra-K, B16))

| **Codings** | Coding the trailer hitch ((Combo-E, X19), (Crossland X, P17), (Vivaro-C, V))

Coding the intrusion monitoring ((Vivaro-C, V))

Coding the keys ((Vivaro-C, V))

Locking the airbag ECU ((Vivaro-C, V))

Coding the remote control ((Vivaro-C, V))

Coding the idle rpm ((Mokka, J13), (Adam, M13), (Movano-B, X62B), (Movano-B, X62))

Deactivating/activating the transport mode ((Vivaro-C, V))

Unlocking the airbag ECU ((Vivaro-C, V))

Coding the VIN ((Vivaro-C, V))

Setting the speed limiter ((Movano-B, X62B), (Movano-B, X62))

Coding injectors ((Vivaro-A, X83), (Movano-A, X70), (Zafira-C, P12), (Movano-A, U9), (Mokka, J13), (Movano-B, X62B), (Movano-B, X62))

Coding the alarm sound ((Vivaro-C, V))

| **Service resets** | (Adam, M13), (Cascada, P-J/SW), (Combo-E, X19), (Corsa-E, X15), (Crossland X, P17), (Insignia-B, Z18), (Mokka, J13), (Movano-B, X62B), (Vivaro-C, V), (Zafira-C, P12)

| **DoIP/CANDoIP/CAN**

| **Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X**

| **Cyber Security Management (CSM)Cyber Security Management (CSM)**

| **Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management**

Peugeot

| **Trouble codes** | (2008, CU), (208, U), (3008, 0U), (308, F), (5008, 0A), (Boxer-III, Y (EU6)), (Partner-IV, E), (Rifter, E), (Traveller, V)

| **Parameters** | (2008, CU), (208, U), (3008, 0U), (308, F), (5008, 0A), (Boxer-III, Y (EU6)), (Partner-IV, E), (Rifter, E), (Traveller, V)

| **Actuators** | (2008, CU), (208, U), (3008, 0U), (308, F), (5008, 0A), (Boxer-III, Y (EU6)), (Partner-IV, E), (Rifter, E), (Traveller, V)

| **Basic settings** | Regenerating the soot particulate filter ((Boxer-III, Y (EU6)))

Adapting the accelerator sensor ((208, U))

Initializing the DeNOx system ((5008, 0A), (Boxer-III, Y (EU6)), (Traveller, V), (308, F))

Replacing/filling the regeneration additive container ((5008, 0A))

De-calibrating the longitudinal/lateral acceleration sensor ((Boxer-III, Y (EU6)))

Resetting learned values of steering angle sensor ((5008, 0A))

Uninstalling/installing the rear brake linings ((5008, 0A))

Calibrating the night vision assist ((Partner-IV, E), (308, F))

Replacing the lean NOx catalyst ((208, U))

Replacing transmission components ((5008, 0A), (Partner-IV, E), (Traveller, V), (308, F))

Initializing the rotor position sensor ((Partner-IV, E))

Bleeding the regeneration additive pump/line ((Rifter, E))

Removing/installing the gear selector lever ((5008, 0A), (Partner-IV, E), (Traveller, V), (308, F))

Cleaning EGR valve ((Rifter, E), (308, F))

Replacing the regeneration additive container ((Rifter, E))

Reactivating the emergency brake assistant ((5008, 0A), (3008, 0U), (208, U), (Partner-IV, E), (Traveller, V), (308, F))

Bleeding the ABS/ESC system ((5008, 0A), (Rifter, E), (208, U), (Partner-IV, E), (Traveller, V), (308, F))

Calibrating the camera ECU ((5008, 0A), (3008, 0U), (Rifter, E), (208, U), (Partner-IV, E), (Traveller, V), (308, F))

Bleeding the fuel system ((308, F))

Activating the start/stop function ((5008, 0A), (Rifter, E), (208, U), (Traveller, V), (308, F))

Resetting headlight leveling adaptation values ((208, U), (308, F))

Adapting the emergency brake assistant ((5008, 0A), (3008, 0U), (2008, CU))

Adapting the turbocharger controller ((308, F))

Resetting the knock counter ((5008, 0A), (3008, 0U), (2008, CU), (208, U))

Replacing the exhaust manifold ((208, U))

Reconnecting the battery ((308, F))

Adapting the turbine wheel shut-off valve ((208, U))

Bleeding the fuel presupply system ((308, F))

Fill the DEF tank ((Boxer-III, Y (EU6)))

Adapting the clutch assembly ((208, U))

Resetting the misfire counter ((5008, 0A), (3008, 0U), (2008, CU), (208, U))

Replace brake parts ((5008, 0A), (3008, 0U), (208, U), (Traveller, V), (308, F), (Partner-IV, E))

Unlocking the airbag ECU ((5008, 0A), (3008, 0U), (2008, CU), (Rifter, E), (208, U), (Partner-IV, E), (Traveller, V), (308, F))

Replacing engine parts ((5008, 0A), (Rifter, E), (Boxer-III, Y (EU6)), (Traveller, V))

Initializing the rotation rate/acceleration sensor ((5008, 0A), (3008, 0U), (2008, CU))

Initialising adaptive functions ((5008, 0A), (3008, 0U), (2008, CU), (Partner-IV, E), (308, F))

Initializing the A/C flap actuators ((5008, 0A), (3008, 0U), (2008, CU), (Rifter, E), (208, U), (Partner-IV, E), (Traveller, V), (308, F))

Replacing brake parts of rear axle ((Rifter, E), (Partner-IV, E), (308, F))

Initializing the longitudinal/lateral acceleration sensor ((Boxer-III, Y (EU6)))

Calibrating the radar sensor ((5008, 0A), (3008, 0U), (Traveller, V), (Partner-IV, E))

Adjusting the headlights ((5008, 0A), (3008, 0U), (2008, CU))

Calibrating the cornering light ((Partner-IV, E), (308, F))

Leaving the ECO mode ((5008, 0A), (3008, 0U), (2008, CU), (Rifter, E), (208, U), (Partner-IV, E), (Traveller, V), (308, F))

Bleeding the cooling system ((308, F), (Partner-IV, E))

Replacing the particle filter ((Rifter, E), (208, U))

Initializing the EGR valve ((5008, 0A), (Boxer-III, Y (EU6)), (Traveller, V), (308, F))

Filling the cooling system ((Partner-IV, E))

Initializing the lane departure warning sensors ((5008, 0A))

Regenerating the soot particulate filter at standstill ((208, U))

Learning the turbocharger ((208, U))

Initializing the transmission selector actuator ((5008, 0A), (Partner-IV, E), (Traveller, V), (308, F))

Adapting the clutch biting point ((5008, 0A), (3008, 0U), (2008, CU))

Resetting the diesel exhaust fluid level ((5008, 0A), (Boxer-III, Y (EU6)), (Traveller, V), (308, F))

Replace auxiliary drive belt ((308, F))

Resetting the counter of fragrance cartridge block ((208, U), (308, F))

Performing transmission adaptations ((5008, 0A), (3008, 0U), (2008, CU))

Learning the turbocharger ((5008, 0A), (Rifter, E), (Traveller, V))

Learning the throttle valve ((208, U))

Initializing the power window anti-pinch protection ((5008, 0A), (3008, 0U), (Rifter, E))

Regenerating the DeNOx catalyst ((Rifter, E))

Initializing the air metering system ((5008, 0A), (Boxer-III, Y (EU6)), (Traveller, V), (308, F))

Replace the parking brake Bowden cables. ((5008, 0A))

Replace the battery. ((208, U), (308, F))

Cleaning the EGR cooler switchover valve ((308, F))

Configuring the lane change assist ((Boxer-III, Y (EU6)))

Replace cylinder head ((208, U))

Learning the injection valve ((208, U))

Initializing the night vision camera ECU ((Partner-IV, E), (308, F))

Initializing the rain/light sensor ((5008, 0A), (3008, 0U), (2008, CU), (Rifter, E), (208, U), (Partner-IV, E), (Traveller, V), (308, F))

Learning the flywheel ((208, U))

Filling the regeneration additive container ((5008, 0A), (Rifter, E), (Traveller, V))

Locking the airbag ECU ((5008, 0A), (3008, 0U), (2008, CU), (Rifter, E), (208, U), (Partner-IV, E), (Traveller, V), (308, F))

Deactivating the torque limitation ((5008, 0A), (3008, 0U), (2008, CU), (208, U))

Initialize starter ((208, U))

Emptying/filling the diesel exhaust fluid tank ((5008, 0A), (Rifter, E), (Boxer-III, Y (EU6)), (Traveller, V))

Calibrating the steering-angle sensor ((5008, 0A), (3008, 0U), (Rifter, E))

Learning the steering-angle sensor ((5008, 0A), (3008, 0U), (2008, CU), (208, U), (Boxer-III, Y (EU6)), (Partner-IV, E), (Traveller, V), (308, F))

Regenerating the soot particulate filter ((5008, 0A), (Rifter, E), (Traveller, V), (308, F))

ECU of high-voltage safety shutdown ((Partner-IV, E))

Adapting the longitudinal acceleration sensor ((5008, 0A), (3008, 0U), (Rifter, E), (208, U), (Partner-IV, E), (Traveller, V), (308, F))

Special bleeding ((5008, 0A), (3008, 0U), (2008, CU))

Initializing the alternator ((208, U))

Initializing the fuel level ((5008, 0A), (3008, 0U), (2008, CU), (Rifter, E), (208, U), (Partner-IV, E), (Traveller, V), (308, F))

Draining the cooling system ((Partner-IV, E))

Initializing the wipers ((5008, 0A))

Calibrating the rearview camera/all-round vision camera ((5008, 0A), (Partner-IV, E), (308, F))

| **Codings**

Coding the trailer hitch ((5008, 0A), (3008, 0U), (2008, CU), (Rifter, E), (208, U), (Partner-IV, E), (Traveller, V), (308, F))

Coding the intrusion monitoring ((5008, 0A), (3008, 0U), (2008, CU), (Traveller, V), (Partner-IV, E))

Coding the regeneration additive quantity ((5008, 0A))

Deactivating/activating the transport mode ((5008, 0A), (3008, 0U), (2008, CU), (208, U), (Partner-IV, E), (Traveller, V), (308, F))

Coding the keys ((5008, 0A), (3008, 0U), (2008, CU), (208, U), (Boxer-III, Y (EU6)), (Partner-IV, E), (Traveller, V), (308, F))

Locking the airbag ECU ((Rifter, E), (Partner-IV, E), (308, F))

Coding transmission readings ((5008, 0A), (3008, 0U), (2008, CU))

Coding the remote control ((5008, 0A), (3008, 0U), (2008, CU))

Coding the wheel valves ((5008, 0A))

Coding the trailer hitch ((Boxer-III, Y (EU6)))

Coding injectors ((5008, 0A), (Boxer-III, Y (EU6)), (Traveller, V))

Unlocking the airbag ECU ((Rifter, E), (Partner-IV, E), (308, F))

Coding ECUs ((Boxer-III, Y (EU6)))

Coding the VIN ((Traveller, V), (Partner-IV, E))

Coding the demanded tyre pressue ((Boxer-III, Y (EU6)))

Registering the battery ((5008, 0A), (3008, 0U), (2008, CU), (Rifter, E), (208, U), (Partner-IV, E), (Traveller, V), (308, F))

Coding the body control module ((5008, 0A))

Coding the alarm sound ((5008, 0A), (3008, 0U), (2008, CU), (Rifter, E), (Partner-IV, E), (Traveller, V), (308, F))

| **Service resets** | (2008, CU), (208, U), (3008, 0U), (308, F), (5008, 0A), (Boxer-III, Y (EU6)), (Partner-IV, E), (Rifter, E), (Traveller, V) |

| **DoIP/CANDoIP/CAN** | |
| **Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X** | |

| **Cyber Security Management (CSM)Cyber Security Management (CSM)** | |
| **Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management** | |

Polestar

Trouble codes	(Polestar 2, V)
Parameters	(Polestar 2, V)
Actuators	
Basic settings	

| Codings

| Service resets

| DoIP/CANDoIP/CAN

| Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X

| Cyber Security Management (CSM)Cyber Security Management (CSM) — (Polestar 2, V)

| Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management

Porsche

| **Trouble codes** — (911 (991), 991), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB), (Panamera (971), 971)

| **Parameters** — (911 (991), 991), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB), (Panamera (971), 971)

| **Actuators** — (911 (991), 991), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB), (Panamera (971), 971)

| **Basic settings** — Initializing electric seats ((Panamera (971), 971), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB))

Performing the parking brake bedding-in drive ((911 (991), 991))

Bleeding the fuel system ((911 (991), 991))

Burning off aux. heater/independent car heater ((Panamera (971), 971), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB))

Standardizing the liftgate ((Panamera (971), 971), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB))

Learning the steering-angle sensor ((Panamera (971), 971), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB))

Learning the throttle valve ((Cayman 718 (982), 982), (Boxster 718 (982), 982))

Performing engine adaptations ((911 (991), 991), (Panamera (971), 971))

Adjust clearance of parking brake ((911 (991), 991))

Initializing the adaptive cruise control sensor ((911 (991), 991))

Initializing the adaptive cruise control ((Panamera (971), 971), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB))

Reducing fuel high pressure ((Panamera (971), 971))

Calibrating the front camera ((911 (991), 991))

Resetting self-adaptation parameters ((Panamera (971), 971))

Parking brake maintenance work ((Panamera (971), 971), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB))

Adapting oil pressure for engine run-in ((Panamera (971), 971))

Initializing the sunroof actuator ((Panamera (971), 971), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB))

Calibrating the camera ECU ((Panamera (971), 971), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB))

Adapting the fuel burning heater remote control ((Panamera (971), 971), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB))

Actuating the installation/removal position of the parking brake ((911 (991), 991))

Unlocking aux. heater/independent car heater ((Panamera (971), 971), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB))

Calibrating the parking brake ((911 (991), 991))

| **Codings**

Coding the trailer detection ((Panamera (971), 971), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB))

Registering the battery ((911 (991), 991), (Panamera (971), 971), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB))

Coding the rain/light sensor ((Panamera (971), 971), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB))

Coding the parking brake ECU ((911 (991), 991))

Deactivating/activating the transport mode ((Panamera (971), 971), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB))

| **Service resets**
(911 (991), 991), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB), (Panamera (971), 971)

| **DoIP/CANDoIP/CAN**

| **Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X**

| **Cyber Security Management (CSM)Cyber Security Management (CSM)**

| **Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management**

Renault

| **Trouble codes** | (Arkana,), (Clio-IV, R), (Clio-V, RJA), (Express, F6MA), (Fluence, LZVJ), (Kadjar, HAxx,HLxx), (Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Koleos-II, HCA), (Master-II, JV04), (Master-III, MB), (Megane-III, BZ16), (Megane-IV, RFB), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6), (Scenic-IV, R9NC), (Trafic-III, JGMM), (Zoe, FFMF) |

| **Parameters** | (Arkana,), (Clio-IV, R), (Clio-V, RJA), (Express, F6MA), (Fluence, LZVJ), (Kadjar, HAxx,HLxx), (Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Koleos-II, HCA), (Master-II, JV04), (Master-III, MB), (Megane-III, BZ16), (Megane-IV, RFB), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6), (Scenic-IV, R9NC), (Trafic-III, JGMM), (Zoe, FFMF) |

| **Actuators** | (Arkana,), (Clio-IV, R), (Clio-V, RJA), (Express, F6MA), (Fluence, LZVJ), (Kadjar, HAxx,HLxx), (Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Koleos-II, HCA), (Master-II, JV04), (Master-III, MB), (Megane-III, BZ16), (Megane-IV, RFB), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6), (Scenic-IV, R9NC), (Trafic-III, JGMM), (Zoe, FFMF) |

| **Basic settings** | Adapting the injection pump ((Kangoo-II, FW06,KW06), (Kangoo-II, FW06,KW06,FW16,FW56,KW16,KW56,KW66,KW96)) |

Adapting the camshaft ((Kangoo-II, KW02), (Kangoo-II, FW02,KW02), (Kangoo-II, KW02,FW02), (Kangoo-II, FW52,FW54,), (Kangoo-II, KW*4), (Megane-III, BZ16), (Megane-III, DZ0Z), (Megane-III,), (Clio-IV, R), (Clio-IV, BHM0))

Resetting catalyst adaptation values ((Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Koleos-II, HCAK))

Resetting oxygen sensor adaptation values ((Kangoo-II, FW06,KW06), (Kangoo-II, FW06,KW06,FW16,FW56,KW16,KW56,KW66,KW96), (Master-III, MB), (Trafic-III, JGMM), (Kangoo-II, KW16), (Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15), (Express, F6AA), (Express, F6AB))

Learning the flywheel ((Kangoo-II, KW02), (Kangoo-II, FW02,KW02), (Kangoo-II, KW02,FW02), (Kangoo-II, FW52,FW54,), (Kangoo-II, KW*4), (Megane-III, BZ16), (Kangoo-II, FW17), (Kangoo-II, FW0G), (Megane-III, DZ0Z), (Megane-III,), (Clio-IV, R), (Clio-IV, BHM0), (Koleos-II, HCAK))

Resetting the mixture adjustment ((Clio-IV, R))

Initializing the exhaust gas flap ((Kangoo-II, FW06,KW06), (Kangoo-II, FW06,KW06,FW16,FW56,KW16,KW56,KW66,KW96), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Trafic-III, JGMM), (Express, F6AA), (Express, F6AB))

Initializing the fuel high-pressure sensor ((Kangoo-II, FW52,FW54,), (Kangoo-II, KW*4))

Bleeding the ABS/ESC system ((Koleos-II, HCAK))

Resetting the diesel exhaust fluid level ((Trafic-III, JGMM), (Master-II, JV04))

Learning the lambda sensor ((Kangoo-II, KW32,FW42,KW42), (Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Kangoo-II, FW17), (Kangoo-II, None), (Kangoo-II, FW0G), (Kangoo-II, KW06,KW12,FW06,FW12), (Master-II, JV04), (Koleos-II, HCAK))

Reset learned values of intake-air flap. ((Kangoo-II, FW06,KW06), (Kangoo-II, FW06,KW06,FW16,FW56,KW16,KW56,KW66,KW96), (Trafic-III, JGMM), (Kangoo-II, KW16), (Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15), (Express, F6AA), (Express, F6AB))

Resetting the start inhibitor of DEF injection system ((Trafic-III, JGMM), (Kangoo-II, KW16), (Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15), (Master-II, JV04), (Express, F6AA), (Express, F6AB))

Adapting the diesel exhaust fluid tank ((Trafic-III, JGMM), (Master-II, JV04))

Initializing the fuel pressure sensor or the fuel rail ((Kangoo-II, FW06,KW06), (Kangoo-II, FW06,KW06,FW16,FW56,KW16,KW56,KW66,KW96), (Kangoo-II, KW32,FW42,KW42), (Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Megane-III, BZ16), (Megane-III, KZ16), (Megane-III, KZ1W), (Master-III, MB), (Fluence, LZLL,LZVV), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6), (Kangoo-II, FW17), (Kangoo-II, None), (Kangoo-II, FW0G), (Kangoo-II, KW06,KW12,FW06,FW12), (Trafic-III, JGMM), (Kangoo-II, KW16), (Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15), (Master-II, JV04), (Koleos-II, HCA), (Clio-V, RJA), (Express, F6MA), (Express, F6AA), (Express, F6AB), (Kadjar, HAxx,HLxx), (Koleos-II, HCAK), (Scenic-IV, R9NC))

Resetting the mixture adjustment ((Kangoo-II, KW02), (Kangoo-II, FW02,KW02), (Kangoo-II, KW02,FW02), (Kangoo-II, FW52,FW54,), (Kangoo-II, KW*4))

Resetting learned values of fuel pressure regulator ((Megane-III, BZ16), (Megane-III, DZ0Z), (Megane-III,), (Clio-IV, BHM0))

Initializing the differential pressure sensor ((Kangoo-II, FW06,KW06), (Kangoo-II, FW06,KW06,FW16,FW56,KW16,KW56,KW66,KW96), (Kangoo-II, KW32,FW42,KW42), (Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Megane-III, KZ1W), (Master-III, MB), (Fluence, LZLL,LZVV), (Kangoo-II, FW17), (Kangoo-II, None), (Kangoo-II, FW0G), (Kangoo-II, KW06,KW12,FW06,FW12), (Trafic-III, JGMM), (Kangoo-II, KW16), (Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15), (Master-II, JV04), (Express, F6AA), (Express, F6AB), (Koleos-II, HCAK))

Resetting catalyst adaptation values ((Kangoo-II, KW32,FW42,KW42), (Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Kangoo-II, FW17), (Kangoo-II, None), (Kangoo-II, FW0G), (Kangoo-II, KW06,KW12,FW06,FW12), (Master-II, JV04))

Resetting boost pressure controller learned values ((Kangoo-II, KW02), (Kangoo-II, FW02,KW02), (Kangoo-II, KW02,FW02), (Kangoo-II, FW52,FW54,), (Kangoo-II, KW*4), (Megane-III, BZ16), (Megane-III, DZ0Z), (Megane-III,), (Clio-IV, BHM0), (Koleos-II, HCA), (Clio-V, RJA), (Express, F6MA), (Kadjar, HAxx,HLxx), (Scenic-IV, R9NC))

Calibrate radar dynamically ((Fluence, LZVJ), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Koleos-II, HCA), (Arkana,), (Clio-V, RJA), (Express, F6AA), (Express, F6AB), (Megane-IV, RFB))

Initializing the electric coolant pump ((Zoe, FFMF), (Zoe, BFMC,BFMD))

After particulate filter replacement ((Kangoo-II, FW06,KW06), (Kangoo-II, FW06,KW06,FW16,FW56,KW16,KW56,KW66,KW96), (Kangoo-II, KW32,FW42,KW42), (Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Kangoo-II, FW17), (Kangoo-II, None), (Kangoo-II, FW0G), (Kangoo-II, KW06,KW12,FW06,FW12), (Kangoo-II, KW16), (Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15))

Resetting the mixture adjustment ((Megane-III, BZ16), (Megane-III, KZ16), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6))

Initializing the air distribution flaps ((Koleos-II, HCAK), (Scenic-IV, R9NC))

Initializing the mass airflow sensor ((Kangoo-II, KW32,FW42,KW42), (Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Megane-III, KZ1W), (Master-III, MB), (Fluence, LZLL,LZVV), (Kangoo-II, FW17), (Kangoo-II, None), (Kangoo-II, FW0G), (Kangoo-II, KW06,KW12,FW06,FW12), (Trafic-III, JGMM), (Kangoo-II, KW16), (Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15), (Master-II, JV04), (Express, F6AA), (Express, F6AB))

Initialising the boost pressure regulator ((Megane-III, BZ16), (Megane-III, KZ16), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6))

Calibrating the steering-angle sensor ((Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Master-III, MB), (Master-III, FV0M,FV0Y), (Kangoo-II, KW16), (Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15), (Master-II, JV04))

Learning the steering-angle sensor ((Fluence, LZVJ), (Megane-III, BZ16), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Zoe, FFMF), (Megane-III, DZ0Z), (Megane-III,), (Zoe, BFMC,BFMD), (Koleos-II, HCA), (Arkana,), (Clio-V, RJA), (Express, F6AA), (Express, F6AB), (Megane-IV, RFB), (Scenic-IV, R9NC))

De/activating the parking brake service mode ((Megane-III, BZ16), (Arkana,), (Clio-V, RJA), (Express, F6AA), (Express, F6AB), (Megane-IV, RFB))

Resetting learned values of NOx adsorption catalyst ((Trafic-III, JGMM), (Master-II, JV04))

Learning the steering-angle sensor ((Megane-III, BZ16), (Megane-III, KZ16), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6), (Clio-IV, R), (Trafic-III, JGMM), (Clio-IV, BHM0), (Express, F6MA), (Kadjar, HAxx,HLxx), (Koleos-II, HCAK))

Adapting the clutch assembly ((Megane-III, BZ16), (Megane-III, KZ16), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6), (Megane-III, DZ0Z), (Megane-III,), (Clio-IV, BHM0), (Koleos-II, HCA), (Express, F6MA), (Kadjar, HAxx,HLxx))

Regenerating the soot particulate filter ((Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Trafic-III, JGMM), (Kangoo-II, KW16), (Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15), (Master-II, JV04), (Koleos-II, HCA), (Clio-V, RJA), (Express, F6MA), (Express, F6AA), (Express, F6AB), (Kadjar, HAxx,HLxx), (Scenic-IV, R9NC))

Adjusting/calibrating matrix LED headlight left ((Megane-IV, RFB))

Resetting gearbox learning values ((Megane-III, BZ16))

Learning throttle valve stop ((Kangoo-II, KW02), (Kangoo-II, FW02,KW02), (Kangoo-II, KW02,FW02), (Kangoo-II, FW52,FW54,), (Kangoo-II, KW*4))

Bleeding the ABS/ESC system ((Zoe, FFMF), (Zoe, BFMC,BFMD))

Resetting learned values of camshaft sensor ((Kangoo-II, FW52,FW54,), (Kangoo-II, KW*4), (Megane-III, BZ16), (Megane-III, KZ16), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6), (Megane-III, DZ0Z), (Megane-III,), (Clio-IV, BHM0))

Initializing the starter ring gear ((Megane-III, BZ16), (Megane-III, KZ16), (Master-III, MB), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6), (Koleos-II, HCA), (Clio-V, RJA), (Express, F6MA), (Kadjar, HAxx,HLxx), (Scenic-IV, R9NC))

Regenerating the soot particulate filter ((Koleos-II, HCAK))

Initializing the diesel exhaust fluid injector ((Trafic-III, JGMM), (Master-II, JV04))

Position the 4-wheel steering in straight forward position ((Fluence, LZVJ), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Megane-IV, RFB))

Initializing the rain/light sensor ((Megane-III, BZ16), (Megane-III, DZ0Z), (Megane-III,))

Initializing the high-pressure fuel pump ((Master-III, MB))

Initializing the ride height sensor ((Megane-III, BZ16), (Koleos-II, HCAK))

Initializing the yaw rate sensor ((Koleos-II, HCA))

Initializing the fuel pump ((Master-II, JV04))

Learning throttle valve stop ((Megane-III, BZ16), (Clio-IV, BHM0), (Koleos-II, HCA), (Clio-V, RJA), (Express, F6MA), (Kadjar, HAxx,HLxx), (Scenic-IV, R9NC))

Diagnostic devices

Initializing the intake cam phaser ((Kangoo-II, KW02), (Kangoo-II, FW02,KW02), (Kangoo-II, KW02,FW02), (Koleos-II, HCA), (Clio-V, RJA), (Express, F6MA), (Kadjar, HAxx,HLxx), (Scenic-IV, R9NC))

Adjusting/calibrating matrix LED headlight right ((Megane-IV, RFB))

Initializing the intake-air flap ((Kangoo-II, KW32,FW42,KW42), (Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Kangoo-II, FW17), (Kangoo-II, None), (Kangoo-II, FW0G), (Kangoo-II, KW06,KW12,FW06,FW12), (Master-II, JV04), (Koleos-II, HCAK))

Initializing the ride height sensor ((Fluence, LZVJ), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Megane-IV, RFB), (Scenic-IV, R9NC))

Initializing the lateral acceleration sensor ((Megane-III, BZ16), (Megane-III, DZ0Z), (Megane-III,))

Resetting learned values of the low-pressure EGR valve ((Kangoo-II, FW06,KW06), (Kangoo-II, FW06,KW06,FW16,FW56,KW16,KW56,KW66,KW96))

Resetting gearbox learning values ((Megane-III, DZ0Z), (Megane-III,))

Reset learned values of intake-air flap. ((Master-III, MB))

Calibrating rear radar sensors ((Arkana,), (Clio-V, RJA), (Express, F6AA), (Express, F6AB), (Megane-IV, RFB))

Regenerating the soot particulate filter ((Master-III, MB), (Master-III, FV0M,FV0Y))

Learning the throttle valve ((Megane-III, BZ16), (Megane-III, KZ16), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6), (Megane-III, DZ0Z), (Megane-III,), (Clio-IV, R))

Resetting the mixture adjustment ((Clio-IV, BHM0))

Standardizing the liftgate ((Koleos-II, HCAK))

Reset learned values of the EGR bypass valve ((Master-III, MB))

Resetting EGR valve learning values ((Kangoo-II, FW06,KW06), (Kangoo-II, FW06,KW06,FW16,FW56,KW16,KW56,KW66,KW96), (Master-III, MB), (Trafic-III, JGMM), (Kangoo-II, KW16), (Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15), (Express, F6AA), (Express, F6AB))

Resetting learned values of steering angle sensor ((Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Megane-III, BZ16), (Megane-III, DZ0Z), (Megane-III,), (Kangoo-II, KW16), (Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15))

Resetting high-pressure fuel pump adaptation values ((Kangoo-II, FW52,FW54,), (Kangoo-II, KW*4), (Kangoo-II, KW32,FW42,KW42), (Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Megane-III, BZ16), (Megane-III, KZ16), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6), (Kangoo-II, FW17), (Kangoo-II, None), (Kangoo-II, FW0G), (Kangoo-II, KW06,KW12,FW06,FW12), (Trafic-III, JGMM), (Kangoo-II, KW16), (Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15), (Master-II, JV04), (Express, F6AA), (Express, F6AB), (Koleos-II, HCAK))

Initializing the exhaust gas flap ((Kangoo-II, KW32,FW42,KW42), (Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Kangoo-II, FW17), (Kangoo-II, None), (Kangoo-II, FW0G), (Kangoo-II, KW06,KW12,FW06,FW12), (Kangoo-II, KW16), (Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15))

Self-adaptation of A/C system ((Fluence, LZVJ), (Megane-III, BZ16), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Megane-III, DZ0Z), (Megane-III,), (Koleos-II, HCA), (Megane-IV, RFB))

Initializing the diesel exhaust fluid pump module ((Trafic-III, JGMM), (Master-II, JV04))

De/activating the parking brake service mode ((Fluence, LZVJ), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Megane-III, DZ0Z), (Megane-III,), (Koleos-II, HCA), (Koleos-II, HCAK), (Megane-IV, RFB), (Scenic-IV, R9NC))

Initializing the soot particulate filter upon replacement ((Megane-III, KZ1W), (Master-III, MB), (Fluence, LZLL,LZVV), (Trafic-III, JGMM), (Master-II, JV04), (Koleos-II, HCA), (Clio-V, RJA), (Express, F6MA), (Express, F6AA), (Express, F6AB), (Kadjar, HAxx,HLxx), (Koleos-II, HCAK), (Scenic-IV, R9NC))

Adapting the variable camshaft timing ((Megane-III, BZ16), (Megane-III, KZ16), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6))

De-energizing the hybrid/electric vehicle ((Zoe, FFMF), (Zoe, BFMC,BFMD))

Resetting learned values of fuel pressure regulator ((Kangoo-II, KW02), (Kangoo-II, FW02,KW02), (Kangoo-II, KW02,FW02))

Calibrating the camera ECU ((Fluence, LZVJ), (Megane-III, BZ16), (Megane-III, KZ1W), (Master-III, MB), (Fluence, LZLL,LZVV), (Megane-III, DZ0Z), (Megane-III,), (Master-III, FV0M,FV0Y), (Master-II, JV04), (Koleos-II, HCA), (Arkana,), (Clio-V, RJA), (Express, F6AA), (Express, F6AB), (Megane-IV, RFB))

Initializing the EGR valve ((Kangoo-II, KW32,FW42,KW42), (Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Kangoo-II, FW17), (Kangoo-II, None), (Kangoo-II, FW0G), (Kangoo-II, KW06,KW12,FW06,FW12), (Master-II, JV04), (Koleos-II, HCAK))

Bleeding the ABS hydraulic unit ((Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Megane-III, BZ16), (Megane-III, KZ16), (Master-III, MB), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6), (Megane-III, DZ0Z), (Megane-III,), (Clio-IV, R), (Master-III, FV0M,FV0Y), (Kangoo-II, KW16), (Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15), (Master-II, JV04), (Clio-IV, BHM0), (Arkana,), (Clio-V, RJA), (Express, F6MA), (Express, F6AA), (Express, F6AB), (Kadjar, HAxx,HLxx), (Megane-IV, RFB))

Initializing the exhaust cam phaser ((Kangoo-II, KW02), (Kangoo-II, FW02,KW02), (Kangoo-II, KW02,FW02))

Bleeding the brake system ((Koleos-II, HCA))

Unlocking aux. heater/independent car heater ((Trafic-III, JGMM))

Calibrating the camera and radar system ((Koleos-II, HCAK), (Scenic-IV, R9NC))

Reset low-pressure EGR learned values ((Kangoo-II, KW32,FW42,KW42), (Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Kangoo-II, FW17), (Kangoo-II, None), (Kangoo-II, FW0G), (Kangoo-II, KW06,KW12,FW06,FW12), (Trafic-III, JGMM), (Kangoo-II, KW16), (Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15), (Express, F6AA), (Express, F6AB))

Resetting starter learning values ((Kangoo-II, KW32,FW42,KW42), (Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Kangoo-II, None), (Kangoo-II, KW06,KW12,FW06,FW12), (Trafic-III, JGMM), (Koleos-II, HCA), (Clio-V, RJA), (Express, F6MA), (Express, F6AA), (Express, F6AB), (Kadjar, HAxx,HLxx), (Koleos-II, HCAK), (Scenic-IV, R9NC))

| **Codings**

Coding the trailer hitch ((Scenic-IV, R9NC))

Coding the language version ((Fluence, LZVJ), (Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Megane-III, BZ16), (Megane-III, KZ1W), (Master-III, MB), (Fluence, LZLL,LZVV), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6), (Megane-III, DZ0Z), (Megane-III,), (Clio-IV, R), (Master-III, FV0M,FV0Y), (Trafic-III, JGMM), (Kangoo-II, KW16),

(Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15), (Master-II, JV04), (Koleos-II, HCA), (Arkana,), (Clio-V, RJA), (Express, F6MA), (Express, F6AA), (Express, F6AB), (Kadjar, HAxx,HLxx), (Koleos-II, HCAK), (Megane-IV, RFB), (Scenic-IV, R9NC))

Coding instrument cluster units ((Fluence, LZVJ), (Megane-III, BZ16), (Megane-III, KZ16), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6), (Clio-IV, R), (Trafic-III, JGMM), (Clio-IV, BHM0), (Koleos-II, HCA), (Arkana,), (Clio-V, RJA), (Express, F6MA), (Express, F6AA), (Express, F6AB), (Kadjar, HAxx,HLxx), (Koleos-II, HCAK), (Megane-IV, RFB), (Scenic-IV, R9NC))

Coding the wheel valves ((Megane-III, BZ16))

Locking the airbag ECU ((Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Kangoo-II, KW16), (Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15))

Registering the battery ((Megane-III, BZ16), (Megane-III, DZ0Z), (Megane-III,))

Coding the tire size ((Fluence, LZVJ), (Megane-III, BZ16), (Megane-III, KZ16), (Megane-III, KZ1W), (Master-III, MB), (Fluence, LZLL,LZVV), (Zoe, FFMF), (Zoe, BFMC,BFMD), (Master-III, FV0M,FV0Y), (Trafic-III, JGMM), (Master-II, JV04), (Clio-IV, BHM0), (Koleos-II, HCA), (Arkana,), (Clio-V, RJA), (Express, F6AA), (Express, F6AB), (Koleos-II, HCAK), (Megane-IV, RFB), (Scenic-IV, R9NC))

Switching on/off the automatic parking brake application ((Fluence, LZVJ), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Koleos-II, HCA), (Arkana,), (Clio-V, RJA), (Express, F6AA), (Express, F6AB), (Megane-IV, RFB))

Airbag ECU locking/unlocking ((Fluence, LZVJ), (Megane-III, BZ16), (Megane-III, KZ16), (Megane-III, KZ1W), (Master-III, MB), (Fluence, LZLL,LZVV), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6), (Zoe, FFMF), (Megane-III, DZ0Z), (Megane-III,), (Zoe, BFMC,BFMD), (Clio-IV, R), (Master-III, FV0M,FV0Y), (Trafic-III, JGMM), (Master-II, JV04), (Clio-IV, BHM0), (Koleos-II, HCA), (Arkana,), (Clio-V, RJA), (Express, F6MA), (Express, F6AA), (Express, F6AB), (Kadjar, HAxx,HLxx), (Koleos-II, HCAK), (Megane-IV, RFB), (Scenic-IV, R9NC))

Coding the wheel sets (summer/winter) ((Megane-III, BZ16), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6), (Megane-III, DZ0Z), (Megane-III,), (Clio-IV, R), (Express, F6MA), (Kadjar, HAxx,HLxx))

Coding the wheel valves ((Megane-III, DZ0Z), (Megane-III,))

Adapting the trailer hitch to advanced driver assistance systems ((Fluence, LZVJ), (Megane-III, KZ1W), (Master-III, MB), (Fluence, LZLL,LZVV), (Zoe, FFMF), (Zoe, BFMC,BFMD), (Master-III, FV0M,FV0Y), (Master-II, JV04), (Koleos-II, HCA), (Arkana,), (Clio-V, RJA), (Express, F6AA), (Express, F6AB), (Koleos-II, HCAK), (Megane-IV, RFB), (Scenic-IV, R9NC))

Coding injectors ((Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Megane-III, KZ1W), (Master-III, MB), (Fluence, LZLL,LZVV), (Master-III, FV0M,FV0Y), (Trafic-III, JGMM), (Kangoo-II, KW16), (Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15), (Master-II, JV04), (Express, F6AA), (Express, F6AB), (Koleos-II, HCAK))

Coding the country version ((Fluence, LZVJ), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Koleos-II, HCA), (Koleos-II, HCAK), (Megane-IV, RFB), (Scenic-IV, R9NC))

Unlocking the airbag ECU ((Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Kangoo-II, KW16), (Kangoo-II, FW17,KW17), (Kangoo-II, FW15,KW15))

Coding the language version ((Megane-III, BZ16), (Megane-III, KZ16), (Clio-IV, BHM0))

De/activating the trailer hitch ((Fluence, LZVJ), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Koleos-II, HCA), (Koleos-II, HCAK), (Megane-IV, RFB))

Code trailer stability program ((Fluence, LZVJ), (Megane-III, KZ1W), (Fluence, LZLL,LZVV), (Trafic-III, JGMM), (Megane-IV, RFB), (Scenic-IV, R9NC))

Service resets	(Clio-IV, R), (Express, F6MA), (Fluence, LZVJ), (Kadjar, HAxx,HLxx), (Kangoo-II, KWS8,KWE8,KWR8,FWG8), (Koleos-II, HCA), (Master-III, MB), (Megane-III, BZ16), (Megane-IV, RFB), (Scenic-III, JZ0Y,JZ16,JZ1Y,JZD6,JZ0Z,JZ11,JZ1Z,JZ1D,JZ16,JZ0Y,JZ1Y,JZD6), (Scenic-IV, R9NC), (Trafic-III, JGMM)

DoIP/CANDoIP/CAN	
Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X	

Cyber Security Management (CSM)Cyber Security Management (CSM)	(Arkana,), (Clio-V, RJA), (Express, F6AA), (Express, F6AB), (Megane-IV, RFB)
Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management	

Seat

Trouble codes	(Ateca, KH), (Exeo, 3R), (Ibiza, KJ), (Leon, 5F), (Leon, KL)
Parameters	(Ateca, KH), (Exeo, 3R), (Ibiza, KJ), (Leon, 5F), (Leon, KL)
Actuators	(Arona, KJ), (Ateca, KH), (Exeo, 3R), (Ibiza, KJ), (Leon, 5F), (Leon, KL)
Basic settings	Initializing electric seats ((Ateca, KH), (Leon, KL))
	Initializing the adaptive cruise control ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))
	Filling fuel lines of parking heater/auxiliary heater ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))
	Resetting the start inhibitor of DEF injection system ((Ateca, KH), (Leon, KL))
	Regenerating the soot particulate filter ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))
	Bleeding the fuel system ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))
	Resetting engine adaptation values ((Leon, 5F))
	Initializing the ESC sensors ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))
	Reset learned values of injectors. ((Ibiza, KJ))
	Adapting the electronic damper control ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))
	Adjust headlight with/without dynamic light control (DLA) ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))
	Burning off aux. heater/independent car heater ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))
	Regenerating the soot particulate filter ((Ateca, KH), (Leon, KL))

Performing transmission adaptations ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

Initializing the seat belt tensioner ECU ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

Performing engine adaptations ((Leon, 5F), (Ateca, KH), (Leon, KL))

Standardizing the liftgate ((Ateca, KH), (Leon, KL))

Adapting the soot particulate filter ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

Learning the steering-angle sensor ((Ateca, KH), (Leon, KL))

Learning the throttle valve ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

Learning the steering-angle sensor ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

Initializing the tilt/slide sunroof ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

Activating the roller test stand mode ((Ateca, KH), (Leon, KL))

Initializing the brake-pressure sensor ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

Initialising the boost pressure regulator ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

Resetting the warning message of DEF injection system ((Leon, 5F))

Resetting learned values of DEF injection system ((Leon, 5F))

Unlocking aux. heater/independent car heater ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

Initializing the adaptive cruise control ((Ateca, KH), (Leon, KL))

Performing the initial run-in of the air conditioning compressor ((Leon, 5F), (Tarraco, KN), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

Retracting parking brake ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

Special bleeding ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

Reducing fuel high pressure ((Ibiza, KJ))

Initializing the A/C flap actuators ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

Initializing the alternator ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

Checking and resetting wear values of AWD clutch fluid ((Leon, KL))

Activating the retrofitted parking heater ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

Adapting the exhaust gas pressure sensor ((Leon, 5F))

Initializing the oxidation catalyst ((Ateca, KH), (Leon, KL))

Initializing the 4WD clutch oil pump ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

Resetting the diesel exhaust fluid level ((Ateca, KH), (Leon, KL))

Resetting the impact mode ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

Initializing the neutral position sensor ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

Initializing the clutch pedal position ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

Adapting the radiator shutter ((Ibiza, KJ))

Calibrating the parking brake ((Ateca, KH), (Leon, KL))

Adjusting the headlights ((Ateca, KH), (Leon, KL))

Adapting oil pressure for engine run-in ((Leon, 5F), (Ateca, KH))

Bleeding the cooling system ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

Calibrating the camera ECU ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

Adapting the fuel burning heater remote control ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

Extending parking brake ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

Adapting the DEF injection system ((Leon, 5F))

Unlocking aux. heater/independent car heater ((Leon, 5F), (Ateca, KH), (Leon, KL))

Calibrating the parking brake ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

Calibrating the tire pressure monitoring system ((Altea, 5P), (Leon, 1P), (Toledo, 5P))

| **Codings** | Adjust parking assistance volume ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

General ECU replacement ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

Coding the language version ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

Registering the battery ((Mii, KF), (Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

Expert mode ECU coding ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

Coding the rain/light sensor ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

Deactivating/activating the transport mode ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

Coding the trailer detection ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

Coding the steering-column module ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

Replacing the headlight/power module ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

De-/activating the cruise control ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

Adapting the trailer hitch to advanced driver assistance systems ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

Coding injectors ((Leon, 5F), (Ateca, KH), (Leon, KL))

De/activating the trailer hitch ((Leon, 5F), (Ibiza, KJ), (Ateca, KH), (Leon, KL))

Coding the gateway installation list ((Leon, 5F), (Ibiza, KJ), (Ateca, KH))

| **Service resets** | (Ateca, KH), (Ibiza, KJ), (Leon, 5F), (Leon, KL)

| **DoIP/CANDoIP/CAN**

| **Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X**

| **Cyber Security Management (CSM)Cyber Security Management (CSM)** | (Leon, KL), (Ateca, KH)

| **Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management**

Skoda

| **Trouble codes**   (Karoq, NU), (Octavia, NX), (Superb, 3V)

| **Parameters**   (Karoq, NU), (Octavia, NX), (Superb, 3V)

| **Actuators**   (Fabia, PJ), (Kamiq, NW), (Karoq, NU), (Octavia, NX), (Scala, NW), (Superb, 3V)

| **Basic settings**   Initializing electric seats ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Initializing the adaptive cruise control ((Superb, 3V), (Octavia, NX))

Filling fuel lines of parking heater/auxiliary heater ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Resetting the start inhibitor of DEF injection system ((Karoq, NU))

Regenerating the soot particulate filter ((Superb, 3V), (Karoq, NU))

Resetting engine adaptation values ((Superb, 3V), (Octavia, NX))

Initializing the ESC sensors ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Adapting the electronic damper control ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Bleeding the fuel system ((Superb, 3V), (Karoq, NU))

Burning off aux. heater/independent car heater ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Performing transmission adaptations ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Initializing the seat belt tensioner ECU ((Superb, 3V), (Octavia, NX))

Initializing the tilt/slide sunroof ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Standardizing the liftgate ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Initialize actuator of coolant temperature control ((Octavia, NX))

Adapting the soot particulate filter ((Superb, 3V), (Karoq, NU))

Learning the steering-angle sensor ((Karoq, NU))

Learning the throttle valve ((Octavia, NX))

Learning the steering-angle sensor ((Superb, 3V), (Octavia, NX))

Performing engine adaptations ((Superb, 3V), (Karoq, NU))

Initializing the brake-pressure sensor ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Resetting the warning message of DEF injection system ((Superb, 3V))

Resetting learned values of DEF injection system ((Superb, 3V))

Initializing the adaptive cruise control ((Karoq, NU))

Performing the initial run-in of the air conditioning compressor ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Retracting parking brake ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Special bleeding ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Reducing fuel high pressure ((Octavia, NX))

Initializing the A/C flap actuators ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Initializing the alternator ((Superb, 3V), (Octavia, NX))

Activating the retrofitted parking heater ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Initializing the oxidation catalyst ((Karoq, NU))

Initializing the 4WD clutch oil pump ((Superb, 3V), (Octavia, NX))

Resetting the diesel exhaust fluid level ((Karoq, NU))

Resetting timing chain adaptation values ((Octavia, NX))

Resetting the impact mode ((Superb, 3V), (Octavia, NX))

Initializing the neutral position sensor ((Superb, 3V), (Octavia, NX))

Initializing the clutch pedal position ((Superb, 3V), (Octavia, NX))

Calibrating the parking brake ((Karoq, NU))

Adjusting the headlights ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Adapting oil pressure for engine run-in ((Superb, 3V), (Octavia, NX))

Bleeding the cooling system ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Calibrating the camera ECU ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Adapting the fuel burning heater remote control ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Extending parking brake ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Adapting the DEF injection system ((Superb, 3V))

Unlocking aux. heater/independent car heater ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Activating the roller test stand mode ((Karoq, NU))

Calibrating the parking brake ((Superb, 3V), (Octavia, NX))

| **Codings** | Adjust parking assistance volume ((Superb, 3V), (Karoq, NU), (Octavia, NX))

General ECU replacement ((Superb, 3V), (Octavia, NX))

Coding the language version ((Superb, 3V), (Octavia, NX))

Registering the battery ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Expert mode ECU coding ((Superb, 3V), (Octavia, NX))

Coding the rain/light sensor ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Deactivating/activating the transport mode ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Coding the trailer detection ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Coding the steering-column module ((Superb, 3V), (Octavia, NX))

Replacing the headlight/power module ((Octavia, NX))

De-/activating the cruise control ((Octavia, NX))

Adapting the trailer hitch to advanced driver assistance systems ((Superb, 3V), (Octavia, NX))

Coding the radio remote control ((Octavia, NX))

Coding injectors ((Superb, 3V), (Karoq, NU))

De/activating the trailer hitch ((Superb, 3V), (Karoq, NU), (Octavia, NX))

Coding the gateway installation list ((Superb, 3V), (Octavia, NX))

| **Service resets** | (Karoq, NU), (Octavia, NX), (Superb, 3V)

| DoIP/CANDoIP/CAN

| Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X

| Cyber Security Management (CSM)Cyber Security Management (CSM)   (Karoq, NU), (Octavia, NX)

| Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management

Subaru

| Trouble codes   (Forester, SHS), (Impreza, G5), (Legacy/Outback, BS), (Levorg, V1), (WRX, V1), (XV, G5)

| Parameters   (Forester, SHS), (Impreza, G5), (Legacy/Outback, BS), (Levorg, V1), (WRX, V1), (XV, G5)

| Actuators   (Forester, SHS), (Impreza, G5), (Levorg, V1), (WRX, V1), (XV, G5)

| Basic settings   Initializing the rain/light sensor ((Impreza, G5), (Impreza, GK), (XV, G5))

Initializing the high-pressure fuel pump ((Forester, SHS))

De/activating the parking brake service mode ((Forester, SHS), (Forester, SK), (Impreza, G5), (XV, G5))

Initializing the air distribution flaps ((Legacy/Outback, BS), (Impreza, G5), (Impreza, GK), (XV, G5), (Levorg, V1))

Learning the turbocharger ((Forester, SHS))

Initializing the soot particulate filter upon replacement ((Forester, SHS))

Learning the steering-angle sensor ((Legacy/Outback, BS), (Forester, SHS), (WRX, V1), (Levorg, V1))

Resetting the rain/light sensor ((Forester, SHS), (WRX, V1), (Levorg, V1))

De/activating the parking brake service mode ((Impreza, GK), (XV, G5))

Calibrating the camera ECU ((Legacy/Outback, BS), (Forester, SHS), (Impreza, G5), (Impreza, GK), (XV, G5), (Levorg, V1))

Regenerating the soot particulate filter ((Forester, SHS))

Adapting the injection quantity ((Forester, SHS))

Resetting starter learning values ((Forester, SHS), (WRX, V1), (Impreza, G5), (Levorg, V1), (XV, G5))

| Codings   Coding injectors ((Forester, SHS))

| **Service resets** | (Forester, SHS) |

| **DoIP/CANDoIP/CAN** | |
| **Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X** | |

| **Cyber Security Management (CSM)Cyber Security Management (CSM)** | |
| **Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management** | |

Suzuki

Trouble codes	(Swift, AZ), (Swift, MZ), (SX4, JY)
Parameters	(Swift, AZ), (Swift, MZ), (SX4, JY)
Actuators	(Swift, AZ), (Swift, MZ), (SX4, JY)
Basic settings	Learning the throttle valve ((Swift, MZ))
	Calibrating the front camera ((Swift, AZ), (SX4, JY))
	Calibrating the steering-angle sensor ((Swift, MZ))
	Calibrating the radar sensor ((Swift, AZ), (SX4, JY))
	Initializing the electronic stability control sensors ((Swift, AZ), (SX4, JY))
	Registering the front radar sensor ((Swift, AZ), (SX4, JY))
	Configuring the lane change assist ((Swift, AZ), (Vitara, LY))
	Initializing ride height sensors ((Swift, AZ), (SX4, JY))
	Initializing the neutral position sensor ((Swift, AZ), (SX4, JY))
Codings	Coding the remote control ((Swift, MZ))
Service resets	(Swift, AZ), (Swift, MZ), (SX4, JY)

| DoIP/CANDoIP/CAN

| **Capable for diagnostics
only with mega macs
XCapable for diagnostics
only with mega macs X**

| Cyber Security
Management (CSM)Cyber
Security Management
(CSM)

| **Capable for diagnostics
only with Cyber Security
ManagementCapable for
diagnostics only with
Cyber Security
Management**

Toyota

	Trouble codes	(Avensis, ZRT271), (Corolla, MZEA12), (Corolla, ZWE211), (Highlander, AXUH78), (Proace, MDZ), (Yaris, KSP211)
	Parameters	(Avensis, ZRT271), (Corolla, MZEA12), (Corolla, ZWE211), (Highlander, AXUH78), (Proace, MDZ), (Yaris, KSP211)
	Actuators	(Corolla, MZEA12), (Corolla, ZWE211), (Highlander, AXUH78), (Proace, MDZ), (Yaris, KSP211)
	Basic settings	Initializing the transmission selector actuator ((Proace, MDZ))

Resetting parking brake adaptation values ((Yaris, MXPH10,MXPH11), (Yaris, MXPA11), (Highlander, AXUH78), (RAV 4, AXAP54), (Camry, GSV70), (C-HR, MAXH10), (Yaris, MXPB10), (Yaris, MXPJ10), (Yaris, MXPJ15))

Initializing the rain/light sensor ((Proace, MDZ))

Filling the regeneration additive container ((Proace, MDZ))

Locking the airbag ECU ((Proace, MDZ))

Resetting the diesel exhaust fluid level ((Proace, MDZ))

Learning the throttle valve ((Yaris, KSP211))

Initializing the DeNOx system ((Proace, MDZ))

Replacing the regeneration additive pump ((Proace, MDZ))

Initializing the yaw rate sensor ((Camry, GSV70), (C-HR, MAXH10), (Corolla, MZEA12), (Highlander, AXUH78), (Yaris, KSP211), (Corolla, ZWE211))

Adapting the longitudinal acceleration sensor ((Proace, MDZ))

Deactivating the electronic stability control ((Highlander, AXUH78), (Yaris, KSP211))

Learning the turbocharger ((Proace, MDZ))

Learning the steering-angle sensor ((Proace, MDZ), (RAV 4, MXAA54), (RAV 4, MXAA52), (Yaris, MXPH10,MXPH11), (Yaris, MXPA11), (Corolla, MZEA12), (Highlander, AXUH78), (Yaris, KSP211), (Corolla, ZWE211))

De/activating the parking brake service mode ((Yaris, MXPH10,MXPH11), (Yaris, MXPA11), (Highlander, AXUH78), (RAV 4, AXAP54), (Camry, GSV70), (C-HR, MAXH10), (Yaris, MXPB10), (Yaris, MXPJ10), (Yaris, MXPJ15))

Replacing transmission components ((Proace, MDZ))

Regenerating the soot particulate filter ((Proace, MDZ))

Resetting adaptation values of ABS ECU ((Camry, GSV70), (C-HR, MAXH10), (Corolla, MZEA12), (Highlander, AXUH78), (Corolla, ZWE211))

Bleeding the ABS hydraulic unit ((Yaris, KSP211))

Unlocking the airbag ECU ((Proace, MDZ))

Bleeding the regeneration additive pump/line ((Proace, MDZ))

Initializing the air metering system ((Proace, MDZ))

Removing/installing the gear selector lever ((Proace, MDZ))

Initializing the A/C flap actuators ((Proace, MDZ), (Corolla, MZEA12), (Yaris, KSP211), (Corolla, ZWE211))

Calibrating the radar sensor ((Corolla, MZEA12), (Highlander, AXUH78), (Corolla, ZWE211))

Bleeding the brake system ((Corolla, MZEA12), (Highlander, AXUH78), (Corolla, ZWE211))

Replacing brake parts of rear axle ((Proace, MDZ))

Configuring the lane change assist ((Corolla, MZEA12), (Highlander, AXUH78), (Corolla, ZWE211))

Initializing the fuel level ((Proace, MDZ))

Registering the parking assist ((Corolla, MZEA12), (Corolla, ZWE211))

Service mode (engine immobilizer can be deactivated > gasoline engine runs) ((Corolla, MZEA12), (Corolla, ZWE211))

Calibrating the parking brake ((Yaris, MXPH10,MXPH11), (Yaris, MXPA11), (Highlander, AXUH78), (RAV 4, AXAP54), (Camry, GSV70), (C-HR, MAXH10), (Yaris, MXPB10), (Yaris, MXPJ10), (Yaris, MXPJ15))

Bleeding the ABS/ESC system ((Proace, MDZ))

Leaving the ECO mode ((Proace, MDZ))

De/activating the parking brake service mode ((Corolla, MZEA12), (Highlander, AXUH78), (Corolla, ZWE211))

Emptying/filling the diesel exhaust fluid tank ((Proace, MDZ))

Calibrating the camera ECU ((Proace, MDZ), (Avensis, ZRT271), (Corolla, MZEA12), (Highlander, AXUH78), (Yaris, KSP211), (Corolla, ZWE211))

Initializing the EGR valve ((Proace, MDZ))

Activating the start/stop function ((Proace, MDZ))

Replacing engine parts ((Proace, MDZ))

Initializing ride height sensors ((Corolla, MZEA12), (Highlander, AXUH78), (Corolla, ZWE211))

Codings

Coding the trailer hitch ((Proace, MDZ))

Coding the intrusion monitoring ((Proace, MDZ))

Coding injectors ((Proace, MDZ))

Coding the interior lighting ((Yaris, KSP211))

Coding the tire pressure check ((Highlander, AXUH78))

Coding the comfort opening/closing system ((Yaris, KSP211))

Coding the wheel valves ((Avensis, ZRT271), (Corolla, MZEA12), (Yaris, KSP211), (Corolla, ZWE211))

Coding the VIN ((Proace, MDZ))

Registering the battery ((Proace, MDZ))

Configuring the key warning ((Corolla, MZEA12), (Highlander, AXUH78), (Corolla, ZWE211))

| **Service resets** | (Proace, MDZ) |

| **DoIP/CANDoIP/CAN** | |
| **Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X** | |

| **Cyber Security Management (CSM)Cyber Security Management (CSM)** | |
| **Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management** | |

Volkswagen

| **Trouble codes** | (Eos, 1F), (Golf8, CD), (Golf8, CG), (ID.3, E1), (Jetta, 16) |

| **Parameters** | (Crafter, SX), (Eos, 1F), (Golf8, CD), (Golf8, CG), (ID.3, E1), (Jetta, 16), (Passat, CB), (Transporter, ST) |

| **Actuators** | (Crafter, SX), (Eos, 1F), (Golf8, CD), (Golf8, CG), (ID.3, E1), (Jetta, 16), (Passat, CB), (Polo, AE), (Polo, AW), (T-Cross, C1), (T-Roc, A1), (T-Roc, D1), (Taigo, CS), (Transporter, ST) |

| **Basic settings** | Initializing electric seats ((Golf8, CD), (Golf8, CG), (ID.3, E1)) |

Initializing the adaptive cruise control ((ID.3, E1))

Initializing the lateral acceleration sensor ((Jetta, 16))

Filling fuel lines of parking heater/auxiliary heater ((Golf8, CD), (Golf8, CG))

Learning the steering-angle sensor ((Golf8, CD), (Golf8, CG), (ID.3, E1))

Regenerating the soot particulate filter ((Golf8, CD), (Golf8, CG))

Resetting engine adaptation values ((Golf8, CD), (Golf8, CG))

Resetting the diesel exhaust fluid level ((Touareg, 7P))

Resetting gen. ECU learning values ((Jetta, 16))

Adapting the electronic damper control ((Golf8, CD), (Golf8, CG), (ID.3, E1))

Bleeding the fuel system ((Jetta, 16))

Burning off aux. heater/independent car heater ((Jetta, 16), (Golf8, CD), (Golf8, CG))

Checking and resetting wear values of AWD clutch fluid ((Tiguan, BW), (Golf8, CD), (Tiguan, AX), (Tiguan, BJ), (Golf8, CG))

Bringing gear actuator of direct shift transmission in neutral position ((Jetta, 16))

Draining/filling the refrigerant circuit ((Golf7, BE), (Crafter, SX))

Standardizing the liftgate ((Golf8, CD), (Golf8, CG))

Resetting the warning message of diesel exhaust fluid level ((Touareg, 7P))

Resetting the start inhibitor of DEF injection system ((Touareg, 7P))

Reset learned values of injectors. ((Jetta, 16))

Learning the steering-angle sensor ((Jetta, 16))

Initializing the tilt/slide sunroof ((Jetta, 16), (Golf8, CD), (Golf8, CG))

Initializing the brake-pressure sensor ((Jetta, 16), (Golf8, CD), (Golf8, CG))

Initialising the boost pressure regulator ((Jetta, 16))

Resetting gearbox learning values ((Phaeton, 3D), (Touareg, 7L))

Adjusting the xenon headlight ((Jetta, 16))

Retracting parking brake ((Golf8, CD), (Golf8, CG), (ID.3, E1))

Performing the initial run-in of the air conditioning compressor ((Golf7, 5G), (Passat, 3G), (Passat, 36), (Golf7, BQ), (Passat, CB), (Golf8, CD), (Tiguan, AX), (Transporter, ST), (Jetta, 16), (Golf8, CG))

Initializing the adaptive cruise control ((Golf8, CD), (Golf8, CG))

Special bleeding ((Golf8, CD), (Golf8, CG))

Reducing fuel high pressure ((Golf8, CD), (Golf8, CG))

Initializing the A/C flap actuators ((Jetta, 16), (Golf8, CD), (Golf8, CG), (ID.3, E1))

Performing transmission adaptations ((Golf8, CD), (Golf8, CG))

Learning the throttle valve ((Jetta, 16), (Golf8, CD), (Golf8, CG))

Resetting timing chain adaptation values ((Golf8, CD), (Golf8, CG))

Resetting the impact mode ((Golf8, CD), (Golf8, CG))

Initializing the neutral position sensor ((Golf8, CD), (Golf8, CG))

Adapting the radiator shutter ((ID.3, E1))

Calibrating the parking brake ((Golf8, CD), (Golf8, CG))

Adjusting the headlights ((Golf8, CD), (Golf8, CG), (ID.3, E1))

Bleeding the cooling system ((Touareg, CR), (ID.3, E1))

Activating the retrofitted parking heater ((Golf8, CD), (Golf8, CG))

Activating the roller test stand mode ((Jetta, 16))

Calibrating the camera ECU ((Golf8, CD), (Golf8, CG), (ID.3, E1))

Adapting the fuel burning heater remote control ((Jetta, 16), (Golf8, CD), (Golf8, CG))

Extending parking brake ((Golf8, CD), (Golf8, CG), (ID.3, E1))

Adapting the DEF injection system ((Touareg, 7P))

Unlocking aux. heater/independent car heater ((Jetta, 16), (Golf8, CD), (Golf8, CG))

Initializing the ESC sensors ((Golf8, CD), (Golf8, CG))

Activating the roller test stand mode ((Golf8, CD), (Golf8, CG))

Changing the drive type ((Jetta, 16))

Adapting the soot particulate filter ((Golf8, CD), (Golf8, CG))

Initializing the transmission ECU ((Jetta, 16))

| **Codings**

Adjust parking assistance volume ((Jetta, 16), (Golf8, CD), (Golf8, CG), (ID.3, E1))

General ECU replacement ((Jetta, 16))

Registering the auxiliary battery ((Crafter, SY), (Crafter, SZ), (Crafter, SX))

Expert mode ECU coding ((Jetta, 16))

Coding the rain/light sensor ((Jetta, 16), (Golf8, CD), (Golf8, CG), (ID.3, E1))

Registering the battery ((Jetta, 16), (Golf8, CD), (Golf8, CG))

Deactivating/activating the transport mode ((Jetta, 16), (Golf8, CD), (Golf8, CG))

Coding the trailer detection ((Jetta, 16), (Golf8, CD), (Golf8, CG), (ID.3, E1))

Variable service interval coding ((Jetta, 16))

Coding the language version of instrument cluster ((Jetta, 16))

Coding the steering-column module ((Jetta, 16))

Replacing the headlight/power module ((Jetta, 16))

De-/activating the cruise control ((Jetta, 16))

Coding the radio remote control ((Jetta, 16))

Coding injectors ((Touareg, CR))

Adapting the power steering after replacement ((Jetta, 16))

Deactivating the alternating park position of wipers ((Jetta, 16))

De/activating the trailer hitch ((Jetta, 16), (Golf8, CD), (Golf8, CG))

Coding the gateway installation list ((Jetta, 16))

Coding the fuel burning heater ((Jetta, 16))

| **Service resets**

(Golf8, CD), (Golf8, CG), (ID.3, E1), (Jetta, 16), (Polo, AE), (T-Roc, AC), (Taigo, CS)

| DoIP/CANDoIP/CAN

| Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X

| Cyber Security Management (CSM)Cyber Security Management (CSM)

(Golf8, CD), (Transporter, ST), (Golf8, CG), (ID.3, E1)

| Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management

Volvo

| **Trouble codes**

(C40,), (S60-II, FS), (S60-III, ZS), (S90-II, FS), (V40-II, MV), (V60-II, ZW), (V70-II, BZ), (V90-II, PZ), (XC40, XZ), (XC60-II, UZ), (XC90-II, LC,LF)

| **Parameters**

(S60-II, FS), (S60-III, ZS), (S90-II, FS), (V40-II, MV), (V60-II, ZW), (V70-II, BZ), (V90-II, PW), (XC40, XZ), (XC60-II, UZ), (XC90-II, LC,LF)

| **Actuators**

(S60-II, FS), (S60-III, ZS), (S90-II, FS), (V40-II, MV), (V60-II, ZW), (V70-II, BZ), (V90-II, PZ), (XC40, XZ), (XC60-II, UZ), (XC90-II, LC,LF)

| **Basic settings**

Initializing lateral/longitudinal/rotation acceleration sensor ((S60-II, FS), (V40-II, MV), (V40-II, MZ), (V70-II, BZ), (S60-III, ZS))

Reset exhaust-gas aftertreatment learning values ((S90-II, FS))

Resetting fuel system adaptation values ((S60-II, FS))

Resetting rear-axle differential adaptation values ((S60-II, FS), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (XC60-II, UZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (XC40, XZ))

Adapting the installation position of side obstacle detection ECU ((S60-III, ZS), (V60-II, ZW), (V60-II, Z), (XC90-II, LC,LF))

Adapting the installation position of side obstacle detection ECU ((V40-II, MV), (V60-II, ZW), (V40-II, MZ), (XC40, XZ), (V90-II, PW), (S60-III, Z))

Performing auxiliary heater function test ((S60-II, FS), (V40-II, MV), (V40-II, MZ), (V70-II, BZ), (S60-III, ZS))

Resetting EGR valve learning values ((S60-II, FS))

Resetting learned values of side obstacle detection ((V40-II, MV), (S60-III, ZS), (V60-II, ZW), (V40-II, MZ), (XC40, XZ), (V60-II, Z), (V90-II, PW), (XC90-II, LC,LF), (S60-III, Z))

Reset learned values of injectors. ((S90-II, FS))

Resetting soot particulate filter regeneration counter ((S60-II, FS))

Reset learning values ((S60-II, FS), (V70-II, BZ))

Resetting oxygen sensor adaptation values ((S60-II, FS), (S90-II, FS))

Initializing the A/C flap actuators ((V40-II, MV), (V60-II, ZW), (V40-II, MZ), (XC40, XZ), (V90-II, PW), (S60-III, Z))

Resetting learned values of the battery monitoring ECU ((S60-II, FS), (V40-II, MV), (V40-II, MZ), (V70-II, BZ), (S90-II, FS), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (XC60-II, UZ), (XC40, XZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (S60-III, Z))

Initializing ride height sensors ((S60-II, FS), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (XC60-II, UZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (XC40, XZ))

Resetting mass airflow sensor adaptation values ((S60-II, FS))

Resetting the gearbox oil ageing counter ((S60-II, FS), (V40-II, MV), (V40-II, MZ), (V70-II, BZ), (S90-II, FS), (S60-III, ZS))

Initializing the lateral acceleration sensor ((S90-II, FS))

Initializing the sunroof actuator ((S60-II, FS), (V40-II, MV), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (V40-II, MZ), (XC60-II, UZ), (XC40, XZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (S60-III, Z))

Initializing the air distribution flaps ((S90-II, FS))

De/activating the parking brake service mode ((S60-II, FS), (V40-II, MV), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (V40-II, MZ), (XC60-II, UZ), (XC40, XZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (S60-III, Z))

Resetting learned values of throttle valve actuator ((S60-II, FS))

Learning the steering-angle sensor ((S60-II, FS), (V40-II, MV), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (V40-II, MZ), (XC60-II, UZ), (XC40, XZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (S60-III, Z))

Performing engine adaptations ((S60-II, FS), (V40-II, MV), (V60-II, ZZ), (V60-II, ZW), (V40-II, MZ), (XC60-II, UZ), (V90-II, PW), (V90-II, P), (S90-II, PS))

Changing automatic transmission fluid ((S60-II, FS), (V40-II, MV), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (V40-II, MZ), (XC60-II, UZ), (XC40, XZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (S60-III, Z))

Regenerating the soot particulate filter ((S60-II, FS))

Initialising the boost pressure regulator ((S60-II, FS))

Resetting gearbox learning values ((S60-II, FS), (V40-II, MV), (V40-II, MZ), (V70-II, BZ), (S90-II, FS), (S60-III, ZS), (V90-II, PZ), (V60-II, ZW), (V90-II, PW), (V60-II, ZZ), (XC60-II, UZ), (XC40, XZ), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (S60-III, Z))

Resetting gearbox learning values ((S60-II, FS), (S60-III, ZS), (V60-II, ZW), (V60-II, ZZ), (XC60-II, UZ), (V60-II, Z), (XC90-II, LC,LF))

Resetting adaptation values of electromechanical power steering ((S60-II, FS), (V40-II, MV), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (V40-II, MZ), (XC60-II, UZ), (XC40, XZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (S60-III, Z))

Adjusting the xenon headlight ((S60-II, FS), (V40-II, MV), (V40-II, MZ), (V70-II, BZ), (S90-II, FS), (S60-III, ZS))

Bleeding the transfer case oil pump ((S60-II, FS), (V40-II, MV), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (V40-II, MZ), (XC60-II, UZ), (XC40, XZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (S60-III, Z))

Adapting the longitudinal acceleration sensor ((S90-II, FS))

Reset the telephone book ((S60-II, FS), (V40-II, MV), (V40-II, MZ), (V70-II, BZ), (S90-II, FS), (S60-III, ZS))

Calibrating the camera and radar system ((S60-II, FS), (V40-II, MV), (V40-II, MZ), (V70-II, BZ), (S90-II, FS), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (XC60-II, UZ), (XC40, XZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (S60-III, Z))

Initializing the yaw rate sensor ((S90-II, FS))

Draining the battery discharge in differential gear ((S60-II, FS), (V40-II, MV), (V40-II, MZ), (V70-II, BZ), (S90-II, FS), (S60-III, ZS))

Resetting learned values of ABS hydraulic unit ((S60-II, FS), (V40-II, MV), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (V40-II, MZ), (XC60-II, UZ), (XC40, XZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (S60-III, Z))

Reset learned values of injectors. ((S60-II, FS))

Initialize acceleration sensor ((S60-II, FS), (V40-II, MV), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (V40-II, MZ), (XC60-II, UZ), (XC40, XZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (S60-III, Z))

Resetting differential pressure sensor learning values ((S60-II, FS))

Calibrating the compass in the interior rear-view mirror ((S60-II, FS), (V40-II, MV), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (V40-II, MZ), (XC60-II, UZ), (XC40, XZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (S60-III, Z))

Resetting brake system adaptation values ((S60-II, FS), (V40-II, MV), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (V40-II, MZ), (XC60-II, UZ), (XC40, XZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (S60-III, Z))

Calibrate rearview camera ((S60-II, FS), (V40-II, MV), (V40-II, MZ), (V70-II, BZ), (S90-II, FS), (S60-III, ZS))

Resetting the swirl flap adaptation values ((S90-II, FS))

Resetting EGR valve learning values ((S60-II, FS), (S90-II, FS), (V40-II, MV), (V60-II, ZW), (XC40, XZ), (S60-III, Z))

Initializing the A/C flap actuators ((S60-II, FS), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (XC60-II, UZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (XC40, XZ))

Resetting the variable turbocharger adaptation values ((S90-II, FS))

Resetting the impact mode ((S90-II, FS))

Initializing the neutral position sensor ((S90-II, FS))

Activating the gear indicator in instrument cluster ((S60-III, ZS), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (V60-II, ZW), (XC60-II, UZ), (V90-II, P), (S90-II, PS))

Resetting learned values of side obstacle detection ((S60-II, FS), (S60-III, ZS), (V90-II, PW), (V60-II, ZZ), (V60-II, ZW), (XC60-II, UZ), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (XC40, XZ))

Learning the brake pedal position ((S60-II, FS), (V40-II, MV), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (V40-II, MZ), (XC60-II, UZ), (XC40, XZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (S60-III, Z))

De/activating the parking brake service mode ((S60-II, FS), (V40-II, MV), (V40-II, MZ), (V70-II, BZ), (S90-II, FS), (V60-II, ZW), (XC40, XZ), (S60-III, ZS), (V90-II, PW), (S60-III, Z))

Readdressing air distribution flaps ((S60-II, FS), (V40-II, MV), (V40-II, MZ), (V70-II, BZ), (S60-III, ZS))

Resetting the air-fuel ratio adaptation values ((S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, Z), (XC90-II, LC,LF), (S90-II, PS), (XC40, XZ), (XC60-II, UZ), (S60-II, FS))

Calibrating the roll-rate sensor ((S90-II, FS))

Resetting learned values of fuel quantity adjuster ((S90-II, FS))

Resetting the tire pressure monitoring ((S60-II, FS), (V40-II, MV), (V40-II, MZ), (V70-II, BZ), (S90-II, FS), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (XC60-II, UZ), (XC40, XZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (S60-III, Z))

Initialize acceleration sensor ((V40-II, MV), (V60-II, ZW), (V40-II, MZ), (XC40, XZ), (V90-II, PW), (S60-III, Z))

Initializing the suspension system ((S60-II, FS), (V40-II, MV), (V40-II, MZ), (V70-II, BZ), (S90-II, FS), (S60-III, ZS))

Resetting neutral position sensor adaptation values ((S60-II, FS), (V40-II, MV), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (V40-II, MZ), (XC60-II, UZ), (XC40, XZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (S60-III, Z))

Calibrating the rearview camera/all-round vision camera ((S60-II, FS), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (XC60-II, UZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (XC40, XZ))

Identifying new A/C components ((S60-II, FS), (V40-II, MV), (S60-III, ZS), (V60-II, ZW), (V90-II, PZ), (V90-II, PW), (V60-II, ZZ), (V40-II, MZ), (XC60-II, UZ), (XC40, XZ), (V60-II, Z), (V90-II, P), (XC90-II, LC,LF), (S90-II, PS), (S60-III, Z))

Resetting throttle valve adaptation values ((S60-II, FS))

Resetting the soot particulate filter ((S60-II, FS))

Resetting differential pressure sensor learning values ((S90-II, FS))

Codings	
Service resets	(S60-II, FS), (S60-III, ZS), (S90-II, FS), (V40-II, MV), (V60-II, ZW), (V70-II, BZ), (V90-II, PZ), (XC40, XZ), (XC60-II, UZ), (XC90-II, LC,LF)
DoIP/CANDoIP/CAN	
Capable for diagnostics only with mega macs XCapable for diagnostics only with mega macs X	
Cyber Security Management (CSM)Cyber Security Management (CSM)	(XC40, XZ), (C40,)
Capable for diagnostics only with Cyber Security ManagementCapable for diagnostics only with Cyber Security Management	