

Additions And Modifications In Software Version 75

Things To Know – An Overview

In update 75, Hella Gutmann provides valuable new features and data for workshops. This applies not only to the diagnostic functions in the mega macs. With every new update, the data for ADAS & Lighting and e-Mobility are also continuously adapted and greatly expanded with regard to content and vehicles covered.

Corrections and optimizations in SDI and Wi-Fi

| In general

- System crash at device start has been fixed.
- System crash at vehicle selection via asanetwork has been fixed.
- Missing data in the header again available when printing out vehicle results from the Car History.
- The function >New help call< under >Messages< can be used entirely again.
- In the mega macs ONE the VIN is correctly saved in the Car History again when using HV battery diagnostics PRO.
- The designations of the comfort systems have been revised. These are now grouped according to the technologies used and are presented clearly.
- System slowdown during use has been fixed.
- System hang-up during use has been fixed.
- Malfunction during restart has been fixed.
- Malfunction with weak Wi-Fi connection has been fixed.
- Unintentional reloading of SDI software during vehicle diagnostics has been fixed.

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	(Alfa Romeo Mito (955), 955), (Alfa Romeo Spider (939), 939), (Alfa Romeo 147 (937), 937), (Alfa Romeo 159 (939), 939), (Alfa Romeo Giulietta (940), 940), (Alfa Romeo GT (937), 937), (Alfa Romeo Brera (939), 939), (Alfa Romeo Giulia (952), 952), (Alfa Romeo Stelvio (949), 949), (Alfa Romeo Tonale (965), 965)
Parameters	(Alfa Romeo Mito (955), 955), (Alfa Romeo Spider (939), 939), (Alfa Romeo 147 (937), 937), (Alfa Romeo 159 (939), 939), (Alfa Romeo Giulietta (940), 940), (Alfa Romeo GT (937), 937), (Alfa Romeo Brera (939), 939), (Alfa Romeo Giulia (952), 952), (Alfa Romeo Stelvio (949), 949), (Alfa Romeo Tonale (965), 965)
Actuators	(Alfa Romeo Mito (955), 955), (Alfa Romeo Spider (939), 939), (Alfa Romeo 147 (937), 937), (Alfa Romeo 159 (939), 939), (Alfa Romeo Giulietta (940), 940), (Alfa Romeo GT (937), 937), (Alfa Romeo Brera (939), 939)
Secured by Cyber Security Management (CSM) system Capable for diagnostics only with Cyber Security Management	(Alfa Romeo Giulia (952), 952), (Alfa Romeo Stelvio (949), 949), (Alfa Romeo Tonale (965), 965)

Audi

Trouble codes

(Audi A3, 8P), (Audi S3, 8P), (Audi A4, 8K), (Audi S3, 8L), (Audi A5, 8F), (Audi A5, 8T), (Audi S5, 8T), (Audi A8, 4H), (Audi Q7, 4L), (Audi A1, 8X), (Audi A7, 4G), (Audi S4, 8K), (Audi A6, 4G), (Audi A6, 4F), (Audi S6, 4F), (Audi Q5, 8R), (Audi Q3, 8U), (Audi TT, 8N), (Audi S1, 8X), (Audi A4, 8D), (Audi A3, 8L), (Audi A6, 4B), (Audi A6, 4A), (Audi S7, 4G), (Audi A8, 4D), (Audi S4, 8D), (Audi RS4, 8D), (Audi A2, 8Z), (Audi A4, 8E), (Audi A4, 8H), (Audi S8, 4D), (Audi A8, 4E), (Audi S4, 8E), (Audi RS6, 4B), (Audi S4, 8H), (Audi TT, 8J), (Audi S6, 4G), (Audi RS Q3, 8U), (Audi RS7, 4G), (Audi S6, 4B), (Audi S8, 4E), (Audi RS4, 8E), (Audi RS4, 8H), (Audi R8, 42), (Audi RS6, 4F), (Audi RS5, 8T), (Audi S5, 8F), (Audi RS3, 8P), (Audi RS6, 4G), (Audi A3, 8V), (Audi S8, 4H), (Audi RS4, 8K), (Audi RS5, 8F), (Audi S3, 8V), (Audi TT, FV), (Audi RS3, 8V), (Audi Q7, 4M), (Audi A4, 8W), (Audi R8, 4S), (Audi S4, 8W), (Audi Q2, GA), (Audi A5, F5), (Audi S5, F5), (Audi Q5, FY), (Audi RS5, F5), (Audi RS4, 8W), (Audi A8, 4N), (Audi A7, 4K), (Audi A1, GB), (Audi Q3, F3), (Audi Q8, 4M), (Audi S6, 4A), (Audi S7, 4K), (Audi RS Q3, F3), (Audi e-tron, GE), (Audi A3, 8Y), (Audi S3, 8Y), (Audi Q4 e-tron, F4), (Audi e-tron GT, F8), (Audi RS6, 4A), (Audi RS7, 4K), (Audi S8, 4N), (Audi RS3, 8Y), (Audi Q8 e-tron, GE), (Audi A7, F2)

Parameters

(Audi A3, 8P), (Audi S3, 8P), (Audi A4, 8K), (Audi S3, 8L), (Audi A5, 8F), (Audi A5, 8T), (Audi S5, 8T), (Audi A8, 4H), (Audi Q7, 4L), (Audi A1, 8X), (Audi A7, 4G), (Audi S4, 8K), (Audi A6, 4G), (Audi A6, 4F), (Audi S6, 4F), (Audi Q5, 8R), (Audi Q3, 8U), (Audi TT, 8N), (Audi S1, 8X), (Audi A4, 8D), (Audi A3, 8L), (Audi A6, 4B), (Audi A6, 4A), (Audi S7, 4G), (Audi A8, 4D), (Audi S4, 8D), (Audi RS4, 8D), (Audi A2, 8Z), (Audi A4, 8E), (Audi A4, 8H), (Audi S8, 4D), (Audi A8, 4E), (Audi S4, 8E), (Audi RS6, 4B), (Audi S4, 8H), (Audi TT, 8J), (Audi S6, 4G), (Audi RS Q3, 8U), (Audi RS7, 4G), (Audi S6, 4B), (Audi S8, 4E), (Audi RS4, 8E), (Audi RS4, 8H), (Audi R8, 42), (Audi RS6, 4F), (Audi RS5, 8T), (Audi S5, 8F), (Audi RS3, 8P), (Audi RS6, 4G), (Audi A3, 8V), (Audi S8, 4H), (Audi RS4, 8K), (Audi RS5, 8F), (Audi S3, 8V), (Audi TT, FV), (Audi RS3, 8V), (Audi Q7, 4M), (Audi A4, 8W), (Audi R8, 4S), (Audi S4, 8W), (Audi Q2, GA), (Audi A5, F5), (Audi S5, F5), (Audi Q5, FY), (Audi RS5, F5), (Audi RS4, 8W), (Audi A8, 4N), (Audi A7, 4K), (Audi A1, GB), (Audi Q3, F3), (Audi Q8, 4M), (Audi S6, 4A), (Audi S7, 4K), (Audi RS Q3, F3), (Audi e-tron, GE), (Audi A3, 8Y), (Audi S3, 8Y), (Audi Q4 e-tron, F4), (Audi e-tron GT, F8), (Audi RS6, 4A), (Audi RS7, 4K), (Audi S8, 4N), (Audi RS3, 8Y), (Audi Q8 e-tron, GE), (Audi A7, F2)

Actuators

(Audi A3, 8P), (Audi S3, 8P), (Audi A4, 8K), (Audi S3, 8L), (Audi A5, 8F), (Audi A5, 8T), (Audi S5, 8T), (Audi A8, 4H), (Audi Q7, 4L), (Audi A1, 8X), (Audi A7, 4G), (Audi S4, 8K), (Audi A6, 4G), (Audi A6, 4F), (Audi S6, 4F), (Audi Q5, 8R), (Audi Q3, 8U), (Audi TT, 8N), (Audi S1, 8X), (Audi A4, 8D), (Audi A3, 8L), (Audi A6, 4B), (Audi A6, 4A), (Audi S7, 4G), (Audi A8, 4D), (Audi S4, 8D), (Audi RS4, 8D), (Audi A2, 8Z), (Audi A4, 8E), (Audi A4, 8H), (Audi S8, 4D), (Audi A8, 4E), (Audi S4, 8E), (Audi RS6, 4B), (Audi S4, 8H), (Audi TT, 8J),

(Audi S6, 4G), (Audi RS Q3, 8U), (Audi RS7, 4G), (Audi S6, 4B), (Audi S8, 4E), (Audi RS4, 8E), (Audi RS4, 8H), (Audi R8, 42), (Audi RS6, 4F), (Audi RS5, 8T), (Audi S5, 8F), (Audi RS3, 8P), (Audi RS6, 4G), (Audi A3, 8V), (Audi S8, 4H), (Audi RS4, 8K), (Audi RS5, 8F), (Audi S3, 8V), (Audi TT, FV), (Audi RS3, 8V), (Audi Q7, 4M), (Audi A4, 8W), (Audi R8, 4S), (Audi S4, 8W), (Audi Q2, GA), (Audi A5, F5), (Audi S5, F5), (Audi Q5, FY), (Audi RS5, F5), (Audi RS4, 8W), (Audi A8, 4N), (Audi A7, 4K), (Audi A1, GB), (Audi Q3, F3), (Audi Q8, 4M), (Audi S6, 4A), (Audi S7, 4K), (Audi RS Q3, F3), (Audi e-tron, GE), (Audi A3, 8Y), (Audi S3, 8Y), (Audi Q4 e-tron, F4), (Audi e-tron GT, F8), (Audi RS6, 4A), (Audi RS7, 4K), (Audi S8, 4N), (Audi RS3, 8Y), (Audi Q8 e-tron, GE), (Audi A7, F2)

| Codings

(Audi A3, 8Y):
Registering the battery, Coding injectors, Deactivating/activating the transport mode

(Audi e-tron GT, F8):
Coding the power operated tailgate module, Registering the battery, Coding the rain/light sensor, Deactivating/activating the transport mode

(Audi Q3, F3):
Coding the power operated tailgate module, De/activating the trailer hitch, Expert mode ECU coding, General ECU replacement, Adapting the trailer hitch to advanced driver assistance systems, Registering the battery, Coding the parking assist, Adjust parking assistance volume, Synchronisation of the remote control, Coding the trailer detection, Coding the rain/light sensor, Coding the language version of instrument cluster, Deactivating/activating the transport mode, Coding the gateway installation list

(Audi Q4 e-tron, F4):
Deactivating/activating the transport mode

(Audi Q8, 4M):
Coding the integrated starter alternator, Coding the power operated tailgate module, De/activating the trailer hitch, Expert mode ECU coding, General ECU replacement, Adapting the trailer hitch to advanced driver assistance systems, Registering the battery, Coding the trailer detection, Coding the rain/light sensor, Deactivating/activating the transport mode

(Audi Q8 e-tron, GE):
Registering the battery

| Basic settings

(Audi A1, GB), (Audi Q8 e-tron, GE), (Audi R8, 42), (Audi R8, 4S), (Audi RS Q3, F3), (Audi RS4, 8W), (Audi RS5, F5), (Audi S4, 8W), (Audi S5, F5), (Audi TT, FV):
CSM release, Deactivate/activate diagnostic filter

(Audi A3, 8Y):
Initializing the oxidation catalyst, De-energizing the 48 V system, Putting the 48 V system back into operation, CSM release, Deactivate/activate diagnostic filter, Bleeding the fuel system, Adapting the soot particulate filter, Initializing the adaptive cruise control, Resetting the diesel exhaust fluid

level, Performing engine adaptations, Bleeding the cooling system, Resetting the start inhibitor of DEF injection system, Regenerating the soot particulate filter, Activating the roller test stand mode, Configuring the lane change assist, Parking brake maintenance work, Calibrating the camera ECU

(Audi A4, 8W), (Audi A5, F5), (Audi Q2, GA), (Audi Q5, FY):
CSM release, Deactivate/activate diagnostic filter,
Performing engine adaptations

(Audi A6, 4A), (Audi A7, 4K):
CSM release, Deactivate/activate diagnostic filter,
Performing engine adaptations, Calibrating the camera ECU

(Audi A6, 4G), (Audi A7, 4G), (Audi A8, 4H), (Audi e-tron, GE),
(Audi RS6, 4G), (Audi RS7, 4G), (Audi RS7, 4K), (Audi S6, 4G),
(Audi S7, 4G), (Audi S8, 4H), (Audi S8, 4N):
Calibrating the camera ECU

(Audi A7, F2), (Audi A8, 4N), (Audi Q7, 4M), (Audi RS6, 4A),
(Audi S6, 4A), (Audi S7, 4K):
CSM release, Deactivate/activate diagnostic filter, Calibrating
the camera ECU

(Audi e-tron GT, F8):
Unlocking/locking the self-steering rear axle, Initializing the
seat belt tensioner ECU, Adapting the radiator shutter 1,
Adapting the radiator shutter 2, Locking/unlocking the ride
height leveling, Filling/bleeding the cooling system, Checking
emergency battery of emergency call system/telematics
system, Calibrating the front edge radar, Initializing electric
seats, Performing maintenance work on the refrigerant
circuit, CSM release, Deactivate/activate diagnostic filter,
Initializing the steering-angle sensor, Standardizing the
liftgate, Initializing the adaptive cruise control, Initializing the
A/C flap actuators, Performing the initial run-in of the air
conditioning compressor, Configuring the lane change
assist, Parking brake maintenance work, Calibrating the
camera ECU

(Audi Q3, F3):
Adapting oil pressure for engine run-in, Initializing the seat
belt tensioner ECU, Initializing the 4WD clutch oil pump,
Filling fuel lines of parking heater/auxiliary heater,
Initializing electric seats, Performing basic settings of
emergency call system/telematics system, CSM release,
Deactivate/activate diagnostic filter, Initializing the brake-
pressure sensor, Initializing the steering-angle sensor,
Resetting the impact mode, Initializing the throttle valve,
Initializing the ESC sensors, Adapting the fuel burning heater
remote control, Performing transmission adaptations,
Reducing fuel high pressure, Standardizing the liftgate,
Performing engine adaptations, Initializing the adaptive
cruise control, Initializing the A/C flap actuators, Adjusting
the headlights, Resetting engine adaptation values,
Initializing the tilt/slide sunroof, Initializing the neutral
position sensor, Initialising the boost pressure regulator,
Special bleeding, Initializing the clutch pedal position,
Performing the initial run-in of the air conditioning
compressor, Adapting the electronic damper control,
Configuring the lane change assist, Parking brake

	<p>maintenance work, Calibrating the camera ECU, Burning off aux. heater/independent car heater, Activating the retrofitted parking heater, Unlocking aux. heater/independent car heater, Initializing the alternator</p>
	<p>(Audi Q4 e-tron, F4): CSM release, Deactivate/activate diagnostic filter, Initializing the brake-pressure sensor, Initializing the ESC sensors, Initializing the adaptive cruise control, Configuring the lane change assist, Parking brake maintenance work, Calibrating the camera ECU</p>
	<p>(Audi Q8, 4M): Adapting the cabin fragrance system, Resetting the refrigerant loss counter, Unlocking/locking the self-steering rear axle, Adapting oil pressure for engine run-in, Initializing the seat belt tensioner ECU, Locking/unlocking the ride height leveling, Replacing emergency battery of emergency call system/telematics system, Checking emergency battery of emergency call system/telematics system, Calibrating the front edge radar, Initializing the oil pressure sensor/oil temperature sensor of rear axle differential, Filling/topping up the rear axle differential, De-energizing the 48 V system, Putting the 48 V system back into operation, Initializing electric seats, Close 48-V battery contactors, CSM release, Deactivate/activate diagnostic filter, Initializing the steering-angle sensor, Resetting the impact mode, Initializing the throttle valve, Adapting the fuel burning heater remote control, Filling/bleeding the pneumatic suspension system, Performing transmission adaptations, Reducing fuel high pressure, Standardizing the liftgate, Adapting the radiator shutter, Initializing the adaptive cruise control, Bleeding the cooling system, Initializing the A/C flap actuators, Adjusting the headlights, Standardizing the loading space cover, Resetting engine adaptation values, Adapting the normal position of ride-height levelling, Initializing the tilt/slide sunroof, Special bleeding, Performing the initial run-in of the air conditioning compressor, Configuring the lane change assist, Parking brake maintenance work, Calibrating the camera ECU, Burning off aux. heater/independent car heater, Unlocking aux. heater/independent car heater</p>
<p> Service resets</p>	<p>(Audi RS3, 8Y), (Audi S3, 8Y): Configuring the lane change assist</p>
<p> Test function</p>	<p>(Audi e-tron GT, F8), (Audi Q8, 4M), (Audi A3, 8Y), (Audi Q4 e-tron, F4), (Audi Q3, F3)</p>
<p> Secured by Cyber Security Management (CSM) system Capable for diagnostics only with Cyber Security Management</p>	<p>(Audi A3, 8Y) (Audi A3, 8Y), (Audi S3, 8Y), (Audi Q4 e-tron, F4), (Audi RS3, 8Y), (Audi Q8 e-tron, GE)</p>

BMW

| Trouble codes

(BMW X1, VP31), (BMW X3, WY31), (BMW X5, ZW41), (BMW X6, FH61), (BMW Z4, LM51), (BMW 5 Ser., SP61), (BMW 5 Ser., MX11), (BMW 5 Ser., FV31), (BMW 7 Ser., KM21), (BMW 7 Ser., KM41), (BMW 6 Ser., LX51), (BMW 6 Ser., 6A61), (BMW 1 Ser., 1B71), (BMW 1 Ser., 1N71), (BMW 3 Ser., 3A51), (BMW 7 Ser., E65), (BMW 5 Ser., NA31), (BMW 1 Ser., UF11), (BMW X3, PB11), (BMW 6 Ser., E63), (BMW 6 Ser., E64), (BMW 7 Ser., E66), (BMW 3 Ser., E92), (BMW 7 Ser., E67), (BMW 5 Ser., NG51), (BMW 3 Ser., VA71), (BMW 3 Ser., VU31), (BMW 1 Ser., E81), (BMW 3 Ser., WN31), (BMW 1 Ser., UM71), (BMW 1 Ser., UR31), (BMW X6, FH21), (BMW 6 Ser., LW71), (BMW 7 Ser., F04), (BMW 7 Ser., F03), (BMW X5, F85), (BMW 3 Ser., 3G71), (BMW 3 Ser., 3Y11), (BMW 2 Ser., F87), (BMW i3, 1Z21), (BMW i8, I12), (BMW X5, KS01), (BMW X4, XX11), (BMW 4 Ser., 3P31), (BMW 4 Ser., 3U11), (BMW 4 Ser., F36), (BMW 3 Ser., F80), (BMW 2 Ser., 2C11), (BMW 2 Ser., 1H31), (BMW 4 Ser., F82), (BMW 4 Ser., F83), (BMW 7 Ser., E68), (BMW 2 Ser., 2D71), (BMW 2 Ser., 1M31), (BMW X1, HT71), (BMW X6, F86), (BMW X6, F16), (BMW 7 Ser., G11), (BMW 7 Ser., G12), (BMW 5 Ser., JM71), (BMW 5 Ser., JC51), (BMW X3, TX31), (BMW X2, YH31), (BMW 6 Ser., G32), (BMW 5 Ser., F90), (BMW X4, VJ71), (BMW 8 Ser., G15), (BMW X5, CV61), (BMW 3 Ser., 5V91), (BMW Z4, HF11), (BMW 8 Ser., G14), (BMW X7, G07), (BMW i8, 2Z61), (BMW 1 Ser., 7K31), (BMW 3 Ser., 6L71), (BMW 8 Ser., G16), (BMW 8 Ser., F91), (BMW X6, GT21), (BMW 2 Ser., 11AK), (BMW 4 Ser., 11AP), (BMW iX, 11CF), (BMW 4 Ser., 21AT), (BMW 8 Ser., F92), (BMW 8 Ser., F93), (BMW X3, F97), (BMW X4, F98), (BMW X5, F95), (BMW 3 Ser., 51AY), (BMW 4 Ser., 51AZ), (BMW iX3, 7X41), (BMW 2 Ser., 21BY), (BMW 2 Ser., 11CN), (BMW 4 Ser., 31BA), (BMW 4 Ser., 21AX), (BMW 5 Ser., 11FL), (BMW 7 Ser., G70), (BMW X1, U11), (BMW 3 Ser., G81), (BMW X2, 71GM)

| Parameters

(BMW X1, VP31), (BMW X3, WY31), (BMW X5, ZW41), (BMW X6, FH61), (BMW Z4, LM51), (BMW 5 Ser., SP61), (BMW 5 Ser., MX11), (BMW 5 Ser., FV31), (BMW 7 Ser., KM21), (BMW 7 Ser., KM41), (BMW 6 Ser., LX51), (BMW 6 Ser., 6A61), (BMW 1 Ser., 1B71), (BMW 1 Ser., 1N71), (BMW 3 Ser., 3A51), (BMW 7 Ser., E65), (BMW 5 Ser., NA31), (BMW 1 Ser., UF11), (BMW X3, PB11), (BMW 6 Ser., E63), (BMW 6 Ser., E64), (BMW 7 Ser., E66), (BMW 3 Ser., E92), (BMW 7 Ser., E67), (BMW 5 Ser., NG51), (BMW 3 Ser., VA71), (BMW 3 Ser., VU31), (BMW 1 Ser., E81), (BMW 3 Ser., WN31), (BMW 1 Ser., UM71), (BMW 1 Ser., UR31), (BMW X6, FH21), (BMW 6 Ser., LW71), (BMW 7 Ser., F04), (BMW 7 Ser., F03), (BMW X5, F85), (BMW 3 Ser., 3G71), (BMW 3 Ser., 3Y11), (BMW 2 Ser., F87), (BMW i3, 1Z21), (BMW i8, I12), (BMW X5, KS01), (BMW X4, XX11), (BMW 4 Ser., 3P31), (BMW 4 Ser., 3U11), (BMW 4 Ser., F36), (BMW 3 Ser., F80), (BMW 2 Ser., 2C11), (BMW 2 Ser., 1H31), (BMW 4 Ser., F82), (BMW 4 Ser., F83), (BMW 7 Ser., E68), (BMW 2 Ser., 2D71), (BMW 2 Ser., 1M31), (BMW X1, HT71), (BMW X6, F86), (BMW X6, F16), (BMW 7 Ser., G11), (BMW 7 Ser., G12), (BMW 5 Ser., JM71), (BMW 5 Ser., JC51), (BMW X3, TX31), (BMW X2, YH31), (BMW 6 Ser.,

Actuators

G32), (BMW 5 Ser., F90), (BMW X4, VJ71), (BMW 8 Ser., G15), (BMW X5, CV61), (BMW 3 Ser., 5V91), (BMW Z4, HF11), (BMW 8 Ser., G14), (BMW X7, G07), (BMW i8, 2Z61), (BMW 1 Ser., 7K31), (BMW 3 Ser., 6L71), (BMW 8 Ser., G16), (BMW 8 Ser., F91), (BMW X6, GT21), (BMW 2 Ser., 11AK), (BMW 4 Ser., 11AP), (BMW iX, 11CF), (BMW 4 Ser., 21AT), (BMW 8 Ser., F92), (BMW 8 Ser., F93), (BMW X3, F97), (BMW X4, F98), (BMW X5, F95), (BMW 3 Ser., 51AY), (BMW 4 Ser., 51AZ), (BMW iX3, 7X41), (BMW 2 Ser., 21BY), (BMW 2 Ser., 11CN), (BMW 4 Ser., 31BA), (BMW 4 Ser., 21AX), (BMW 5 Ser., 11FL), (BMW 7 Ser., G70), (BMW X1, U11), (BMW 3 Ser., G81)

(BMW X1, VP31), (BMW X3, WY31), (BMW Z4, LM51), (BMW 5 Ser., SP61), (BMW 5 Ser., MX11), (BMW 5 Ser., FV31), (BMW 7 Ser., KM21), (BMW 7 Ser., KM41), (BMW 6 Ser., LX51), (BMW 6 Ser., 6A61), (BMW 1 Ser., 1B71), (BMW 1 Ser., 1N71), (BMW 3 Ser., 3A51), (BMW 7 Ser., E65), (BMW 5 Ser., NA31), (BMW 1 Ser., UF11), (BMW 6 Ser., E63), (BMW 6 Ser., E64), (BMW 7 Ser., E66), (BMW 3 Ser., E92), (BMW 7 Ser., E67), (BMW 5 Ser., NG51), (BMW 3 Ser., VA71), (BMW 3 Ser., VU31), (BMW 1 Ser., E81), (BMW 3 Ser., WN31), (BMW 1 Ser., UM71), (BMW 1 Ser., UR31), (BMW 6 Ser., LW71), (BMW 7 Ser., F04), (BMW 7 Ser., F03), (BMW X5, F85), (BMW 3 Ser., 3G71), (BMW 3 Ser., 3Y11), (BMW 2 Ser., F87), (BMW i3, 1Z21), (BMW i8, I12), (BMW X5, KS01), (BMW X4, XX11), (BMW 4 Ser., 3P31), (BMW 4 Ser., 3U11), (BMW 4 Ser., F36), (BMW 3 Ser., F80), (BMW 2 Ser., 2C11), (BMW 2 Ser., 1H31), (BMW 4 Ser., F82), (BMW 4 Ser., F83), (BMW 7 Ser., E68), (BMW 2 Ser., 2D71), (BMW 2 Ser., 1M31), (BMW X1, HT71), (BMW X6, F86), (BMW X6, F16), (BMW 7 Ser., G11), (BMW 7 Ser., G12), (BMW 5 Ser., JM71), (BMW 5 Ser., JC51), (BMW X3, TX31), (BMW X2, YH31), (BMW 6 Ser., G32), (BMW 5 Ser., F90), (BMW X4, VJ71), (BMW 8 Ser., G15), (BMW X5, CV61), (BMW 3 Ser., 5V91), (BMW Z4, HF11), (BMW 8 Ser., G14), (BMW X7, G07), (BMW i8, 2Z61), (BMW 1 Ser., 7K31), (BMW 3 Ser., 6L71), (BMW 8 Ser., G16), (BMW 8 Ser., F91), (BMW X6, GT21), (BMW 2 Ser., 11AK), (BMW 4 Ser., 11AP), (BMW 4 Ser., 21AT), (BMW 8 Ser., F92), (BMW 8 Ser., F93), (BMW X3, F97), (BMW X4, F98), (BMW X5, F95), (BMW 3 Ser., 51AY), (BMW 4 Ser., 51AZ), (BMW iX3, 7X41), (BMW 2 Ser., 11CN), (BMW 4 Ser., 31BA), (BMW 4 Ser., 21AX), (BMW 3 Ser., G81)

Codings

(BMW 1 Ser., 7K31), (BMW 2 Ser., 11CK), (BMW X2, YL91):
Registering the battery, Coding injectors, Coding the idle rpm

(BMW 3 Ser., PL31), (BMW 3 Ser., UU91), (BMW 3 Ser., DW71), (BMW 5 Ser., NB11):
Registering the battery, Coding the radio remote control, Coding injectors, Coding the idle rpm

(BMW 3 Ser., 3C11), (BMW 3 Ser., 3K51), (BMW 5 Ser., XC41):
Registering the battery, Coding the EGR valve, Coding injectors, Coding the idle rpm

(BMW 3 Ser., 5P51):
Registering the battery, Coding injectors

| Basic settings

(BMW 4 Ser., 61AP):

Registering the battery, Coding the idle rpm, Deactivating/activating the transport mode

(BMW 4 Ser.,):

Registering the battery, Coding the idle rpm, Deactivating the transport mode

(BMW X2, 81GM):

Registering the battery

(BMW X3, 21DN):

Registering the battery, Coding injectors, Coding the idle rpm, Deactivating the transport mode

(BMW X4, 31DT):

Registering the battery, Coding injectors, Coding the idle rpm, Deactivating/activating the transport mode

(BMW 1 Ser., 7K31):

Setting vehicle into sleep mode, Moving the air distribution flaps to service position, Unlocking the electric auxiliary heater, Draining/filling the refrigerant circuit, Adjusting the boost control rod, Taking the steering into operation, Initializing the variable valve lift, Unlocking aux. heater/independent car heater, Resetting the ECU, Resetting learned values of throttle valve actuator, De/activating the parking brake service mode, Resetting the mixture adjustment, Initializing the gear sensor, Resetting differential pressure sensor learning values, Adapting the A/C compressor, Resetting fuel system adaptation values, Activating the fuel pump, Resetting the pulse-generator ring adaptation, Resetting engine adaptation values, Calibrating the radar sensor, Initializing the rain/light sensor, Calibrating the front camera, Bleeding the brake system, Initialize acceleration sensor, Calibrating the rearview camera/all-round vision camera

(BMW 2 Ser., 11CK):

Resetting reference values, Regenerating the soot particulate filter, Adapt shifting speed regulation, Setting vehicle into sleep mode, Filling/bleeding the SCR passive system, Initializing ride height sensors, Replacing the particle filter, Initializing the steering-angle sensor, Resetting transfer case adaptation values, Unlocking aux. heater/independent car heater, Resetting EGR valve learning values, Bleeding the fuel system, Clearing the list of stored Bluetooth devices, Resetting the ECU, Bleeding the electronic stability control, Resetting learned values of the transmission ECU, Learning the power windows, Initializing the gear sensor, Resetting learned values of the DEF injection system, Adapting the A/C compressor, Resetting fuel system adaptation values, Readdressing air distribution flaps, Bleeding the cooling system, Initializing the A/C flap actuators, Activating the fuel pump, Resetting the pulse-generator ring adaptation, Resetting exhaust gas aftertreatment adaptation values, Calibrating the radar sensor, Initializing the rain/light sensor, Activating the roller test stand mode, Initializing the tilt/slide sunroof, Resetting

starter learning values, Calibrating the front camera, Resetting the transport mode, Aiming the headlights for targeted lighting, Adapting the electronic damper control, Adjusting the starting torque, Actuating the assembly position of the EGR valve, Interchanged brake pipe check, Adapting the headlight motor, Adapting the induction system, Initializing the turn signal front, Initializing the angular offset between the crankshaft and camshaft, De/activating the parking brake service mode, Calibrating the rearview camera/all-round vision camera

(BMW 3 Ser., PL31):

Initialize classification resistance of transfer case, Regenerating the soot particulate filter, Performing initial run-in of variable valve lift, Replacing the particle filter, Initializing the steering-angle sensor, Initializing the longitudinal acceleration sensor, Initializing the variable valve lift, Initializing the steering-angle sensor, Initializing the lateral acceleration sensor, Resetting transfer case adaptation values, Calibrating the tire pressure monitoring system manually, Initializing the lateral acceleration sensor, Initializing the brake-pressure sensor, Unlocking aux. heater/independent car heater, Resetting the body control module, Resetting the footwell module ECU, Resetting the overhead control panel ECU, Resetting EGR valve learning values, Resetting mass airflow sensor adaptation values, Resetting learned values of swirl flap actuators, Resetting learned values of fuel pressure regulator, Bleeding the fuel system, Adapting the N position sensor, Resetting learned values upon VTG oil change, Clearing the list of stored Bluetooth devices, Resetting the ECU, De-standardizing the tilt/slide sunroof ECU, Bleeding the ABS/ESC system, Resetting learned values of the transmission ECU, Adapting ETC components, Resetting the EGS oil change, Learning the power windows, Resetting the DME adaptation values, Taking the active steering into operation, Resetting the error counter of the steering column locking, Request "Regenerate nitrogen oxide catalyst", Bleeding the cooling system, Adjusting the xenon headlight, Resetting the quantity mean value adaptation, Resetting learned values of NOx sensor, Calibrating the radar sensor, Initializing the rain/light sensor, Initializing the tilt/slide sunroof manually, Reactivating the ECU output after short circuit, Restarting the transmission ECU, Resetting the immobilizer

(BMW 3 Ser., UU91):

Initialize classification resistance of transfer case, Regenerating the soot particulate filter, Initializing the steering-angle sensor, Initializing the longitudinal acceleration sensor, Initializing the variable valve lift, Initializing the steering-angle sensor, Initializing the lateral acceleration sensor, Resetting transfer case adaptation values, Calibrating the tire pressure monitoring system manually, Initializing the lateral acceleration sensor, Initializing the brake-pressure sensor, Unlocking aux. heater/independent car heater, Resetting the body control module, Resetting the footwell module ECU, Resetting the overhead control panel ECU, Resetting EGR valve learning values, Resetting mass airflow sensor adaptation values,

Resetting learned values of swirl flap actuators, Resetting learned values of fuel pressure regulator, Bleeding the fuel system, Adapting the N position sensor, Resetting learned values upon VTG oil change, Clearing the list of stored Bluetooth devices, Resetting the ECU, De-standardizing the tilt/slide sunroof ECU, Bleeding the ABS/ESC system, Resetting learned values of the transmission ECU, Adapting ETC components, Resetting the EGS oil change, Learning the power windows, Resetting the DME adaptation values, Taking the active steering into operation, Resetting the error counter of the steering column locking, Request "Regenerate nitrogen oxide catalyst", Bleeding the cooling system, Adjusting the xenon headlight, Resetting the quantity mean value adaptation, Resetting learned values of NOx sensor, Calibrating the radar sensor, Initializing the rain/light sensor, Initializing the tilt/slide sunroof manually, Reactivating the ECU output after short circuit, Restarting the transmission ECU, Resetting the immobilizer

(BMW 3 Ser., DW71):

Initialize classification resistance of transfer case, Initializing the steering-angle sensor, Initializing the longitudinal acceleration sensor, Initializing the variable valve lift, Initializing the steering-angle sensor, Initializing the lateral acceleration sensor, Resetting transfer case adaptation values, Calibrating the tire pressure monitoring system manually, Initializing the lateral acceleration sensor, Initializing the brake-pressure sensor, Unlocking aux. heater/independent car heater, Resetting the body control module, Resetting the footwell module ECU, Resetting the overhead control panel ECU, Adapting the N position sensor, Resetting learned values upon VTG oil change, Clearing the list of stored Bluetooth devices, Resetting the ECU, De-standardizing the tilt/slide sunroof ECU, Bleeding the ABS/ESC system, Resetting learned values of the transmission ECU, Adapting ETC components, Resetting the EGS oil change, Learning the power windows, Resetting the DME adaptation values, Taking the active steering into operation, Resetting the error counter of the steering column locking, Request "Regenerate nitrogen oxide catalyst", Bleeding the cooling system, Adjusting the xenon headlight, Resetting learned values of NOx sensor, Calibrating the radar sensor, Initializing the rain/light sensor, Initializing the tilt/slide sunroof manually, Reactivating the ECU output after short circuit, Restarting the transmission ECU, Resetting the immobilizer

(BMW 3 Ser., 3C11):

Resetting reference values, Regenerating the soot particulate filter, Setting vehicle into sleep mode, Deactivating the service mode of SCR ECU, Filling/bleeding the SCR passive system, Initializing ride height sensors, Initializing the EGR valve, Replacing the particle filter, Reset learned values, Initializing the steering-angle sensor, Resetting transfer case adaptation values, Bleeding the fuel system, Unlocking aux. heater/independent car heater, Resetting EGR valve learning values, Resetting mass airflow sensor adaptation values, Resetting learned values of swirl flap actuators, Resetting learned values of fuel pressure

regulator, Resetting the ECU, Bleeding the electronic stability control, Resetting learned values of the transmission ECU, Learning the power windows, Standardizing the liftgate, Reset fuel pump learning values, Resetting the DME adaptation values, Learning the power windows, Initializing the glow plugs, Adapting the A/C compressor, Readdressing air distribution flaps, Bleeding the cooling system, Initializing the A/C flap actuators, Resetting the quantity mean value adaptation, Calibrating the radar sensor, Initializing the rain/light sensor, Activating the roller test stand mode, Initializing the tilt/slide sunroof, Calibrating the front camera, Resetting the transport mode, Aiming the headlights for targeted lighting, Adapting the electronic damper control, Initializing the SCR system, Interchanged brake pipe check, Adapting the headlight motor, Configuring the lane change assist, Initializing the turn signal front, De/activating the parking brake service mode, Calibrating the rearview camera/all-round vision camera

(BMW 3 Ser., 3K51):

Resetting reference values, Regenerating the soot particulate filter, Setting vehicle into sleep mode, Deactivating the service mode of SCR ECU, Filling/bleeding the SCR passive system, Initializing ride height sensors, Initializing the EGR valve, Replacing the particle filter, Initializing the steering-angle sensor, Resetting transfer case adaptation values, Bleeding the fuel system, Unlocking aux. heater/independent car heater, Resetting EGR valve learning values, Resetting mass airflow sensor adaptation values, Resetting learned values of swirl flap actuators, Resetting learned values of fuel pressure regulator, Resetting the ECU, Bleeding the electronic stability control, Resetting learned values of the transmission ECU, Learning the power windows, Standardizing the liftgate, Reset fuel pump learning values, Learning the power windows, Initializing the glow plugs, Adapting the A/C compressor, Readdressing air distribution flaps, Initializing the A/C flap actuators, Resetting the quantity mean value adaptation, Calibrating the radar sensor, Initializing the rain/light sensor, Activating the roller test stand mode, Initializing the tilt/slide sunroof, Calibrating the front camera, Resetting the transport mode, Aiming the headlights for targeted lighting, Adapting the electronic damper control, Initializing the SCR system, Interchanged brake pipe check, Adapting the headlight motor, Configuring the lane change assist, Initializing the turn signal front, De/activating the parking brake service mode, Calibrating the rearview camera/all-round vision camera

(BMW 3 Ser., 5P51):

Initializing the rain sensor, Adapt shifting speed regulation, Reset equipment variant, Setting vehicle into sleep mode, Moving the air distribution flaps to service position, Unlocking the electric auxiliary heater, Draining/filling the refrigerant circuit, Adjusting the boost control rod, Activating the assembly position of the exhaust gas flap actuator, Initializing the air suspension, De-energizing the 48 V system, Deactivating the transport mode of ride height

leveling/damper control, Initializing ride height sensors, Taking the steering into operation, 48-V integrated starter alternator – reset production mode, Setting the maximum oil pressure, Initializing the variable valve lift, Resetting gearbox learning values, Resetting transfer case adaptation values, Unlocking aux. heater/independent car heater, Resetting the ECU, Initializing the exhaust gas flap, Resetting learned values of throttle valve actuator, Initializing the sunroof anti-pinch protection, Learning the power windows, Standardizing the liftgate, Filling/bleeding the pneumatic suspension system, De/activating the parking brake service mode, Resetting the DME adaptation values, Resetting the mixture adjustment, Initializing the gear sensor, Resetting differential pressure sensor learning values, Adapting the A/C compressor, Resetting fuel system adaptation values, Activating the fuel pump, Resetting the pulse-generator ring adaptation, Resetting the quantity mean value adaptation, Resetting engine adaptation values, Calibrating the radar sensor, Resetting starter learning values, Calibrating the front camera, Bleeding the brake system, Initializing acceleration sensor, Adapting the variable camshaft timing, Performing the internal tank pressure sensor synchronization, Calibrating the rearview camera/all-round vision camera

(BMW 4 Ser., 61AP):

Initializing the rain sensor, Setting vehicle into sleep mode, Moving the air distribution flaps to service position, Unlocking the electric auxiliary heater, Activating the assembly position of the exhaust gas flap actuator, Initializing the air suspension, Deactivating the transport mode of ride height leveling/damper control, Taking the steering into operation, 48-V integrated starter alternator – reset production mode, Activating the axle alignment mode for self-steering rear axle, Initializing the variable valve lift, Resetting gearbox learning values, Resetting transfer case adaptation values, Unlocking aux. heater/independent car heater, Resetting the ECU, Resetting learned values of the transmission ECU, Learning the power windows, Standardizing the liftgate, Filling/bleeding the pneumatic suspension system, Resetting the mixture adjustment, Changing automatic transmission fluid, Adapting the A/C compressor, Resetting fuel system adaptation values, Initializing the air distribution flaps, Activating the fuel pump, Resetting the pulse-generator ring adaptation, Resetting engine adaptation values, Calibrating the night vision assist, Initializing the tilt/slide sunroof, Calibrating the radar sensor, Calibrating the front camera, Initializing the electronic stability control sensors, Bleeding the brake system, Interchanged brake pipe check, Adapting the variable camshaft timing, Performing the internal tank pressure sensor synchronization, Configuring the lane change assist, Initializing the turn signal front, De/activating the parking brake service mode, Calibrating the rearview camera/all-round vision camera

(BMW 4 Ser.,):

Resetting reference values, Initializing the rain sensor, Setting vehicle into sleep mode, Moving the air distribution flaps to service position, Unlocking the electric auxiliary heater, Adjusting the boost control rod, Initializing the air suspension, De-energizing the 48 V system, 48-V integrated starter alternator – reset production mode, Initializing the variable valve lift, Resetting transfer case adaptation values, Unlocking aux. heater/independent car heater, Resetting the ECU, Bleeding the electronic stability control, Resetting learned values of throttle valve actuator, Resetting learned values of the transmission ECU, Learning the power windows, Standardizing the liftgate, Filling/bleeding the pneumatic suspension system, Resetting the mixture adjustment, Changing automatic transmission fluid, Adapting the A/C compressor, Resetting fuel system adaptation values, Initializing the air distribution flaps, Resetting the pulse-generator ring adaptation, Initializing the tilt/slide sunroof, Calibrating the radar sensor, Calibrating the front camera, Initializing the electronic stability control sensors, Interchanged brake pipe check, Adapting the variable camshaft timing, Configuring the lane change assist, Initializing the turn signal front, De/activating the parking brake service mode, Calibrating the rearview camera/all-round vision camera

(BMW 5 Ser., NB11):

Initializing the steering-angle sensor, Initializing the longitudinal acceleration sensor, Initializing the variable valve lift, Reset learned values, Calibrating the tire pressure monitoring system, Initializing the lateral acceleration sensor, Initializing the brake-pressure sensor, Unlocking aux. heater/independent car heater, Resetting the central gateway module, Resetting the shock absorber ECU, Resetting the transport mode of ride height leveling / ride height leveling ECU, Clearing the list of stored Bluetooth devices, Resetting the ECU, De-standardizing the tilt/slide sunroof ECU, Bleeding the electronic stability control, Resetting learned values of the transmission ECU, Adapting ETC components, Resetting the EGS oil change, Learning the power windows, Resetting the DME adaptation values, Learning the power windows, Resetting learned values of light module ECU, Taking the active steering into operation, Resetting the error counter of the steering column locking, Request "Regenerate nitrogen oxide catalyst", Adjusting the xenon headlight, Adapting the active roll stabilizer, Calibrating the radar sensor, Initializing the rain/light sensor, Initializing the tilt/slide sunroof manually, Calibrating the front camera, Initializing the ride height sensor, Restarting the transmission ECU, Resetting the immobilizer

(BMW 5 Ser., XC41):

Regenerating the soot particulate filter, Setting vehicle into sleep mode, Initializing the air suspension, Taking the self-steering rear axle into operation, Deactivating the service mode of SCR ECU, Correcting the wear limit of brake linings, Filling/bleeding the SCR passive system, Initializing ride height sensors, Initializing the EGR valve, Activating the axle alignment mode for self-steering rear axle, Replacing the particle filter, Reset learned values, Initializing the steering-

angle sensor, Resetting transfer case adaptation values, Unlocking aux. heater/independent car heater, Resetting EGR valve learning values, Resetting mass airflow sensor adaptation values, Resetting learned values of swirl flap actuators, Resetting learned values of fuel pressure regulator, Resetting the ECU, Bleeding the electronic stability control, Resetting learned values of the transmission ECU, Learning the power windows, Standardizing the liftgate, Filling/bleeding the pneumatic suspension system, Reset fuel pump learning values, Learning the power windows, Initializing the glow plugs, Resetting learned values of the DEF injection system, Taking the active steering into operation, Adapting the A/C compressor, Bleeding the cooling system, Resetting the quantity mean value adaptation, Calibrating the night vision assist, Configuring the head-up display, Calibrating the radar sensor, Initializing the rain/light sensor, Activating the roller test stand mode, Initializing the tilt/slide sunroof, Calibrating the front camera, Resetting the transport mode, Aiming the headlights for targeted lighting, Adjusting the starting torque, Initializing the SCR system, Resetting long-term adaptation values of diesel exhaust fluid dosing module, Interchanged brake pipe check, Adapting the headlight motor, Configuring the lane change assist, De/activating the parking brake service mode, Calibrating the rearview camera/all-round vision camera, Calibrating the parking brake

(BMW 5 Ser.,):

Adapting the ABS/ESC control unit, De/activating the parking brake service mode, Calibrating the radar sensor, Calibrating the front camera

(BMW 7 Ser., G70), (BMW X1, U11):

Adapting the ABS/ESC control unit

(BMW i3, 7Z21):

Resetting reference values, Setting vehicle into sleep mode, Draining/filling the refrigerant circuit, Initializing the steering-angle sensor, Bleeding the electronic stability control, Learning the power windows, Adapting the A/C compressor, Initializing the A/C flap actuators, Initializing pre-programmed keys, Initializing the rain/light sensor, Initializing the tilt/slide sunroof, Calibrating the front camera, Initializing the electronic stability control sensors, Interchanged brake pipe check, De-energizing the hybrid/electric vehicle, Adapting the headlight motor, Initializing the turn signal front, De/activating the parking brake service mode, Calibrating the rearview camera/all-round vision camera

(BMW X2, YL91):

Resetting reference values, Regenerating the soot particulate filter, Adapt shifting speed regulation, Reset equipment variant, Setting vehicle into sleep mode, Adjusting the boost control rod, Activating the assembly position of the exhaust gas flap actuator, Filling/bleeding the SCR passive system, Initializing ride height sensors, Replacing components of DEF injection system, Taking the DEF tank system into operation, Resetting adaptation values

after transmission oil change, Replacing the particle filter, Initializing the variable valve lift, Initializing the steering-angle sensor, Resetting transfer case adaptation values, Unlocking aux. heater/independent car heater, Resetting EGR valve learning values, Bleeding the fuel system, Resetting the ECU, Initializing the exhaust gas flap, Bleeding the electronic stability control, Resetting learned values of throttle valve actuator, Resetting learned values of the transmission ECU, Standardizing the liftgate, Resetting the DME adaptation values, Learning the power windows, Gearbox bleeding, Resetting the mixture adjustment, Initializing the gear sensor, Resetting differential pressure sensor learning values, Adapting the A/C compressor, Resetting fuel system adaptation values, Readdressing air distribution flaps, Bleeding the cooling system, Initializing the A/C flap actuators, Activating the fuel pump, Resetting the pulse-generator ring adaptation, Resetting the quantity mean value adaptation, Resetting engine adaptation values, Resetting exhaust gas aftertreatment adaptation values, Initializing the neutral position sensor, Configuring the head-up display, Calibrating the radar sensor, Initializing the rain/light sensor, Resetting starter learning values, Calibrating the front camera, Adapting the electronic damper control, Adjusting the starting torque, Actuating the assembly position of the EGR valve, Interchanged brake pipe check, Adapting the variable camshaft timing, Adapting the headlight motor, Adapting the induction system, Initializing the turn signal front, Initializing the angular offset between the crankshaft and camshaft, De/activating the parking brake service mode, Calibrating the rearview camera/all-round vision camera

(BMW X2, U10):

Setting the maximum oil pressure, Adapting the ABS/ESC control unit, Initializing the variable valve lift, Resetting learned values of throttle valve actuator, De/activating the parking brake service mode, Calibrating the radar sensor, Calibrating the front camera

(BMW X3, 21DN):

Resetting reference values, Initializing the rain sensor, Regenerating the soot particulate filter, Setting vehicle into sleep mode, Moving the air distribution flaps to service position, Unlocking the electric auxiliary heater, Initialize minimum quantity deviation of the injectors, Adjusting the boost control rod, Activating the assembly position of the exhaust gas flap actuator, Initializing the air suspension, Deactivating the service mode of SCR ECU, De-energizing the 48 V system, Filling/bleeding the SCR passive system, Resetting learned values of the induction system, Replacing components of DEF injection system, Taking the DEF tank system into operation, Setting the maximum oil pressure, Taking the soot particulate filter into operation after replacement, Resetting adaptation values of the EGR cooling system, Replacing the particle filter, Initializing the variable valve lift, Resetting transfer case adaptation values, Bleeding the fuel system, Unlocking aux. heater/independent car heater, Resetting the ECU, Initializing the exhaust gas flap, Bleeding the electronic stability control, Resetting learned

values of throttle valve actuator, Resetting learned values of the transmission ECU, Learning the power windows, Standardizing the liftgate, Filling/bleeding the pneumatic suspension system, Resetting the mixture adjustment, Changing automatic transmission fluid, Resetting differential pressure sensor learning values, Resetting the start inhibitor of DEF injection system, Adapting the A/C compressor, Resetting fuel system adaptation values, Bleeding the cooling system, Initializing the air distribution flaps, Activating the fuel pump, Resetting the pulse-generator ring adaptation, Resetting engine adaptation values, Initializing the tilt/slide sunroof, Resetting exhaust gas aftertreatment adaptation values, Calibrating the radar sensor, Calibrating the front camera, Initializing the electronic stability control sensors, Replacing the lean NOx catalyst, Actuating the assembly position of the EGR valve, Resetting long-term adaptation values of diesel exhaust fluid dosing module, Interchanged brake pipe check, Initialize acceleration sensor, Adapting the variable camshaft timing, Performing the internal tank pressure sensor synchronization, Configuring the lane change assist, Initializing the turn signal front, Initializing the angular offset between the crankshaft and camshaft, De/activating the parking brake service mode, Calibrating the rearview camera/all-round vision camera

(BMW X4, 31DT):

Resetting reference values, Initializing the rain sensor, Regenerating the soot particulate filter, Setting vehicle into sleep mode, Moving the air distribution flaps to service position, Unlocking the electric auxiliary heater, Initialize minimum quantity deviation of the injectors, Adjusting the boost control rod, Activating the assembly position of the exhaust gas flap actuator, Initializing the air suspension, Deactivating the service mode of SCR ECU, De-energizing the 48 V system, Filling/bleeding the SCR passive system, Resetting learned values of the induction system, Replacing components of DEF injection system, Taking the DEF tank system into operation, 48-V integrated starter alternator – reset production mode, Resetting adaptation values of the EGR cooling system, Replacing the particle filter, Initializing the variable valve lift, Resetting transfer case adaptation values, Bleeding the fuel system, Unlocking aux. heater/independent car heater, Resetting the ECU, Bleeding the electronic stability control, Resetting learned values of throttle valve actuator, Resetting learned values of the transmission ECU, Learning the power windows, Standardizing the liftgate, Filling/bleeding the pneumatic suspension system, Resetting the mixture adjustment, Changing automatic transmission fluid, Resetting differential pressure sensor learning values, Resetting the start inhibitor of DEF injection system, Adapting the A/C compressor, Resetting fuel system adaptation values, Bleeding the cooling system, Initializing the air distribution flaps, Activating the fuel pump, Resetting the pulse-generator ring adaptation, Resetting engine adaptation values, Initializing the tilt/slide sunroof, Resetting exhaust gas aftertreatment adaptation values, Calibrating the radar sensor, Calibrating the front camera, Initializing the electronic stability control

<p>Service resets</p> <p>Test function</p>	<p>sensors, Replacing the lean NOx catalyst, Actuating the assembly position of the EGR valve, Resetting long-term adaptation values of diesel exhaust fluid dosing module, Interchanged brake pipe check, Adapting the variable camshaft timing, Configuring the lane change assist, Initializing the turn signal front, Initializing the angular offset between the crankshaft and camshaft, De/activating the parking brake service mode, Calibrating the rearview camera/all-round vision camera</p> <p>(BMW X3, TY91), (BMW X2, YN51), (BMW 5 Ser., 5M21), (BMW 4 Ser., 61AP), (BMW 3 Ser., 3K51), (BMW 3 Ser., 3C11), (BMW 3 Ser., DW71), (BMW 3 Ser., UU91), (BMW X4, 71CA), (BMW 3 Ser., PL31), (BMW 2 Ser., 11CK), (BMW 3 Ser., 5P51), (BMW 5 Ser., NB11), (BMW i3, 7Z21), (BMW 2 Ser., 21BY), (BMW 1 Ser., 7K31), (BMW X1, U11), (BMW X2, 71GM), (BMW 4 Ser.,)</p> <p>(BMW X3, TY91), (BMW X2, YN51), (BMW 5 Ser., 5M21), (BMW 4 Ser., 61AP), (BMW 3 Ser., 3K51), (BMW 3 Ser., 3C11), (BMW 3 Ser., DW71), (BMW 3 Ser., UU91), (BMW X4, 71CA), (BMW 3 Ser., PL31), (BMW 2 Ser., 11CK), (BMW 3 Ser., 5P51), (BMW 5 Ser., NB11), (BMW i3, 7Z21), (BMW 1 Ser., 7K31), (BMW X2, 71GM), (BMW 4 Ser.,), (BMW 5 Ser.,)</p>
<p>Chevrolet/Daewoo</p>	
<p>Trouble codes</p> <p>Parameters</p> <p>Actuators</p>	<p>(Chevrolet/Daewoo Cruze, J300), (Chevrolet/Daewoo Captiva, C100), (Chevrolet/Daewoo Aveo/Kalos/Lanos, T300), (Chevrolet/Daewoo Orlando, J309), (Chevrolet/Daewoo Volt, GMC), (Chevrolet/Daewoo Trax, KL1B)</p> <p>(Chevrolet/Daewoo Cruze, J300), (Chevrolet/Daewoo Captiva, C100), (Chevrolet/Daewoo Aveo/Kalos/Lanos, T300), (Chevrolet/Daewoo Orlando, J309), (Chevrolet/Daewoo Volt, GMC), (Chevrolet/Daewoo Trax, KL1B)</p> <p>(Chevrolet/Daewoo Captiva, C100)</p>
<p>Chrysler</p>	
<p>Trouble codes</p> <p>Parameters</p>	<p>(Chrysler 300C, LX), (Chrysler Grand Voyager, RT), (Chrysler Voyager, RG,RS), (Chrysler PT Cruiser, PT), (Chrysler Grand Voyager, RG,RS), (Chrysler Sebring, JS)</p> <p>(Chrysler 300C, LX), (Chrysler Grand Voyager, RT), (Chrysler Voyager, RG,RS), (Chrysler PT Cruiser, PT), (Chrysler Grand Voyager, RG,RS), (Chrysler Sebring, JS)</p>

Citroen

Trouble codes

(Citroen C8, V), (Citroen C8, E), (Citroen C4, N), (Citroen DS5, K), (Citroen C-Elysee, D), (Citroen C4 Picasso, 3), (Citroen C1, P), (Citroen Berlingo-III, 7), (Citroen Jumpy-IV, V), (Citroen SpaceTourer, V), (Citroen C3, SX), (Citroen C3 Aircross, None), (Citroen Berlingo-IV, E), (Citroen C4 SpaceTourer, 3), (Citroen C4 Cactus-II, 0), (Citroen C5 Aircross, A), (Citroen SpaceTourer,), (Citroen C5 X, N), (Citroen C3, S), (Citroen DS5,), (Citroen C1, P****), (Citroen C4, B), (Citroen C5, N), (Citroen C3, SX, SY)

Parameters

(Citroen C4, N), (Citroen DS5, K), (Citroen C-Elysee, D), (Citroen C4 Picasso, 3), (Citroen C1, P), (Citroen Berlingo-III, 7), (Citroen Jumpy-IV, V), (Citroen SpaceTourer, V), (Citroen C3, SX), (Citroen C3 Aircross, None), (Citroen Berlingo-IV, E), (Citroen C4 SpaceTourer, 3), (Citroen C4 Cactus-II, 0), (Citroen C5 Aircross, A), (Citroen SpaceTourer,), (Citroen C5 X, N), (Citroen C3, S), (Citroen DS5,), (Citroen C1, P****), (Citroen C4, B), (Citroen C5, N), (Citroen C3, SX, SY)

Actuators

(Citroen C6, T), (Citroen C5, R), (Citroen DS3, S), (Citroen C3 Picasso, SH), (Citroen C3, SC), (Citroen C4, N), (Citroen DS5, K), (Citroen C-Elysee, D), (Citroen C4 Picasso, 3), (Citroen Berlingo-III, 7), (Citroen Jumpy-IV, V), (Citroen SpaceTourer, V), (Citroen C3, SX), (Citroen C3 Aircross, None), (Citroen DS4, N), (Citroen Berlingo-IV, E), (Citroen C4 SpaceTourer, 3), (Citroen C4 Cactus-II, 0), (Citroen C5 Aircross, A), (Citroen SpaceTourer,), (Citroen C5 X, N), (Citroen C3, S), (Citroen DS5,), (Citroen C4, B), (Citroen C5, N), (Citroen C3, SX, SY)

Basic settings

(Citroen C5 X, N):
Calibrating the corner radar dynamically

Cupra

Trouble codes

(Cupra Formentor, KM), (Cupra Leon, KL), (Cupra Ateca, KH), (Cupra Born, K1)

Parameters

(Cupra Formentor, KM), (Cupra Leon, KL), (Cupra Ateca, KH), (Cupra Born, K1)

Actuators

(Cupra Formentor, KM), (Cupra Leon, KL), (Cupra Ateca, KH), (Cupra Born, K1)

Codings

(Cupra Ateca, KH):
Coding the power operated tailgate module, De/activating the trailer hitch, Expert mode ECU coding, General ECU replacement, Adapting the trailer hitch to advanced driver assistance systems, Registering the battery, Coding the parking assist, Adjust parking assistance volume, Synchronisation of the remote control, Coding the trailer detection, Coding the steering-column module, Coding the

| Basic settings

rain/light sensor, Coding the language version, Deactivating/activating the transport mode, Coding the gateway installation list

(Cupra Born, K1):

Deactivating/activating the transport mode

(Cupra Formentor, KM), (Cupra Leon, KL):

Registering the battery, Coding injectors, Deactivating/activating the transport mode

(Cupra Ateca, KH):

Regenerating the soot particulate filter, Initializing the seat belt tensioner ECU, Initializing the 4WD clutch oil pump, Filling fuel lines of parking heater/auxiliary heater, Performing basic settings of emergency call system/telematics system, Deactivate/activate diagnostic filter, Initializing the brake-pressure sensor, Initializing the steering-angle sensor, Bleeding the fuel system, Unlocking aux. heater/independent car heater, Resetting the impact mode, Adapting the soot particulate filter, Initializing the throttle valve, Initializing the ESC sensors, Adapting the fuel burning heater remote control, Performing transmission adaptations, Reducing fuel high pressure, Standardizing the liftgate, Adapting the radiator shutter, Initializing the adaptive cruise control, Bleeding the cooling system, Initializing the A/C flap actuators, Resetting engine adaptation values, Initializing the tilt/slide sunroof, Initializing the neutral position sensor, Regenerating the soot particulate filter, Resetting learned values of injectors, Initialising the boost pressure regulator, Special bleeding, Initializing the clutch pedal position, Performing the initial run-in of the air conditioning compressor, Adapting the electronic damper control, Parking brake maintenance work, Calibrating the camera ECU, Adjust headlight with/without dynamic light control (DLA), Burning off aux. heater/independent car heater, Activating the retrofitted parking heater, Initializing the alternator, Resetting timing chain adaptation values

(Cupra Born, K1):

Deactivate/activate diagnostic filter, Initializing the brake-pressure sensor, Initializing the ESC sensors, Initializing the adaptive cruise control, Parking brake maintenance work, Calibrating the camera ECU

(Cupra Formentor, KM):

Initializing the oxidation catalyst, De-energizing the 48 V system, Putting the 48 V system back into operation, Deactivate/activate diagnostic filter, Bleeding the fuel system, Adapting the soot particulate filter, Initializing the adaptive cruise control, Resetting the diesel exhaust fluid level, Performing engine adaptations, Bleeding the cooling system, Adjusting the headlights, Resetting the start inhibitor of DEF injection system, Regenerating the soot particulate filter, Activating the roller test stand mode, Parking brake maintenance work, Calibrating the camera ECU

(Cupra Leon, KL):

	<p>Initializing the oxidation catalyst, Deactivate/activate diagnostic filter, Bleeding the fuel system, Adapting the soot particulate filter, Initializing the adaptive cruise control, Resetting the diesel exhaust fluid level, Performing engine adaptations, Bleeding the cooling system, Adjusting the headlights, Resetting the start inhibitor of DEF injection system, Regenerating the soot particulate filter, Activating the roller test stand mode, Parking brake maintenance work, Calibrating the camera ECU</p>
<p> Service resets</p>	<p>(Cupra Ateca, KH), (Cupra Born, K1), (Cupra Formentor, KM), (Cupra Leon, KL)</p>
<p> Test function</p>	<p>(Cupra Ateca, KH), (Cupra Formentor, KM), (Cupra Leon, KL)</p>
<p> Secured by Cyber Security Management (CSM) system Capable for diagnostics only with Cyber Security Management</p>	<p>(Cupra Formentor, KM), (Cupra Born, K1), (Cupra Leon, KL)</p>

Dacia

<p> Trouble codes</p>	<p>(Dacia Duster-III, HMMA), (Dacia Spring Electric, DBG), (Dacia Jogger, DJF), (Dacia Sandero-II, 5SDR,5SDM), (Dacia Lodgy, JSJL,JSN7), (Dacia Sandero-III, DJ)</p>
<p> Parameters</p>	<p>(Dacia Duster-III, HMMA), (Dacia Spring Electric, DBG), (Dacia Jogger, DJF), (Dacia Sandero-II, 5SDR,5SDM), (Dacia Lodgy, JSJL,JSN7), (Dacia Sandero-III, DJ)</p>
<p> Actuators</p>	<p>(Dacia Duster-III, HMMA), (Dacia Sandero-II, 5SDR,5SDM), (Dacia Lodgy, JSJL,JSN7)</p>
<p> Codings</p>	<p>(Dacia Duster-III, HSDA): Airbag ECU locking/unlocking , Coding injectors, Coding the language version</p> <p>(Dacia Lodgy, JSJL,JSN7): Airbag ECU locking/unlocking , Coding injectors, Coding the language version, Coding the tire size</p> <p>(Dacia Sandero-II, 5SDR,5SDM): Airbag ECU locking/unlocking , Coding the language version, Coding the tire size</p>
<p> Basic settings</p>	<p>(Dacia Duster-III, HSDA): Resetting oxygen sensor adaptation values, Reset low-pressure EGR learned values, Regenerating the soot particulate filter, Adapting the clutch assembly, Initializing the differential pressure sensor, Bleeding the ABS hydraulic unit, Initializing the mass airflow sensor, Initializing the steering-angle sensor, Resetting EGR valve learning values, Initializing the exhaust gas flap, Reset learned values of intake-air flap., Resetting high-pressure fuel pump adaptation values, Resetting the start inhibitor of DEF</p>

<p>Service resets</p> <p>Secured by Cyber Security Management (CSM) system Capable for diagnostics only with Cyber Security Management</p>	<p>injection system, Resetting the gearbox oil ageing counter, After particulate filter replacement, Initializing the fuel pressure sensor or the fuel rail</p> <p>(Dacia Jogger, DJF), (Dacia Sandero-III, DJ), (Dacia Spring Electric, DBG): Replacing emergency battery of emergency call system/ telematics system</p> <p>(Dacia Lodgy, JSJL,JSN7): Resetting oxygen sensor adaptation values, Reset low-pressure EGR learned values, Regenerating the soot particulate filter, Initializing the differential pressure sensor, Initializing the mass airflow sensor, Resetting EGR valve learning values, Initializing the steering-angle sensor, Initializing the exhaust gas flap, Reset learned values of intake-air flap., Resetting high-pressure fuel pump adaptation values, Resetting the start inhibitor of DEF injection system, After particulate filter replacement, Initializing the fuel pressure sensor or the fuel rail</p> <p>(Dacia Sandero-II, 5SDR,5SDM): Bleeding the ABS hydraulic unit, Initializing the throttle valve, Resetting learned values of steering angle sensor, Initializing the steering-angle sensor, Resetting the mixture adjustment, Initializing the starter ring gear, Adapting the variable camshaft timing</p> <p>(Dacia Sandero-II, 5SDR,5SDM), (Dacia Lodgy, JSJL,JSN7)</p> <p>(Dacia Spring Electric, DBG), (Dacia Jogger, DJF), (Dacia Sandero-III, DJ)</p>
<p>Dodge</p> <p>Trouble codes</p> <p>Parameters</p>	<p>(Dodge Durango, HB), (Dodge Nitro, KA), (Dodge Charger, LX), (Dodge Caliber, PM), (Dodge RAM, DC,DH,DM,DR,D1), (Dodge RAM, DD,DJ,DP,DS,D2), (Dodge Challenger, LA), (Dodge Charger, LD), (Dodge Durango, WD)</p> <p>(Dodge Durango, HB), (Dodge Charger, LX), (Dodge RAM, AB), (Dodge RAM, BE,BR), (Dodge RAM, DD,DJ,DP,DS,D2), (Dodge Challenger, LA), (Dodge Charger, LD), (Dodge Durango, WD)</p>
<p>DS Automobiles</p> <p>Trouble codes</p> <p>Parameters</p>	<p>(DS Automobiles DS7, J), (DS Automobiles DS3 Crossback, U), (DS Automobiles DS4-II, F), (DS Automobiles DS3-II, U)</p> <p>(DS Automobiles DS7, J), (DS Automobiles DS3 Crossback, U), (DS Automobiles DS4-II, F), (DS Automobiles DS3-II, U)</p>

<p> Actuators</p>	<p>(DS Automobiles DS7, J), (DS Automobiles DS3 Crossback, U), (DS Automobiles DS4-II, F), (DS Automobiles DS3-II, U)</p>
<p> Basic settings</p>	<p>(DS Automobiles DS4-II, F): Replace DEF injector, Calibrating the corner radar dynamically</p>
<p>Fiat</p>	
<p> Trouble codes</p>	<p>(Fiat Punto (199), 199), (Fiat Fiorino (225), 225), (Fiat Qubo (300), 300), (Fiat Ducato-V (250), 250), (Fiat Doblo (152/263), 263), (Fiat Panda (319), 319), (Fiat Idea (350), 350), (Fiat 500 (312), 312), (Fiat Bravo (198), 198), (Fiat Ducato-IV (244), 244), (Fiat Linea (323), 323), (Fiat 500L (330), 330), (Fiat Ducato-VI (290), 290 (EU5)), (Fiat 500X (334), 334), (Fiat Fullback, KT0T), (Fiat Ducato-VI (290), 290 (EU6)), (Fiat 124 Spider (348), 348), (Fiat Tipo (356), 356), (Fiat Ducato-VI (290), 290 (EU6D)), (Fiat 600 (365), 365), (Fiat Panda (319), 312), (Fiat 500 (332), 332)</p>
<p> Parameters</p>	<p>(Fiat Punto (199), 199), (Fiat Fiorino (225), 225), (Fiat Qubo (300), 300), (Fiat Ducato-V (250), 250), (Fiat Doblo (152/263), 263), (Fiat Panda (319), 319), (Fiat Idea (350), 350), (Fiat 500 (312), 312), (Fiat Bravo (198), 198), (Fiat Ducato-IV (244), 244), (Fiat Linea (323), 323), (Fiat 500L (330), 330), (Fiat Ducato-VI (290), 290 (EU5)), (Fiat 500X (334), 334), (Fiat Fullback, KT0T), (Fiat Ducato-VI (290), 290 (EU6)), (Fiat 124 Spider (348), 348), (Fiat Tipo (356), 356), (Fiat Panda (319), 312)</p>
<p> Actuators</p>	<p>(Fiat Punto (199), 199), (Fiat Fiorino (225), 225), (Fiat Qubo (300), 300), (Fiat Ducato-V (250), 250), (Fiat Idea (350), 350), (Fiat 500 (312), 312), (Fiat Bravo (198), 198), (Fiat Ducato-IV (244), 244), (Fiat Linea (323), 323), (Fiat Panda (319), 319), (Fiat 500X (334), 334), (Fiat Tipo (356), 356)</p>
<p> Codings</p>	<p>(Fiat 500X (334), 334): Coding the trailer hitch, Proxy alignment, Coding the instrument cluster, Deactivating the transport mode</p> <p>(Fiat Panda (319), 319): Coding injectors, Deactivating the transport mode</p> <p>(Fiat Tipo (356), 356): Coding the trailer hitch, Registering the battery, Deactivating the transport mode</p>
<p> Basic settings</p>	<p>(Fiat 500 (312), 312): Performing transmission adaptations</p> <p>(Fiat 500X (334), 334): Initializing the brake-pressure sensor, Initializing the adaptive cruise control, Readdressing air distribution flaps, Initializing the steering-angle sensor, De/activating the electric parking brake service mode, Calibrating the camera ECU</p>

	<p>(Fiat Panda (319), 319): Regenerating the soot particulate filter, Initializing the low pressure EGR valve, Resetting alternator overheating counter, Initializing the fuel high-pressure sensor, Resetting learned values of oxygen sensor 1, Resetting learned values of oxygen sensor 2, Initializing the soot particulate filter upon replacement, Performing transmission adaptations, Initializing the high-pressure pump/flow control, Resetting engine adaptation values of auxiliary aggregates/systems, Adapting the zero position of the pulse-generator ring, Resetting the indicator light "Water in fuel", Initializing the neutral position sensor, Resetting mass airflow sensor adaptation values, Learning the turbocharger, Initializing the clutch pedal position, Resetting learned values of NOx adsorption catalyst, Resetting differential pressure sensor learning values</p>
	<p>(Fiat Tipo (356), 356): Calibrating the tire pressure monitoring system, Initializing the adaptive cruise control, Initializing the A/C flap actuators, Activating the fuel pump, Initializing the steering-angle sensor, Calibrating the camera ECU</p>
<p> Service resets</p>	<p>(Fiat Panda (319), 319), (Fiat 500X (334), 334), (Fiat Tipo (356), 356)</p>
<p> Test function</p>	<p>(Fiat Panda (319), 319), (Fiat 500X (334), 334), (Fiat Tipo (356), 356)</p>
<p> Secured by Cyber Security Management (CSM) system Capable for diagnostics only with Cyber Security Management</p>	<p>(Fiat Doblo (152/263), 263), (Fiat 500L (330), 330), (Fiat 500X (334), 334), (Fiat 500 (332), 332)</p>

Ford

<p> Trouble codes</p>	<p>(Ford Focus 04, DYB), (Ford Mondeo 04, BA7), (Ford Transit 09, FME6,FMG6,FMH6,FNF6,FMF6,FFG6,FFH6,FFF6), (Ford Fiesta 07, JA8), (Ford Kuga 02, DM2), (Ford Ecosport, JK8), (Ford Tourneo Connect 03, JU2), (Ford Fiesta 08, JJH), (Ford Tourneo Connect 04, SK), (Ford KA+, KAF), (Ford C-Max 01, DM2), (Ford Tourneo Connect 01, PT2), (Ford Mondeo 05, BA7), (Ford C-Max 02, DM2), (Ford Galaxy 03, WA6), (Ford S-Max 01, WA6), (Ford C-Max 03, DXA), (Ford B-Max, JK8), (Ford Focus 05, DYB), (Ford C-Max 04, DXA), (Ford S-Max 02, WA6), (Ford Focus 03, DA3), (Ford Tourneo Connect 02, PT2), (Ford Ranger 04, 2AB), (Ford Transit 10, FAC), (Ford Ranger 05, 2AB), (Ford Galaxy 04, WA6), (Ford Edge, TK), (Ford Mustang 06, LAE), (Ford Focus 06, HN), (Ford Mustang Mach-E, LSK), (Ford F150,), (Ford Kuga 03, DFK), (Ford Puma 02, J2K), (Ford Transit 11, FAC), (Ford Ranger 06, TKE)</p>
<p> Parameters</p>	<p>(Ford Focus 04, DYB), (Ford Mondeo 04, BA7), (Ford Transit 09, FME6,FMG6,FMH6,FNF6,FMF6,FFG6,FFH6,FFF6), (Ford Fiesta 07, JA8), (Ford Kuga 02, DM2), (Ford Ecosport, JK8),</p>

| Codings

| Basic settings

(Ford Tourneo Connect 03, JU2), (Ford Fiesta 08, JJH), (Ford Tourneo Connect 04, SK), (Ford KA+, KAF), (Ford Mondeo 05, BA7), (Ford Galaxy 03, WA6), (Ford S-Max 01, WA6), (Ford C-Max 03, DXA), (Ford B-Max, JK8), (Ford Focus 05, DYB), (Ford C-Max 04, DXA), (Ford S-Max 02, WA6), (Ford Ranger 04, 2AB), (Ford Transit 10, FAC), (Ford Ranger 05, 2AB), (Ford Galaxy 04, WA6), (Ford Edge, TK), (Ford Mustang 06, LAE), (Ford Focus 06, HN), (Ford Mustang Mach-E, LSK), (Ford F150,), (Ford Kuga 03, DFK), (Ford Puma 02, J2K), (Ford Transit 11, FAC), (Ford Focus 03, DYB), (Ford Ranger 06, TKE)

(Ford C-Max 04, DXA), (Ford Transit 10, FAC):
Coding injectors

(Ford C-Max 04, DXA):
Resetting battery monitoring data, Resetting the fuel low pressure adaptation values, Regenerating the soot particulate filter, Resetting the turbocharger upon cleaning, Bleeding the ABS/ESC system, Initializing the steering-angle sensor, Resetting EGR valve learning values, Initializing the brake-pressure sensor, Initializing the adaptive cruise control, Resetting the particulate filter learning values, Learning the power windows, Resetting self-adaptation parameters, Initializing the fuel high-pressure sensor, Standardizing the liftgate, Resetting adaptation values of ABS ECU, Adapting the radiator shutter, Resetting the intake manifold flap learning values, Resetting misfire and knock counter, Resetting engine adaptation values, Resetting learned values of injectors, Initializing the longitudinal acceleration sensor, Resetting rail pressure, Resetting ECM engine learning values, Initializing the lateral acceleration sensor, Resetting mass airflow sensor adaptation values, Initialize tire pressure sensors, Activating the tire pressure sensors, Correcting straight-running stability, Calibrating the steering wheel position sensor, Initializing the tilt/slide sunroof, Initializing the SCR system, Resetting the variable turbocharger adaptation values, Teach-in battery sensor module, Calibrating the lane departure warning system camera, Initializing the forward collision warning system, Resetting differential pressure sensor learning values

(Ford Edge, TK):
Regenerating the soot particulate filter, Bleeding the ABS/ESC system, Resetting EGR valve learning values, Initializing the longitudinal acceleration sensor, Resetting gearbox learning values, Initializing the adaptive cruise control, Resetting the particulate filter learning values, Learning the power windows, Initializing the fuel high-pressure sensor, Resetting the indicator light "Water in fuel", Initializing the crankshaft position, Resetting the intake manifold flap learning values, Resetting oxygen sensor adaptation values, Resetting engine adaptation values, Resetting learned values of injectors, Resetting learned values of camshaft sensor, Calibrating the parking brake, Resetting mass airflow sensor adaptation values, Initialize tire pressure sensors, Activating the tire pressure sensors, Initializing the tilt/slide sunroof, Resetting the exhaust temperature values, Resetting the

variable turbocharger adaptation values, Teach-in battery sensor module, Calibrating the lane departure warning system camera, De/activating the parking brake service mode, Resetting differential pressure sensor learning values

(Ford Fiesta 08, JJH):

Resetting learned values of the interface module, Initializing the adaptive cruise control, Resetting engine adaptation values, Initialize tire pressure sensors, Activating the tire pressure sensors, Teach-in battery sensor module, Calibrating the lane departure warning system camera

(Ford Focus 06, HN), (Ford Puma 02, J2K):

Adjusting/calibrating the matrix LED headlight

(Ford Kuga 03, DM2):

Activating/deactivating the brake system service mode, Bleeding the ABS/ESC system, Initializing the adaptive cruise control, Calibrating the parking brake, Resetting misfire and knock counter, Initializing lateral/longitudinal/rotation acceleration sensor, Initialize tire pressure sensors, Activating the tire pressure sensors, Teach-in battery sensor module, Calibrating the lane departure warning system camera, Adjusting/calibrating the matrix LED headlight

(Ford Ranger 05, 2AB):

Resetting the fuel low pressure adaptation values, Regenerating the soot particulate filter, Initializing the crankshaft sensor, Resetting adaptation values of high-pressure fuel system, Filling the regeneration additive container, Resetting EGR valve learning values, Resetting mass airflow sensor adaptation values, Resetting the particulate filter learning values, Emptying/filling the diesel exhaust fluid tank, Resetting learned values of the DEF injection system, Resetting differential pressure sensor learning values, Resetting learned values of injectors, Resetting exhaust-gas temperature sensor adaptation values of soot particulate filter

(Ford Ranger 06,):

Teach-in battery sensor module

(Ford S-Max 02, WA6):

Resetting learned values of the DEF injection system

(Ford Transit 10, FAC):

Resetting the fuel low pressure adaptation values, Regenerating the soot particulate filter, Resetting adaptation values of high-pressure fuel system, Fill the DEF tank, Cleaning the turbocharger, Initializing the SCR system – Version 1, Initializing the SCR system – Version 2, Initializing the steering-angle sensor, Initializing the longitudinal acceleration sensor, Resetting gearbox learning values, Initializing the adaptive cruise control, Resetting the particulate filter learning values, Learning the power windows, Emptying/filling the diesel exhaust fluid tank, Resetting learned values of the DEF injection system, Resetting the indicator light "Water in fuel", Resetting the intake manifold flap learning values, Resetting engine adaptation values, Resetting the start inhibitor of DEF injection system, Resetting learned values of injectors,

<p>Service resets</p>	<p>Resetting mass airflow sensor adaptation values, Initialize tire pressure sensors, Activating the tire pressure sensors, Initializing the tilt/slide sunroof, Resetting the exhaust temperature values, Resetting the variable turbocharger adaptation values, Teach-in battery sensor module, Resetting EGR valve learning values, Calibrating the lane departure warning system camera, Resetting differential pressure sensor learning values</p> <p>(Ford Fiesta 08, JJH), (Ford C-Max 04, DXA), (Ford Edge, TK), (Ford Transit 10, FAC), (Ford Kuga 03, DFK), (Ford Ranger 06, TKE)</p>
<p>Test function</p>	<p>(Ford Ranger 05, 2AB), (Ford Transit 10, FAC)</p>
<p>Honda</p>	
<p>Trouble codes</p>	<p>(Honda HR-V, RU1)</p>
<p>Parameters</p>	<p>(Honda HR-V, RU1)</p>
<p>Basic settings</p>	<p>(Honda HR-V, RU1): Resetting adaptation values of the emergency brake assistant, Actuating the installation/removal position of the parking brake, Calibrating the parking brake, Resetting battery discharging current values, Calibrating the camera ECU</p>
<p>Service resets</p>	<p>(Honda HR-V, RU1)</p>
<p>Hyundai</p>	
<p>Trouble codes</p>	<p>(Hyundai Grand Santa Fe, NC), (Hyundai Tucson, TL), (Hyundai Genesis, DH), (Hyundai ix35, EL), (Hyundai i40 / i40cw, VF), (Hyundai i30 / i30cw, GD), (Hyundai Santa Fe, DM), (Hyundai Sonata / i45, YF), (Hyundai Sonata / i45, YF HEV), (Hyundai i10, IA), (Hyundai i20, GB), (Hyundai ix35, LM FCEV), (Hyundai Ioniq, AE HEV), (Hyundai Ioniq, AE), (Hyundai i30 / i30cw, PD), (Hyundai Grandeur / Azera, IG), (Hyundai Kona, OS), (Hyundai H350, EU(V)), (Hyundai H350, EU(B)), (Hyundai H350, EU), (Hyundai Santa Fe, TM), (Hyundai i10, AC3), (Hyundai i20, BC3), (Hyundai Tucson, NX4), (Hyundai Bayon, BC3), (Hyundai Ioniq, NE), (Hyundai Ioniq, CE)</p>
<p>Parameters</p>	<p>(Hyundai Grand Santa Fe, NC), (Hyundai Tucson, TL), (Hyundai ix35, EL), (Hyundai i40 / i40cw, VF), (Hyundai i30 / i30cw, GD), (Hyundai Santa Fe, DM), (Hyundai i10, IA), (Hyundai i20, GB), (Hyundai ix35, LM FCEV), (Hyundai Ioniq, AE HEV), (Hyundai Ioniq, AE), (Hyundai i30 / i30cw, PD), (Hyundai Grandeur / Azera, IG), (Hyundai Kona, OS), (Hyundai H350, EU(V)), (Hyundai H350, EU(B)), (Hyundai</p>

<p> Actuators</p> <p> Secured by Cyber Security Management (CSM) system Capable for diagnostics only with Cyber Security Management</p>	<p>H350, EU), (Hyundai Santa Fe, TM), (Hyundai i10, AC3), (Hyundai i20, BC3), (Hyundai Tucson, NX4), (Hyundai Bayon, BC3), (Hyundai Ioniq, NE), (Hyundai Ioniq, CE)</p> <p>(Hyundai Grand Santa Fe, NC), (Hyundai Tucson, TL), (Hyundai ix35, EL), (Hyundai Santa Fe, DM), (Hyundai ix35, LM FCEV), (Hyundai Ioniq, AE HEV), (Hyundai Ioniq, AE), (Hyundai Kona, OS)</p> <p>(Hyundai Santa Fe, TM), (Hyundai i20, BC3), (Hyundai Tucson, NX4), (Hyundai Bayon, BC3), (Hyundai Ioniq, NE), (Hyundai Ioniq, CE)</p>
<p>Isuzu</p>	
<p> Trouble codes</p>	<p>(Isuzu D-Max, TF)</p>
<p> Parameters</p>	<p>(Isuzu D-Max, TF)</p>
<p>Iveco</p>	
<p> Trouble codes</p>	<p>(Iveco Daily VI, 35C16)</p>
<p> Parameters</p>	<p>(Iveco Daily VI, 35C16)</p>
<p> Basic settings</p> <p> Service resets</p>	<p>(Iveco Daily VI, 35C16): Initializing the diesel exhaust fluid injector, Initializing the differential pressure sensor, Bleeding the ABS hydraulic unit, Resetting mass airflow sensor adaptation values, Resetting the particulate filter learning values, Initializing the fuel high-pressure sensor, Resetting oxygen sensor adaptation values, Resetting catalyst adaptation values, Resetting learned values of the boost pressure sensor</p> <p>(Iveco Daily VI, 35C16)</p>
<p>Jaguar</p>	
<p> Trouble codes</p>	<p>(Jaguar XK, X100), (Jaguar S-Type, X200), (Jaguar X-Type, X400), (Jaguar S-Type, X202), (Jaguar XJ, X350), (Jaguar XF, X250), (Jaguar XK, X150), (Jaguar XJ, X351), (Jaguar F-Type, X152), (Jaguar XE, X760), (Jaguar F-Pace, X761), (Jaguar XF, X260), (Jaguar E-Pace, X540), (Jaguar I-Pace, X590), (Jaguar F-Type,), (Jaguar F-Type, QQ6), (Jaguar F-Pace, DC)</p>
<p> Parameters</p>	<p>(Jaguar XK, X100), (Jaguar S-Type, X200), (Jaguar X-Type, X400), (Jaguar S-Type, X202), (Jaguar XJ, X350), (Jaguar XF, X250), (Jaguar XK, X150), (Jaguar XJ, X351), (Jaguar F-Type,</p>

	X152), (Jaguar XE, X760), (Jaguar F-Pace, X761), (Jaguar XF, X260), (Jaguar E-Pace, X540), (Jaguar I-Pace, X590), (Jaguar F-Type,), (Jaguar F-Type, QQ6), (Jaguar F-Pace, DC)
Actuators	(Jaguar XF, X260)
Codings	(Jaguar XF, X260): Registering the battery, Coding injectors, Coding the tire pressure check
Basic settings	(Jaguar E-Pace, X540): De/activating the parking brake service mode (Jaguar XF, X260): Reset low-pressure EGR learned values, Initializing the rain sensor, Regenerating the soot particulate filter, Replacing the particle filter, Resetting mass airflow sensor adaptation values, Calibrating the front camera, Resetting the swirl flap adaptation values, Adjusting the headlights, Learning the power windows, Reset fuel pump learning values, Resetting the A/C compressor learning values, Resetting the indicator light "Water in fuel", Initializing the A/C flap actuators, Resetting oxygen sensor adaptation values, Resetting engine adaptation values, Initializing the tilt/slide sunroof, Resetting differential pressure sensor learning values, Replacing the fuel pre-supply pump, Activating the service mode, Initializing the SCR system, Adapting the injection quantity, Adjusting the ride height, Adapting the induction system, Switching on/off the fuel pump, De/activating the parking brake service mode
Service resets	(Jaguar XF, X260)
Test function	(Jaguar XF, X260)
Jeep	
Trouble codes	(Jeep Grand Cherokee (WK), WH,WK), (Jeep Wrangler, JK), (Jeep Commander, XK,XH), (Jeep Cherokee (KJ), KJ), (Jeep Compass (MK), MK), (Jeep Cherokee (KL), KL), (Jeep Cherokee (KK), KK), (Jeep Grand Cherokee (WK), WH), (Jeep Renegade (BU), BU), (Jeep Compass (MP), MP), (Jeep Renegade (BV), BV), (Jeep None, JL)
Parameters	(Jeep Grand Cherokee (WK), WH,WK), (Jeep Commander, XK,XH), (Jeep Cherokee (KJ), KJ), (Jeep Cherokee (KL), KL), (Jeep Cherokee (KK), KK), (Jeep Grand Cherokee (WK), WH), (Jeep Renegade (BU), BU), (Jeep Compass (MK), MK), (Jeep Compass (MP), MP), (Jeep Renegade (BV), BV), (Jeep Wrangler, JK)
Actuators	(Jeep Cherokee (KL), KL), (Jeep Renegade (BU), BU), (Jeep Wrangler, JK)

<p>Codings</p>	<p>(Jeep Renegade (BU), BU): Coding the tire pressure sensor ID, Coding the trailer detection, Coding injectors, Deactivating the transport mode</p> <p>(Jeep Wrangler, JK): Coding the country version, Coding the automatic locking of doors, Coding instrument cluster units, Coding the language version of instrument cluster, Coding the tank sensor/door unlocking, Confirming c/locking with hazard warning lights</p>
<p>Basic settings</p>	<p>(Jeep Grand Cherokee (WK), WH), (Jeep Grand Cherokee (WK), WH,WK): Initializing the adaptive cruise control</p> <p>(Jeep Renegade (BU), BU): Initializing the soot particulate filter, Initializing the fuel high-pressure sensor, Initializing the EGR valve, Learning the turbocharger, Initializing the brake-pressure sensor, Resetting mass airflow sensor adaptation values, Initializing the steering-angle sensor, Resetting gearbox learning values, Initializing the adaptive cruise control, Adapting the clutch biting point, Initializing the air distribution flaps, Learning the lambda sensor, De/activating the parking brake service mode, Calibrating the camera ECU, Initializing the alternator, Resetting differential pressure sensor learning values</p> <p>(Jeep Wrangler, JK): Bleeding the ABS hydraulic unit, Resetting gearbox learning values, Calibrating the tire pressure monitoring system manually, Resetting adaptation values of ABS ECU, Initializing the A/C flap actuators, Initializing the engine ECU, Initializing the crankshaft position sensor, Cleaning the oil control valve</p>
<p>Service resets</p>	<p>(Jeep Wrangler, JK), (Jeep None, JL), (Jeep Renegade (BU), BU)</p>
<p>Test function</p>	<p>(Jeep Renegade (BU), BU), (Jeep Wrangler, JK)</p>
<p>Secured by Cyber Security Management (CSM) system Capable for diagnostics only with Cyber Security Management</p>	<p>(Jeep Grand Cherokee (WK), WH,WK), (Jeep Renegade (BU), BU), (Jeep Cherokee (KL), KL), (Jeep Compass (MP), MP), (Jeep Renegade (BV), BV), (Jeep None, JL)</p>

Land-Rover

| Trouble codes

(Land-Rover Range Rover Sport (L, L320), (Land-Rover Range Rover-III (L32, L322), (Land-Rover Discovery-IV (L319), L319), (Land-Rover Range Rover Evoque-I, L538), (Land-Rover Freelander-II (L359), L359), (Land-Rover Range Rover-IV (L405, L405), (Land-Rover Range Rover Sport (L, L494), (Land-Rover Discovery Sport (L55, L550), (Land-Rover Discovery-V (L462), L462), (Land-Rover Range Rover Velar, L560), (Land-Rover Range Rover Evoque-I, L551), (Land-Rover Defender-III, L663)

| Parameters

(Land-Rover Range Rover Sport (L, L320), (Land-Rover Range Rover-III (L32, L322), (Land-Rover Discovery-IV (L319), L319), (Land-Rover Range Rover Evoque-I, L538), (Land-Rover Range Rover-IV (L405, L405), (Land-Rover Range Rover Sport (L, L494), (Land-Rover Discovery Sport (L55, L550), (Land-Rover Discovery-V (L462), L462), (Land-Rover Range Rover Evoque-I, L551)

| Actuators

(Land-Rover Range Rover Sport (L, L494)

| Codings

(Land-Rover Range Rover Evoque-I, L551):
Registering the battery, Coding the tire pressure check

(Land-Rover Range Rover Sport (L, L494):
Registering the battery, Coding injectors, Coding the tire pressure check

| Basic settings

(Land-Rover Range Rover Evoque-I, L538):
Calibrating the front camera

(Land-Rover Range Rover Evoque-I, L551):
Resetting oxygen sensor adaptation values, Resetting throttle valve adaptation values, Initializing the rain sensor, Adapting the SCR catalyst upon replacement, Calibrate radar dynamically, Replacing the diesel exhaust fluid pump, Initializing the EGR valve, Replacing the particle filter, Initializing the steering-angle sensor, Resetting EGR valve learning values, Initializing the brake-pressure sensor, Resetting mass airflow sensor adaptation values, Calibrating the front camera, Resetting learned values of the oxidation catalyst, De/activating the parking brake service mode, Initializing the glow plugs, Replace the throttle valve actuator, Adapting the turbine wheel shut-off valve, Resetting differential pressure sensor learning values, Resetting the start inhibitor of DEF injection system, Resetting the A/C compressor learning values, Resetting the indicator light "Water in fuel", Activating the fuel pump, Resetting engine adaptation values, Performing the initial run-in of the air conditioning compressor, Adapting the injection quantity, Adapting the headlight motor, Adapting the induction system, Initializing diesel exhaust fluid level sensor

(Land-Rover Range Rover Sport (L, L494):

| **Service resets**

Resetting oxygen sensor adaptation values, Initializing the rain sensor, Replacing the particle filter, Regenerating the soot particulate filter during driving, Resetting EGR valve learning values, Calibrating the front camera, Resetting learned values of the oxidation catalyst, Resetting throttle valve adaptation values, Resetting the particulate filter learning values, Learning the power windows, De/activating the parking brake service mode, Initializing the power window front driver side, Resetting learned values of fuel quantity, Reset the learned values of the presupply pump., Resetting the indicator light "Water in fuel", Initializing the A/C flap actuators, Activating the fuel pump, Initializing the steering-angle sensor, Special bleeding, Bleeding the brake system, Adjusting the ride height, Initializing front passenger side power window

(Land-Rover Range Rover Velar, L560):
De/activating the parking brake service mode

| **Test function**

(Land-Rover Range Rover Evoque-I, L551), (Land-Rover Range Rover Sport (L, L494)

(Land-Rover Range Rover Sport (L, L494)

Lexus

| Trouble codes

(Lexus LS, UCF20), (Lexus GS, JZS160), (Lexus LS, UCF30), (Lexus GS, UZS161), (Lexus SC, UZZ40), (Lexus LX, UZJ100), (Lexus IS, ALE20), (Lexus IS, GSE20), (Lexus RX, MHU38), (Lexus IS, GSE30), (Lexus GS, GRS190), (Lexus IS, AVE30), (Lexus GS, GRL15), (Lexus GS, UZS190), (Lexus LX, URJ201), (Lexus GS, GRS191, GWS191), (Lexus LS, USF40), (Lexus LS, UVF45), (Lexus GS, URS190), (Lexus NX, AGZ10L), (Lexus LS, USF45), (Lexus RX, GGL15), (Lexus RX, GSU35), (Lexus RX, GYL10), (Lexus RX, GYL15), (Lexus GS, GRL11), (Lexus CT, ZWA10), (Lexus GS, GWL10), (Lexus IS, USE20), (Lexus LFA, LFA10), (Lexus LS, UVF46), (Lexus RC, GSC10), (Lexus GS, AWL10), (Lexus RC, USC10), (Lexus NX, AGZ15L), (Lexus NX, AYZ10L), (Lexus NX, AYZ15L), (Lexus ES, ASV60), (Lexus ES, AVV60), (Lexus RC, AVC10L), (Lexus IS, ASE30), (Lexus RC, ASC10L), (Lexus GS, ARL10), (Lexus GS, GRL12), (Lexus GS, GRL16), (Lexus HS, ANF10), (Lexus RX, GGL20), (Lexus RX, GGL25), (Lexus RX, GYL20), (Lexus RX, GYL25), (Lexus RX, AGL20), (Lexus GS, URL10), (Lexus IS, GSE35), (Lexus ES, ASV61), (Lexus ES, ASV), (Lexus ES, MCV30), (Lexus ES, MCV31), (Lexus ES, GSV60), (Lexus ES, GSV40), (Lexus GS, GRS196), (Lexus GX, GRJ150), (Lexus GX, GRJ), (Lexus IS, GSE21), (Lexus IS, GSE31), (Lexus IS, GSE26), (Lexus LC, URZ100), (Lexus LS, GVF50), (Lexus RC, GSC15), (Lexus LS, GVF55), (Lexus IS, GSE37), (Lexus RC, GSC16), (Lexus GX, URJ150), (Lexus IS, GSE), (Lexus LC, GWZ100), (Lexus LS, USF50), (Lexus RX, AGL25), (Lexus LS, VXFA55L), (Lexus LS, GSF50), (Lexus LX, URJ202), (Lexus LX, VDJ201), (Lexus ES, GSZ10), (Lexus RC, USC10L), (Lexus RX, GYL25, GYL26), (Lexus LS, USF40, USF41), (Lexus RX, AGL10), (Lexus UX, MZAA10), (Lexus UX, MZAH15), (Lexus ES, AXZH10), (Lexus ES, AXZH10, AXZH11), (Lexus IS, GSE3), (Lexus UX, MZAH10), (Lexus UX, KMA10), (Lexus NX, AAZH20), (Lexus NX, AAZH25), (Lexus NX, AAZH26), (Lexus NX, AZ2(M)-TGRE), (Lexus RX, AALH15), (Lexus RX, TALA15), (Lexus RX, TALH17), (Lexus RZ 450e, XEBM15), (Lexus None, MAYH10), (Lexus None, MAYH15), (Lexus LM, AAWH15)

| Parameters

(Lexus LS, UCF20), (Lexus GS, JZS160), (Lexus LS, UCF30), (Lexus GS, UZS161), (Lexus LX, UZJ100), (Lexus IS, ALE20), (Lexus IS, GSE20), (Lexus RX, MHU38), (Lexus IS, GSE30), (Lexus GS, GRS190), (Lexus IS, AVE30), (Lexus GS, GRL15), (Lexus GS, UZS190), (Lexus LX, URJ201), (Lexus GS, GRS191, GWS191), (Lexus SC, UZZ40), (Lexus LS, USF40), (Lexus LS, UVF45), (Lexus NX, AGZ10L), (Lexus LS, USF45), (Lexus RX, GGL15), (Lexus RX, GSU35), (Lexus RX, GYL10), (Lexus RX, GYL15), (Lexus GS, GRL11), (Lexus CT, ZWA10), (Lexus IS, USE20), (Lexus LFA, LFA10), (Lexus LS, UVF46), (Lexus RC, GSC10), (Lexus GS, AWL10), (Lexus RC, USC10), (Lexus NX, AGZ15L), (Lexus NX, AYZ10L), (Lexus NX, AYZ15L), (Lexus ES, ASV60), (Lexus ES, AVV60), (Lexus RC, AVC10L), (Lexus IS, ASE30), (Lexus RC, ASC10L), (Lexus GS, ARL10), (Lexus GS, GRL12), (Lexus GS, GRL16), (Lexus HS, ANF10), (Lexus RX, GGL20), (Lexus RX, GGL25), (Lexus RX, GYL20), (Lexus RX, GYL25), (Lexus

| Actuators

RX, AGL20), (Lexus GS, URL10), (Lexus IS, GSE35), (Lexus ES, ASV61), (Lexus ES, ASV), (Lexus ES, MCV30), (Lexus ES, MCV31), (Lexus ES, GSV60), (Lexus ES, GSV40), (Lexus GS, GRS196), (Lexus GX, GRJ150), (Lexus GX, GRJ), (Lexus IS, GSE21), (Lexus IS, GSE31), (Lexus IS, GSE26), (Lexus LC, URZ100), (Lexus LS, GVF50), (Lexus RC, GSC15), (Lexus LS, GVF55), (Lexus IS, GSE37), (Lexus RC, GSC16), (Lexus GX, URJ150), (Lexus IS, GSE), (Lexus LC, GWZ100), (Lexus LS, USF50), (Lexus RX, AGL25), (Lexus LS, VXFA55L), (Lexus LS, GSF50), (Lexus LX, URJ202), (Lexus LX, VDJ201), (Lexus ES, GSZ10), (Lexus RC, USC10L), (Lexus RX, GYL25,GYL26), (Lexus LS, USF40,USF41), (Lexus RX, AGL10), (Lexus UX, MZAA10), (Lexus UX, MZAH15), (Lexus ES, AXZH10), (Lexus ES, AXZH10,AXZH11), (Lexus IS, GSE3), (Lexus UX, MZAH10), (Lexus UX, KMA10), (Lexus NX, AAZH20), (Lexus NX, AAZH25), (Lexus NX, AAZH26), (Lexus NX, AZ2(M)-TGRE), (Lexus RX, AALH15), (Lexus RX, TALA15), (Lexus RX, TALH17), (Lexus RZ 450e, XEBM15), (Lexus None, MAYH10), (Lexus None, MAYH15), (Lexus LM, AAWH15)

(Lexus LS, UCF20), (Lexus GS, JZS160), (Lexus GS, UZS161), (Lexus LX, UZJ100), (Lexus IS, GSE30), (Lexus GS, GRL15), (Lexus LS, USF40), (Lexus LS, UVF45), (Lexus NX, AGZ10L), (Lexus LS, USF45), (Lexus GS, GRL11), (Lexus CT, ZWA10), (Lexus GS, GWL10), (Lexus LFA, LFA10), (Lexus LS, UVF46), (Lexus RC, GSC10), (Lexus GS, AWL10), (Lexus RC, USC10), (Lexus NX, AGZ15L), (Lexus NX, AYZ10L), (Lexus NX, AYZ15L), (Lexus ES, ASV60), (Lexus ES, AVV60), (Lexus RC, AVC10L), (Lexus IS, ASE30), (Lexus RC, ASC10L), (Lexus GS, ARL10), (Lexus GS, GRL12), (Lexus GS, GRL16), (Lexus HS, ANF10), (Lexus RX, GGL20), (Lexus RX, GGL25), (Lexus RX, GYL20), (Lexus RX, GYL25), (Lexus RX, AGL20), (Lexus GS, URL10), (Lexus IS, GSE35), (Lexus ES, ASV61), (Lexus ES, ASV), (Lexus ES, MCV30), (Lexus ES, MCV31), (Lexus ES, GSV60), (Lexus ES, GSV40), (Lexus GX, GRJ150), (Lexus GX, GRJ), (Lexus IS, AVE30), (Lexus IS, GSE26), (Lexus LC, URZ100), (Lexus LS, GVF50), (Lexus LX, URJ201), (Lexus RC, GSC15), (Lexus LS, GVF55), (Lexus IS, GSE37), (Lexus RC, GSC16), (Lexus GX, URJ150), (Lexus IS, GSE), (Lexus LC, GWZ100), (Lexus LS, USF50), (Lexus RX, AGL25), (Lexus LS, VXFA55L), (Lexus LS, GSF50), (Lexus LX, URJ202), (Lexus LX, VDJ201), (Lexus ES, GSZ10), (Lexus RC, USC10L), (Lexus RX, GYL25,GYL26), (Lexus LS, USF40, USF41), (Lexus RX, AGL10), (Lexus UX, MZAA10), (Lexus UX, MZAH15), (Lexus ES, AXZH10), (Lexus ES, AXZH10, AXZH11), (Lexus IS, GSE3), (Lexus UX, MZAH10), (Lexus UX, KMA10), (Lexus RX, AALH15), (Lexus RX, TALA15), (Lexus RX, TALH17), (Lexus RZ 450e, XEBM15), (Lexus None, MAYH10), (Lexus None, MAYH15), (Lexus LM, AAWH15)

| Codings

(Lexus CT, ZWA10):
Coding the comfort opening/closing system, Saving camera and object positions, Coding the wheel valves

(Lexus ES, AXZH10), (Lexus LM, AAWH15), (Lexus RX, AALH15), (Lexus RX, TALA15), (Lexus RX, TALH17), (Lexus RZ 450e, XEBM15), (Lexus UX, KMA10):
Coding the tire pressure check

(Lexus RC, USC10L), (Lexus UX, MZAA10), (Lexus UX, MZAH10):
Coding the wheel valves

| Basic settings

(Lexus CT, ZWA10):
Initializing the yaw rate sensor, Resetting adaptation values of ABS ECU, Initializing the A/C flap actuators, Adjusting the headlights, Deactivating the electronic stability control, Deactivating the electro-hydraulic brake, Bleeding the brake system, Calibrating the camera ECU

(Lexus ES, ASV), (Lexus ES, ASV61), (Lexus ES, GSV40), (Lexus GS, AWL10), (Lexus GS, GWL10), (Lexus GX, GRJ), (Lexus GX, GRJ150), (Lexus IS, GSE30), (Lexus IS, GSE35), (Lexus RX, AGL20), (Lexus RX, AGL25):
Initializing the yaw rate sensor, Initializing the A/C flap actuators

(Lexus ES, ASV60), (Lexus ES, AVV60), (Lexus ES, AXZH10, AXZH11), (Lexus GS, GRS196), (Lexus LC, GWZ100), (Lexus LC, URZ100), (Lexus LS, GSF50), (Lexus LS, GVF50), (Lexus LS, GVF55), (Lexus LS, VXFA55L), (Lexus NX, AYZ10L), (Lexus NX, AYZ15L), (Lexus RX, AGL10), (Lexus RX, GYL25, GYL26):
Initializing the yaw rate sensor

(Lexus ES, AXZH10):
Resetting parking brake adaptation values, Bleeding the cooling system power inverter, De/activating the parking brake service mode, Initializing the yaw rate sensor, Resetting adaptation values of ABS ECU, Calibrating the parking brake, Calibrating the radar sensor, Service mode (engine immobilizer can be deactivated > gasoline engine runs), Configuring the lane change assist, Calibrating the camera ECU

(Lexus GS, GRS190), (Lexus GS, JZS160), (Lexus GS, URS190), (Lexus GS, UZS161), (Lexus GS, UZS190), (Lexus IS, GXE10), (Lexus IS, JCE10), (Lexus LS, UCF20), (Lexus LS, UCF30), (Lexus RX, MCU15), (Lexus RX, MCU35), (Lexus SC, UZZ40):
Initializing the air distribution flaps

(Lexus GS, GRS191, GWS191):
Resetting adaptation values of ABS ECU, Initializing the air distribution flaps

(Lexus IS, ALE20), (Lexus IS, GSE20):
Initializing the A/C flap actuators, Initializing the air distribution flaps

(Lexus IS, AVE30):

Initializing the yaw rate sensor, Initializing the A/C flap actuators, Calibrating the radar sensor, Configuring the lane change assist

(Lexus IS, GSE26), (Lexus LFA, LFA10), (Lexus LS, USF40), (Lexus LS, USF45), (Lexus LX, URJ201), (Lexus LX, UZJ100), (Lexus RC, AVC10L), (Lexus RC, GSC10), (Lexus RC, GSC15), (Lexus RX, GGL15), (Lexus RX, GSU35), (Lexus RX, GYL20), (Lexus RX, GYL25):

Initializing the A/C flap actuators

(Lexus IS, GSE3):

Calibrating the radar sensor, Configuring the lane change assist

(Lexus LM, AAWH15), (Lexus RX, AALH15), (Lexus RX, TALA15), (Lexus RX, TALH17), (Lexus RZ 450e, XEBM15):

Resetting parking brake adaptation values, Initializing the cross traffic assist front, Bleeding the cooling system power inverter, De/activating the parking brake service mode, Initializing the yaw rate sensor, Resetting adaptation values of ABS ECU, Calibrating the parking brake, Bleeding the ABS/ESC system, Calibrating the radar sensor, Service mode (engine immobilizer can be deactivated > gasoline engine runs), Configuring the lane change assist, Calibrating the camera ECU

(Lexus LS, USF50):

Initializing the yaw rate sensor, De/activating the parking brake service mode

(Lexus LS, UVF45), (Lexus LS, UVF46), (Lexus RX, GYL10), (Lexus RX, GYL15), (Lexus RX, MHU38):

Initializing the yaw rate sensor, Resetting adaptation values of ABS ECU, Initializing the A/C flap actuators

(Lexus NX, AAZH20), (Lexus NX, AAZH25), (Lexus NX, AAZH26), (Lexus NX, AZ2(M)-TGRE):

Initializing the yaw rate sensor, Configuring the lane change assist

(Lexus NX, AGZ10L), (Lexus NX, AGZ15L):

Calibrating the radar sensor

(Lexus RC, USC10):

Adjusting the headlights

(Lexus RC, USC10L), (Lexus UX, MZAA10):

Resetting parking brake adaptation values, De/activating the parking brake service mode, Initializing the yaw rate sensor, Resetting adaptation values of ABS ECU, Calibrating the parking brake, Initializing the A/C flap actuators, Adjusting the headlights, Bleeding the ABS/ESC system, Calibrating the radar sensor, Configuring the lane change assist, Calibrating the camera ECU

(Lexus UX, KMA10):

Bleeding the cooling system power inverter, Initializing the yaw rate sensor, Bleeding the ABS/ESC system, Calibrating the radar sensor, Service mode (engine immobilizer can be deactivated > gasoline engine runs)

(Lexus UX, MZAH10):

Resetting parking brake adaptation values, Bleeding the cooling system power inverter, De/activating the parking brake service mode, Initializing the yaw rate sensor, Resetting adaptation values of ABS ECU, Calibrating the parking brake, Initializing the A/C flap actuators, Adjusting the headlights, Bleeding the ABS/ESC system, Calibrating the radar sensor, Service mode (engine immobilizer can be deactivated > gasoline engine runs), Configuring the lane change assist, Calibrating the camera ECU

(Lexus UX, MZAH15):
Bleeding the brake system

MAN

| Trouble codes

(MAN TGE, UZ), (MAN TGE, UY)

| Parameters

(MAN TGE, UZ), (MAN TGE, UY)

| Actuators

(MAN TGE, UZ), (MAN TGE, UY)

| Basic settings

(MAN TGE, UY), (MAN TGE, UZ):
Performing engine adaptations

Mazda

| Trouble codes

(Mazda Mazda 3, BM), (Mazda Mazda 2, DJ), (Mazda Mazda 3, BK14), (Mazda CX-3, DK), (Mazda Mazda 3, BMLFP), (Mazda Mazda 3, BN), (Mazda Mazda 3, BMLFS,BM4,BN4), (Mazda MX-5, ND), (Mazda Mazda 3, BM,BN), (Mazda Mazda 6, GJ), (Mazda CX-5, GH,KE), (Mazda Mazda 6, GL), (Mazda CX-5, KF), (Mazda Mazda 6, GJ,GL), (Mazda Mazda 3, BP), (Mazda Mazda 3, BP2S), (Mazda Mazda 3, BP2H), (Mazda CX-30, DM), (Mazda Mazda 2, KB), (Mazda Mazda 3, BLEFW), (Mazda Mazda 3, BL12), (Mazda Mazda 2, DJ1), (Mazda MX-30, DR), (Mazda Mazda 3, BP5S,BP6S), (Mazda B-Series/Truck, TF), (Mazda CX-60, KH), (Mazda B-Series/Truck, TFR40JPR,TFR40JDR), (Mazda B-Series/Truck, TFS40JSR-Y, TFS40JPR-Y,TFS40JDR-Y)

| Parameters

(Mazda Mazda 3, BM), (Mazda Mazda 2, DJ), (Mazda Mazda 3, BK14), (Mazda CX-3, DK), (Mazda Mazda 3, BMLFP), (Mazda Mazda 3, BN), (Mazda Mazda 3, BMLFS,BM4,BN4), (Mazda MX-5, ND), (Mazda Mazda 3, BM,BN), (Mazda Mazda 6, GJ), (Mazda CX-5, GH,KE), (Mazda Mazda 6, GL), (Mazda CX-5, KF), (Mazda Mazda 6, GJ,GL), (Mazda Mazda 3, BP), (Mazda Mazda 3, BP2S), (Mazda Mazda 3, BP2H), (Mazda CX-30, DM), (Mazda Mazda 2, KB), (Mazda Mazda 3, BLEFW), (Mazda Mazda 3, BL12), (Mazda Mazda 2, DJ1), (Mazda MX-30, DR), (Mazda Mazda 3, BP5S,BP6S), (Mazda B-Series/Truck, TF), (Mazda CX-60, KH), (Mazda B-Series/Truck, TFR40JPR,TFR40JDR), (Mazda B-Series/Truck, TFS40JSR-Y, TFS40JPR-Y,TFS40JDR-Y)

Actuators	(Mazda Mazda 2, KB)
Codings	(Mazda MX-5, ND): Adjusting the engine oil monitoring function
Basic settings	(Mazda Mazda 3, BK14): Initializing the brake-pressure sensor, Initializing the lateral acceleration sensor
	(Mazda Mazda 3, BL12), (Mazda Mazda 3, BLEFW): Initializing the longitudinal acceleration sensor, Initializing the lateral acceleration sensor, Initializing the brake-pressure sensor, Adjusting the headlights, Initializing the yaw rate sensor, Resetting headlight leveling adaptation values, Re-initialize headlight leveling, Resetting learned values of seat occupancy sensor
	(Mazda MX-5, ND): Initializing the longitudinal acceleration sensor, Initializing the brake-pressure sensor, Initializing the yaw rate sensor, Resetting headlight leveling adaptation values, Initializing the lateral acceleration sensor, Configuring the lane change assist, Calibrating the camera ECU
Service resets	(Mazda Mazda 3, BLEFW), (Mazda Mazda 3, BL12)

Mercedes

Trouble codes

(Mercedes Sprinter, 906731,906733,906735), (Mercedes S-Klasse, 221179), (Mercedes C-Klasse, 204200), (Mercedes E-Klasse, 212072), (Mercedes E-Klasse, 207425), (Mercedes C-Klasse, 204223), (Mercedes GLK-Klasse, 204901), (Mercedes E-Klasse, 207373), (Mercedes ML-Klasse, 166074), (Mercedes GLK-Klasse, 204984,204997), (Mercedes GLA-Klasse, 156908), (Mercedes Sprinter, 906631,906633,906635,906637), (Mercedes S-Klasse, 217378), (Mercedes GL-Klasse, 166874), (Mercedes C-Klasse, 205009), (Mercedes GLE-Klasse, 166004), (Mercedes GLE-Klasse, 292323,292324), (Mercedes AMG GT, 190377), (Mercedes GLC-Klasse, 253905), (Mercedes E-Klasse, 213066), (Mercedes E-Klasse, 238342), (Mercedes V-Klasse, 448813), (Mercedes C-Klasse, 205477), (Mercedes Sprinter, 910621,910623), (Mercedes Sprinter, 907621,907623), (Mercedes GLE-Klasse, 167119), (Mercedes GLS-Klasse, 167921), (Mercedes EQC, 293890,293891), (Mercedes GLB-Klasse, 247610), (Mercedes GLA-Klasse, 247746), (Mercedes EQA, 243701), (Mercedes EQB, 243708), (Mercedes CLE-Klasse, 236350), (Mercedes SLK/SLC-Klasse, 172475), (Mercedes Sprinter, 90x), (Mercedes CLS-Klasse, 218323), (Mercedes CL-Klasse, 216371), (Mercedes B-Klasse, 246200), (Mercedes SL-Klasse, 231457), (Mercedes A-Klasse, 176012), (Mercedes B-Klasse, 242848), (Mercedes CLA-Klasse, 117342), (Mercedes S-Klasse, 222004,222104), (Mercedes V-Klasse, 447601,447603,447605), (Mercedes GLS-Klasse, 166824), (Mercedes G-Klasse, 463272), (Mercedes A-Klasse, 177003), (Mercedes X-Klasse, 470210), (Mercedes CLS-Klasse, 257321), (Mercedes B-Klasse, 247045), (Mercedes AMG GT, 290659), (Mercedes CLA-Klasse, 118384), (Mercedes X-Klasse, 471210), (Mercedes E-Klasse, 213054), (Mercedes G-Klasse, 463277), (Mercedes S-Klasse, 223030), (Mercedes SL-Klasse, 232480), (Mercedes Citan, 415603), (Mercedes C-Klasse, 206041), (Mercedes Citan, 420753), (Mercedes EQE, 295121), (Mercedes EQS, 297123), (Mercedes T-Klasse, 420853), (Mercedes GLC-Klasse, 254651), (Mercedes EQS SUV, 296623), (Mercedes EQE SUV, 294622), (Mercedes E-Klasse, 214041)

Parameters

(Mercedes Sprinter, 906731,906733,906735), (Mercedes S-Klasse, 221179), (Mercedes C-Klasse, 204200), (Mercedes E-Klasse, 212072), (Mercedes E-Klasse, 207425), (Mercedes C-Klasse, 204223), (Mercedes GLK-Klasse, 204901), (Mercedes E-Klasse, 207373), (Mercedes ML-Klasse, 166074), (Mercedes GLK-Klasse, 204984,204997), (Mercedes GLA-Klasse, 156908), (Mercedes Sprinter, 906631,906633,906635,906637), (Mercedes S-Klasse, 217378), (Mercedes GL-Klasse, 166874), (Mercedes C-Klasse, 205009), (Mercedes GLE-Klasse, 166004), (Mercedes GLE-Klasse, 292323,292324), (Mercedes AMG GT, 190377), (Mercedes GLC-Klasse, 253905), (Mercedes E-Klasse, 213066), (Mercedes E-Klasse, 238342), (Mercedes V-Klasse, 448813), (Mercedes C-Klasse, 205477), (Mercedes Sprinter, 910621,910623), (Mercedes Sprinter, 907621,907623),

	<p>(Mercedes GLE-Klasse, 167119), (Mercedes GLS-Klasse, 167921), (Mercedes EQC, 293890,293891), (Mercedes GLB-Klasse, 247610), (Mercedes GLA-Klasse, 247746), (Mercedes EQA, 243701), (Mercedes EQB, 243708), (Mercedes CLE-Klasse, 236350), (Mercedes SLK/SLC-Klasse, 172475), (Mercedes CLS-Klasse, 218323), (Mercedes CL-Klasse, 216371), (Mercedes B-Klasse, 246200), (Mercedes SL-Klasse, 231457), (Mercedes A-Klasse, 176012), (Mercedes B-Klasse, 242848), (Mercedes CLA-Klasse, 117342), (Mercedes S-Klasse, 222004,222104), (Mercedes V-Klasse, 447601,447603,447605), (Mercedes GLS-Klasse, 166824), (Mercedes A-Klasse, 177003), (Mercedes X-Klasse, 470210), (Mercedes B-Klasse, 247045), (Mercedes AMG GT, 290659), (Mercedes CLA-Klasse, 118384), (Mercedes X-Klasse, 471210), (Mercedes E-Klasse, 213054), (Mercedes G-Klasse, 463277), (Mercedes S-Klasse, 223030), (Mercedes SL-Klasse, 232480), (Mercedes Citan, 415603), (Mercedes C-Klasse, 206041), (Mercedes Citan, 420753), (Mercedes EQE, 295121), (Mercedes EQS, 297123), (Mercedes T-Klasse, 420853), (Mercedes GLC-Klasse, 254651), (Mercedes EQS SUV, 296623), (Mercedes EQE SUV, 294622), (Mercedes E-Klasse, 214041)</p>
<p>Actuators</p>	<p>(Mercedes Sprinter, 906731,906733,906735), (Mercedes S-Klasse, 221179), (Mercedes C-Klasse, 204200), (Mercedes E-Klasse, 212072), (Mercedes E-Klasse, 207425), (Mercedes C-Klasse, 204223), (Mercedes GLK-Klasse, 204901), (Mercedes E-Klasse, 207373), (Mercedes ML-Klasse, 166074), (Mercedes GLK-Klasse, 204984,204997), (Mercedes GLA-Klasse, 156908), (Mercedes Sprinter, 906631,906633,906635,906637), (Mercedes S-Klasse, 217378), (Mercedes GL-Klasse, 166874), (Mercedes C-Klasse, 205009), (Mercedes GLE-Klasse, 166004), (Mercedes GLE-Klasse, 292323,292324), (Mercedes AMG GT, 190377), (Mercedes GLC-Klasse, 253905), (Mercedes E-Klasse, 213066), (Mercedes V-Klasse, 448813), (Mercedes SLK/SLC-Klasse, 172475), (Mercedes CLS-Klasse, 218323), (Mercedes CL-Klasse, 216371), (Mercedes B-Klasse, 246200), (Mercedes SL-Klasse, 231457), (Mercedes A-Klasse, 176012), (Mercedes B-Klasse, 242848), (Mercedes CLA-Klasse, 117342), (Mercedes S-Klasse, 222004,222104), (Mercedes V-Klasse, 447601,447603,447605), (Mercedes GLS-Klasse, 166824), (Mercedes E-Klasse, 213054), (Mercedes Citan, 415603), (Mercedes Sprinter, 910633), (Mercedes Sprinter, 907743,907745,907843,907741)</p>
<p>Codings</p>	<p>(Mercedes GLC-Klasse, 253911): Registering the battery, Coding injectors, Coding the rain/light sensor of windshield, Coding the rain/light sensor</p> <p>(Mercedes Sprinter, 907743,907745,907843,907741), (Mercedes Sprinter, 910633): Registering the battery, Coding injectors, Coding the rain/light sensor</p>
<p>Basic settings</p>	<p>(Mercedes Citan, 415605): Learning the power windows, Initializing the steering-angle sensor</p>

(Mercedes Citan, 420733):

Initializing the intelligent cruise control/emergency brake assistant, Learning the power windows, Initializing the steering-angle sensor, Calibrating the radar sensor, Calibrating the camera ECU

(Mercedes CLE-Klasse, 236451):

Resetting adaptation values of radar sensor rear, Resetting adaptation values of front radar sensor, Calibrating the front camera, Initializing the adaptive cruise control

(Mercedes E-Klasse, 214251):

Resetting adaptation values of radar sensor rear, Resetting adaptation values of front radar sensor, Standardizing the liftgate, Initializing the adaptive cruise control, Calibrating the camera ECU

(Mercedes EQE SUV, 294653):

Resetting adaptation values of radar sensor rear, Resetting adaptation values of front radar sensor, Standardizing the liftgate, Actuating the installation/removal position of the parking brake, Initializing the adaptive cruise control, Calibrating the camera ECU

(Mercedes EQS SUV, 296955):

Resetting adaptation values of radar sensor rear, Resetting adaptation values of front radar sensor, Standardizing the liftgate, Actuating the installation/removal position of the parking brake, Learning the power windows, Adjusting the headlights, Initializing the steering-angle sensor, Initializing the adaptive cruise control, Calibrating the camera ECU

(Mercedes GLC-Klasse, 253911):

Initializing the fuel quantity adjuster, Resetting the fuel low pressure adaptation values, Adapting the SCR catalyst upon replacement, Initializing the low pressure EGR valve, Initializing the soot particulate filter upon engine ECU replacement, Initializing the diesel exhaust fluid injector, Resetting the warning message of diesel exhaust fluid level, Initializing the soot particulate filter, Initializing the oxidation catalyst, Initializing the oxidation catalyst upon engine ECU replacement, Fill the DEF tank, Initializing the intelligent cruise control/emergency brake assistant, Resetting adaptation values of radar sensor rear, Initializing the manual transmission position sensor, Adapting the exhaust gas flap actuator, Initializing the EGR valve, Initializing the differential pressure sensor, Initializing the mass airflow sensor, Bleeding the fuel system, Resetting the impact mode, Learning the intake port shut-off, Standardizing the liftgate, Actuating the installation/removal position of the parking brake, Learning the power windows, Adaptations of diesel exhaust fluid, Resetting high-pressure fuel pump adaptation values, Activating the fuel pump, Adjusting the headlights, Learning the lambda sensor, Resetting the air filter adaptation values, Initializing the steering-angle sensor, HFM drift compensation, Learning throttle valve stop, Resetting the quantity mean value adaptation, Adapting the pressure-regulating valve, Resetting learned values of injectors, Calibrating the zero fuel qty, Resetting exhaust gas aftertreatment adaptation values, Resetting

learned values of NOx sensor, Initializing the neutral position sensor, Checking the transmission fluid level, Resetting learned values of camshaft sensor, Initialising the boost pressure regulator, Initialize tire pressure sensors, Resetting exhaust-gas temperature sensor adaptation values of soot particulate filter, Initializing the exhaust temperature sensor, Initializing the clutch pedal position, Adapting the temperature sensor before SCR catalyst, Resetting the variable turbocharger adaptation values, Initializing the fuel pressure sensor or the fuel rail, Resetting long-term adaptation values of diesel exhaust fluid dosing module, Resetting the counter for headlight operating hours, Initializing the adaptive cruise control, Resetting learned values of diesel exhaust fluid pump, Initializing diesel exhaust fluid level sensor, Calibrating the camera ECU, Initializing the high-pressure EGR valve, Adapting the emergency brake assistant, Resetting counter for synchronization loss of crankshaft/camshaft

(Mercedes GLC-Klasse, 254623):

Resetting adaptation values of radar sensor rear, Resetting adaptation values of front radar sensor, Learning the power windows, Adjusting the headlights, Initializing the steering-angle sensor, Initializing the adaptive cruise control, Calibrating the camera ECU

(Mercedes S-Klasse, 223130):

Calibrating the camera ECU

(Mercedes Sprinter, 907743,907745,907843,907741),

(Mercedes Sprinter, 910633):

Initializing the fuel quantity adjuster, Resetting the fuel low pressure adaptation values, Adapting the SCR catalyst upon replacement, Initializing the low pressure EGR valve, Initializing the soot particulate filter upon engine ECU replacement, Initializing the diesel exhaust fluid injector, Resetting the warning message of diesel exhaust fluid level, Initializing the soot particulate filter, Initializing the oxidation catalyst, Initializing the oxidation catalyst upon engine ECU replacement, Resetting adaptation values of radar sensor rear, Adapting the exhaust gas flap actuator, Regenerating the soot particulate filter at standstill, Initializing the EGR valve, Initializing the differential pressure sensor, Regenerating the soot particulate filter during driving, Initializing the mass airflow sensor, Bleeding the fuel system, Resetting the impact mode, Learning the intake port shut-off, Learning the power windows, De/activating the parking brake service mode, Initializing the gear sensor, Resetting high-pressure fuel pump adaptation values, Initializing the adaptive cruise control, Activating the fuel pump, Adjusting the headlights, Learning the lambda sensor, Resetting the air filter adaptation values, Initializing the steering-angle sensor, HFM drift compensation, Learning throttle valve stop, Resetting the quantity mean value adaptation, Adapting the pressure-regulating valve, Resetting the start inhibitor of DEF injection system, Resetting learned values of injectors, Calibrating the zero fuel qty, Resetting exhaust gas aftertreatment adaptation values, Resetting learned values of NOx sensor, Initializing

| Service resets

the neutral position sensor, Checking the transmission fluid level, Resetting learned values of camshaft sensor, Initialising the boost pressure regulator, Resetting exhaust-gas temperature sensor adaptation values of soot particulate filter, Initializing the exhaust temperature sensor, Initializing the clutch pedal position, Adapting the temperature sensor before SCR catalyst, Resetting the variable turbocharger adaptation values, Initializing the fuel pressure sensor or the fuel rail, Resetting long-term adaptation values of diesel exhaust fluid dosing module, Resetting learned values of diesel exhaust fluid pump, Initializing diesel exhaust fluid level sensor, Calibrating the camera ECU, Initializing the high-pressure EGR valve, Resetting counter for synchronization loss of crankshaft/camshaft

(Mercedes Citan, 415603), (Mercedes Citan, 420763,420765), (Mercedes Sprinter, 910633), (Mercedes Sprinter, 907743,907745,907843,907741), (Mercedes GLC-Klasse, 253911), (Mercedes EQS SUV, 296955), (Mercedes EQE SUV, 294653), (Mercedes GLC-Klasse, 254623), (Mercedes E-Klasse, 214223)

| Secured by Cyber Security Management (CSM) system
Capable for diagnostics only with Cyber Security Management

(Mercedes AMG GT, 190377), (Mercedes AMG GT, 190378), (Mercedes AMG GT, 190379), (Mercedes AMG GT, 190477), (Mercedes AMG GT, 190480), (Mercedes AMG GT, 190380), (Mercedes AMG GT, 190478), (Mercedes CLE-Klasse, 236350), (Mercedes CLE-Klasse, 236351), (Mercedes CLE-Klasse, 236347), (Mercedes CLE-Klasse, 236361), (Mercedes CLE-Klasse, 236304), (Mercedes AMG GT, 290659), (Mercedes AMG GT, 290661), (Mercedes AMG GT, 290688), (Mercedes AMG GT, 290689), (Mercedes E-Klasse, 213054), (Mercedes E-Klasse, 213011), (Mercedes E-Klasse, 213023), (Mercedes E-Klasse, 213), (Mercedes E-Klasse, 213206), (Mercedes E-Klasse, 213008), (Mercedes E-Klasse, 213253), (Mercedes AMG GT, 190479), (Mercedes E-Klasse, 213016), (Mercedes E-Klasse, 213211), (Mercedes S-Klasse, 223030), (Mercedes SL-Klasse, 232480), (Mercedes SL-Klasse, 232481), (Mercedes S-Klasse, 223130), (Mercedes AMG GT, 290658), (Mercedes AMG GT, 190381), (Mercedes AMG GT, 190382), (Mercedes E-Klasse, 213279), (Mercedes E-Klasse, 213227), (Mercedes E-Klasse, 213216), (Mercedes E-Klasse, 213223), (Mercedes S-Klasse, 223031), (Mercedes S-Klasse, 223033), (Mercedes S-Klasse, 223061), (Mercedes S-Klasse, 223063), (Mercedes S-Klasse, 223068), (Mercedes S-Klasse, 223076), (Mercedes S-Klasse, 223060), (Mercedes C-Klasse, 206041), (Mercedes C-Klasse, 206042), (Mercedes C-Klasse, 206043), (Mercedes C-Klasse, 206003), (Mercedes C-Klasse, 206004), (Mercedes C-Klasse, 206005), (Mercedes C-Klasse, 206046), (Mercedes C-Klasse, 206047), (Mercedes C-Klasse, 206006), (Mercedes C-Klasse, 206007), (Mercedes C-Klasse, 206241), (Mercedes C-Klasse, 206242), (Mercedes C-Klasse, 206243), (Mercedes C-Klasse, 206203), (Mercedes C-Klasse, 206216), (Mercedes C-Klasse, 206205), (Mercedes C-Klasse, 206246), (Mercedes C-Klasse, 206247), (Mercedes C-Klasse, 206206), (Mercedes Citan, 420753), (Mercedes Citan, 420663,420665), (Mercedes Citan, 420713), (Mercedes Citan, 420623,420625), (Mercedes Citan, 420633,420635), (Mercedes EQE, 295121), (Mercedes EQS, 297123), (Mercedes EQS, 297144), (Mercedes S-Klasse, 223161), (Mercedes S-Klasse, 223163), (Mercedes S-Klasse, 223976), (Mercedes C-Klasse, 206054), (Mercedes C-Klasse, 206254), (Mercedes AMG GT, 290679), (Mercedes C-Klasse, 206245), (Mercedes EQE, 295132), (Mercedes EQS, 297121), (Mercedes EQS, 297155), (Mercedes S-Klasse, 223069), (Mercedes SL-Klasse, 232450), (Mercedes T-Klasse, 420853), (Mercedes T-Klasse, 420823), (Mercedes T-Klasse, 420863), (Mercedes T-Klasse, 420833), (Mercedes GLC-Klasse, 254651), (Mercedes GLC-Klasse, 254605), (Mercedes GLC-Klasse, 254647), (Mercedes GLC-Klasse, 254656), (Mercedes GLC-Klasse, 254655), (Mercedes EQS SUV, 296623), (Mercedes EQS SUV, 296644), (Mercedes EQS SUV, 296624), (Mercedes A-Klasse, 177084), (Mercedes A-Klasse, 177087), (Mercedes A-Klasse, 177045), (Mercedes A-Klasse, 177085), (Mercedes A-Klasse, 177047), (Mercedes A-Klasse, 177051), (Mercedes A-Klasse, 177184), (Mercedes A-Klasse, 177187), (Mercedes A-Klasse, 177145), (Mercedes A-Klasse, 177185), (Mercedes A-Klasse, 177147), (Mercedes A-Klasse, 177151), (Mercedes EQE, 295111), (Mercedes EQE, 295125), (Mercedes EQE, 295112), (Mercedes EQE, 295122),

(Mercedes EQE, 295153), (Mercedes EQS, 297124), (Mercedes EQS, 297134), (Mercedes GLC-Klasse, 254607), (Mercedes GLC-Klasse, 254609), (Mercedes Citan, 420723), (Mercedes Citan, 420613), (Mercedes C-Klasse, 206204), (Mercedes C-Klasse, 206016), (Mercedes Citan, 420653), (Mercedes Citan, 420763,420765), (Mercedes S-Klasse, 223131), (Mercedes S-Klasse, 223133), (Mercedes S-Klasse, 223160), (Mercedes S-Klasse, 223168), (Mercedes EQS SUV, 296634), (Mercedes E-Klasse, 214041), (Mercedes E-Klasse, 214050), (Mercedes E-Klasse, 214051), (Mercedes E-Klasse, 214004), (Mercedes E-Klasse, 214005), (Mercedes E-Klasse, 214008), (Mercedes E-Klasse, 214009), (Mercedes E-Klasse, 214054), (Mercedes E-Klasse, 214056), (Mercedes E-Klasse, 214055), (Mercedes E-Klasse, 214061), (Mercedes E-Klasse, 214023), (Mercedes E-Klasse, 214214), (Mercedes E-Klasse, 214219), (Mercedes E-Klasse, 214265), (Mercedes E-Klasse, 214250), (Mercedes E-Klasse, 214204), (Mercedes E-Klasse, 214205), (Mercedes E-Klasse, 214208), (Mercedes E-Klasse, 214209), (Mercedes E-Klasse, 214254), (Mercedes E-Klasse, 214216), (Mercedes GLC-Klasse, 254305), (Mercedes GLC-Klasse, 254347), (Mercedes GLC-Klasse, 254307), (Mercedes GLC-Klasse, 254309), (Mercedes GLC-Klasse, 254356), (Mercedes GLC-Klasse, 254355), (Mercedes GLC-Klasse, 254323), (Mercedes Citan, 420733), (Mercedes EQS SUV, 296955), (Mercedes GLC-Klasse, 254623), (Mercedes E-Klasse, 214223), (Mercedes E-Klasse, 214233), (Mercedes E-Klasse, 214251), (Mercedes CLE-Klasse, 236362), (Mercedes CLE-Klasse, 236450), (Mercedes CLE-Klasse, 236451), (Mercedes CLE-Klasse, 236447), (Mercedes CLE-Klasse, 236461), (Mercedes CLE-Klasse, 236404)

MG Motors

| Trouble codes

(MG Motors ZS, ZS1), (MG Motors HS, AS23P-L), (MG Motors MG5, EP22-L), (MG Motors Marvel R, EP21), (MG Motors ZS, SZ), (MG Motors HS, AS23)

| Parameters

(MG Motors ZS, ZS1), (MG Motors HS, AS23P-L), (MG Motors MG5, EP22-L), (MG Motors Marvel R, EP21), (MG Motors ZS, SZ), (MG Motors HS, AS23)

| Codings

(MG Motors HS, AS23P-L):
Coding the tire pressure sensor ID, Registering the battery

| Basic settings

(MG Motors HS, AS23P-L):
Initializing the yaw rate sensor, Special bleeding, Parking brake maintenance work, Calibrating the camera ECU

| Service resets

(MG Motors HS, AS23P-L)

Mini

| Trouble codes

(Mini R50 One/Cooper, R50), (Mini R53 CooperS, R53), (Mini R60 Countryman, ZD31), (Mini R52 Cabrio, R52), (Mini R56 One/Cooper, MG31), (Mini R55 Clubman, MM31), (Mini R57 Cabrio, R57), (Mini R58 Coupe, R58), (Mini R59 Roadster, SY51), (Mini R61 Paceman, RS51), (Mini F56 One/Cooper, XN71), (Mini F55 One/Cooper, XS71), (Mini F54 Clubman, LN31), (Mini F57 Cabrio, WG11), (Mini F60 Countryman, YS31), (Mini U25 Countryman, 11GA)

| Parameters

(Mini R50 One/Cooper, R50), (Mini R53 CooperS, R53), (Mini R60 Countryman, ZD31), (Mini R52 Cabrio, R52), (Mini R56 One/Cooper, MG31), (Mini R55 Clubman, MM31), (Mini R57 Cabrio, R57), (Mini R58 Coupe, R58), (Mini R59 Roadster, SY51), (Mini R61 Paceman, RS51), (Mini F56 One/Cooper, XN71), (Mini F55 One/Cooper, XS71), (Mini F54 Clubman, LN31), (Mini F57 Cabrio, WG11), (Mini F60 Countryman, YS31)

| Actuators

(Mini R50 One/Cooper, R50), (Mini R53 CooperS, R53), (Mini R60 Countryman, ZD31), (Mini R52 Cabrio, R52), (Mini R56 One/Cooper, MG31), (Mini R55 Clubman, MM31), (Mini R57 Cabrio, R57), (Mini R58 Coupe, R58), (Mini R59 Roadster, SY51), (Mini R61 Paceman, RS51), (Mini F56 One/Cooper, XN71), (Mini F55 One/Cooper, XS71), (Mini F54 Clubman, LN31), (Mini F57 Cabrio, WG11), (Mini F60 Countryman, YS31)

| Codings

(Mini F54 Clubman, LV71), (Mini F55 One/Cooper, XU91), (Mini F56 One/Cooper, 31DH), (Mini F57 Cabrio, WJ91), (Mini F60 Countryman, 21BR):

Registering the battery, Coding injectors, Coding the idle rpm

(Mini R56 One/Cooper, SR51):

Registering the battery, Coding the idle rpm

| Basic settings

(Mini F54 Clubman, LV71):

Regenerating the soot particulate filter, Adapt shifting speed regulation, Adapt automatic start/stop (MSA), Reset equipment variant, Adjusting the boost control rod, Activating the assembly position of the exhaust gas flap actuator, Filling/bleeding the SCR passive system, Taking the steering into operation, Initializing the EGR valve, Replacing the particle filter, Initializing the variable valve lift, Resetting mass airflow sensor adaptation values, Resetting gearbox learning values, Bleeding the fuel system, Unlocking aux. heater/independent car heater, Resetting the ECU, Initializing the overhead control panel, Initializing the exhaust gas flap, Bleeding the electronic stability control, Resetting learned values of throttle valve actuator, Learning the power windows, Gearbox bleeding, Initializing the gear sensor, Learning low injection quantity, Resetting the pulse-generator ring adaptation, Initializing the ride height sensor, Resetting learned values of the DEF injection system, Resetting differential pressure sensor learning values,

Resetting the mixture adjustment, Resetting transfer case adaptation values, Adapting the A/C compressor, Resetting fuel system adaptation values, Bleeding the cooling system, Initializing the A/C flap actuators, Activating the fuel pump, Resetting the pulse-generator ring adaptation, Resetting engine adaptation values, Resetting exhaust gas aftertreatment adaptation values, Initializing the neutral position sensor, Initializing the rain/light sensor, Resetting starter learning values, Calibrating the front camera, Initializing the electronic stability control sensors, Initialize acceleration sensor, Adjusting the starting torque, Actuating the assembly position of the EGR valve, Interchanged brake pipe check, Adapting the variable camshaft timing, Adapting the headlight motor, Initializing the angular offset between the crankshaft and camshaft, De/activating the parking brake service mode

(Mini F55 One/Cooper, XU91):

Adapt shifting speed regulation, Adapt automatic start/stop (MSA), Reset equipment variant, Adjusting the boost control rod, Activating the assembly position of the exhaust gas flap actuator, Filling/bleeding the SCR passive system, Initializing the variable valve lift, Resetting gearbox learning values, Unlocking aux. heater/independent car heater, Resetting the ECU, Initializing the overhead control panel, Initializing the exhaust gas flap, Bleeding the electronic stability control, Learning the power windows, Gearbox bleeding, Initializing the gear sensor, Learning low injection quantity, Initializing the ride height sensor, Resetting learned values of the DEF injection system, Resetting differential pressure sensor learning values, Resetting the mixture adjustment, Resetting transfer case adaptation values, Adapting the A/C compressor, Resetting fuel system adaptation values, Bleeding the cooling system, Initializing the A/C flap actuators, Activating the fuel pump, Initializing the steering-angle sensor, Resetting the pulse-generator ring adaptation, Resetting engine adaptation values, Initializing the neutral position sensor, Initializing the rain/light sensor, Resetting starter learning values, Calibrating the front camera, Initializing the electronic stability control sensors, Initialize acceleration sensor, Interchanged brake pipe check, Adapting the variable camshaft timing, Adapting the headlight motor, De/activating the parking brake service mode

(Mini F56 One/Cooper, 31DH):

Adapt shifting speed regulation, Adapt automatic start/stop (MSA), Reset equipment variant, Adjusting the boost control rod, Activating the assembly position of the exhaust gas flap actuator, Filling/bleeding the SCR passive system, Initializing the variable valve lift, Resetting gearbox learning values, Unlocking aux. heater/independent car heater, Resetting the ECU, Initializing the overhead control panel, Initializing the exhaust gas flap, Bleeding the electronic stability control, Resetting learned values of throttle valve actuator, Learning the power windows, Gearbox bleeding, Initializing the gear sensor, Learning low injection quantity, Initializing the ride height sensor, Resetting learned values of the DEF injection system, Resetting differential pressure sensor learning

values, Resetting the mixture adjustment, Resetting transfer case adaptation values, Adapting the A/C compressor, Resetting fuel system adaptation values, Bleeding the cooling system, Initializing the A/C flap actuators, Activating the fuel pump, Initializing the steering-angle sensor, Resetting the pulse-generator ring adaptation, Resetting engine adaptation values, Initializing the neutral position sensor, Initializing the rain/light sensor, Resetting starter learning values, Calibrating the front camera, Initializing the electronic stability control sensors, Initialize acceleration sensor, Interchanged brake pipe check, Adapting the variable camshaft timing, Adapting the headlight motor, De/activating the parking brake service mode, Calibrating the rearview camera/all-round vision camera

(Mini F57 Cabrio, WJ91):

Regenerating the soot particulate filter, Adapt shifting speed regulation, Adapt automatic start/stop (MSA), Reset equipment variant, Adjusting the boost control rod, Activating the assembly position of the exhaust gas flap actuator, Filling/bleeding the SCR passive system, Taking the steering into operation, Initializing the EGR valve, Replacing the particle filter, Initializing the variable valve lift, Resetting mass airflow sensor adaptation values, Resetting gearbox learning values, Bleeding the fuel system, Unlocking aux. heater/independent car heater, Resetting the ECU, Initializing the overhead control panel, Initializing the exhaust gas flap, Bleeding the electronic stability control, Resetting learned values of throttle valve actuator, Learning the power windows, Gearbox bleeding, Initializing the gear sensor, Learning low injection quantity, Resetting the pulse-generator ring adaptation, Initializing the ride height sensor, Resetting learned values of the DEF injection system, Resetting differential pressure sensor learning values, Resetting the mixture adjustment, Resetting transfer case adaptation values, Adapting the A/C compressor, Resetting fuel system adaptation values, Bleeding the cooling system, Initializing the A/C flap actuators, Activating the fuel pump, Initializing the steering-angle sensor, Resetting the pulse-generator ring adaptation, Resetting engine adaptation values, Resetting exhaust gas aftertreatment adaptation values, Initializing the neutral position sensor, Initializing the rain/light sensor, Resetting starter learning values, Calibrating the front camera, Initializing the electronic stability control sensors, Initialize acceleration sensor, Adjusting the starting torque, Actuating the assembly position of the EGR valve, Interchanged brake pipe check, Adapting the variable camshaft timing, Adapting the headlight motor, Initializing the angular offset between the crankshaft and camshaft, De/activating the parking brake service mode, Calibrating the rearview camera/all-round vision camera

(Mini F60 Countryman, 21BR):

Regenerating the soot particulate filter, Adapt shifting speed regulation, Adapt automatic start/stop (MSA), Reset equipment variant, Adjusting the boost control rod, Activating the assembly position of the exhaust gas flap actuator, Filling/bleeding the SCR passive system, Taking the

steering into operation, Initializing the EGR valve, Replacing the particle filter, Initializing the variable valve lift, Resetting mass airflow sensor adaptation values, Resetting gearbox learning values, Bleeding the fuel system, Unlocking aux. heater/independent car heater, Resetting the ECU, Initializing the overhead control panel, Initializing the exhaust gas flap, Bleeding the electronic stability control, Resetting learned values of throttle valve actuator, Learning the power windows, Standardizing the liftgate, Initializing the glow plugs, Gearbox bleeding, Initializing the gear sensor, Learning low injection quantity, Resetting the pulse-generator ring adaptation, Initializing the ride height sensor, Resetting learned values of the DEF injection system, Resetting differential pressure sensor learning values, Resetting the mixture adjustment, Resetting transfer case adaptation values, Adapting the A/C compressor, Resetting fuel system adaptation values, Bleeding the cooling system, Initializing the A/C flap actuators, Activating the fuel pump, Resetting the pulse-generator ring adaptation, Resetting engine adaptation values, Resetting exhaust gas aftertreatment adaptation values, Initializing the neutral position sensor, Initializing the rain/light sensor, Resetting starter learning values, Calibrating the front camera, Initializing the electronic stability control sensors, Initialize acceleration sensor, Adjusting the starting torque, Actuating the assembly position of the EGR valve, Interchanged brake pipe check, Adapting the variable camshaft timing, Adapting the headlight motor, Initializing the angular offset between the crankshaft and camshaft, De/activating the parking brake service mode, Calibrating the rearview camera/all-round vision camera

(Mini R56 One/Cooper, SR51):

Initializing the variable valve lift, Resetting gearbox learning values, Resetting the footwell module ECU, Adapting the N position sensor, Resetting the ECU, Initializing the throttle valve, Learning the power windows, Resetting the error counter of the steering column locking, Initializing the A/C flap actuators, Initializing the steering-angle sensor, Initializing the rain/light sensor, Special bleeding, Initializing the electronic stability control sensors, Interchanged brake pipe check, Adapting the variable camshaft timing, Resetting the immobilizer

(Mini F54 Clubman, JZ51), (Mini F55 One/Cooper, XU91), (Mini F56 One/Cooper, 31DH), (Mini F57 Cabrio, WJ31), (Mini F60 Countryman, YW31), (Mini R56 One/Cooper, SR51)

(Mini F54 Clubman, JZ51), (Mini F55 One/Cooper, XU91), (Mini F56 One/Cooper, 31DH), (Mini F57 Cabrio, WJ31), (Mini F60 Countryman, YW31), (Mini R56 One/Cooper, SR51)

| **Service resets**

| **Test function**

Mitsubishi

Trouble codes	(Mitsubishi Mirage, A03A), (Mitsubishi L200, MQ), (Mitsubishi L200,), (Mitsubishi None, KK4T), (Mitsubishi None, KL1T), (Mitsubishi None, KK1T)
Parameters	(Mitsubishi Mirage, A03A), (Mitsubishi L200, MQ), (Mitsubishi L200,), (Mitsubishi None, KK4T), (Mitsubishi None, KL1T), (Mitsubishi None, KK1T)
Actuators	(Mitsubishi Mirage, A03A), (Mitsubishi L200, MQ), (Mitsubishi L200,), (Mitsubishi None, KK4T), (Mitsubishi None, KL1T), (Mitsubishi None, KK1T)
Codings	(Mitsubishi L200, MQ): Coding injectors
Basic settings	<p>(Mitsubishi L200,): Initializing the steering-angle sensor, Initializing the yaw rate sensor, Calibrating the camera ECU</p> <p>(Mitsubishi L200, MQ): Regenerating the soot particulate filter at standstill, Initializing the differential pressure sensor, Replacing the particle filter, Resetting learned values of the battery monitoring ECU, Initializing the steering-angle sensor, Initializing minimum injection quantity, System malfunction service of soot particulate filter, Initializing the yaw rate sensor, Initializing the high-pressure fuel pump, Calibrating the camera ECU</p> <p>(Mitsubishi Mirage, A03A): Initialising adaptive functions, Initializing the yaw rate sensor, Initializing the steering-angle sensor</p>
Service resets	(Mitsubishi Mirage, A03A), (Mitsubishi L200, MQ), (Mitsubishi L200,), (Mitsubishi None, KK4T), (Mitsubishi None, KL1T), (Mitsubishi None, KK1T)
Test function	(Mitsubishi L200, MQ), (Mitsubishi None, KL1T), (Mitsubishi None, KK1T)

Nissan

Trouble codes	(Nissan Juke, F15), (Nissan Micra, K13), (Nissan Leaf, ZE0), (Nissan NV 400, X62), (Nissan Qashqai, J11), (Nissan Note, E12), (Nissan Pulsar, C13), (Nissan X-Trail, T32), (Nissan Navara, D23), (Nissan Micra, K14), (Nissan Leaf, ZE1), (Nissan Patrol, Y62), (Nissan Altima, L34), (Nissan Altima, L33)
Parameters	(Nissan Micra, K13), (Nissan Leaf, ZE0), (Nissan NV 400, X62), (Nissan Qashqai, J11), (Nissan Note, E12), (Nissan Pulsar, C13), (Nissan X-Trail, T32), (Nissan Navara, D23), (Nissan Micra, K14), (Nissan Leaf, ZE1), (Nissan Altima, L34)

Actuators (Nissan Leaf, ZE0), (Nissan Qashqai, J11), (Nissan Pulsar, C13), (Nissan X-Trail, T32), (Nissan Navara, D23), (Nissan Micra, K14), (Nissan Leaf, ZE1), (Nissan Altima, L34)

Basic settings (Nissan Micra, K13):
 Initializing the steering-angle sensor, Initializing the rain/light sensor

Opel/Vauxhall

Trouble codes (Opel/Vauxhall Vivaro-A, X83), (Opel/Vauxhall Movano-A, X70), (Opel/Vauxhall Astra-H, A04), (Opel/Vauxhall Insignia-A, G09), (Opel/Vauxhall Astra-J, P10), (Opel/Vauxhall Cascada, W13), (Opel/Vauxhall Zafira-B, A05), (Opel/Vauxhall Combo-E, X19), (Opel/Vauxhall Corsa-D, S07), (Opel/Vauxhall Ampera, D1J), (Opel/Vauxhall Combo-D, X12), (Opel/Vauxhall Mokka, J13), (Opel/Vauxhall Zafira-C, P12), (Opel/Vauxhall Ampera-E, 1G0), (Opel/Vauxhall Movano-B, X62), (Opel/Vauxhall Corsa-E, X15), (Opel/Vauxhall Astra-K, B16), (Opel/Vauxhall Vivaro-B, X82), (Opel/Vauxhall Karl/Viva, C16), (Opel/Vauxhall Vectra-C, Vectra/Lim), (Opel/Vauxhall Signum, Z03), (Opel/Vauxhall Zafira-Life, K0), (Opel/Vauxhall Grandland, Z), (Opel/Vauxhall Meriva-B, S-D), (Opel/Vauxhall Antara, L07), (Opel/Vauxhall Adam, M13), (Opel/Vauxhall Insignia-B, Z18), (Opel/Vauxhall Crossland X, P17), (Opel/Vauxhall Grandland X, A18), (Opel/Vauxhall Corsa-F, X20), (Opel/Vauxhall Vivaro-C, K0), (Opel/Vauxhall Mokka-B, U), (Opel/Vauxhall Astra-L, F)

Parameters (Opel/Vauxhall Vivaro-A, X83), (Opel/Vauxhall Movano-A, X70), (Opel/Vauxhall Astra-H, A04), (Opel/Vauxhall Insignia-A, G09), (Opel/Vauxhall Astra-J, P10), (Opel/Vauxhall Cascada, W13), (Opel/Vauxhall Zafira-B, A05), (Opel/Vauxhall Combo-E, X19), (Opel/Vauxhall Corsa-D, S07), (Opel/Vauxhall Ampera, D1J), (Opel/Vauxhall Combo-D, X12), (Opel/Vauxhall Mokka, J13), (Opel/Vauxhall Zafira-C, P12), (Opel/Vauxhall Ampera-E, 1G0), (Opel/Vauxhall Movano-B, X62B), (Opel/Vauxhall Corsa-E, X15), (Opel/Vauxhall Astra-K, B16), (Opel/Vauxhall Vivaro-B, X82), (Opel/Vauxhall Karl/Viva, C16), (Opel/Vauxhall Vectra-C, Vectra/Lim), (Opel/Vauxhall Signum, Z03), (Opel/Vauxhall Zafira-Life, K0), (Opel/Vauxhall Grandland, Z), (Opel/Vauxhall Meriva-B, S-D), (Opel/Vauxhall Antara, L07), (Opel/Vauxhall Adam, M13), (Opel/Vauxhall Insignia-B, Z18), (Opel/Vauxhall Crossland X, P17), (Opel/Vauxhall Grandland X, A18), (Opel/Vauxhall Corsa-F, X20), (Opel/Vauxhall Vivaro-C, K0), (Opel/Vauxhall Mokka-B, U), (Opel/Vauxhall Astra-L, F)

Actuators (Opel/Vauxhall Astra-H, A04), (Opel/Vauxhall Mokka, J13), (Opel/Vauxhall Zafira-C, P12), (Opel/Vauxhall Vectra-C, Vectra/Lim), (Opel/Vauxhall Signum, Z03), (Opel/Vauxhall Zafira-Life, K0), (Opel/Vauxhall Grandland, Z), (Opel/Vauxhall Astra-K, B16), (Opel/Vauxhall Antara, L07), (Opel/Vauxhall

| Codings

Corsa-D, S07), (Opel/Vauxhall Corsa-F, X20), (Opel/Vauxhall Vivaro-C, K0), (Opel/Vauxhall Mokka-B, U), (Opel/Vauxhall Astra-L, F), (Opel/Vauxhall Insignia-B,)

(Opel/Vauxhall Insignia-B,):
Coding injectors

(Opel/Vauxhall Movano-B, X62B):
Setting the speed limiter, Coding injectors, Coding the idle rpm

(Opel/Vauxhall Vivaro-B, X82):
Setting the speed limiter, Code trailer stability program, Coding injectors, Coding the tire size

| Basic settings

(Opel/Vauxhall Astra-J, P10):

Resetting learned values of the induction system, Resetting data of excessive clutch slip, Initializing NOx sensors upon replacement, Resetting learned values of NOx sensors, Resetting learned values of the oxidation catalyst, Resetting learned values of fuel pressure regulator, Initializing the soot particulate filter pressure sensor, Learning low injection quantity, Initializing the crankshaft position, Learning the idle, Initializing the neutral position sensor, Learning the fuel pressure regulator, Resetting exhaust-gas temperature sensor adaptation values of soot particulate filter, Initializing the clutch pedal position, Initializing the fuel pressure sensor or the fuel rail, Resetting the mixture adjustment

(Opel/Vauxhall Astra-K, B16):

Resetting adaptation values of the longitudinal acceleration sensor, Initializing the fuel pump, Resetting learned values of the induction system, Resetting adaptation values of idle airflow rate, Resetting data of excessive clutch slip, Performing service work on the brake system, Calibrating the tire pressure monitoring system, Calibrating the front camera, Resetting learned values of fuel pressure regulator, Resetting the particulate filter learning values, Resetting the mixture adjustment, Learning the lambda sensor heater, Initializing the air distribution flaps, Initializing the crankshaft position, Resetting oxygen sensor adaptation values, Learning the idle, Initializing the neutral position sensor, Resetting differential pressure sensor learning values, Resetting exhaust-gas temperature sensor adaptation values of soot particulate filter, Initializing the clutch pedal position, Resetting the outside temperature sensor

(Opel/Vauxhall Astra-L, F):

Calibrating the corner radar dynamically

(Opel/Vauxhall Corsa-D, S07):

MTA EasyTronic transmission, Learning the lambda sensor heater, Initializing the crankshaft position, Calibrating the steering-angle sensor, Resetting the mixture adjustment, Resetting oxygen sensor adaptation values, Resetting learned values of idle speed stabilizer

(Opel/Vauxhall Corsa-E, X15):

Resetting oxygen sensor adaptation values, Resetting adaptation values of the longitudinal acceleration sensor, Resetting learned values of the induction system, Resetting adaptation values of idle airflow rate, Calibrating the tire pressure monitoring system, Calibrating the front camera, Bleeding the clutch, Initializing the throttle valve, Reducing system pressure in transmission, Resetting the mixture adjustment, Learning the clutch position, Initializing the air distribution flaps, Initializing the crankshaft position, Resetting learned values of steering angle sensor, Initializing the neutral position sensor, Initializing the clutch pedal position, Teach-in battery sensor module

(Opel/Vauxhall Insignia-B,):

Regenerating the soot particulate filter, Reset the adaptation values of NOx sensor 1., Reset the adaptation values of NOx sensor 2., Resetting adaptation values of the longitudinal acceleration sensor, Resetting the diesel exhaust fluid system data, Resetting learned values of the induction system, Initializing the coolant valve, Initializing the coolant control valve, Performing service work on the brake system, Calibrating the front camera, Initializing the rotation rate/acceleration sensor, Resetting the diesel exhaust fluid level, Resetting the mixture adjustment, Initializing the neutral position sensor, Resetting differential pressure sensor learning values, Resetting the soot particulate filter, Initialising the boost pressure regulator, Resetting exhaust-gas temperature sensor adaptation values of soot particulate filter, Initializing the clutch pedal position, Resetting learned values of NOx adsorption catalyst, Calibrating the rearview camera/all-round vision camera, Resetting the outside temperature sensor, Resetting the trouble code memory of camera

(Opel/Vauxhall Movano-B, X62B):

Resetting the air-fuel ratio adaptation values, Regenerating the soot particulate filter, Initializing the EGR valve, Learning the turbocharger, Initializing the differential pressure sensor, Initializing the mass airflow sensor, Resetting the impact mode, Initializing the throttle valve, Learning the brake pedal position, Reset learned values of the EGR bypass valve, Resetting the indicator light "Water in fuel", Initializing the crankshaft position, Learning the lambda sensor, Resetting the soot particulate filter, Initializing the high-pressure fuel pump, Resetting starter learning values, Initializing the fuel injector for soot particulate filter, Initializing the clutch pedal position, Initializing the fuel pressure sensor or the fuel rail

(Opel/Vauxhall Vivaro-B, X82):

Regenerating the soot particulate filter, Reset learned values for brake-pressure sensor, Initializing the diesel exhaust fluid injector, Resetting the adaptation values of the lateral acceleration sensor, Resetting adaptation values of the longitudinal acceleration sensor, Initializing the EGR valve, Learning the turbocharger, Replacing the regeneration additive container, Initializing the mass airflow sensor, Initializing the swirl control valve, Initializing the lateral acceleration sensor, Initializing the exhaust gas flap, Initializing the throttle valve, Initializing the soot particulate filter pressure sensor, Resetting the particulate filter learning values, Learning the brake pedal position, Reset learned values of the EGR bypass valve, Initializing the air conditioning ECU, Initializing the crankshaft position, Learning the lambda sensor, Initializing the steering-angle sensor, Resetting learned values of steering angle sensor, Initializing the longitudinal acceleration sensor, Resetting rail pressure, Initializing the high-pressure fuel pump, Initialising the boost pressure sensor, Resetting starter learning values, Resetting learned values of NOx adsorption catalyst, Initializing the fuel pressure sensor or the fuel rail, Resetting learned values of diesel exhaust fluid pump

Service resets

(Opel/Vauxhall Corsa-E, X15), (Opel/Vauxhall Astra-K, B16), (Opel/Vauxhall Movano-B, X62B), (Opel/Vauxhall Corsa-D, S07), (Opel/Vauxhall Insignia-B,)

Peugeot

Trouble codes

(Peugeot 308, 4), (Peugeot 308, 4 ok), (Peugeot 407, 6), (Peugeot 5008, 0A), (Peugeot 508, 8), (Peugeot 3008, 0U), (Peugeot Partner-III, 7), (Peugeot Boxer-III, Y (EU5)), (Peugeot 3008, HU), (Peugeot 208, C), (Peugeot 106, 1), (Peugeot 108, P), (Peugeot 607, 9), (Peugeot 307, 3), (Peugeot 807, E), (Peugeot 807, V), (Peugeot 1007, K), (Peugeot 207, W), (Peugeot RCZ, 4), (Peugeot Expert-III, XX), (Peugeot 2008, CU), (Peugeot 301, DD), (Peugeot 3008, M), (Peugeot Expert-IV, V), (Peugeot Traveller, V), (Peugeot Boxer-III, Y (EU6)), (Peugeot 5008, M), (Peugeot 308, L), (Peugeot RCZ, 4J), (Peugeot 407, 6****), (Peugeot 2008, C), (Peugeot 308, 4****), (Peugeot 207, W****), (Peugeot Rifter, E), (Peugeot 508, F), (Peugeot Partner-IV, E), (Peugeot 208, U), (Peugeot 2008, U), (Peugeot 408, F), (Peugeot 308,), (Peugeot Boxer-III, Y), (Peugeot 208, UB9HPA), (Peugeot 308, F), (Peugeot Partner-II, M 59 GL)

Parameters

(Peugeot 308, 4), (Peugeot 308, 4 ok), (Peugeot 407, 6), (Peugeot 5008, 0A), (Peugeot 508, 8), (Peugeot 3008, 0U), (Peugeot Partner-III, 7), (Peugeot Boxer-III, Y (EU5)), (Peugeot 3008, HU), (Peugeot 208, C), (Peugeot 106, 1), (Peugeot 108, P), (Peugeot 607, 9), (Peugeot 307, 3), (Peugeot 1007, K), (Peugeot 207, W), (Peugeot RCZ, 4), (Peugeot Expert-III, XX), (Peugeot 2008, CU), (Peugeot 301, DD), (Peugeot 3008, M), (Peugeot Expert-IV, V), (Peugeot Traveller, V), (Peugeot Boxer-III, Y (EU6)), (Peugeot 5008, M), (Peugeot 308, L), (Peugeot RCZ, 4J), (Peugeot 407, 6****), (Peugeot 2008, C), (Peugeot 308, 4****), (Peugeot 207, W****), (Peugeot Rifter, E), (Peugeot 508, F), (Peugeot Partner-IV, E), (Peugeot 208, U), (Peugeot 2008, U), (Peugeot 408, F), (Peugeot 308,), (Peugeot Boxer-III, Y), (Peugeot 208, UB9HPA), (Peugeot 308, F), (Peugeot Partner-II, M 59 GL)

Actuators

(Peugeot 308, 4), (Peugeot 308, 4 ok), (Peugeot 407, 6), (Peugeot 5008, 0A), (Peugeot 508, 8), (Peugeot 3008, 0U), (Peugeot Partner-III, 7), (Peugeot 3008, HU), (Peugeot 208, C), (Peugeot 301, DD), (Peugeot 607, 9), (Peugeot 307, 3), (Peugeot 1007, K), (Peugeot 207, W), (Peugeot RCZ, 4), (Peugeot 2008, CU), (Peugeot 3008, M), (Peugeot Expert-IV, V), (Peugeot Traveller, V), (Peugeot 5008, M), (Peugeot 308, L), (Peugeot RCZ, 4J), (Peugeot 407, 6****), (Peugeot 2008, C), (Peugeot 308, 4****), (Peugeot 207, W****), (Peugeot Rifter, E), (Peugeot 508, F), (Peugeot Partner-IV, E), (Peugeot 208, U), (Peugeot 2008, U), (Peugeot 408, F), (Peugeot 308,), (Peugeot 208, UB9HPA), (Peugeot 308, F), (Peugeot Partner-II, M 59 GL)

| Codings

(Peugeot 1007, K):

Coding transmission readings

(Peugeot 208, C):

Coding the regeneration additive quantity, Coding the trailer hitch, Registering the battery, Coding the remote control, Coding injectors, Coding the intrusion monitoring, Coding the alarm sound, Coding the keys, Deactivating/activating the transport mode, Coding transmission readings

(Peugeot 208, UB9HPA):

Coding the trailer hitch, Registering the battery, Coding injectors, Coding the keys, Deactivating/activating the transport mode

(Peugeot 301, DD):

Coding the regeneration additive quantity, Registering the battery, Coding the remote control, Coding injectors, Coding the intrusion monitoring, Coding the alarm sound, Coding the keys, Deactivating/activating the transport mode, Coding transmission readings

(Peugeot 308, 4):

Registering the battery, Coding the body control module, Coding the remote control, Coding the wheel valves, Coding the keys, Coding the ABS ECU, Retrofit USB module/CD changer, Coding the VIN, Coding transmission readings

(Peugeot 407, 6):

Registering the battery, Coding the body control module, Coding the remote control, Coding the wheel valves, Coding the keys, Coding the ABS ECU, Coding the VIN

(Peugeot Expert-IV, V):

Coding the trailer hitch, Registering the battery, Coding injectors, Coding the intrusion monitoring, Coding the alarm sound, Coding the keys, Deactivating/activating the transport mode, Coding the VIN

(Peugeot Partner-II, M 59 GL):

Coding the body control module, Coding the remote control, Coding the keys

| Basic settings

(Peugeot 2008, U), (Peugeot 208, U), (Peugeot 308, L):

Initializing the boost pressure control valve, Initialising adaptive functions, Resetting differential pressure sensor learning values

(Peugeot 208, C):

Regenerating the soot particulate filter at standstill, Initializing the EGR valve, Learning the turbocharger, Filling the regeneration additive container, Replacing the regeneration additive container, Replacing the particle filter, Adapting the EGR flap, Locking the airbag ECU, Unlocking the airbag ECU, Bleeding the regeneration additive pump/line, Initializing the rotation rate/acceleration sensor, Replace auxiliary drive belt, Adjusting the headlights, Performing transmission adaptations, Initializing the fuel level, Teach-in clutch system, Initializing the A/C flap actuators, Initializing the steering-angle sensor, Leaving the

ECO mode, Initializing the rain/light sensor, Activating the start/stop function, Special bleeding, Initializing the start/stop system, Adapting the emergency brake assistant

(Peugeot 208, UB9HPA):

Reactivating the emergency brake assistant, Resetting the counter of fragrance cartridge block, Bleeding the ABS/ESC system, Regenerating the soot particulate filter at standstill, Initializing the EGR valve, Learning the turbocharger, Filling the regeneration additive container, Replacing the regeneration additive container, Replacing the particle filter, Adapting the EGR flap, Locking the airbag ECU, Unlocking the airbag ECU, Initializing the longitudinal acceleration sensor, Replace auxiliary drive belt, Initializing the fuel level, Resetting headlight leveling adaptation values, Teach-in clutch system, Initializing the A/C flap actuators, Initializing the steering-angle sensor, Leaving the ECO mode, Initializing the rain/light sensor, Activating the start/stop function, Calibrating the camera ECU, Initializing the start/stop system, Replace brake parts

(Peugeot 3008, M):

Initializing the boost pressure control valve, Resetting differential pressure sensor learning values

(Peugeot 301, DD):

Regenerating the soot particulate filter at standstill, Initializing the EGR valve, Learning the turbocharger, Filling the regeneration additive container, Replacing the regeneration additive container, Replacing the particle filter, Adapting the EGR flap, Locking the airbag ECU, Unlocking the airbag ECU, Bleeding the regeneration additive pump/line, Initializing the rotation rate/acceleration sensor, Replace auxiliary drive belt, Adjusting the headlights, Performing transmission adaptations, Initializing the fuel level, Teach-in clutch system, Initializing the A/C flap actuators, Initializing the steering-angle sensor, Leaving the ECO mode, Initializing the rain/light sensor, Activating the start/stop function, Special bleeding, Initializing the start/stop system

(Peugeot 308, 4):

Initialising adaptive functions, Locking the airbag ECU, Unlocking the airbag ECU, Initializing the rotation rate/acceleration sensor, Adjusting the headlights, Initializing the power window anti-pinch protection, Performing transmission adaptations, Resetting gearbox learning values, Initializing the fuel level, Calibrating the steering-angle sensor, Resetting learned values of steering angle sensor, Special bleeding

(Peugeot 308, F):

Calibrating the corner radar dynamically, Regenerating the soot particulate filter at standstill, Cleaning/replacing the soot particulate filter, Replacing the lean NOx catalyst, Resetting differential pressure sensor learning values

(Peugeot 407, 6):

Initialising adaptive functions, Locking the airbag ECU, Unlocking the airbag ECU, Initializing the wipers, Initializing the rotation rate/acceleration sensor, Initializing the power

window anti-pinch protection, Resetting gearbox learning values, Initializing the fuel level, Self-adaptation of A/C system, Adjusting the xenon headlight, Calibrating the steering-angle sensor, Resetting learned values of steering angle sensor, Special bleeding

(Peugeot 408, F):

Replace the battery., Initialize starter, Initializing the crankshaft sensor, Initializing the intake cam phaser, Replace the piston, Initializing the electric coolant pump, Initializing the boost pressure control valve, Replacing the oil pump, Initializing the valves after valve seat processing, Initializing the oxygen sensors, Replacing the tensioner pulley of accessory, Calibrating the corner radar dynamically, Performing basic setting of high-voltage battery module, Bleeding the ABS/ESC system, Regenerating the soot particulate filter at standstill, Learning the turbocharger, Initialising adaptive functions, Initializing the longitudinal acceleration sensor, Initializing the throttle valve, Replace auxiliary drive belt, Replacing the exhaust manifold, Replace cylinder head, Replacing the differential pressure sensor, Initializing the fuel level, Reducing fuel high pressure, Adapting the radiator shutter, Bleeding the cooling system, Initializing the steering-angle sensor, Leaving the ECO mode, Cleaning/replacing the soot particulate filter, Initialising the boost pressure regulator, Initializing the rain/light sensor, Learning the flywheel, Replacing the lean NOx catalyst, Adapting the variable camshaft timing, Calibrating the camera ECU, Replace brake parts, Initializing the alternator, Resetting differential pressure sensor learning values

(Peugeot 5008, 0A):

Initializing the boost pressure control valve, Replacing engine parts

(Peugeot 5008, M):

Replacing engine parts, Resetting differential pressure sensor learning values

(Peugeot 508, F):

Resetting differential pressure sensor learning values

(Peugeot Expert-IV, V):

Bleeding the fuel presupply system, Reconnecting the battery, Replace the battery., Cleaning the EGR cooler switchover valve, Regenerating the soot particulate filter, Reactivating the emergency brake assistant, Initializing the rotor position sensor, Draining the cooling system, Filling the cooling system, Performing basic setting of high-voltage battery module, Bleeding the ABS/ESC system, Initializing the EGR valve, Filling the regeneration additive container, Replacing the particle filter, Locking the airbag ECU, Unlocking the airbag ECU, Bleeding the fuel system, Initializing the longitudinal acceleration sensor, Replace auxiliary drive belt, Emptying/filling the diesel exhaust fluid tank, Resetting the diesel exhaust fluid level, Regenerating the DeNOx catalyst, Initializing the DeNOx system, Learning the turbocharger, Initializing the fuel level, Initializing the air metering system, Bleeding the cooling system, Adapting the

<p>Service resets</p> <p>Test function</p>	<p>clutch biting point, Initializing the A/C flap actuators, Initializing the steering-angle sensor, Leaving the ECO mode, Checking the transmission fluid level, Calibrating the radar sensor, Initializing the rain/light sensor, Activating the start/stop function, Cleaning EGR valve, Replacing transmission components, Removing/installing the gear selector lever, Initializing the transmission selector actuator, Saving the gearshift pattern, Calibrating the camera ECU, Replacing engine parts, Replace brake parts</p> <p>(Peugeot Partner-II, M 59 GL): Initialising adaptive functions, Calibrating the steering-angle sensor, Resetting learned values of steering angle sensor, Special bleeding</p> <p>(Peugeot Partner-IV, E), (Peugeot Rifter, E): Initializing the boost pressure control valve</p> <p>(Peugeot 208, C), (Peugeot 408, F), (Peugeot 301, DD), (Peugeot 407, 6), (Peugeot 208, UB9HPA), (Peugeot Expert-IV, V), (Peugeot 308, 4), (Peugeot Partner-II, M 59 GL)</p> <p>(Peugeot 408, F), (Peugeot Expert-IV, V)</p>
<p>Porsche</p>	
<p>Trouble codes</p> <p>Parameters</p> <p>Actuators</p>	<p>(Porsche Cayenne (92A), 92A), (Porsche Panamera (970), 970), (Porsche 911 (991), 991), (Porsche Cayman (987), 987), (Porsche Boxster (986), 986), (Porsche Cayenne (9PA), 9PA), (Porsche 911 (997), 997), (Porsche Boxster (987), 987), (Porsche Boxster (981), 981), (Porsche Cayman (981), 981), (Porsche Macan (95B), 95B), (Porsche Boxster 718 (982), 982), (Porsche Cayman 718 (982), 982), (Porsche Panamera (971), 971), (Porsche Cayenne (9Yx), 9YA), (Porsche Cayenne (9Yx), 9YB), (Porsche 911 (992), 992), (Porsche Taycan (Y1x), Y1A)</p> <p>(Porsche Cayenne (92A), 92A), (Porsche Panamera (970), 970), (Porsche 911 (991), 991), (Porsche Cayman (987), 987), (Porsche Boxster (986), 986), (Porsche Cayenne (9PA), 9PA), (Porsche 911 (997), 997), (Porsche Boxster (987), 987), (Porsche Boxster (981), 981), (Porsche Cayman (981), 981), (Porsche Macan (95B), 95B), (Porsche Boxster 718 (982), 982), (Porsche Cayman 718 (982), 982), (Porsche Panamera (971), 971), (Porsche Cayenne (9Yx), 9YA), (Porsche Cayenne (9Yx), 9YB), (Porsche 911 (992), 992), (Porsche Taycan (Y1x), Y1A)</p> <p>(Porsche Cayenne (92A), 92A), (Porsche Panamera (970), 970), (Porsche 911 (991), 991), (Porsche Boxster (981), 981), (Porsche Cayman (981), 981), (Porsche Macan (95B), 95B), (Porsche Boxster 718 (982), 982), (Porsche Cayman 718 (982), 982), (Porsche Panamera (971), 971), (Porsche Cayenne (9Yx), 9YA), (Porsche Cayenne (9Yx), 9YB), (Porsche 911 (992), 992), (Porsche Taycan (Y1x), Y1A)</p>

<p> Codings</p>	<p>(Porsche Cayenne (92A), 92A): Coding the parking brake ECU, Registering the battery, Coding the fuel burning heater</p>
<p> Basic settings</p>	<p>(Porsche Cayenne (92A), 92A): Initializing the throttle valve, Adjust clearance of parking brake, Actuating the installation/removal position of the parking brake, Initializing the adaptive cruise control sensor, Bleeding the cooling system, Calibrating the parking brake, Calibrating the camera ECU, Performing the parking brake bedding-in drive, Burning off aux. heater/independent car heater, Unlocking aux. heater/independent car heater</p>
<p> Service resets</p>	<p>(Porsche Cayenne (92A), 92A)</p>
<p>Renault</p>	
<p> Trouble codes</p>	<p>(Renault Fluence, L30A,LZBA), (Renault Vel Satis, BJ0G), (Renault Espace-IV, JK00), (Renault Megane-III, DZ0F), (Renault Trafic-II, JL0H), (Renault Megane-II, KM01), (Renault Scenic-III, JZ07,JZ0B), (Renault Kangoo-II, KW05), (Renault Laguna-II, BG0F), (Renault Laguna-I, B568), (Renault Clio-II, BB0T), (Renault Scenic-II, JM0F), (Renault Clio-III, BR06), (Renault Laguna-III, DT1M), (Renault Master- III, FV), (Renault Koleos-I, HY0A,VY0A), (Renault Megane-IV, B9A1), (Renault Clio-IV, BHMA), (Renault Captur-I, J5M0), (Renault Trafic-III, FGMD,FGME,JGMD,JGME), (Renault Zoe, BFMA), (Renault Twingo-III, BCM1), (Renault Kadjar, HLA4), (Renault Espace-V, JRA5), (Renault Talisman, L2A3,LPA3), (Renault Scenic-IV, J9MR,R9MR), (Renault Koleos-II, HCAK), (Renault Twingo-II, CN0K,CN04,CN0A,CN0B), (Renault Alaskan, U3MD), (Renault Clio-V, B7MT), (Renault Captur-II, RJB), (Renault Master-II, JV04), (Renault Arkana,), (Renault Express-II, F6MA), (Renault Kangoo-III, RFK), (Renault Megane e-Tech Electr, BNJ2), (Renault Austral, RHN), (Renault None, RHN)</p>
<p> Parameters</p>	<p>(Renault Fluence, L30A,LZBA), (Renault Vel Satis, BJ0G), (Renault Espace-IV, JK00), (Renault Megane-III, DZ0F), (Renault Trafic-II, JL0H), (Renault Megane-II, KM01), (Renault Scenic-III, JZ07,JZ0B), (Renault Kangoo-II, KW05), (Renault Laguna-II, BG0F), (Renault Laguna-I, B568), (Renault Clio-II, BB0T), (Renault Scenic-II, JM0F), (Renault Clio-III, BR06), (Renault Laguna-III, DT1M), (Renault Master- III, FV), (Renault Koleos-I, HY0A,VY0A), (Renault Megane-IV, B9A1), (Renault Clio-IV, BHMA), (Renault Captur-I, J5M0), (Renault Trafic-III, FGMD,FGME,JGMD,JGME), (Renault Zoe, BFMA), (Renault Twingo-III, BCM1), (Renault Kadjar, HLA4), (Renault Espace-V, JRA5), (Renault Talisman, L2A3,LPA3), (Renault Scenic-IV, J9MR,R9MR), (Renault Koleos-II, HCAK), (Renault Twingo-II, CN0K,CN04,CN0A,CN0B), (Renault Alaskan, U3MD), (Renault Clio-V, B7MT), (Renault Captur-II, RJB), (Renault Master-II, JV04), (Renault Arkana,), (Renault</p>

Actuators

Express-II, F6MA), (Renault Kangoo-III, RFK), (Renault Megane e-Tech Electr, BNJ2), (Renault Austral, RHN), (Renault None, RHN)

(Renault Megane-III, DZ0F), (Renault Scenic-III, JZ07,JZ0B), (Renault Kangoo-II, KW05), (Renault Laguna-III, DT1M), (Renault Koleos-I, HY0A,VY0A), (Renault Megane-IV, B9A1), (Renault Scenic-II, JM16), (Renault Clio-IV, BHMA), (Renault Captur-I, J5M0), (Renault Kadjar, HLA4), (Renault Espace-V, JRA5), (Renault Talisman, L2A3,LPA3), (Renault Fluence, LZVJ,L33J), (Renault Scenic-IV, J9MR,R9MR), (Renault Koleos-II, HCAK), (Renault Master-III, EV,HV,UV), (Renault Espace-IV, JK1J,JK1F,JKFJ,JK01,JK04), (Renault Alaskan, U3MD), (Renault Clio-V, B7MT), (Renault Captur-II, RJB), (Renault Zoe, BFMF), (Renault Arkana,), (Renault Express-II, F6MA)

Codings

(Renault Austral, HGM2), (Renault Megane e-Tech Electr, BNJ2):

Airbag ECU locking/unlocking

(Renault Captur-I, J5__):

Airbag ECU locking/unlocking , Coding injectors, Coding the wheel sets (summer/winter), Coding instrument cluster units, Coding the language version

(Renault Clio-IV, BHM6):

Airbag ECU locking/unlocking , Coding injectors, Coding instrument cluster units, Coding the language version, Coding the tire size

(Renault Clio-V, B7MT):

Airbag ECU locking/unlocking , Adapting the trailer hitch to advanced driver assistance systems, Switching on/off the automatic parking brake application, Coding instrument cluster units, Coding the language version, Coding the tire size

(Renault Kangoo-II, FW07,FW10,FW04):

Locking the airbag ECU, Unlocking the airbag ECU, Coding injectors, Coding the language version

(Renault Master-III, EV,HV,UV):

Airbag ECU locking/unlocking , Adapting the trailer hitch to advanced driver assistance systems, Coding injectors, Coding the language version, Coding the tire size

(Renault Scenic-II, JM16):

Locking the airbag ECU, Unlocking the airbag ECU, Coding the parking brake ECU, Switching on/off the automatic parking brake application, Coding clutch biting point, Adjusting the parking assist tone, Adjust parking assistance volume, Coding the wheel sets (summer/winter), De-/activating daytime running lights, Displaying wheel valve codes

(Renault Trafic-III, JGMM,JGMV):

Airbag ECU locking/unlocking , Adapting the trailer hitch to advanced driver assistance systems, Coding the language version

| Basic settings

(Renault Arkana, RJL), (Renault Captur-II, RJB), (Renault Express-II, F6AA), (Renault Kangoo-III, RFK), (Renault Megane e-Tech Electr, BNJ2), (Renault Megane-IV, K9NC), (Renault Talisman, LPNC), (Renault Twingo-III, BCMD), (Renault Zoe, BFMC,BFMD):

Replacing emergency battery of emergency call system/telematics system

(Renault Austral, HGM2):

Calibrate radar dynamically, Replacing emergency battery of emergency call system/telematics system, Calibrating the radar sensor RL dynamically, Calibrating the radar sensor RR dynamically, Initializing the steering-angle sensor, Resetting learned values of steering angle sensor, De/activating the electric parking brake service mode, Calibrating the camera ECU

(Renault Captur-I, J5__), (Renault Clio-IV, BHM6):

Adapting the clutch assembly, Bleeding the ABS hydraulic unit, Resetting learned values of steering angle sensor, Initializing the steering-angle sensor

(Renault Clio-V, RJA):

Resetting the start counter, Calibrate radar dynamically, Replacing emergency battery of emergency call system/telematics system, Calibrating rear radar sensors, Bleeding the ABS hydraulic unit, Initializing the steering-angle sensor, Initializing the throttle valve, Initializing the starter ring gear, Resetting learned values of camshaft sensor, Learning the turbocharger, Adapting the variable camshaft timing, De/activating the parking brake service mode, Calibrating the camera ECU

(Renault Kangoo-II, FW07,FW10,FW04):

Reset low-pressure EGR learned values, Regenerating the soot particulate filter, Initializing the soot particulate filter upon replacement, Initializing the EGR valve, Initializing the differential pressure sensor, Bleeding the ABS hydraulic unit, Initializing the mass airflow sensor, Initializing the intake-air flap, Resetting high-pressure fuel pump adaptation values, Learning the lambda sensor, Resetting learned values of steering angle sensor, Initializing the steering-angle sensor, Learning the flywheel, Initializing the exhaust gas flap, Resetting catalyst adaptation values, Initializing the fuel pressure sensor or the fuel rail

(Renault Master-III, EV,HV,UV):

Resetting oxygen sensor adaptation values, Regenerating the soot particulate filter, Initializing the diesel exhaust fluid pump module, Initializing the diesel exhaust fluid injector, Adapting the diesel exhaust fluid tank, Initializing the fuel high-pressure sensor, Initializing the soot particulate filter upon replacement, Initializing the EGR valve, Initializing the differential pressure sensor, Bleeding the ABS hydraulic unit, Initializing the mass airflow sensor, Resetting EGR valve learning values, Resetting the diesel exhaust fluid level, Initializing the intake-air flap, Resetting high-pressure fuel pump adaptation values, Reset learned values of intake-air flap., Reset learned values of the EGR bypass valve, Initializing the air distribution flaps, Learning the lambda

Service resets

Secured by Cyber Security Management (CSM) system

Capable for diagnostics only with Cyber Security Management

sensor, Initializing the steering-angle sensor, Regenerating the soot particulate filter, Resetting the start inhibitor of DEF injection system, Initializing the starter ring gear, Initializing the high-pressure fuel pump, Resetting learned values of NOx adsorption catalyst, Initializing the fuel pressure sensor or the fuel rail, Calibrating the camera ECU

(Renault Scenic-II, JM16):

Bleeding the ABS hydraulic unit, Resetting EGR valve learning values, Resetting pressure regulation learned values, Resetting the particulate filter learning values, Initializing the ESC sensors, Adapting the clutch biting point, Regenerating the soot particulate filter, Resetting engine adaptation values, De/activating the parking brake service mode

(Renault Trafic-III, FGMM,FGMV):

Calibrate radar dynamically, Replacing emergency battery of emergency call system/telematics system, Bleeding the ABS hydraulic unit, Initializing the steering-angle sensor, Resetting learned values of steering angle sensor, Calibrating the camera ECU

(Renault Scenic-II, JM16), (Renault Master-III, EV,HV,UV), (Renault Captur-I, J5__), (Renault Clio-IV, BHM6), (Renault Kangoo-II, FW07,FW10,FW04)

(Renault Espace-V, JRM1), (Renault Espace-V, JRAL), (Renault Espace-V, JRAM), (Renault Megane-IV, B9N8), (Renault Megane-IV, B9N9), (Renault Megane-IV, B9NB), (Renault Megane-IV, K9N8), (Renault Megane-IV, K9N9), (Renault Megane-IV, K9NC), (Renault Megane-IV, K9NB), (Renault Megane-IV, K9A2), (Renault Megane-IV, K9A6), (Renault Megane-IV, B9NC), (Renault Megane-IV, B9A2), (Renault Megane-IV, B9A6), (Renault Twingo-III, BCMD), (Renault Talisman, LPA7), (Renault Talisman, LPA8), (Renault Talisman, LPM1), (Renault Talisman, KPA7), (Renault Talisman, KPM1), (Renault Megane-IV, B9), (Renault Talisman, LPAL), (Renault Talisman, LPAM), (Renault Talisman, LPNC), (Renault Clio-V, B7MT), (Renault Clio-V, B7MF), (Renault Clio-V, B7AD), (Renault Captur-II, RJB), (Renault Talisman, KPAM), (Renault Talisman, KPAL), (Renault Megane-IV, B9M8), (Renault Megane-IV, B9A7), (Renault Zoe, BFMF), (Renault Twingo-III, BCME), (Renault Twingo-III, BCM4), (Renault Twingo-III, BCMJ), (Renault Zoe, BFMC,BFMD), (Renault Clio-V, RJA), (Renault Megane-IV, K9A7), (Renault Megane-IV, RFB), (Renault Trafic-III, JGMM), (Renault Trafic-III, FGMM,FGMV), (Renault Trafic-III, JGMM, JGMV), (Renault Clio-V, B7AG), (Renault Megane-IV,), (Renault Twingo-III, BCA1), (Renault Arkana,), (Renault Arkana, R JL), (Renault Kangoo-III, RFK), (Renault Kangoo-III, KJAA), (Renault Kangoo-III, KJAB), (Renault Kangoo-III, KJMA), (Renault Kangoo-III, KJMB), (Renault Kangoo-III, FJMA), (Renault Kangoo-III, FJMB), (Renault Kangoo-III, FJAA), (Renault Kangoo-III, FJAB), (Renault Talisman,), (Renault Trafic-III, JGMW,FGMW), (Renault Trafic-III, JGMU, FGMU), (Renault Trafic-III, FGMV), (Renault Espace-V, JRFC), (Renault Megane e-Tech Electr, BNJ2), (Renault Megane e-

Tech Electr, BNJ1), (Renault Talisman, RFD), (Renault Austral, RHN), (Renault Kangoo-III, KJAC), (Renault Trafic-III, FGMU), (Renault Megane-IV, LVNB), (Renault Austral, HGM2), (Renault None, RHN)

Saab

Trouble codes

(Saab 9-3, YS3F), (Saab 9-5, YS3E)

Parameters

(Saab 9-5, YS3E), (Saab 9-3, YS3E)

Seat

Trouble codes

(Seat Alhambra, 71), (Seat Altea, 5P), (Seat Leon, 1P), (Seat Mii, KF), (Seat Toledo, 5P), (Seat Alhambra, 7V), (Seat Ibiza, 6J), (Seat Leon, 5F), (Seat Exeo, 3R), (Seat Toledo, KG), (Seat Ibiza, 6P), (Seat Ateca, KH), (Seat Ibiza, KJ), (Seat Arona, KJ), (Seat Tarraco, KN), (Seat Mii, KE), (Seat Leon, KL)

Parameters

(Seat Alhambra, 71), (Seat Altea, 5P), (Seat Leon, 1P), (Seat Mii, KF), (Seat Toledo, 5P), (Seat Alhambra, 7V), (Seat Ibiza, 6J), (Seat Leon, 5F), (Seat Exeo, 3R), (Seat Toledo, KG), (Seat Ibiza, 6P), (Seat Ateca, KH), (Seat Ibiza, KJ), (Seat Arona, KJ), (Seat Tarraco, KN), (Seat Mii, KE), (Seat Leon, KL)

Actuators

(Seat Alhambra, 71), (Seat Altea, 5P), (Seat Leon, 1P), (Seat Mii, KF), (Seat Toledo, 5P), (Seat Alhambra, 7V), (Seat Ibiza, 6J), (Seat Leon, 5F), (Seat Exeo, 3R), (Seat Toledo, KG), (Seat Ibiza, 6P), (Seat Ateca, KH), (Seat Ibiza, KJ), (Seat Arona, KJ), (Seat Tarraco, KN), (Seat Mii, KE), (Seat Leon, KL)

Codings

(Seat Ibiza, 6J):
Coding the trailer hitch, Expert mode ECU coding, General ECU replacement, Registering the battery, Coding the parking assist, Adjust parking assistance volume, Coding the radio remote control, De-/activating the cruise control, Coding the trailer detection, Coding the power steering, Coding the headlight leveling system, Coding the engine ECU, Coding the language version of instrument cluster, Deactivating/activating the transport mode, Coding the body control module, Variable service interval coding, Coding the gateway installation list

(Seat Leon, KL):
Coding the power operated tailgate module, De/activating the trailer hitch, Registering the battery, Adjust parking assistance volume, Coding the trailer detection, Coding injectors, Coding the rain/light sensor, Deactivating/activating the transport mode

| **Basic settings**

(Seat Arona, KJ), (Seat Ibiza, KJ), (Seat Leon, 5F):
CSM release, Deactivate/activate diagnostic filter

(Seat Ateca, KH), (Seat Tarraco, KN):
CSM release, Deactivate/activate diagnostic filter,
Performing engine adaptations

(Seat Ibiza, 6J):
Regenerating the soot particulate filter, Activating the central locking system, Resetting gen. ECU learning values, Initializing the EGR valve, Initializing the brake-pressure sensor, Resetting the impact mode, Adapting the soot particulate filter, Initializing the throttle valve, Initializing the ESC sensors, Adapting the exhaust gas pressure sensor, Bringing gear actuator of direct shift transmission in neutral position, Initializing the transmission ECU, Initializing the A/C flap actuators, Adjusting the headlights, Initializing the steering-angle sensor, Initializing the lateral acceleration sensor, Special bleeding

(Seat Leon, KL):
Initializing the oxidation catalyst, De-energizing the 48 V system, Putting the 48 V system back into operation, Filling fuel lines of parking heater/auxiliary heater, Initializing electric seats, Performing basic settings of emergency call system/telematics system, CSM release, Deactivate/activate diagnostic filter, Initializing the steering-angle sensor, Initializing the brake-pressure sensor, Bleeding the fuel system, Resetting the impact mode, Adapting the soot particulate filter, Initializing the throttle valve, Initializing the adaptive cruise control, Initializing the ESC sensors, Adapting the fuel burning heater remote control, Performing transmission adaptations, Resetting the diesel exhaust fluid level, Standardizing the liftgate, Performing engine adaptations, Bleeding the cooling system, Initializing the A/C flap actuators, Adjusting the headlights, Resetting engine adaptation values, Resetting the start inhibitor of DEF injection system, Initializing the tilt/slide sunroof, Initializing the neutral position sensor, Regenerating the soot particulate filter, Activating the roller test stand mode, Special bleeding, Performing the initial run-in of the air conditioning compressor, Adapting the electronic damper control, Parking brake maintenance work, Calibrating the camera ECU, Burning off aux. heater/independent car heater, Activating the retrofitted parking heater, Unlocking aux. heater/independent car heater

| **Service resets**

(Seat Leon, KL), (Seat Ibiza, 6J)

| **Test function**

(Seat Leon, KL)

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

(Seat Leon, KL), (Seat Arona, KJ)

Skoda

| Trouble codes

(Skoda Yeti, 5L), (Skoda Octavia, 1U), (Skoda Fabia, 6Y), (Skoda Superb, 3U), (Skoda Citigo, NF), (Skoda Octavia, 1Z), (Skoda Kodiaq, NS), (Skoda Fabia, 54), (Skoda Roomster, 5J), (Skoda Superb, 3T), (Skoda Rapid, NH), (Skoda Octavia, 5E), (Skoda Fabia, NJ), (Skoda Superb, 3V), (Skoda Karoq, NU), (Skoda Scala, NW), (Skoda Kamiq, NW), (Skoda Citigo, NE), (Skoda Enyaq, 5A), (Skoda Octavia, NX), (Skoda Octavia, PV), (Skoda Fabia, PJ), (Skoda Superb, NZ), (Skoda Kodiaq, PS)

| Parameters

(Skoda Yeti, 5L), (Skoda Octavia, 1U), (Skoda Fabia, 6Y), (Skoda Superb, 3U), (Skoda Citigo, NF), (Skoda Octavia, 1Z), (Skoda Kodiaq, NS), (Skoda Fabia, 54), (Skoda Roomster, 5J), (Skoda Superb, 3T), (Skoda Rapid, NH), (Skoda Octavia, 5E), (Skoda Fabia, NJ), (Skoda Superb, 3V), (Skoda Karoq, NU), (Skoda Scala, NW), (Skoda Kamiq, NW), (Skoda Citigo, NE), (Skoda Enyaq, 5A), (Skoda Octavia, NX), (Skoda Octavia, PV), (Skoda Fabia, PJ), (Skoda Superb, NZ), (Skoda Kodiaq, PS)

| Actuators

(Skoda Yeti, 5L), (Skoda Octavia, 1U), (Skoda Fabia, 6Y), (Skoda Superb, 3U), (Skoda Citigo, NF), (Skoda Octavia, 1Z), (Skoda Kodiaq, NS), (Skoda Fabia, 54), (Skoda Roomster, 5J), (Skoda Superb, 3T), (Skoda Rapid, NH), (Skoda Octavia, 5E), (Skoda Fabia, NJ), (Skoda Superb, 3V), (Skoda Karoq, NU), (Skoda Scala, NW), (Skoda Kamiq, NW), (Skoda Citigo, NE), (Skoda Enyaq, 5A), (Skoda Octavia, NX), (Skoda Octavia, PV), (Skoda Fabia, PJ), (Skoda Superb, NZ), (Skoda Kodiaq, PS)

| Codings

(Skoda Enyaq, 5A):
Coding the power operated tailgate module, De/activating the trailer hitch, Coding the trailer detection, Coding the rain/light sensor, Deactivating/activating the transport mode

(Skoda Fabia, PJ):
De/activating the trailer hitch, Expert mode ECU coding, General ECU replacement, Adapting the trailer hitch to advanced driver assistance systems, Registering the battery, Coding the parking assist, Adjust parking assistance volume, Synchronisation of the remote control, Coding the trailer detection, Coding the steering-column module, Coding the rain/light sensor, Coding the language version, Deactivating/activating the transport mode, Coding the gateway installation list

(Skoda Kamiq, NW), (Skoda Scala, NW):
Coding the power operated tailgate module, De/activating the trailer hitch, Expert mode ECU coding, General ECU replacement, Adapting the trailer hitch to advanced driver assistance systems, Registering the battery, Coding the parking assist, Adjust parking assistance volume, Synchronisation of the remote control, Coding the trailer detection, Coding the steering-column module, Coding the

| Basic settings

rain/light sensor, Coding the language version, Deactivating/activating the transport mode, Coding the gateway installation list

(Skoda Kodiaq, PS), (Skoda Octavia, PV), (Skoda Superb, NZ):

Registering the battery, Coding injectors, Deactivating/activating the transport mode

(Skoda Octavia, 1U):

Coding the ABS ECU, Coding the ABS ECU (Bosch), Coding the radio remote control, Activating cruise control, Deactivating cruise control, Coding the transmission ECU, Code light control, Coding the engine ECU, Variable service interval coding

(Skoda Octavia, NX):

Coding the power operated tailgate module, De/activating the trailer hitch, Registering the battery, Adjust parking assistance volume, Coding the trailer detection, Coding the rain/light sensor, Deactivating/activating the transport mode

(Skoda Enyaq, 5A):

Initializing electric seats, Performing maintenance work on the refrigerant circuit, Performing basic settings of emergency call system/telematics system, Resetting the brake pad wear indicator, Initializing the brake-pedal travel sensor, CSM release, Deactivate/activate diagnostic filter, Initializing the steering-angle sensor, Initializing the brake-pressure sensor, Adjusting the headlights, Initializing the ESC sensors, Standardizing the liftgate, Adapting the radiator shutter, Initializing the adaptive cruise control, Bleeding the cooling system, Initializing the A/C flap actuators, Initializing the tilt/slide sunroof, Adapting the electronic damper control, Parking brake maintenance work, Calibrating the camera ECU

(Skoda Fabia, PJ):

Initializing the seat belt tensioner ECU, Performing basic settings of emergency call system/telematics system, CSM release, Deactivate/activate diagnostic filter, Initializing the steering-angle sensor, Resetting the impact mode, Initializing the ESC sensors, Performing transmission adaptations, Initializing the adaptive cruise control, Initializing the A/C flap actuators, Adjusting the headlights, Initializing the tilt/slide sunroof, Special bleeding, Performing the initial run-in of the air conditioning compressor, Calibrating the camera ECU, Initializing the alternator

(Skoda Kamiq, NW), (Skoda Scala, NW):

Initializing the seat belt tensioner ECU, Performing basic settings of emergency call system/telematics system, CSM release, Deactivate/activate diagnostic filter, Initializing the steering-angle sensor, Resetting the impact mode, Adapting the soot particulate filter, Initializing the throttle valve, Initializing the ESC sensors, Performing transmission adaptations, Standardizing the liftgate, Initializing the adaptive cruise control, Initializing the A/C flap actuators, Adjusting the headlights, Initializing the tilt/slide sunroof, Initializing the neutral position sensor, Regenerating the

soot particulate filter, Resetting learned values of injectors, Initialising the boost pressure regulator, Special bleeding, Performing the initial run-in of the air conditioning compressor, Calibrating the camera ECU, Initializing the alternator

(Skoda Karoq, NU), (Skoda Superb, 3V):
CSM release, Deactivate/activate diagnostic filter,
Performing engine adaptations

(Skoda Kodiaq, NS):
CSM release, Deactivate/activate diagnostic filter,
Performing engine adaptations, Adjusting the headlights

(Skoda Kodiaq, PS), (Skoda Superb, NZ):
Initializing the oxidation catalyst, CSM release, Deactivate/activate diagnostic filter, Bleeding the fuel system, Adapting the soot particulate filter, Initializing the adaptive cruise control, Resetting the diesel exhaust fluid level, Performing engine adaptations, Bleeding the cooling system, Resetting the start inhibitor of DEF injection system, Regenerating the soot particulate filter, Calibrating the camera ECU

(Skoda Octavia, 1U):
Initializing the steering-angle sensor, TDI start of injection, Resetting gearbox learning values, Adapting the electronic climate control, Adjusting the xenon headlight, Initializing the tilt/slide sunroof, EGR test, Initializing the lateral acceleration sensor, Special bleeding (MK60), Brake-pressure sensor (MK60), Zero reset of longitudinal acceleration sensor (MK60), Brake-pressure sensor (MK20), Zero reset of longitudinal acceleration sensor (MK20)

(Skoda Octavia, NX):
De-energizing the 48 V system, Putting the 48 V system back into operation, Filling fuel lines of parking heater/ auxiliary heater, Initializing electric seats, Performing basic settings of emergency call system/telematics system, Initializing the steering-angle sensor, Initializing the brake-pressure sensor, Resetting the impact mode, Initializing the throttle valve, Initializing the adaptive cruise control, Initializing the ESC sensors, Adapting the fuel burning heater remote control, Performing transmission adaptations, Standardizing the liftgate, Performing engine adaptations, Initializing the A/C flap actuators, Adjusting the headlights, Resetting engine adaptation values, Initializing the tilt/slide sunroof, Initializing the neutral position sensor, Activating the roller test stand mode, Special bleeding, Performing the initial run-in of the air conditioning compressor, Adapting the electronic damper control, Parking brake maintenance work, Calibrating the camera ECU, Burning off aux. heater/ independent car heater, Activating the retrofitted parking heater, Unlocking aux. heater/independent car heater

(Skoda Octavia, PV):
Initializing the oxidation catalyst, De-energizing the 48 V system, Putting the 48 V system back into operation, CSM release, Deactivate/activate diagnostic filter, Bleeding the fuel system, Adapting the soot particulate filter, Initializing the adaptive cruise control, Resetting the diesel exhaust fluid level, Performing engine adaptations, Bleeding the cooling

	<p>system, Resetting the start inhibitor of DEF injection system, Regenerating the soot particulate filter, Activating the roller test stand mode, Parking brake maintenance work, Calibrating the camera ECU</p>
<p> Service resets</p>	<p>(Skoda Kamiq, NW), (Skoda Scala, NW), (Skoda Octavia, PV), (Skoda Enyaq, 5A), (Skoda Octavia, 1U), (Skoda Octavia, NX), (Skoda Superb, NZ), (Skoda Kodiaq, PS), (Skoda Fabia, PJ)</p>
<p> Test function</p>	<p>(Skoda Octavia, PV), (Skoda Octavia, NX), (Skoda Superb, NZ), (Skoda Kodiaq, PS)</p>
<p> Secured by Cyber Security Management (CSM) system Capable for diagnostics only with Cyber Security Management</p>	<p>(Skoda Enyaq, 5A), (Skoda Octavia, NX), (Skoda Kamiq, NW), (Skoda Octavia, PV), (Skoda Superb, NZ), (Skoda Kodiaq, PS), (Skoda Fabia, PJ)</p>

Smart/MCC

<p> Trouble codes</p>	<p>(Smart/MCC Smart Fortwo, 453391), (Smart/MCC Smart Forfour, 453091)</p>
<p> Parameters</p>	<p>(Smart/MCC Smart Fortwo, 453391), (Smart/MCC Smart Forfour, 453091)</p>

Subaru

<p> Trouble codes</p>	<p>(Subaru Impreza, GP), (Subaru XV, G4), (Subaru Forester, SJ), (Subaru Legacy/Outback, BS), (Subaru WRX, V1), (Subaru Levorg, VM), (Subaru BRZ, ZD), (Subaru Solterra, EAM1S)</p>
<p> Parameters</p>	<p>(Subaru Impreza, GP), (Subaru XV, G4), (Subaru Forester, SJ), (Subaru Legacy/Outback, BS), (Subaru WRX, V1), (Subaru Levorg, VM), (Subaru BRZ, ZD), (Subaru Solterra, EAM1S)</p>
<p> Actuators</p>	<p>(Subaru Forester, SK), (Subaru BRZ, ZD)</p>
<p> Basic settings</p>	<p>(Subaru BRZ, ZD): Regenerating the soot particulate filter, Resetting the particulate filter learning values, Bleeding the cooling system, Initializing the rain/light sensor, Resetting starter learning values, De/activating the parking brake service mode, Calibrating the camera ECU</p> <p>(Subaru Forester, SK): De/activating the parking brake service mode, Initializing the A/C flap actuators, Initializing the rain/light sensor, Calibrating the camera ECU</p>

Suzuki

| Trouble codes

(Suzuki Baleno, EW), (Suzuki Swace, AMZ), (Suzuki SX4, JY), (Suzuki Vitara, LY), (Suzuki Swift, AZ), (Suzuki Ignis, MF), (Suzuki Jimny, GJ), (Suzuki Across, A5Z), (Suzuki S-Cross, AKK414), (Suzuki S-Cross, AKK415)

| Parameters

(Suzuki Baleno, EW), (Suzuki Swace, AMZ), (Suzuki SX4, JY), (Suzuki Vitara, LY), (Suzuki Swift, AZ), (Suzuki Ignis, MF), (Suzuki Jimny, GJ), (Suzuki Across, A5Z), (Suzuki S-Cross, AKK414), (Suzuki S-Cross, AKK415)

| Actuators

(Suzuki Swift, AZ), (Suzuki Vitara, LY), (Suzuki Jimny, GJ), (Suzuki SX4, JY), (Suzuki S-Cross, AKK414), (Suzuki S-Cross, AKK415)

Tesla

| Parameters

(Tesla Model 3, 5YJ3)

Toyota

| Trouble codes

(Toyota GT86, ZN6), (Toyota Auris, ZWE186L), (Toyota Mirai, JPD10L), (Toyota Proace, MDZ), (Toyota Proace, MPY), (Toyota Camry, ASV50), (Toyota Proace, BKY), (Toyota Proace, BPZ), (Toyota Kluger, AXUH70), (Toyota Prius, NHW20), (Toyota RAV 4, ACA30), (Toyota RAV 4, ALA30), (Toyota Corolla, AUR10), (Toyota RAV 4, ZSA44), (Toyota Corolla, ZZE123), (Toyota Avensis, AZT250), (Toyota Avensis, AZT251), (Toyota Avensis, ZTZ251), (Toyota RAV 4, ALA49), (Toyota RAV 4, ALA40), (Toyota RAV 4, ASA44), (Toyota Avensis, ADT271), (Toyota Avensis, ADT251), (Toyota Avensis, ADT250), (Toyota Auris, ADE150), (Toyota Auris, ADE157), (Toyota Land Cruiser, J20A), (Toyota Auris, ZZE150), (Toyota Auris, ZRE151), (Toyota IQ, KGJ10), (Toyota IQ, NUJ10), (Toyota Avensis, ADT270), (Toyota Avensis, ZRT270), (Toyota Avensis, ZRT271), (Toyota Avensis, ZRT272), (Toyota Auris, NRE150), (Toyota Auris, ZRE152), (Toyota Auris, NDE150), (Toyota Yaris, KSP130), (Toyota Avensis, ZTZ250), (Toyota Yaris, NSP130), (Toyota RAV 4, ZSA35), (Toyota RAV 4, ZSA30), (Toyota Verso, ZGR20), (Toyota Verso, ZGR21), (Toyota Verso, AUR20), (Toyota Verso, AUR21), (Toyota Corolla, CDE120), (Toyota Prius, ZVW30), (Toyota Auris, NDE180L), (Toyota IQ, NGJ10), (Toyota RAV 4, ALA35), (Toyota Auris, ZRE152,ZWE150), (Toyota Yaris, NSP90), (Toyota Yaris, NLP130), (Toyota Verso, NSP120), (Toyota Verso, NLP121), (Toyota Prius, ZVW35), (Toyota Auris, NRE180L), (Toyota Auris, ZRE185L), (Toyota Auris, ADE186L), (Toyota Prius, ZVW40), (Toyota Yaris, NHP130), (Toyota Corolla, ZRE151), (Toyota Camry, ACV51), (Toyota Camry, GSV50), (Toyota Yaris, NLP90), (Toyota Corolla, ADE150), (Toyota Highlander, GSU55L), (Toyota Sienna, GSL30), (Toyota Auris, NDE180), (Toyota Aygo, KGB40), (Toyota RAV 4, ALA41), (Toyota Corolla, NRE180), (Toyota Corolla, ZRE181), (Toyota Corolla, NDE170), (Toyota Verso, WAR20), (Toyota Highlander, ASU50L), (Toyota Highlander, GUV58), (Toyota Auris, NRE185L), (Toyota Auris, WWE185L), (Toyota Avensis, WWT270L), (Toyota Avensis, ZRT271L), (Toyota Avensis, WWT271L), (Toyota RAV 4, AVA42L), (Toyota RAV 4, AVA44L), (Toyota RAV 4, WWA42L), (Toyota RAV 4, ZSA44L), (Toyota Land Cruiser, GDJ15), (Toyota Prius, ZVW50), (Toyota Hilux, GUN135), (Toyota Hilux, GUN123), (Toyota Hilux, GUN125), (Toyota Avensis, ZRT270L), (Toyota Camry, AVV50), (Toyota C-HR, NGX10L), (Toyota C-HR, NGX50L), (Toyota C-HR, ZYX10), (Toyota C-HR, ZGX10L), (Toyota Highlander, ASU55L), (Toyota C-HR, ZGX50L), (Toyota Aygo, PAB40), (Toyota Corolla, ZRE172), (Toyota Auris, NRE180), (Toyota Prius, ZVW52), (Toyota 4Runner, GRN280), (Toyota C-HR, ZGX10), (Toyota Camry, AXVA70), (Toyota Camry, AXVH71), (Toyota Corolla, ZWE211), (Toyota Hilux, TGN16), (Toyota Hilux, TGN26), (Toyota Hilux, GUN1), (Toyota Land Cruiser, KDJ155), (Toyota Land Cruiser, VDJ15), (Toyota Prius, ZVW51), (Toyota RAV 4, ZSA4), (Toyota RAV 4, AVA44), (Toyota Venza, AGV10), (Toyota Venza, AGV15), (Toyota Yaris, KSP130L), (Toyota Corolla, NRE210L), (Toyota Corolla, MZEH12L), (Toyota Corolla, MZEH12), (Toyota RAV

4, MXAA54), (Toyota RAV 4, MXAA52), (Toyota RAV 4, AXAH52), (Toyota RAV 4, AXAH54), (Toyota Yaris, MXP10, MXP11), (Toyota Corolla, ZRE210), (Toyota Yaris, MXP11), (Toyota Hilux, TGN126), (Toyota Hilux, GUN136,GUN156), (Toyota Hilux, GUN126), (Toyota RAV 4, ASA44R), (Toyota Hiace, GDH320), (Toyota Hiace, GRH320,GRH322), (Toyota C-HR, ZYX11), (Toyota Highlander, GSU70), (Toyota Highlander, GSU75), (Toyota Highlander, AXUH78), (Toyota RAV 4, AXAP54), (Toyota Land Cruiser, URJ200), (Toyota Camry, GSV70), (Toyota Kluger, GSU58), (Toyota Kluger, GSU78), (Toyota RAV 4, AXAL54), (Toyota RAV 4, AXAL52), (Toyota 4Runner, TRN280), (Toyota 4Runner, TRN285), (Toyota Auris, NZE151), (Toyota Auris, NZE154), (Toyota Auris, ZRE154), (Toyota Auris, AZE156H), (Toyota Auris, AZE154H), (Toyota Auris, GRE156H), (Toyota Auris, NZE181), (Toyota Auris, NZE184), (Toyota Auris, WWT185), (Toyota Auris, ZRE186), (Toyota Avensis, WWT271), (Toyota Avensis, AZT270), (Toyota C-HR, NGX50), (Toyota C-HR, ZGX11), (Toyota C-HR, MAXH10), (Toyota C-HR, MAXH20), (Toyota C-HR, MAXH21), (Toyota Camry, ASV70), (Toyota C-HR, MAXH25), (Toyota C-HR, ZYX20), (Toyota Camry, AXVH70), (Toyota Camry, ASV40), (Toyota Camry, GSV40), (Toyota Camry, ASV51), (Toyota Corolla, ZRE142), (Toyota Corolla, ZRE144), (Toyota Corolla, NZE161), (Toyota Corolla, NZE164), (Toyota Corolla, NKE165), (Toyota Corolla, ZRE162), (Toyota Corolla, NZE15), (Toyota Corolla, ZRE152), (Toyota Corolla, ZRE154), (Toyota Corolla, AZE151), (Toyota Corolla, NRE214H), (Toyota Corolla, NZE141), (Toyota Corolla, NZE140), (Toyota Corolla, NRE150), (Toyota Corolla, ZZE150), (Toyota Corolla, NZE144), (Toyota Corolla, ZZE141), (Toyota Corolla, ZZE142), (Toyota Corolla, ZRE143), (Toyota Corolla, ZRE153), (Toyota Corolla, AZE141), (Toyota Corolla, NRE160), (Toyota Corolla, NRE161), (Toyota Corolla, ZRE171), (Toyota Corolla, ZRE170), (Toyota Corolla,), (Toyota Corolla, ZRE173), (Toyota Corolla, ZRE211), (Toyota Corolla, ZEW211), (Toyota Supra, DB21,DB22), (Toyota Supra, DB81,DB82), (Toyota Supra, DB41,DB42,DB43), (Toyota Corolla, MZEA12), (Toyota Yaris, KSP211), (Toyota Yaris, GXPA16), (Toyota Yaris, MXPB10), (Toyota Yaris, MXPJ10), (Toyota Yaris, MXPJ15), (Toyota Mirai, JPD20), (Toyota Proace, E), (Toyota Aygo, KGB70), (Toyota bZ4X,), (Toyota GR86, ZN8), (Toyota Corolla, MXGH12), (Toyota Corolla, MXGH15), (Toyota Corolla, MZEH19), (Toyota Prius, MXWH61)

Parameters

(Toyota GT86, ZN6), (Toyota Auris, ZWE186L), (Toyota Mirai, JPD10L), (Toyota Proace, MDZ), (Toyota Proace, MPY), (Toyota Camry, ASV50), (Toyota Proace, BKY), (Toyota Proace, BPZ), (Toyota Kluger, AXUH70), (Toyota Prius, NHW20), (Toyota Aygo, KGB10), (Toyota RAV 4, ACA30), (Toyota RAV 4, ALA30), (Toyota Corolla, AUR10), (Toyota RAV 4, ZSA44), (Toyota Corolla, ZZE123), (Toyota Avensis, AZT250), (Toyota Avensis, AZT251), (Toyota Avensis, ZZE123), (Toyota RAV 4, ALA49), (Toyota RAV 4, ALA40), (Toyota RAV 4, ASA44), (Toyota Avensis, ADT271), (Toyota Avensis, ADT251), (Toyota Avensis, ADT250), (Toyota Auris, ADE150), (Toyota Auris, ADE157), (Toyota Land Cruiser, J20A), (Toyota Auris, ZZE150), (Toyota Auris, ZRE151),

(Toyota IQ, KGJ10), (Toyota IQ, NUJ10), (Toyota Avensis, ADT270), (Toyota Avensis, ZRT270), (Toyota Avensis, ZRT271), (Toyota Avensis, ZRT272), (Toyota Auris, NRE150), (Toyota Auris, ZRE152), (Toyota Auris, NDE150), (Toyota Yaris, KSP130), (Toyota Avensis, ZZT250), (Toyota Yaris, NSP130), (Toyota RAV 4, ZSA35), (Toyota RAV 4, ZSA30), (Toyota Verso, ZGR20), (Toyota Verso, ZGR21), (Toyota Verso, AUR20), (Toyota Verso, AUR21), (Toyota Corolla, CDE120), (Toyota Prius, ZVW30), (Toyota Auris, NDE180L), (Toyota IQ, NGJ10), (Toyota RAV 4, ALA35), (Toyota Auris, ZRE152,ZWE150), (Toyota Yaris, NSP90), (Toyota Yaris, NLP130), (Toyota Verso, NSP120), (Toyota Verso, NLP121), (Toyota Prius, ZVW35), (Toyota Auris, NRE180L), (Toyota Auris, ZRE185L), (Toyota Auris, ADE186L), (Toyota Prius, ZVW40), (Toyota Yaris, NHP130), (Toyota Corolla, ZRE151), (Toyota Camry, ACV51), (Toyota Camry, GSV50), (Toyota Yaris, NLP90), (Toyota Corolla, ADE150), (Toyota Highlander, GSU55L), (Toyota Sienna, GSL30), (Toyota Auris, NDE180), (Toyota Aygo, KGB40), (Toyota RAV 4, ALA41), (Toyota Corolla, NRE180), (Toyota Corolla, ZRE181), (Toyota Corolla, NDE170), (Toyota Verso, WAR20), (Toyota Highlander, ASU50L), (Toyota Highlander, GVU58), (Toyota Auris, NRE185L), (Toyota Auris, WWE185L), (Toyota Avensis, WWT270L), (Toyota Avensis, ZRT271L), (Toyota Avensis, WWT271L), (Toyota RAV 4, AVA42L), (Toyota RAV 4, AVA44L), (Toyota RAV 4, WWA42L), (Toyota RAV 4, ZSA44L), (Toyota Land Cruiser, GDJ15), (Toyota Prius, ZVW50), (Toyota Hilux, GUN135), (Toyota Hilux, GUN123), (Toyota Hilux, GUN125), (Toyota Avensis, ZRT270L), (Toyota Camry, AVV50), (Toyota C-HR, NGX10L), (Toyota C-HR, NGX50L), (Toyota C-HR, ZYX10), (Toyota C-HR, ZGX10L), (Toyota Highlander, ASU55L), (Toyota C-HR, ZGX50L), (Toyota Yaris, NSP131), (Toyota Aygo, PAB40), (Toyota Corolla, ZRE172), (Toyota Auris, NRE180), (Toyota Prius, ZVW52), (Toyota 4Runner, GRN280), (Toyota C-HR, ZGX10), (Toyota Camry, AXVA70), (Toyota Camry, AXVH71), (Toyota Corolla, ZWE211), (Toyota Hilux, TGN16), (Toyota Hilux, TGN26), (Toyota Hilux, GUN1), (Toyota Land Cruiser, KDJ155), (Toyota Land Cruiser, VDJ15), (Toyota Prius, ZVW51), (Toyota RAV 4, ZSA4), (Toyota RAV 4, AVA44), (Toyota Venza, AGV10), (Toyota Venza, AGV15), (Toyota Yaris, KSP130L), (Toyota Corolla, NRE210L), (Toyota Corolla, MZEH12L), (Toyota Corolla, MZEH12), (Toyota RAV 4, MXAA54), (Toyota RAV 4, MXAA52), (Toyota RAV 4, AXAH52), (Toyota RAV 4, AXAH54), (Toyota Yaris, MXP10), (Toyota Yaris, MXP11), (Toyota Corolla, ZRE210), (Toyota Yaris, MXP11), (Toyota Hilux, TGN126), (Toyota Hilux, GUN136,GUN156), (Toyota Hilux, GUN126), (Toyota RAV 4, ASA44R), (Toyota Hiace, GDH320), (Toyota Hiace, GRH320,GRH322), (Toyota C-HR, ZYX11), (Toyota Highlander, GSU70), (Toyota Highlander, GSU75), (Toyota Highlander, AXUH78), (Toyota RAV 4, AXAP54), (Toyota Land Cruiser, URJ200), (Toyota Camry, GSV70), (Toyota Kluger, GSU58), (Toyota Kluger, GSU78), (Toyota RAV 4, AXAL54), (Toyota RAV 4, AXAL52), (Toyota 4Runner, TRN280), (Toyota 4Runner, TRN285), (Toyota Auris, NZE151), (Toyota Auris, NZE154), (Toyota Auris, ZRE154), (Toyota Auris, AZE156H), (Toyota Auris, AZE154H), (Toyota Auris, GRE156H), (Toyota Auris,

NZE181), (Toyota Auris, NZE184), (Toyota Auris, WWE185), (Toyota Auris, ZRE186), (Toyota Avensis, WWT271), (Toyota Avensis, AZT270), (Toyota C-HR, NGX50), (Toyota C-HR, ZGX11), (Toyota C-HR, MAXH10), (Toyota C-HR, MAXH20), (Toyota C-HR, MAXH21), (Toyota Camry, ASV70), (Toyota C-HR, MAXH25), (Toyota C-HR, ZYX20), (Toyota Camry, AXVH70), (Toyota Camry, ASV40), (Toyota Camry, GSV40), (Toyota Camry, ASV51), (Toyota Corolla, ZRE142), (Toyota Corolla, ZRE144), (Toyota Corolla, NZE161), (Toyota Corolla, NZE164), (Toyota Corolla, NKE165), (Toyota Corolla, ZRE162), (Toyota Corolla, NZE15), (Toyota Corolla, ZRE152), (Toyota Corolla, ZRE154), (Toyota Corolla, AZE151), (Toyota Corolla, NRE214H), (Toyota Corolla, NZE141), (Toyota Corolla, NZE140), (Toyota Corolla, NRE150), (Toyota Corolla, ZZE150), (Toyota Corolla, NZE144), (Toyota Corolla, ZZE141), (Toyota Corolla, ZZE142), (Toyota Corolla, ZRE143), (Toyota Corolla, ZRE153), (Toyota Corolla, AZE141), (Toyota Corolla, NRE160), (Toyota Corolla, NRE161), (Toyota Corolla, ZRE171), (Toyota Corolla, ZRE170), (Toyota Corolla,), (Toyota Corolla, ZRE173), (Toyota Corolla, ZRE211), (Toyota Corolla, ZE211), (Toyota Supra, DB21,DB22), (Toyota Supra, DB81,DB82), (Toyota Supra, DB41,DB42,DB43), (Toyota Corolla, MZEA12), (Toyota Yaris, KSP211), (Toyota Yaris, GXPA16), (Toyota Yaris, MXPB10), (Toyota Yaris, MXPJ10), (Toyota Yaris, MXPJ15), (Toyota Mirai, JPD20), (Toyota Proace, E), (Toyota Aygo, KGB70), (Toyota bZ4X,), (Toyota GR86, ZN8), (Toyota Corolla, MXGH12), (Toyota Corolla, MXGH15), (Toyota Corolla, MZEH19), (Toyota Prius, MXWH61)

Actuators

(Toyota Auris, ZWE186L), (Toyota Mirai, JPD10L), (Toyota Proace, MDZ), (Toyota Proace, MPY), (Toyota Camry, ASV50), (Toyota Proace, BKY), (Toyota Proace, BPZ), (Toyota RAV 4, ZSA44), (Toyota RAV 4, ALA49), (Toyota RAV 4, ALA40), (Toyota Camry, GSV50), (Toyota Highlander, GSU55L), (Toyota RAV 4, ALA41), (Toyota Corolla, ZRE181), (Toyota Highlander, ASU50L), (Toyota Highlander, GVU58), (Toyota RAV 4, WWA42L), (Toyota RAV 4, ZSA44L), (Toyota Prius, ZVW50), (Toyota Hilux, GUN135), (Toyota Hilux, GUN123), (Toyota Hilux, GUN125), (Toyota Camry, AVV50), (Toyota C-HR, NGX10L), (Toyota C-HR, NGX50L), (Toyota C-HR, ZYX10), (Toyota C-HR, ZGX10L), (Toyota Highlander, ASU55L), (Toyota C-HR, ZGX50L), (Toyota Corolla, ZRE172), (Toyota Prius, ZVW52), (Toyota C-HR, ZGX10), (Toyota Camry, AXVA70), (Toyota Camry, AXVH71), (Toyota Hilux, GUN1), (Toyota Land Cruiser, KDJ155), (Toyota Land Cruiser, VDJ15), (Toyota Prius, ZVW51), (Toyota RAV 4, ZSA4), (Toyota Sienna, GSL30), (Toyota Venza, AGV10), (Toyota Venza, AGV15), (Toyota Auris, NRE185L), (Toyota Hilux, TGN126), (Toyota Hilux, GUN136,GUN156), (Toyota Hilux, GUN126), (Toyota Hiace, GDH320), (Toyota Hiace, GRH320,GRH322), (Toyota Land Cruiser, URJ200), (Toyota Camry, GSV70), (Toyota Kluger, GSU58), (Toyota Aygo, KGB40), (Toyota RAV 4, AXAL54), (Toyota RAV 4, AXAL52), (Toyota Verso, ZGR20), (Toyota Yaris, NLP130), (Toyota Verso, ZGR21), (Toyota Yaris, NSP130), (Toyota C-HR, NGX50), (Toyota C-HR, ZGX11), (Toyota C-HR, MAXH10), (Toyota Camry, ASV70), (Toyota Camry, AXVH70), (Toyota

| Codings

Camry, ASV40), (Toyota Camry, ASV51), (Toyota Corolla, NZE161), (Toyota Corolla, NZE164), (Toyota Corolla, NKE165), (Toyota Corolla, ZRE162), (Toyota Corolla, AZE151), (Toyota Corolla, NZE140), (Toyota Corolla, NRE150), (Toyota Corolla, ZZE141), (Toyota Corolla, ZRE142), (Toyota Corolla, ZZE142), (Toyota Corolla, ZRE143), (Toyota Corolla, ZRE153), (Toyota Corolla, AZE141), (Toyota Corolla, NRE160), (Toyota Corolla, NRE161), (Toyota Corolla, ZRE171), (Toyota Corolla, ZRE170), (Toyota Corolla,), (Toyota Corolla, ZRE173), (Toyota Supra, DB21,DB22), (Toyota Supra, DB81,DB82), (Toyota Supra, DB41,DB42, DB43), (Toyota Highlander, AXUH78), (Toyota Proace, E), (Toyota GR86, ZN8)

(Toyota Aygo, KGB40):
Configuring the key warning

(Toyota Proace, BKY), (Toyota Proace, BPZ):
Locking the airbag ECU, Unlocking the airbag ECU, Coding the trailer hitch, Registering the battery, Coding the alarm sound, Deactivating/activating the transport mode

(Toyota Proace, MDZ):
Coding the trailer hitch, Registering the battery, Coding injectors, Coding the intrusion monitoring, Coding the VIN

(Toyota Proace, MPY):
Coding the trailer hitch, Registering the battery, Coding injectors, Coding the intrusion monitoring, Coding the alarm sound, Coding the keys, Deactivating/activating the transport mode, Coding the VIN

(Toyota RAV 4, AXAL52), (Toyota Yaris, NSP130):
Coding the comfort opening/closing system, Coding the interior lighting, Coding the wheel valves

(Toyota RAV 4, AXAL54):
Coding the tire pressure check

(Toyota Verso, ZGR20):
Coding the wheel valves, Configuring the key warning

(Toyota Yaris, NLP130):
Coding the comfort opening/closing system, Coding the interior lighting

| Basic settings

(Toyota Aygo, KGB40):
Initializing the throttle valve, Initializing the yaw rate sensor, Resetting gearbox learning values, Initializing the air distribution flaps, Bleeding the ABS/ESC system, Deactivating the electronic stability control, Resetting starter learning values, Calibrating the camera ECU

(Toyota GR86, ZN8):
Regenerating the soot particulate filter, Resetting the particulate filter learning values, Bleeding the cooling system, Initializing the rain/light sensor, Resetting starter learning values, De/activating the parking brake service mode, Calibrating the camera ECU

(Toyota Hilux, GUN1), (Toyota Hilux, GUN123), (Toyota Hilux, GUN125), (Toyota Hilux, GUN135), (Toyota Hilux, KUN15), (Toyota Hilux, KUN25), (Toyota Hilux, KUN26), (Toyota Hilux, KUN35), (Toyota Hilux, N25T), (Toyota Hilux, TGN126):
Bleeding the brake system

(Toyota Land Cruiser, J20A):
Resetting the particulate filter learning values

(Toyota Proace, BKY), (Toyota Proace, BPZ):
Bleeding the fuel presupply system, Reconnecting the battery, Replace the battery., Cleaning the EGR cooler switchover valve, Reactivating the emergency brake assistant, Bleeding the ABS/ESC system, Regenerating the soot particulate filter at standstill, Initializing the EGR valve, Locking the airbag ECU, Unlocking the airbag ECU, Bleeding the fuel system, Initializing the longitudinal acceleration sensor, Initializing the power window anti-pinch protection, Resetting the diesel exhaust fluid level, Initializing the DeNOx system, Learning the turbocharger, Initializing the fuel level, Initializing the air metering system, Bleeding the cooling system, Initializing the A/C flap actuators, Initializing the steering-angle sensor, Leaving the ECO mode, Initializing the rain/light sensor, Activating the start/stop function, Cleaning EGR valve, Calibrating the camera ECU, Replace brake parts

(Toyota Proace, MDZ):
Regenerating the soot particulate filter, Reactivating the emergency brake assistant, Bleeding the ABS/ESC system, Initializing the EGR valve, Filling the regeneration additive container, Locking the airbag ECU, Unlocking the airbag ECU, Bleeding the regeneration additive pump/line, Initializing the longitudinal acceleration sensor, Emptying/filling the diesel exhaust fluid tank, Resetting the diesel exhaust fluid level, Initializing the DeNOx system, Learning the turbocharger, Initializing the fuel level, Initializing the air metering system, Initializing the A/C flap actuators, Initializing the steering-angle sensor, Leaving the ECO mode, Calibrating the radar sensor, Initializing the rain/light sensor, Activating the start/stop function, Replacing transmission components, Removing/installing the gear selector lever, Initializing the transmission selector actuator, Calibrating the camera ECU, Replacing engine parts, Replace brake parts, Replacing the regeneration additive pump

(Toyota Proace, MPY):
Regenerating the soot particulate filter, Reactivating the emergency brake assistant, Initializing the rotor position sensor, Draining the cooling system, Filling the cooling system, Performing basic setting of high-voltage battery module, Bleeding the ABS/ESC system, Initializing the EGR valve, Filling the regeneration additive container, Locking the airbag ECU, Unlocking the airbag ECU, Bleeding the regeneration additive pump/line, Initializing the longitudinal acceleration sensor, Emptying/filling the diesel exhaust fluid tank, Resetting the diesel exhaust fluid level, Initializing the DeNOx system, Learning the turbocharger, Initializing the fuel level, Initializing the air metering system, Bleeding the

cooling system, Initializing the A/C flap actuators, Initializing the steering-angle sensor, Leaving the ECO mode, Calibrating the radar sensor, Initializing the rain/light sensor, Activating the start/stop function, Replacing transmission components, Removing/installing the gear selector lever, Initializing the transmission selector actuator, Calibrating the camera ECU, Replacing engine parts, Replace brake parts, Replacing the regeneration additive pump

(Toyota RAV 4, ALA41):

Regenerating the soot particulate filter, Resetting the particulate filter learning values

(Toyota RAV 4, AXAL52):

Registering the parking assist, Initializing ride height sensors, Bleeding the cooling system power inverter, Initializing the yaw rate sensor, Resetting adaptation values of ABS ECU, Initializing the A/C flap actuators, Calibrating the radar sensor, Service mode (engine immobilizer can be deactivated > gasoline engine runs), Configuring the lane change assist, De/activating the parking brake service mode, Calibrating the camera ECU

(Toyota RAV 4, AXAL54):

Registering the parking assist, Resetting parking brake adaptation values, Bleeding the cooling system power inverter, De/activating the parking brake service mode, Initializing the yaw rate sensor, Resetting adaptation values of ABS ECU, Calibrating the parking brake, Calibrating the radar sensor, Service mode (engine immobilizer can be deactivated > gasoline engine runs), Configuring the lane change assist, De/activating the parking brake service mode, Calibrating the camera ECU

(Toyota Verso, ZGR20):

Initializing ride height sensors, Initializing the yaw rate sensor, Resetting adaptation values of ABS ECU, Deactivating the electronic stability control, Resetting starter learning values, Bleeding the brake system, Calibrating the camera ECU

(Toyota Verso, ZGR21):

Initializing ride height sensors, Initializing the yaw rate sensor, Resetting starter learning values, Calibrating the camera ECU

(Toyota Yaris, NLP130):

Regenerating the soot particulate filter, Initializing the steering-angle sensor, Resetting the particulate filter learning values, Gears (comprehensive learning procedure), Initializing the yaw rate sensor, Learn transmission hydraulics, Initializing the A/C flap actuators, Learning the clutch position, Initializing the transmission ECU, Deactivating the electronic stability control, Calibrating the camera ECU

(Toyota Yaris, NSP130):

Bleeding the ABS hydraulic unit, Initializing the steering-angle sensor, Gears (comprehensive learning procedure), Initializing the yaw rate sensor, Learn transmission hydraulics, Initializing the A/C flap actuators, Learning the

| **Service resets**

clutch position, Initializing the transmission ECU,
Deactivating the electronic stability control, Calibrating the
camera ECU

(Toyota Proace, MPY), (Toyota Proace, MDZ), (Toyota
Proace, BPZ), (Toyota Proace, BKY)

| **Test function**

(Toyota Proace, MPY), (Toyota Proace, MDZ), (Toyota Aygo,
KGB40), (Toyota Verso, ZGR20), (Toyota Yaris, NLP130),
(Toyota Yaris, NSP130)

Volkswagen

Trouble codes

(Volkswagen Amarok, 2H), (Volkswagen Caddy, 2C), (Volkswagen Golf6, AJ), (Volkswagen Passat, 36), (Volkswagen Caddy, 2K), (Volkswagen Crafter, 2F), (Volkswagen Crafter, 2E), (Volkswagen Touareg, 7P), (Volkswagen Tiguan, 5N), (Volkswagen Sharan, 7N), (Volkswagen Jetta, 16), (Volkswagen Golf6, 51), (Volkswagen Touran, 1T), (Volkswagen up!, 12), (Volkswagen CC, 35), (Volkswagen Transporter, 7E), (Volkswagen Golf6, 5K), (Volkswagen Golf7, 5G), (Volkswagen Bora, 1J), (Volkswagen Transporter, 7F), (Volkswagen Golf7, BA), (Volkswagen Golf7, BV), (Volkswagen Golf7, AM), (Volkswagen Golf7, BE), (Volkswagen up!, BL), (Volkswagen Passat, 3G), (Volkswagen Caddy, SA), (Volkswagen Touran, 5T), (Volkswagen Sharan, 7M), (Volkswagen Passat, 3B), (Volkswagen Golf4, 1J), (Volkswagen New Beetle, 1C/9C), (Volkswagen Tiguan, AD), (Volkswagen Transporter, SF), (Volkswagen Amarok, S6/S7), (Volkswagen Golf3, 1H), (Volkswagen Crafter, SY), (Volkswagen Crafter, SZ), (Volkswagen Golf7, AN), (Volkswagen Polo, 9N), (Volkswagen Polo, 6R), (Volkswagen Phaeton, 3D), (Volkswagen New Beetle, 1Y), (Volkswagen Touareg, 7L), (Volkswagen Transporter, 7H), (Volkswagen Golf5, 1K), (Volkswagen Polo, 6C), (Volkswagen Transporter, 7J), (Volkswagen Jetta, 1K), (Volkswagen Golf5, 5M), (Volkswagen Passat, 3C), (Volkswagen Eos, 1F), (Volkswagen Jetta, 1H), (Volkswagen Jetta, 9M), (Volkswagen Jetta, 1J), (Volkswagen Polo, 6K/6V), (Volkswagen Scirocco, 13), (Volkswagen Golf6, 52), (Volkswagen New Beetle, 5C), (Volkswagen New Beetle, 9C), (Volkswagen New Beetle, 1C), (Volkswagen Lupo, 6X), (Volkswagen Transporter, SG), (Volkswagen Golf7, BQ), (Volkswagen Arteon, 3H), (Volkswagen Polo, AW), (Volkswagen Tiguan, BW), (Volkswagen CC, 3C), (Volkswagen T-Roc, A1), (Volkswagen Touareg, CR), (Volkswagen T-Cross, C1), (Volkswagen Passat, CB), (Volkswagen Transporter, SH), (Volkswagen Transporter, SJ), (Volkswagen Golf8, CD), (Volkswagen T-Roc, AC), (Volkswagen ID.3, E1), (Volkswagen ID.4, E2), (Volkswagen Tiguan, AX), (Volkswagen Caddy, SB), (Volkswagen Transporter, ST), (Volkswagen Polo, AE), (Volkswagen Tiguan, BJ), (Volkswagen Taigo, CS), (Volkswagen T-Roc, D1), (Volkswagen ID.7, ED), (Volkswagen Golf8, DA), (Volkswagen Golf8, DB), (Volkswagen Bora,), (Volkswagen Crafter, SX), (Volkswagen Crafter, SC), (Volkswagen Golf8, CG), (Volkswagen ID.5, E3), (Volkswagen ID.Buzz, EB), (Volkswagen Crafter, SYMWE), (Volkswagen Passat, CJ), (Volkswagen Tiguan, CT), (Volkswagen Touareg, RC)

Parameters

(Volkswagen Amarok, 2H), (Volkswagen Caddy, 2C), (Volkswagen Golf6, AJ), (Volkswagen Passat, 36), (Volkswagen Caddy, 2K), (Volkswagen Crafter, 2F), (Volkswagen Crafter, 2E), (Volkswagen Touareg, 7P), (Volkswagen Tiguan, 5N), (Volkswagen Sharan, 7N), (Volkswagen Jetta, 16), (Volkswagen Golf6, 51),

(Volkswagen Touran, 1T), (Volkswagen up!, 12),
 (Volkswagen CC, 35), (Volkswagen Transporter, 7E),
 (Volkswagen Golf6, 5K), (Volkswagen Golf7, 5G),
 (Volkswagen Bora, 1J), (Volkswagen Transporter, 7F),
 (Volkswagen Golf7, BA), (Volkswagen Golf7, BV),
 (Volkswagen Golf7, AM), (Volkswagen Golf7, BE),
 (Volkswagen up!, BL), (Volkswagen Passat, 3G),
 (Volkswagen Caddy, SA), (Volkswagen Touran, 5T),
 (Volkswagen Sharan, 7M), (Volkswagen Passat, 3B),
 (Volkswagen Golf4, 1J), (Volkswagen New Beetle, 1C/9C),
 (Volkswagen Tiguan, AD), (Volkswagen Transporter, SF),
 (Volkswagen Amarok, S6/S7), (Volkswagen Golf3, 1H),
 (Volkswagen Crafter, SY), (Volkswagen Crafter, SZ),
 (Volkswagen Golf7, AN), (Volkswagen Polo, 9N),
 (Volkswagen Polo, 6R), (Volkswagen Phaeton, 3D),
 (Volkswagen New Beetle, 1Y), (Volkswagen Touareg, 7L),
 (Volkswagen Transporter, 7H), (Volkswagen Golf5, 1K),
 (Volkswagen Polo, 6C), (Volkswagen Transporter, 7J),
 (Volkswagen Jetta, 1K), (Volkswagen Golf5, 5M),
 (Volkswagen Passat, 3C), (Volkswagen Eos, 1F),
 (Volkswagen Jetta, 1H), (Volkswagen Jetta, 9M),
 (Volkswagen Jetta, 1J), (Volkswagen Polo, 6K/6V),
 (Volkswagen Scirocco, 13), (Volkswagen Golf6, 52),
 (Volkswagen New Beetle, 5C), (Volkswagen New Beetle,
 9C), (Volkswagen New Beetle, 1C), (Volkswagen Lupo, 6X),
 (Volkswagen Transporter, SG), (Volkswagen Golf7, BQ),
 (Volkswagen Arteon, 3H), (Volkswagen Polo, AW),
 (Volkswagen Tiguan, BW), (Volkswagen CC, 3C),
 (Volkswagen T-Roc, A1), (Volkswagen Touareg, CR),
 (Volkswagen T-Cross, C1), (Volkswagen Passat, CB),
 (Volkswagen Transporter, SH), (Volkswagen Transporter,
 SJ), (Volkswagen Golf8, CD), (Volkswagen T-Roc, AC),
 (Volkswagen ID.3, E1), (Volkswagen ID.4, E2), (Volkswagen
 Tiguan, AX), (Volkswagen Caddy, SB), (Volkswagen
 Transporter, ST), (Volkswagen Polo, AE), (Volkswagen
 Tiguan, BJ), (Volkswagen Taigo, CS), (Volkswagen T-Roc,
 D1), (Volkswagen ID.7, ED), (Volkswagen Golf8, DA),
 (Volkswagen Golf8, DB), (Volkswagen Bora,), (Volkswagen
 Crafter, SX), (Volkswagen Crafter, SC), (Volkswagen Golf8,
 CG), (Volkswagen ID.5, E3), (Volkswagen ID.Buzz, EB),
 (Volkswagen Crafter, SYMWE), (Volkswagen Passat, CJ),
 (Volkswagen Tiguan, CT), (Volkswagen Touareg, RC)

Actuators

(Volkswagen Amarok, 2H), (Volkswagen Caddy, 2C),
 (Volkswagen Golf6, AJ), (Volkswagen Passat, 36),
 (Volkswagen Caddy, 2K), (Volkswagen Touareg, 7P),
 (Volkswagen Tiguan, 5N), (Volkswagen Sharan, 7N),
 (Volkswagen Jetta, 16), (Volkswagen Golf6, 51),
 (Volkswagen Touran, 1T), (Volkswagen up!, 12),
 (Volkswagen CC, 35), (Volkswagen Transporter, 7E),
 (Volkswagen Golf6, 5K), (Volkswagen Golf7, 5G),
 (Volkswagen Bora, 1J), (Volkswagen Transporter, 7F),
 (Volkswagen Golf7, BA), (Volkswagen Golf7, BV),
 (Volkswagen Golf7, AM), (Volkswagen Golf7, BE),
 (Volkswagen up!, BL), (Volkswagen Passat, 3G),
 (Volkswagen Caddy, SA), (Volkswagen Touran, 5T),
 (Volkswagen Sharan, 7M), (Volkswagen Passat, 3B),
 (Volkswagen Golf4, 1J), (Volkswagen New Beetle, 1C/9C),

(Volkswagen Tiguan, AD), (Volkswagen Transporter, SF), (Volkswagen Amarok, S6/S7), (Volkswagen Golf3, 1H), (Volkswagen Crafter, SY), (Volkswagen Crafter, SZ), (Volkswagen Golf7, AN), (Volkswagen Polo, 9N), (Volkswagen Polo, 6R), (Volkswagen Phaeton, 3D), (Volkswagen New Beetle, 1Y), (Volkswagen Touareg, 7L), (Volkswagen Transporter, 7H), (Volkswagen Golf5, 1K), (Volkswagen Polo, 6C), (Volkswagen Transporter, 7J), (Volkswagen Jetta, 1K), (Volkswagen Golf5, 5M), (Volkswagen Passat, 3C), (Volkswagen Eos, 1F), (Volkswagen Jetta, 1H), (Volkswagen Jetta, 9M), (Volkswagen Jetta, 1J), (Volkswagen Polo, 6K/6V), (Volkswagen Scirocco, 13), (Volkswagen Golf6, 52), (Volkswagen New Beetle, 5C), (Volkswagen New Beetle, 9C), (Volkswagen New Beetle, 1C), (Volkswagen Lupo, 6X), (Volkswagen Transporter, SG), (Volkswagen Golf7, BQ), (Volkswagen Arteon, 3H), (Volkswagen Polo, AW), (Volkswagen Tiguan, BW), (Volkswagen CC, 3C), (Volkswagen T-Roc, A1), (Volkswagen Touareg, CR), (Volkswagen T-Cross, C1), (Volkswagen Passat, CB), (Volkswagen Transporter, SH), (Volkswagen Transporter, SJ), (Volkswagen Golf8, CD), (Volkswagen T-Roc, AC), (Volkswagen ID.3, E1), (Volkswagen ID.4, E2), (Volkswagen Tiguan, AX), (Volkswagen Caddy, SB), (Volkswagen Transporter, ST), (Volkswagen Polo, AE), (Volkswagen Tiguan, BJ), (Volkswagen Taigo, CS), (Volkswagen T-Roc, D1), (Volkswagen ID.7, ED), (Volkswagen Golf8, DA), (Volkswagen Golf8, DB), (Volkswagen Bora,), (Volkswagen Crafter, SX), (Volkswagen Crafter, SC), (Volkswagen Golf8, CG), (Volkswagen ID.5, E3), (Volkswagen ID.Buzz, EB), (Volkswagen Crafter, SYMWE), (Volkswagen Passat, CJ), (Volkswagen Tiguan, CT), (Volkswagen Touareg, RC)

Codings

(Volkswagen Caddy, SA):

De/activating the trailer hitch, Expert mode ECU coding, General ECU replacement, Adapting the trailer hitch to advanced driver assistance systems, Registering the battery, Adjust parking assistance volume, Coding the radio remote control, Coding the trailer detection, Coding injectors, Adapting the power steering after replacement, Coding the steering-column module, Coding the fuel burning heater, Coding the language version of instrument cluster, Deactivating/activating the transport mode, Coding the gateway installation list

(Volkswagen Caddy, SB), (Volkswagen Golf8, CD):

Coding the power operated tailgate module, De/activating the trailer hitch, Registering the battery, Adjust parking assistance volume, Coding the trailer detection, Coding injectors, Coding the rain/light sensor, Deactivating/activating the transport mode

(Volkswagen Crafter, SYMWE):

De/activating the trailer hitch, Expert mode ECU coding, General ECU replacement, Adapting the trailer hitch to advanced driver assistance systems, Registering the battery, Adjust parking assistance volume, Coding the trailer

detection, Coding injectors, Coding the rain/light sensor, Coding the language version, Deactivating/activating the transport mode, Coding the gateway installation list

(Volkswagen Golf4, 1J):

Coding the ABS ECU (1. generation), Coding the ABS ECU (2. generation), Coding the radio remote control, Activating cruise control, Deactivating cruise control, Coding the transmission ECU, Coding the ACC, Code light control, Coding the engine ECU, Coding the radio, Coding the keys, Coding the language version of instrument cluster, Variable service interval coding, Adapting immobiliser to engine ECU

(Volkswagen Golf8, DA), (Volkswagen Passat, CJ), (Volkswagen Tiguan, CT):

Registering the battery, Coding injectors, Deactivating/activating the transport mode

(Volkswagen Golf8, DB):

Registering the battery, Deactivating/activating the transport mode

(Volkswagen ID.3, E1), (Volkswagen ID.4, E2), (Volkswagen ID.5, E3), (Volkswagen ID.7, ED):

Deactivating/activating the transport mode

(Volkswagen Jetta, 16):

De/activating the trailer hitch, Expert mode ECU coding, General ECU replacement, Deactivating the alternating park position of wipers, Registering the battery, Adjust parking assistance volume, Coding the radio remote control, De-/activating the cruise control, Coding the trailer detection, Adapting the power steering after replacement, Replacing the headlight/power module, Coding the steering-column module, Coding the rain/light sensor, Coding the fuel burning heater, Coding the language version of instrument cluster, Deactivating/activating the transport mode, Variable service interval coding, Coding the gateway installation list

(Volkswagen Passat, CB):

Coding the power operated tailgate module, De/activating the trailer hitch, Expert mode ECU coding, General ECU replacement, Adapting the trailer hitch to advanced driver assistance systems, Registering the battery, Coding the parking assist, Adjust parking assistance volume, Coding the radio remote control, Coding the trailer detection, Coding injectors, Coding the steering-column module, Coding the rain/light sensor, Coding the language version, Deactivating/activating the transport mode, Coding the gateway installation list

(Volkswagen Polo, 6R):

De/activating the trailer hitch, Expert mode ECU coding, General ECU replacement, Registering the battery, Coding the parking assist, Adjust parking assistance volume, Coding the radio remote control, De-/activating the cruise control, Coding the trailer detection, Coding the power steering, Coding the rain/light sensor, Coding the language version of instrument cluster, Deactivating/activating the transport mode, Coding the body control module, Variable service interval coding, Coding the gateway installation list

(Volkswagen Polo, 9N):

Coding the ABS ECU, Coding the ABS ECU (Bosch), Coding the radio remote control, Activating cruise control, Deactivating cruise control, Coding the transmission ECU, Coding the instrument cluster, Coding the ACC, Coding the power steering, Coding the engine ECU, Coding the radio, Variable service interval coding, Coding the central comfort module

(Volkswagen Polo, AE):

De/activating the trailer hitch, Expert mode ECU coding, General ECU replacement, Adapting the trailer hitch to advanced driver assistance systems, Registering the battery, Coding the parking assist, Adjust parking assistance volume, Synchronisation of the remote control, Coding the trailer detection, Coding the rain/light sensor, Coding the language version, Deactivating/activating the transport mode, Coding the gateway installation list

(Volkswagen Touareg, RC):

Coding the power operated tailgate module, De/activating the trailer hitch, Expert mode ECU coding, General ECU replacement, Adapting the trailer hitch to advanced driver assistance systems, Registering the battery, Coding the trailer detection, Coding injectors, Coding the rain/light sensor, Deactivating/activating the transport mode

(Volkswagen Transporter, 7H):

Coding the ABS ECU, Coding the trailer hitch, De/activating the trailer hitch, Expert mode ECU coding, General ECU replacement, Adapting the trailer hitch to advanced driver assistance systems, Registering the battery, Coding the parking assist, Adjust parking assistance volume, Coding the remote control, Coding the radio remote control, De-/activating the cruise control, Coding the trailer detection, Coding the instrument cluster, Coding the ACC, Coding the steering-column module, Coding the radio, Coding the rear camera system, Coding the rain/light sensor, Coding the fuel burning heater, Coding the language version of instrument cluster, Deactivating/activating the transport mode, Coding the body control module, Variable service interval coding, Coding the central comfort module, Coding the gateway installation list

(Volkswagen Transporter, 7J):

Coding the ABS ECU, Coding the trailer hitch, Coding the radio remote control, De-/activating the cruise control, Coding the instrument cluster, Coding the ACC, Coding the steering-column module, Coding the engine ECU, Coding the radio, Coding the rain/light sensor, Coding the body control module, Variable service interval coding, Coding the central comfort module

(Volkswagen Amarok, 2H), (Volkswagen Amarok, S6/S7):
Performing transmission adaptations

| Basic settings

(Volkswagen Arteon, 3H), (Volkswagen Crafter, SY),
 (Volkswagen Crafter, SZ), (Volkswagen T-Roc, A1),
 (Volkswagen T-Roc, D1), (Volkswagen Tiguan, AX),
 (Volkswagen Tiguan, BJ), (Volkswagen Tiguan, BW),
 (Volkswagen Touran, 5T), (Volkswagen Transporter, ST):
 CSM release, Deactivate/activate diagnostic filter,
 Performing engine adaptations

(Volkswagen Caddy, SA):

Regenerating the soot particulate filter, Initialize minimum quantity deviation of the injectors, Initializing the 4WD clutch oil pump, Activating the central locking system, CSM release, Deactivate/activate diagnostic filter, Initializing the EGR valve, Initializing the brake-pressure sensor, Bleeding the fuel system, Adapting the soot particulate filter, Initializing the throttle valve, Initializing the adaptive cruise control, Initializing the ESC sensors, Adapting the fuel burning heater remote control, Adapting the exhaust gas pressure sensor, Bringing gear actuator of direct shift transmission in neutral position, Initializing the transmission ECU, Resetting fuel system adaptation values, Initializing the A/C flap actuators, Adjusting the headlights, Initializing the steering-angle sensor, Resetting oxygen sensor adaptation values, Special bleeding, Learning the turbocharger, Performing the initial run-in of the air conditioning compressor, Calibrating the camera ECU, Burning off aux. heater/independent car heater, Unlocking aux. heater/independent car heater

(Volkswagen Caddy, SB):

Initializing the oxidation catalyst, Filling fuel lines of parking heater/auxiliary heater, Changing the drive type, Performing basic settings of emergency call system/telematics system, Performing service work on gas system, CSM release, Deactivate/activate diagnostic filter, Initializing the steering-angle sensor, Initializing the brake-pressure sensor, Bleeding the fuel system, Adapting the soot particulate filter, Initializing the throttle valve, Initializing the adaptive cruise control, Initializing the ESC sensors, Adapting the fuel burning heater remote control, Performing transmission adaptations, Resetting the diesel exhaust fluid level, Reducing fuel high pressure, Adapting the radiator shutter, Performing engine adaptations, Bleeding the cooling system, Initializing the A/C flap actuators, Adjusting the headlights, Resetting the start inhibitor of DEF injection system, Initializing the neutral position sensor, Regenerating the soot particulate filter, Resetting learned values of injectors, Activating the roller test stand mode, Special bleeding, Performing the initial run-in of the air conditioning compressor, Parking brake maintenance work, Calibrating the camera ECU, Burning off aux. heater/independent car heater, Activating the retrofitted parking heater, Unlocking aux. heater/independent car heater

(Volkswagen Crafter, SC), (Volkswagen Crafter, SX),
 (Volkswagen ID.Buzz, EB), (Volkswagen Passat, 3G),
 (Volkswagen Polo, 6C), (Volkswagen T-Cross, C1),
 (Volkswagen T-Roc, AC), (Volkswagen Taigo, CS),
 (Volkswagen Tiguan, 5N), (Volkswagen Touareg, CR):

CSM release, Deactivate/activate diagnostic filter

(Volkswagen Crafter, SYMWE):

Regenerating the soot particulate filter, Adapting oil pressure for engine run-in, Initializing the air distribution flap actuator, Initializing the oxidation catalyst, Initializing the 4WD clutch oil pump, Resetting the warning message of DEF injection system, CSM release, Deactivate/activate diagnostic filter, Initializing the steering-angle sensor, Bleeding the fuel system, Resetting the impact mode, Adapting the soot particulate filter, Initializing the ESC sensors, Adapting the fuel burning heater remote control, Performing engine adaptations, Initializing the adaptive cruise control, Initializing the A/C flap actuators, Resetting engine adaptation values, Initializing the neutral position sensor, Performing the initial run-in of the air conditioning compressor, Calibrating the camera ECU, Adapting the DEF injection system, Burning off aux. heater/independent car heater, Unlocking aux. heater/independent car heater

(Volkswagen Golf4, 1J):

Initializing the EGR valve, Initializing the throttle valve, Resetting gearbox learning values, Adapting the electronic climate control, Adjusting the xenon headlight, Initializing the steering-angle sensor, Resetting engine adaptation values, Test of lambda status probe 1 + 2, Check lambda ageing bank 1 before catalyst, Testing lambda-conversion bank 1, EGR test, Initializing the lateral acceleration sensor, Special bleeding (MK60), Brake-pressure sensor (MK60), Zero reset of longitudinal acceleration sensor (MK60), Brake-pressure sensor (MK20), Zero reset of longitudinal acceleration sensor (MK20)

(Volkswagen Golf8, CD):

Initializing the oxidation catalyst, De-energizing the 48 V system, Putting the 48 V system back into operation, Filling fuel lines of parking heater/auxiliary heater, Initializing electric seats, Checking and resetting wear values of AWD clutch fluid, Performing basic settings of emergency call system/telematics system, CSM release, Deactivate/activate diagnostic filter, Initializing the steering-angle sensor, Initializing the brake-pressure sensor, Bleeding the fuel system, Resetting the impact mode, Adapting the soot particulate filter, Initializing the throttle valve, Initializing the adaptive cruise control, Initializing the ESC sensors, Adapting the fuel burning heater remote control, Performing transmission adaptations, Resetting the diesel exhaust fluid level, Reducing fuel high pressure, Standardizing the liftgate, Adapting the radiator shutter, Performing engine adaptations, Bleeding the cooling system, Initializing the A/C flap actuators, Adjusting the headlights, Resetting the start inhibitor of DEF injection system, Initializing the tilt/slide sunroof, Initializing the neutral position sensor, Regenerating the soot particulate filter, Resetting learned values of injectors, Activating the roller test stand mode, Special bleeding, Performing the initial run-in of the air conditioning compressor, Adapting the electronic damper control, Parking brake maintenance work, Calibrating the

camera ECU, Burning off aux. heater/independent car heater, Activating the retrofitted parking heater, Unlocking aux. heater/independent car heater

(Volkswagen Golf8, CG), (Volkswagen Transporter, SH), (Volkswagen Transporter, SJ):
Performing engine adaptations

(Volkswagen Golf8, DA):
Initializing the oxidation catalyst, De-energizing the 48 V system, Putting the 48 V system back into operation, CSM release, Deactivate/activate diagnostic filter, Bleeding the fuel system, Adapting the soot particulate filter, Initializing the adaptive cruise control, Resetting the diesel exhaust fluid level, Performing engine adaptations, Bleeding the cooling system, Adjusting the headlights, Resetting the start inhibitor of DEF injection system, Regenerating the soot particulate filter, Activating the roller test stand mode, Parking brake maintenance work, Calibrating the camera ECU

(Volkswagen Golf8, DB):
De-energizing the 48 V system, Putting the 48 V system back into operation, CSM release, Deactivate/activate diagnostic filter, Initializing the adaptive cruise control, Adjusting the headlights, Activating the roller test stand mode, Parking brake maintenance work, Calibrating the camera ECU

(Volkswagen ID.3, E1), (Volkswagen ID.4, E2), (Volkswagen ID.5, E3), (Volkswagen ID.7, ED):
CSM release, Deactivate/activate diagnostic filter, Initializing the brake-pressure sensor, Initializing the ESC sensors, Initializing the adaptive cruise control, Parking brake maintenance work, Calibrating the camera ECU

(Volkswagen Jetta, 16):
Adapting oil pressure for engine run-in, CSM release, Deactivate/activate diagnostic filter, Resetting gen. ECU learning values, Initializing the brake-pressure sensor, Initializing the throttle valve, Adapting the fuel burning heater remote control, Bringing gear actuator of direct shift transmission in neutral position, Initializing the transmission ECU, Reducing fuel high pressure, Adapting the electronic climate control, Adjusting the xenon headlight, Initializing the steering-angle sensor, Resetting engine adaptation values, Initializing the tilt/slide sunroof, Initializing the neutral position sensor, Initializing the lateral acceleration sensor, Initialising the boost pressure regulator, Activating the roller test stand mode, Performing the initial run-in of the air conditioning compressor, Burning off aux. heater/independent car heater, Unlocking aux. heater/independent car heater

(Volkswagen Passat, CB):
Initializing the seat belt tensioner ECU, Initializing the oxidation catalyst, Initializing the 4WD clutch oil pump, Filling fuel lines of parking heater/auxiliary heater, Initializing electric seats, Performing basic settings of emergency call system/telematics system, CSM release, Deactivate/activate diagnostic filter, Initializing the brake-

pressure sensor, Initializing the steering-angle sensor, Bleeding the fuel system, Resetting the impact mode, Adapting the soot particulate filter, Initializing the ESC sensors, Adapting the fuel burning heater remote control, Performing transmission adaptations, Resetting the diesel exhaust fluid level, Standardizing the liftgate, Performing engine adaptations, Initializing the adaptive cruise control, Bleeding the cooling system, Initializing the A/C flap actuators, Adjusting the headlights, Resetting the start inhibitor of DEF injection system, Initializing the tilt/slide sunroof, Regenerating the soot particulate filter, Special bleeding, Initializing the clutch pedal position, Performing the initial run-in of the air conditioning compressor, Adapting the electronic damper control, Configuring the lane change assist, Parking brake maintenance work, Calibrating the camera ECU, Burning off aux. heater/independent car heater, Activating the retrofitted parking heater, Unlocking aux. heater/independent car heater, Initializing the alternator

(Volkswagen Passat, CJ), (Volkswagen Tiguan, CT):
Initializing the oxidation catalyst, De-energizing the 48 V system, Putting the 48 V system back into operation, CSM release, Deactivate/activate diagnostic filter, Bleeding the fuel system, Adapting the soot particulate filter, Initializing the adaptive cruise control, Resetting the diesel exhaust fluid level, Performing engine adaptations, Bleeding the cooling system, Adjusting the headlights, Resetting the start inhibitor of DEF injection system, Regenerating the soot particulate filter, Calibrating the camera ECU

(Volkswagen Polo, 6R):
Activating the central locking system, Resetting gen. ECU learning values, Calibrating the tire pressure monitoring system, Initializing the brake-pressure sensor, Initializing the throttle valve, Initializing the ESC sensors, Bringing gear actuator of direct shift transmission in neutral position, Initializing the transmission ECU, Adapting the electronic climate control, Adjusting the xenon headlight, Initializing the steering-angle sensor, Initializing the lateral acceleration sensor, Special bleeding

(Volkswagen Polo, 9N):
Regenerating the soot particulate filter, Initializing the brake-pressure sensor, Initializing the steering-angle sensor, Adapting the soot particulate filter, Adapting the exhaust gas pressure sensor, Adapting the electronic climate control, Initializing the longitudinal acceleration sensor, Boost-pressure control test, EGR test, Initializing the lateral acceleration sensor, Special bleeding

(Volkswagen Polo, AE):
Adapting oil pressure for engine run-in, Initializing the seat belt tensioner ECU, Filling fuel lines of parking heater/ auxiliary heater, Initializing electric seats, Performing basic settings of emergency call system/telematics system, CSM release, Deactivate/activate diagnostic filter, Initializing the steering-angle sensor, Resetting the impact mode, Initializing the throttle valve, Initializing the ESC sensors, Adapting the fuel burning heater remote control, Performing transmission adaptations, Initializing the adaptive cruise

control, Initializing the A/C flap actuators, Adjusting the headlights, Resetting engine adaptation values, Initializing the tilt/slide sunroof, Initializing the neutral position sensor, Initialising the boost pressure regulator, Special bleeding, Performing the initial run-in of the air conditioning compressor, Adapting the electronic damper control, Calibrating the camera ECU, Burning off aux. heater/independent car heater, Unlocking aux. heater/independent car heater, Initializing the alternator

(Volkswagen Touareg, RC):

Initializing the fuel quantity adjuster, Resetting the refrigerant loss counter, Regenerating the soot particulate filter, Unlocking/locking the self-steering rear axle, Adapting oil pressure for engine run-in, Initializing the seat belt tensioner ECU, Locking/unlocking the ride height leveling, Calibrating the front edge radar, De-energizing the 48 V system, Putting the 48 V system back into operation, Initializing electric seats, CSM release, Deactivate/activate diagnostic filter, Learning the turbocharger, Initializing the steering-angle sensor, Bleeding the fuel system, Resetting the impact mode, Initializing the throttle valve, Adapting the fuel burning heater remote control, Filling/bleeding the pneumatic suspension system, Adapting the exhaust gas pressure sensor, Performing transmission adaptations, Reducing fuel high pressure, Standardizing the liftgate, Adapting the radiator shutter, Initializing the adaptive cruise control, Bleeding the cooling system, Adapting the electronic climate control, Adjusting the headlights, Resetting engine adaptation values, Resetting the start inhibitor of DEF injection system, Adapting the normal position of ride-height levelling, Initializing the tilt/slide sunroof, Reset exhaust-gas aftertreatment filter learning values, Initializing the exhaust gas flap, Initializing the high-pressure fuel pump, Special bleeding, Performing the initial run-in of the air conditioning compressor, Configuring the lane change assist, Parking brake maintenance work, Calibrating the camera ECU, Adapting the DEF injection system, Burning off aux. heater/independent car heater, Unlocking aux. heater/independent car heater

(Volkswagen Transporter, 7H):

Regenerating the soot particulate filter, Activating the central locking system, Resetting gen. ECU learning values, Initializing the EGR valve, Calibrating the tire pressure monitoring system, Initializing the brake-pressure sensor, Initializing the steering-angle sensor, Bleeding the fuel system, Adapting the soot particulate filter, Initializing the throttle valve, Adapting the fuel burning heater remote control, Adapting the exhaust gas pressure sensor, Initializing the transmission ECU, Service position of air conditioning actuators, Adapting the electronic climate control, Adapt the intake manifold flap, Adjusting the xenon headlight, Initializing the longitudinal acceleration sensor, Initializing the steering-angle sensor, Initializing the lateral acceleration sensor, Activating the roller test stand mode, Initializing the sliding door, Special bleeding, Performing the initial run-in of the air conditioning compressor, Configuring

	<p>the lane change assist, Calibrating the camera ECU, Burning off aux. heater/independent car heater, Unlocking aux. heater/independent car heater</p> <p>(Volkswagen Transporter, 7J): Activating the central locking system, Initializing the brake-pressure sensor, Adapting the fuel burning heater remote control, Initializing the transmission ECU, Service position of air conditioning actuators, Adapting the electronic climate control, Initializing the longitudinal acceleration sensor, Initializing the steering-angle sensor, Initializing the lateral acceleration sensor, Special bleeding, Burning off aux. heater/independent car heater, Unlocking aux. heater/independent car heater</p>
<p> Service resets</p>	<p>(Volkswagen Polo, AE), (Volkswagen ID.7, ED), (Volkswagen ID.3, E1), (Volkswagen ID.4, E2), (Volkswagen Caddy, SB), (Volkswagen Golf8, DA), (Volkswagen Golf8, DB), (Volkswagen Transporter, 7J), (Volkswagen ID.5, E3), (Volkswagen Caddy, SA), (Volkswagen Golf4, 1J), (Volkswagen Golf8, CD), (Volkswagen Crafter, SYMWE), (Volkswagen Jetta, 16), (Volkswagen Transporter, 7H), (Volkswagen Passat, CB), (Volkswagen Passat, CJ), (Volkswagen Polo, 9N), (Volkswagen Polo, 6R), (Volkswagen Tiguan, CT), (Volkswagen Touareg, RC)</p>
<p> Test function</p>	<p>(Volkswagen Caddy, SB), (Volkswagen Golf8, DA), (Volkswagen Golf8, CD), (Volkswagen Crafter, SYMWE), (Volkswagen Passat, CB), (Volkswagen Passat, CJ), (Volkswagen Tiguan, CT)</p>
<p> Secured by Cyber Security Management (CSM) system Capable for diagnostics only with Cyber Security Management</p>	<p>(Volkswagen Touareg, CR), (Volkswagen Golf8, CD), (Volkswagen ID.3, E1), (Volkswagen ID.4, E2), (Volkswagen Caddy, SB), (Volkswagen Transporter, ST), (Volkswagen ID.7, ED), (Volkswagen T-Roc, A1), (Volkswagen Golf8, DA), (Volkswagen Golf8, DB), (Volkswagen Golf8, CG), (Volkswagen ID.5, E3), (Volkswagen ID.Buzz, EB), (Volkswagen T-Cross, C1), (Volkswagen Passat, CJ), (Volkswagen Tiguan, CT), (Volkswagen Touareg, RC)</p>
<p>Volvo</p>	
<p> Trouble codes</p>	<p>(Volvo XC40, XZ)</p>
<p> Parameters</p>	<p>(Volvo XC40, XZ)</p>
<p> Actuators</p>	<p>(Volvo XC40, XZ)</p>
<p> Basic settings</p>	<p>(Volvo XC40, XZ): Resetting the air-fuel ratio adaptation values, Calibrating the compass in the interior rear-view mirror, Initializing the air distribution flap actuator, Resetting neutral position sensor adaptation values, Resetting learned values of side obstacle detection, Initializing ride height sensors, Resetting learned values of the battery monitoring ECU, Initializing the</p>

	steering-angle sensor, Resetting gearbox learning values, De/activating the parking brake service mode, Learning the brake pedal position, Changing automatic transmission fluid, Resetting brake system adaptation values, Identifying new A/C components, Initializing the A/C flap actuators, Calibrating the radar sensor, Calibrating the camera and radar system, Resetting the tire pressure monitoring, Initializing the sunroof actuator, Resetting adaptation values of electromechanical power steering, Bleeding the transfer case oil pump, Initialize acceleration sensor, Resetting rear-axle differential adaptation values, Resetting learned values of ABS hydraulic unit, De/activating the parking brake service mode, Calibrating the rearview camera/all-round vision camera, Calibrating the camera ECU
Service resets	(Volvo XC40, XZ)
Test function	(Volvo XC40, XZ)
Secured by Cyber Security Management (CSM) system Capable for diagnostics only with Cyber Security Management	(Volvo XC40, XZ)