

# HGS Software Update V72 EN

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# Additions And Modifications In Software Version 72

## Things To Know – An Overview

In update 72, 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.

### General software corrections

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#### | mega macs X

- The forced update at initial start-up can be skipped (precondition: Software version 72 is already installed at delivery).

#### | SDI

- Now the workshop network connection is indicated correctly in the status bar.
- Now the kilometer/mileage reading in the Car History can be saved depending on the function.
- Correction at printout of parameters in different systems.
- Missing menu items in the diagnostic menu of Tesla are indicated again.
- Sporadically faulty parameter views are correctly indicated again.
- Service schedules of BMW are correctly displayed again.
- Sporadic white screen during diagnostic functions has been removed.
- Troubleshooting and performance increase in the Measurements menu.
- available Wi-Fi networks are correctly displayed again. Actualization function has been revised.
- Customized note with more information about the update procedure.
- Sporadic fault during hard-copy printout of service schedules has been removed.

#### | mega macs 77

- Switch-off via menu bar is possible again.

#### | mega macs ONE

- Time stamp for Car History entries is correctly displayed again.
- Termination of Bluetooth connection after forced restart has been corrected.

#### | mega macs 42 SE

- Update behavior in connection with USB cables has been optimized.

#### | mega macs PC

- Sporadic Bluetooth connection terminations to the VCI in combination with Windows 11 has been repaired.

## | Vehicle diagnostics

- Malfunctions on vehicles of Jaguar and Land Rover in the field of DoIP vehicle communication has been repaired.
- VW T6 2L TDI: Abortion during additive quantity check has been removed.
- Mercedes A-Class BM177 Facelift model year 2023: New CSM activation implemented to enable the front camera calibration.
- Volvo XC40 BE: Troubleshooting during front camera calibration.
- Sporadic abortion while reading parameters on Citroen vehicles has been removed.

## 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

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#### Audi

##### | Trouble codes

(Audi A1, 8X), (Audi A3, 8P), (Audi A3, 8V), (Audi A4, 8K), (Audi A4, 8W), (Audi Q2, GA), (Audi Q8 e-tron, GE)

##### | Parameters

(Audi A1, 8X), (Audi A3, 8P), (Audi A3, 8V), (Audi A4, 8K), (Audi A4, 8W), (Audi Q2, GA), (Audi Q8 e-tron, GE)

##### | Actuators

(Audi A1, 8X), (Audi A3, 8P), (Audi A3, 8V), (Audi A4, 8K), (Audi A4, 8W), (Audi Q2, GA), (Audi Q8 e-tron, GE)

##### | Codings

(Audi A1, 8X):  
Coding the trailer hitch, Expert mode ECU coding, General ECU replacement, Registering the battery, Coding the parking assist, Adjust parking assistance volume, De-/activating the cruise control, Coding the trailer detection, Coding the power steering, Coding the steering-column module, EJECT button un/locking, Coding the rain/light sensor, Coding the language version, Deactivating/activating the transport mode, Coding the gateway installation list

(Audi A3, 8P):  
Coding the ABS ECU, Replacing the airbag ECU, De/activating the trailer hitch, Expert mode ECU coding, General ECU replacement, Deactivating/activating the alternating park position, Registering the battery, Coding the parking assist, Adjust parking assistance volume, Synchronisation of the remote control, Coding the radio remote control, Coding the transmission ECU, De-/activating the cruise control, Coding the trailer detection, Coding the ACC, Adapting the power steering after replacement, Coding the headlight leveling system, Coding the steering-column module, Coding the engine ECU, Coding the radio, EJECT button un/locking, Coding the rain/light sensor, Coding the fuel burning heater, Coding the language version of instrument cluster, Coding the door ECU FL, Coding the door ECU FR, Coding the door ECU RL, Coding the door ECU RR, Variable service interval coding, Coding the gateway installation list

(Audi A3, 8V):  
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, De-/activating the cruise control, Coding the trailer detection, Replacing the headlight/power module, Coding the steering-column

## | Basic settings

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

(Audi A4, 8K):

De/activating the trailer hitch, Expert mode ECU coding, General ECU replacement, Deactivating/activating the alternating park position, Registering the battery, Coding the parking assist, Adjust parking assistance volume, De-/activating the cruise control, Coding the trailer detection, Coding injectors, Coding the headlight leveling system, Coding the steering-column module, EJECT button un/locking, Coding the rear camera system, Coding the rain/light sensor, Coding the fuel burning heater, Coding the lane change assist, Deactivating/activating the transport mode, Coding the gateway installation list

(Audi A4, 8W):

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 injectors, Coding the rain/light sensor, Deactivating/activating the transport mode

(Audi A5, F5), (Audi S4, 8W), (Audi S5, F5):

Registering the battery

(Audi Q2, GA):

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 injectors, Coding the steering-column module, Coding the rain/light sensor, Coding the language version of instrument cluster, Deactivating/activating the transport mode, Coding the gateway installation list

(Audi Q8 e-tron, GE):

Coding the power operated tailgate module, Coding the trailer detection, Coding the rain/light sensor, Deactivating/activating the transport mode

(Audi 100, 4A), (Audi A5, F5), (Audi e-tron, GE), (Audi e-tron GT, F8), (Audi Q5, FY), (Audi RS4, 8W), (Audi RS5, F5), (Audi RS6, 4A), (Audi RS7, 4K), (Audi S4, 4A), (Audi S4, 8W), (Audi S5, F5), (Audi S8, 4N):

Initializing the seat belt tensioner ECU

(Audi A1, 8X):

Adapting oil pressure for engine run-in, Resetting gen. ECU learning values, Initializing the brake-pressure sensor, Learning the steering-angle sensor, Learning the throttle valve, Initializing the ESC sensors, Bringing gear actuator of direct shift transmission in neutral position, Initializing the transmission ECU, Reducing fuel high pressure, Initializing the A/C flap actuators, Adjusting the xenon headlight,

Resetting engine adaptation values, Initializing the tilt/slide sunroof, Initializing the neutral position sensor, Initializing the lateral acceleration sensor, Initialising the boost pressure regulator, Special bleeding, Performing the initial run-in of the air conditioning compressor

(Audi A3, 8P):

Resetting gen. ECU learning values, Learning the turbocharger, Initializing the EGR valve, Initializing the brake-pressure sensor, Learning the steering-angle sensor, Learning the throttle valve, Adapting the fuel burning heater remote control, Initializing the transmission ECU, Initializing the A/C flap actuators, Adapt the intake manifold flap, Adjusting the xenon headlight, Adapting the longitudinal acceleration sensor, Adapting the electro-mechanical power steering, Initializing the tilt/slide sunroof, Checking the transmission fluid level, Initializing the lateral acceleration sensor, Special bleeding, Adapting the electronic damper control, Burning off aux. heater/independent car heater, Unlocking aux. heater/independent car heater

(Audi A3, 8V):

Adapting oil pressure for engine run-in, Initializing the seat belt tensioner ECU, Initializing the 4WD clutch oil pump, Electronic damper control, Filling fuel lines of parking heater/auxiliary heater, Initializing electric seats, Changing the drive type, Initializing the brake-pressure sensor, Learning the steering-angle sensor, Bleeding the fuel system, Resetting the impact mode, Learning the throttle valve, Initializing the ESC sensors, Adapting the fuel burning heater remote control, Initializing the adaptive cruise control, Bleeding the cooling system, Initializing the A/C flap actuators, Adjusting the headlights, Initializing the tilt/slide sunroof, Special bleeding, Initializing the clutch pedal position, Changing and checking DCT fluid, 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, Activating the retrofitted parking heater, Unlocking aux. heater/independent car heater, Initializing the alternator

(Audi A4, 8K):

Initializing the low pressure EGR valve, Initializing the oil pressure sensor/oil temperature sensor of rear axle differential, Filling/topping up the rear axle differential, Resetting learned values of DEF injection system, Initializing electric seats, Initializing the active steering, Resetting the warning message of DEF injection system, Resetting gen. ECU learning values, Learning the steering-angle sensor, Bleeding the fuel system, Adapting the soot particulate filter, Learning the throttle valve, Adapting the fuel burning heater remote control, Adapting the exhaust gas pressure sensor, Initializing the drive position sensor, Performing transmission adaptations, Initializing adaptation values of mechatronic unit, Initializing the adaptive cruise control, Resetting fuel system adaptation values, Bleeding the cooling system, Adapting the electronic climate control, Adjusting the xenon headlight, Resetting engine adaptation

values, Multitronic transmission adaptation drive cycle, Resetting the start inhibitor of DEF injection system, Initializing the tilt/slide sunroof, Regenerating the soot particulate filter, Initializing the exhaust gas flap, Adapting the clutch biting point, Learning the turbocharger, Performing the initial run-in of the air conditioning compressor, Adapting the electronic damper control, Adapting travel sensors, Adapting the gear actuator, Adapting the variable camshaft timing, Configuring the lane change assist, Parking brake maintenance work, Calibrating the camera ECU, Initializing the high-pressure EGR valve, Burning off aux. heater/independent car heater, Activating the retrofitted parking heater, Unlocking aux. heater/independent car heater

(Audi A4, 8W):

Adapting oil pressure for engine run-in, Initializing the seat belt tensioner ECU, Filling/bleeding the cooling system, Replacing emergency battery of emergency call system/telematics system, Checking emergency battery of emergency call system/telematics system, 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, Resetting learned values of DEF injection system, Putting the 48 V system back into operation, Initializing electric seats, Resetting the warning message of DEF injection system, Checking and resetting wear values of AWD clutch fluid, Close 48-V battery contactors, Learning the steering-angle sensor, Bleeding the fuel system, Resetting the impact mode, Adapting the soot particulate filter, 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, Standardizing the loading space cover, 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 neutral position sensor, Regenerating the soot particulate filter, Special bleeding, Changing and checking DCT fluid, 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

(Audi A5, 8F), (Audi A5, 8T):

Resetting learned values of DEF injection system, Learning the turbocharger

(Audi A6, 4A), (Audi A7, 4K), (Audi A8, 4N), (Audi Q7, 4M), (Audi Q8, 4M), (Audi S6, 4A), (Audi S7, 4K):

Initializing the seat belt tensioner ECU, Resetting learned values of DEF injection system, Resetting the warning message of DEF injection system

(Audi A6, 4F), (Audi A8, 4E):

Learning the throttle valve

(Audi A6, 4G), (Audi A7, 4G):

Resetting the warning message of DEF injection system

(Audi A8, 4H):

Resetting learned values of DEF injection system, Resetting the warning message of DEF injection system

(Audi Q2, GA):

Initializing the seat belt tensioner ECU, Initializing the oxidation catalyst, Initializing the 4WD clutch oil pump, Filling fuel lines of parking heater/auxiliary heater, Performing basic settings of emergency call system/telematics system, Initializing the brake-pressure sensor, Learning 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

(Audi Q5, 8R):

Resetting learned values of DEF injection system, Resetting the warning message of DEF injection system, Learning the turbocharger

(Audi Q8 e-tron, GE):

Adapting the cabin fragrance system, Resetting the refrigerant loss counter, 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, Replacing emergency battery of emergency call system/telematics 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, Learning the steering-angle sensor, Filling/bleeding the pneumatic suspension system, Standardizing the liftgate, Initializing the adaptive cruise control, Initializing the A/C flap actuators, Adjusting the headlights, Standardizing the loading space cover, Adapting the normal position of ride-height levelling, Initializing the tilt/slide sunroof, Configuring the lane change assist, Parking brake maintenance work, Calibrating the camera ECU

(Audi A1, 8X), (Audi A3, 8P), (Audi A3, 8V), (Audi A4, 8K), (Audi A4, 8W), (Audi Q2, GA), (Audi Q8 e-tron, GE)

## Service resets



<p><b>Test function</b></p>	<p>(Audi A1, 8X), (Audi A3, 8P), (Audi A3, 8V), (Audi A3, 8Y), (Audi A4, 8K), (Audi A4, 8W), (Audi A5, 8F), (Audi A5, 8T), (Audi A5, F5), (Audi A6, 4A), (Audi A6, 4G), (Audi A7, 4G), (Audi A7, 4K), (Audi Q2, GA), (Audi Q3, 8U), (Audi Q3, F3), (Audi Q5, 8R), (Audi Q5, FY), (Audi TT, 8J), (Audi TT, FV)</p>
<p><b>Secured by Cyber Security Management (CSM) system</b> Capable for diagnostics only with Cyber Security Management</p>	<p>(Audi A3, 8Y)</p>
<p><b>BMW</b></p>	
<p><b>Trouble codes</b></p>	<p>(BMW 1 Ser., E81), (BMW 1 Ser., E82), (BMW 2 Ser., F23), (BMW 2 Ser., G42), (BMW 3 Ser., E90), (BMW 3 Ser., E92), (BMW 3 Ser., 31DZ), (BMW 4 Ser., G26), (BMW 5 Ser., E60), (BMW 5 Ser., F10), (BMW 5 Ser., F11), (BMW 7 Ser., F02), (BMW 7 Ser., F04), (BMW 7 Ser., G70), (BMW Diverse, E91), (BMW X1, U11), (BMW X5, E70), (BMW X5, G05), (BMW X6, G06)</p>
<p><b>Parameters</b></p>	<p>(BMW 1 Ser., E81), (BMW 1 Ser., E82), (BMW 2 Ser., F23), (BMW 2 Ser., G42), (BMW 3 Ser., E90), (BMW 3 Ser., E92), (BMW 3 Ser., 31DZ), (BMW 4 Ser., G26), (BMW 5 Ser., E60), (BMW 5 Ser., F10), (BMW 5 Ser., F11), (BMW 7 Ser., F02), (BMW 7 Ser., F04), (BMW Diverse, E91), (BMW X1, U11), (BMW X5, E70), (BMW X5, G05), (BMW X6, G06)</p>
<p><b>Actuators</b></p>	<p>(BMW 1 Ser., E81), (BMW 1 Ser., E82), (BMW 2 Ser., F23), (BMW 2 Ser., G42), (BMW 3 Ser., E90), (BMW 3 Ser., E92), (BMW 3 Ser., 31DZ), (BMW 4 Ser., G26), (BMW 5 Ser., E60), (BMW 5 Ser., F10), (BMW 5 Ser., F11), (BMW 7 Ser., F02), (BMW 7 Ser., F04), (BMW Diverse, E91), (BMW X1, U11), (BMW X5, E70), (BMW X5, G05), (BMW X6, G06)</p>
<p><b>Codings</b></p>	<p>(BMW 1 Ser., E81), (BMW 1 Ser., E82), (BMW 3 Ser., E90), (BMW 3 Ser., E92), (BMW 5 Ser., E60), (BMW Diverse, E91): Registering the battery, Coding the radio remote control, Coding injectors, Coding the idle rpm</p> <p>(BMW 2 Ser., F23): Coding injectors, Coding the idle rpm</p> <p>(BMW 2 Ser., G42), (BMW 3 Ser., 5V38), (BMW 4 Ser., G22), (BMW 4 Ser., G23), (BMW X3, G01), (BMW X4, G02): Coding injectors</p> <p>(BMW 3 Ser., 31DZ), (BMW 4 Ser., G26): Registering the battery, Coding injectors</p> <p>(BMW 5 Ser., F10), (BMW 5 Ser., F11), (BMW 7 Ser., F02), (BMW 7 Ser., F04), (BMW X5, G05): Registering the battery, Coding injectors, Coding the idle rpm</p> <p>(BMW X5, E70): Registering the battery, Coding the radio remote control, Coding injectors</p>

## | Basic settings

(BMW X6, G06):

Registering the battery, Coding the idle rpm

(BMW 1 Ser., E81):

Learning the steering-angle sensor, Adapting the longitudinal acceleration sensor, Initializing the variable valve lift, Learning the steering-angle sensor, Initializing the lateral acceleration sensor, 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, 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, Learning the power windows, Taking the active steering into operation, Resetting the error counter of the steering column locking, Initializing the rain/light sensor, Initializing the tilt/slide sunroof manually, Reactivating the ECU output after short circuit, Adapting the variable camshaft timing, Restarting the transmission ECU, Resetting the immobilizer

(BMW 1 Ser., E82):

Regenerating the soot particulate filter, Replacing the particle filter, Learning the steering-angle sensor, Adapting the longitudinal acceleration sensor, Learning the steering-angle sensor, Initializing the lateral acceleration sensor, 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, 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, Learning the power windows, Taking the active steering into operation, Resetting the error counter of the steering column locking, Resetting the quantity mean value adaptation, Reset fuel pump learning values, 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 1 Ser., 2R11), (BMW 1 Ser., 2P71), (BMW 1 Ser., 7K31), (BMW 2 Ser., F44), (BMW 3 Ser., 68FF), (BMW 4 Ser., G22), (BMW 4 Ser., G23), (BMW 5 Ser., JR11), (BMW 5 Ser.,

JT11), (BMW 6 Ser., G32), (BMW 7 Ser., G11), (BMW 7 Ser., G12), (BMW 7 Ser., G70), (BMW X2, F39), (BMW X3, G01), (BMW X4, G02), (BMW X7, G07), (BMW Z4, G29):

Resetting engine adaptation values

(BMW 2 Ser., 2F11):

Adjusting the boost control rod, Activating the assembly position of the exhaust gas flap actuator, Initializing the exhaust gas flap, Resetting learned values of throttle valve actuator, Resetting engine adaptation values

(BMW 2 Ser., F23):

Adapt shifting speed regulation, Reset equipment variant, Adjusting the boost control rod, Activating the assembly position of the exhaust gas flap actuator, Initializing the variable valve lift, Initializing the exhaust gas flap, Resetting learned values of throttle valve actuator, Resetting the DME adaptation values, Initializing the gear sensor, Activating the fuel pump, Resetting the quantity mean value adaptation, Resetting engine adaptation values, Adapting the variable camshaft timing

(BMW 2 Ser., F45), (BMW 2 Ser., F46), (BMW 3 Ser., F30), (BMW 3 Ser., F31), (BMW 3 Ser., 8Y91), (BMW 4 Ser., 4N11), (BMW 4 Ser., 8S11), (BMW 4 Ser., 4D71), (BMW X1, F48):

Initialize minimum quantity deviation of the injectors, Resetting engine adaptation values

(BMW 2 Ser., G42):

Moving the air distribution flaps to service position, Unlocking the electric auxiliary heater, Taking the steering into operation, 48-V integrated starter alternator – reset production mode, Resetting gearbox learning values, Unlocking aux. heater/independent car heater, Initializing the sunroof anti-pinch protection, De/activating the parking brake service mode, Resetting transfer case adaptation values, Adapting the A/C compressor, Resetting engine adaptation values, Calibrating the radar sensor, Initializing the rain/light sensor, Calibrating the front camera, Bleeding the brake system, Initialize acceleration sensor, Configuring the lane change assist, Calibrating the rearview camera/all-round vision camera

(BMW 3 Ser., E90):

Initialize classification resistance of transfer case, Performing initial run-in of variable valve lift, Learning the steering-angle sensor, Adapting the longitudinal acceleration sensor, Initializing the variable valve lift, Learning 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., E92):

Initialize classification resistance of transfer case, Learning the steering-angle sensor, Adapting the longitudinal acceleration sensor, Initializing the variable valve lift, Learning 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, Resetting learned values of NOx adsorption catalyst, Reactivating the ECU output after short circuit, Restarting the transmission ECU, Resetting the immobilizer

(BMW 3 Ser., 6K31):

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, Draining/filling the refrigerant circuit, 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, Resetting learned values of the induction system, Deactivating the transport mode of ride height leveling/damper control, Taking the steering into operation, 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, Resetting gearbox learning values, Resetting transfer case adaptation values, Bleeding the fuel system, Unlocking aux. heater/independent car heater, Resetting the ECU, 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, Initializing the glow plugs, Adapting the A/C compressor, Resetting fuel system adaptation values, Bleeding the cooling system, Resetting the pulse-generator ring adaptation, Resetting engine adaptation values, Resetting exhaust gas aftertreatment adaptation values, Calibrating the radar sensor, Calibrating the front camera, Replacing the lean NOx catalyst, Actuating the assembly position of the EGR valve, Bleeding the brake system, Initializing the angular offset between the crankshaft and camshaft, Calibrating the rearview camera/all-round vision camera

(BMW 4 Ser., G26):

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, Taking the steering into operation, 48-V integrated starter alternator – reset production mode, Setting the maximum oil pressure, Replacing the particle filter, Initializing the variable valve lift, Resetting gearbox learning values, Resetting transfer case adaptation values, Unlocking aux. heater/independent car heater, Resetting learned values of throttle valve actuator, Initializing the sunroof anti-pinch protection, Standardizing the liftgate, Filling/bleeding the pneumatic suspension system, De/activating the parking brake service mode, Resetting the mixture adjustment, Resetting differential pressure sensor learning values, Adapting the A/C compressor, Resetting fuel system adaptation values, Resetting the pulse-generator ring adaptation, Calibrating the radar sensor, Initializing the rain/light sensor, Calibrating the front camera, Bleeding the brake system, Initialize acceleration sensor, Adapting the variable camshaft timing, Configuring the lane change assist, Calibrating the rearview camera/all-round vision camera

(BMW 5 Ser., E60):

Learning the steering-angle sensor, Adapting the longitudinal acceleration sensor, Initializing the variable valve lift, 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", Bleeding the cooling system, Adjusting the xenon headlight, Adapting the active roll stabilizer, Resetting learned values of NOx sensor, 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., F10):

Setting vehicle into sleep mode, Initialize minimum quantity deviation of the injectors, Initializing the air suspension, Taking the self-steering rear axle into operation, Correcting the wear limit of brake linings, Initializing ride height sensors, Activating the axle alignment mode for self-steering rear axle, Reset learned values, Learning the steering-angle sensor, Unlocking aux. heater/independent car heater, 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, Learning the power windows, Taking the active steering into operation, Adapting the A/C compressor, Bleeding the cooling system, 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, 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., F11):

Regenerating the soot particulate filter, Adapt shifting speed regulation, Setting vehicle into sleep mode, Initialize minimum quantity deviation of the injectors, 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, Activating the axle alignment mode for self-steering rear axle, Replacing the particle filter, Learning the steering-angle sensor, Unlocking aux. heater/independent car heater, Resetting EGR valve learning values, Bleeding the fuel system, 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, Learning the power windows, Initializing the gear sensor, Resetting learned values of the DEF injection system, Taking the active steering into operation, Adapting the A/C compressor, Resetting fuel system adaptation values, Bleeding the cooling system, Activating the fuel pump, Resetting the pulse-generator ring adaptation, Calibrating the night vision assist, Resetting exhaust gas aftertreatment adaptation values, Calibrating the parking brake, 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, Resetting starter learning values, Calibrating the front camera, Resetting the transport mode, Aiming the headlights for targeted lighting, Adjusting the starting torque, 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 headlight motor, Adapting the induction system, Configuring the lane change assist, Initializing the angular offset between the crankshaft and camshaft, De/activating the parking brake service mode, Calibrating the rearview camera/all-round vision camera, Calibrating the parking brake

(BMW 7 Ser., F02), (BMW 7 Ser., F04):

Setting vehicle into sleep mode, Taking the self-steering rear axle into operation, Correcting the wear limit of brake linings, Initializing ride height sensors, Activating the axle alignment mode for self-steering rear axle, Reset learned values, Learning the steering-angle sensor, Resetting transfer case adaptation values, Unlocking aux. heater/independent car heater, Clearing the list of stored Bluetooth devices, Resetting the ECU, Bleeding the electronic stability control, Resetting learned values of the transmission ECU, Initializing the sunroof anti-pinch protection, Learning the power windows, Standardizing the liftgate, Filling/bleeding the pneumatic suspension system, Learning the power windows, Adapting the A/C compressor, Bleeding the cooling system, 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, Aiming the headlights for targeted lighting, 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 Diverse, E91):

Initialize classification resistance of transfer case, Learning the steering-angle sensor, Adapting the longitudinal acceleration sensor, Initializing the variable valve lift, Learning 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 X1, U11):

Setting the maximum oil pressure, 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, F25):

Initialize minimum quantity deviation of the injectors, Initializing the EGR valve, Resetting EGR valve learning values, Resetting mass airflow sensor adaptation values, Resetting the swirl flap adaptation values, Reset fuel pump learning values, Resetting the quantity mean value adaptation, Resetting learned values of the high-pressure fuel controller

(BMW X4, F26):

Initialize minimum quantity deviation of the injectors

(BMW X5, E70):

Calibrate rearview camera, Regenerating the soot particulate filter, Replacing the particle filter, Learning the steering-angle sensor, Adapting the longitudinal 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, Resetting the transport mode of ride height leveling / ride height leveling ECU, Clearing the list of stored Bluetooth devices, Resetting the ECU, Initializing the overhead control panel, De-standardizing the tilt/slide sunroof ECU, EMF workshop mode, Bleeding the ABS/ESC system, Resetting learned values of the transmission ECU, Adapting ETC components, Resetting the EGS oil change, Learning the power windows, Taking the active steering into operation, Resetting the error counter of the steering column locking, Adapting the active roll stabilizer, Resetting the quantity mean value adaptation, Calibrating the radar sensor, Initializing the rain/light sensor, Initializing the tilt/slide sunroof manually, Calibrating the front camera, Reactivating the ECU output after short circuit, Restarting the transmission ECU, Resetting the immobilizer

(BMW X5, F15), (BMW X6, F16):

Resetting learned values of the induction system

(BMW X5, G05):



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, Initializing the air suspension, Deactivating the service mode of SCR ECU, De-energizing the 48 V system, Replacing the brake fluid, Resetting learned values of the induction system, Taking the steering into operation, Replacing components of DEF injection system, Taking the DEF tank system into operation, 48-V integrated starter alternator – reset production mode, Activating the axle alignment mode for self-steering rear axle, Replacing the particle filter, Resetting gearbox learning values, Bleeding the fuel system, Unlocking aux. heater/independent car heater, Resetting the ECU, 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 start inhibitor of DEF injection system, Adapting the A/C compressor, Resetting fuel system adaptation values, Bleeding the cooling system, Activating the fuel pump, Resetting engine adaptation values, Resetting exhaust gas aftertreatment adaptation values, Calibrating the radar sensor, Calibrating the front camera, Replacing the lean NOx catalyst, Actuating the assembly position of the EGR valve, Resetting long-term adaptation values of diesel exhaust fluid dosing module, Bleeding the brake system, Configuring the lane change assist, Initializing the angular offset between the crankshaft and camshaft, Calibrating the rearview camera/all-round vision camera

(BMW X6, G06):

Initializing the rain sensor, Moving the air distribution flaps to service position, Unlocking the electric auxiliary heater, Draining/filling the refrigerant circuit, Initializing the air suspension, Deactivating the service mode of SCR ECU, De-energizing the 48 V system, Replacing the brake fluid, Resetting learned values of the induction system, Deactivating the transport mode of ride height leveling/damper control, Taking the steering into operation, Replacing components of DEF injection system, Taking the DEF tank system into operation, 48-V integrated starter alternator – reset production mode, Activating the axle alignment mode for self-steering rear axle, Replacing the particle filter, Resetting gearbox learning values, Resetting transfer case adaptation values, Bleeding the fuel system, Unlocking aux. heater/independent car heater, 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 start inhibitor of DEF injection system, Adapting the A/C compressor, Resetting fuel system adaptation values, Bleeding the cooling system, Activating the fuel pump, Resetting engine adaptation values, Resetting exhaust gas aftertreatment adaptation values, Calibrating the radar sensor, Calibrating the front camera, Replacing the lean NOx catalyst, Actuating the assembly position of the EGR valve, Bleeding the brake system, Configuring the lane change assist, Calibrating the rearview camera/all-round vision camera

<p>  <b>Service resets</b></p>	<p>(BMW 1 Ser., E81), (BMW 1 Ser., E82), (BMW 2 Ser., G42), (BMW 3 Ser., E90), (BMW 3 Ser., E92), (BMW 3 Ser., 31DZ), (BMW 4 Ser., G26), (BMW 5 Ser., E60), (BMW 5 Ser., F10), (BMW 5 Ser., F11), (BMW 7 Ser., F02), (BMW 7 Ser., F04), (BMW Diverse, E91), (BMW X5, E70), (BMW X5, G05), (BMW X6, G06)</p>
<p>  <b>Test function</b></p>	<p>(BMW 1 Ser., E81), (BMW 1 Ser., E82), (BMW 2 Ser., F23), (BMW 2 Ser., G42), (BMW 3 Ser., E90), (BMW 3 Ser., E92), (BMW 3 Ser., 31DZ), (BMW 4 Ser., G26), (BMW 5 Ser., E60), (BMW 5 Ser., F10), (BMW 5 Ser., F11), (BMW 7 Ser., F02), (BMW 7 Ser., F04), (BMW Diverse, E91), (BMW X1, U11), (BMW X5, E70), (BMW X5, G05), (BMW X6, G06)</p>
<p><b>Citroen</b></p>	
<p>  <b>Trouble codes</b></p>	<p>(Citroen C5 X, N), (Citroen Jumper-IV, Y (EU6)), (Citroen Jumpy-IV, V)</p>
<p>  <b>Parameters</b></p>	<p>(Citroen C5 X, N), (Citroen Jumper-IV, Y (EU6)), (Citroen Jumpy-IV, V)</p>
<p>  <b>Actuators</b></p>	<p>(Citroen C5 X, N), (Citroen Jumper-IV, Y (EU6)), (Citroen Jumpy-IV, V)</p>
<p>  <b>Codings</b></p>	<p>(Citroen C5 X, N): Coding the keys</p> <p>(Citroen Jumper-IV, Y (EU6)): Coding the trailer hitch, Coding injectors, Coding the keys, Coding ECUs, Coding the demanded tire pressure</p> <p>(Citroen Jumpy-IV, V): Coding the trailer hitch, Registering the battery, Synchronisation of the remote control, Coding injectors, Coding the intrusion monitoring, Coding the alarm sound, Coding the keys</p>
<p>  <b>Basic settings</b></p>	<p>(Citroen C4 SpaceTourer, 3), (Citroen C5 Aircross, A), (Citroen SpaceTourer, V): Regenerating the soot particulate filter</p> <p>(Citroen C5 X, N): Regenerating the soot particulate filter, Replace the piston, Initializing the electric coolant pump, Replacing the oil pump, Replacing the tensioner pulley of accessory, Calibrating the corner radar dynamically, Performing basic setting of high-voltage battery module, Bleeding the ABS/ESC system, Learning the turbocharger, Adapting the longitudinal acceleration sensor, Learning the throttle valve, Replace auxiliary drive belt, Replacing the differential pressure sensor, Initializing the fuel level, Reducing fuel high pressure, Adapting the radiator shutter, Bleeding the cooling system, Learning the steering-angle sensor, Leaving the ECO mode, Cleaning/replacing the soot particulate filter,</p>

Initialising the boost pressure regulator, Adapting the variable camshaft timing, Calibrating the camera ECU, Replace brake parts

(Citroen Jumper-IV, Y (EU6)):

Regenerating the soot particulate filter, Fill the DEF tank, Initializing the EGR valve, Filling the regeneration additive container, Emptying/filling the diesel exhaust fluid tank, Resetting the diesel exhaust fluid level, Initializing the DeNOx system, Initializing the air metering system, Learning the steering-angle sensor, De-calibrating the longitudinal/lateral acceleration sensor, Initializing the longitudinal/lateral acceleration sensor, Activating the start/stop function, Calibrating the camera ECU, Replacing engine parts

(Citroen Jumpy-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, Regenerating the soot particulate filter at standstill, 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, Adapting the longitudinal acceleration sensor, Adapting the clutch biting point, 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, Initializing the A/C flap actuators, Learning the steering-angle sensor, Leaving the ECO mode, Checking the transmission fluid level, Initializing the transmission ECU, 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

| Service resets

(Citroen C5 X, N), (Citroen Jumper-IV, Y (EU6)), (Citroen Jumpy-IV, V)

| Test function

(Citroen Jumper-IV, Y (EU6)), (Citroen Jumpy-IV, V)

## Cupra

| Trouble codes

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

| Parameters

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

| Actuators

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

## | Codings

(Cupra Formentor, KM):

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

(Cupra 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 the rain/light sensor, Deactivating/activating the transport mode

## | Basic settings

(Cupra Formentor, KM):

Initializing the oxidation catalyst, Filling fuel lines of parking heater/auxiliary heater, Initializing electric seats, Changing the drive type, Checking and resetting wear values of AWD clutch fluid, Performing basic settings of emergency call system/telematics system, Learning the steering-angle sensor, Initializing the brake-pressure sensor, Bleeding the fuel system, Adapting the soot particulate filter, Learning 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 the start inhibitor of DEF injection system, Initializing the tilt/slide sunroof, Regenerating the soot particulate filter, Activating the roller test stand mode, Special bleeding, Changing and checking DCT fluid, 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

(Cupra Leon, KL):

Regenerating the soot particulate filter, 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, Learning the steering-angle sensor, Initializing the brake-pressure sensor, Unlocking aux. heater/independent car heater, Resetting the impact mode, Adapting the soot particulate filter, Learning the throttle valve, Initializing the adaptive cruise control, 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, Bleeding the cooling system, Initializing the A/C flap actuators, Adjusting the headlights, Resetting engine adaptation values, 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, Changing and checking DCT fluid, Performing the initial run-

	<p>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, Resetting timing chain adaptation values</p>
<p>  <b>Service resets</b></p>	<p>(Cupra Formentor, KM), (Cupra Leon, KL)</p>
<p>  <b>Test function</b></p>	<p>(Cupra Formentor, KM)</p>
<p>  <b>Secured by Cyber Security Management (CSM) system</b> Capable for diagnostics only with Cyber Security Management</p>	<p>(Cupra Formentor, KM), (Cupra Leon, KL)</p>
<p><b>Fiat</b></p>	
<p>  <b>Trouble codes</b></p>	<p>(Fiat 500 (312), 312), (Fiat Doblo (152/263), 263), (Fiat Ducato-VI (290), 290 (EU6D))</p>
<p>  <b>Parameters</b></p>	<p>(Fiat 500 (312), 312), (Fiat Doblo (152/263), 263), (Fiat Ducato-VI (290), 290 (EU6D))</p>
<p>  <b>Actuators</b></p>	<p>(Fiat 500 (312), 312)</p>
<p>  <b>Codings</b></p>	<p>(Fiat 500 (312), 312): Proxy alignment, Coding the belt warning buzzer, Coding injectors, Coding the instrument cluster, Coding the keys, Deactivating the transport mode</p> <p>(Fiat Ducato-VI (290), 290 (EU6D)): Coding the trailer hitch, Coding injectors</p>
<p>  <b>Basic settings</b></p>	<p>(Fiat 500 (312), 312): Regenerating the soot particulate filter, Deactivate power-output limitation, Resetting alternator overheating counter, Replacing the particle filter, Performing transmission adaptations, Initializing the high-pressure pump/flow control, Resetting engine adaptation values of auxiliary aggregates/systems, Initializing the fuel high-pressure sensor, Resetting the indicator light "Water in fuel", Learning the lambda sensor, Learning the steering-angle sensor, Resetting engine adaptation values, Initializing the neutral position sensor, Initializing lateral/longitudinal/rotation acceleration sensor, Resetting mass airflow sensor adaptation values, Learning the turbocharger, Initializing the clutch pedal position, Replacing the mechanical pressure relief valve in fuel system, Resetting differential pressure sensor learning values</p> <p>(Fiat Doblo (152/263), 263): Resetting the learned values for DEF injector, Regenerating the soot particulate filter, Initializing the low pressure EGR valve, Replace diesel exhaust fluid pressure sensor, Bleed DEF injection system, Replace DEF injector, Replacing the diesel exhaust fluid pump, Replace diesel exhaust fluid tank,</p>

Replace diesel exhaust fluid line, Reset learned values for diesel exhaust fluid tank system, Resetting adaptation values of fuel high-pressure sensor, Resetting adaptation values of soot particulate filter/primary catalyst, Resetting learned values of soot particulate filter/SCR catalyst, Resetting the indicator lamp "Coolant temperature too high", Entering immobilizer emergency code, Resetting the diesel exhaust fluid level, Resetting the start inhibitor of DEF injection system, Resetting the indicator light "Water in fuel", Resetting learned values of fuel pressure regulator, Resetting oxygen sensor adaptation values, Resetting mass airflow sensor adaptation values, Learning the turbocharger, Replacing the lean NOx catalyst, Resetting learned values of diesel exhaust fluid pump

(Fiat Ducato-VI (290), 290 (EU6D)):

Resetting the learned values for DEF injector, Regenerating the soot particulate filter, Initializing the low pressure EGR valve, Resetting alternator overheating counter, Initializing the fuel high-pressure sensor, Replace diesel exhaust fluid pressure sensor, Bleed DEF injection system, Replace DEF injector, Replacing the diesel exhaust fluid pump, Replace diesel exhaust fluid tank, Replace diesel exhaust fluid line, Reset learned values for diesel exhaust fluid tank system, Resetting soot particulate sensor adaptation values, Replacing the particle filter, Bleeding the fuel system, Resetting the diesel exhaust fluid level, Resetting the air filter adaptation values, Learning the steering-angle sensor, Initializing the neutral position sensor, Initializing the exhaust temperature sensor, Initializing the clutch pedal position, Resetting learned values of diesel exhaust fluid pump, Calibrating the camera ECU, Initializing the high-pressure EGR valve, Resetting differential pressure sensor learning values

**| Service resets**

(Fiat 500 (312), 312), (Fiat Doblo (152/263), 263), (Fiat Ducato-VI (290), 290 (EU6D))

**| Test function**

(Fiat Doblo (152/263), 263), (Fiat Ducato-VI (290), 290 (EU6D))

**| Secured by Cyber Security Management (CSM) system**

Capable for diagnostics only with Cyber Security Management

(Fiat Doblo (152/263), 263)

## Ford

**| Trouble codes**

(Ford C-Max 04, DXA), (Ford Fiesta 06, JA8), (Ford Fiesta 08, JGH), (Ford Focus 06, DEH), (Ford Kuga 03, DFK), (Ford Mondeo 05, BA7), (Ford S-Max 02, WAH6), (Ford Transit 10, FAC), (Ford Transit 11, FAC)

**| Parameters**

(Ford C-Max 04, DXA), (Ford Fiesta 06, JA8), (Ford Fiesta 08, JGH), (Ford Focus 06, DEH), (Ford Kuga 03, DFK), (Ford Mondeo 05, BA7), (Ford S-Max 02, WAH6), (Ford Transit 10, FAD,FBD)

| Codings

(Ford Fiesta 06, JA8), (Ford Focus 06, DEH), (Ford Transit 10, FAD,FBD):  
Coding injectors

| Basic settings

(Ford C-Max 04, DXA):

Bleeding the ABS/ESC system, Learning the steering-angle sensor, Initializing the brake-pressure sensor, Learning the power windows, Teach-in gearshift fork system, Teach-in clutch system, Standardizing the liftgate, Resetting adaptation values of ABS ECU, Adapting the longitudinal acceleration sensor, Initializing the lateral acceleration sensor, Initialize tire pressure sensors, Activating the tire pressure sensors, Correcting straight-running stability, Calibrating the steering wheel position sensor, Initializing the tilt/slide sunroof, Teach-in battery sensor module, Calibrating the lane departure warning system camera

(Ford Fiesta 06, JA8):

Regenerating the soot particulate filter, Bleeding the ABS/ESC system, Initializing the mass airflow sensor, Resetting EGR valve learning values, Initializing the brake-pressure sensor, Resetting the particulate filter learning values, Initializing the ABS/ESC system, Adjust clearance of parking brake, Initializing the yaw rate sensor, Resetting fuel system adaptation values, Resetting the A/C compressor learning values, Resetting the intake manifold flap learning values, Calibrating the steering-angle sensor, Resetting oxygen sensor adaptation values, Adapting the longitudinal acceleration sensor, Initializing the lateral acceleration sensor, Correcting straight-running stability, Resetting the exhaust temperature values, Resetting the variable turbocharger adaptation values, Teach-in battery sensor module, Resetting differential pressure sensor learning values

(Ford Fiesta 08, JGH):

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):

Resetting throttle valve adaptation values, Resetting the fuel low pressure adaptation values, Regenerating the soot particulate filter, Initializing the crankshaft sensor, Resetting adaptation values of high-pressure fuel system, Initializing new ECU to LIN bus, Activating/deactivating the brake system service mode, Bleeding the ABS/ESC system, Resetting EGR valve learning values, Resetting mass airflow sensor adaptation values, Initializing the adaptive cruise control, Resetting the particulate filter learning values, Adjustment of LED headlights, Resetting differential pressure sensor learning values, Adapting the radiator shutter, Calibrating the parking brake, Resetting learned values of injectors, Resetting engine adaptation values, Resetting learned values of NOx sensor, Initializing lateral/longitudinal/rotation acceleration sensor, Initialize tire

pressure sensors, Activating the tire pressure sensors, Resetting exhaust-gas temperature sensor adaptation values of soot particulate filter, Teach-in battery sensor module, Calibrating the lane departure warning system camera

(Ford Kuga 03, DFK):

Resetting oxygen sensor adaptation values, Regenerating the soot particulate filter, Initializing the fuel high-pressure sensor, Activating/deactivating the brake system service mode, Bleeding the ABS/ESC system, Resetting mass airflow sensor adaptation values, Initializing the adaptive cruise control, Resetting the particulate filter learning values, Calibrating the parking brake, Resetting learned values of injectors, Resetting the indicator light "Water in fuel", Resetting the intake manifold flap learning values, 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

(Ford Mondeo 05, BA7):

Bleeding the ABS/ESC system, Adapting the longitudinal acceleration sensor, Initializing the adaptive cruise control, Standardizing the liftgate, Learning the power windows, Calibrating the parking brake, Initialize tire pressure sensors, Activating the tire pressure sensors, Initializing the tilt/slide sunroof, Teach-in battery sensor module, Calibrating the lane departure warning system camera, Deactivating the parking brake service mode, Initializing the forward collision warning system

(Ford S-Max 02, WAH6):

Activating/deactivating the brake system service mode, Bleeding the ABS/ESC system, Initializing the adaptive cruise control, Calibrating the parking brake, 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

(Ford Transit 10, FED):

Resetting the fuel low pressure adaptation values, Regenerating the soot particulate filter, Initializing the crankshaft sensor, Fill the DEF tank, Cleaning the turbocharger, Initializing the mass airflow sensor, Learning the steering-angle sensor, Resetting EGR valve learning values, Adapting the longitudinal acceleration sensor, Initializing the adaptive cruise control, Resetting the particulate filter learning values, Resetting the injection pump learning values, Learning the power windows, Emptying/filling the diesel exhaust fluid tank, Resetting learned values of the DEF injection system, Resetting fuel system adaptation values, Resetting the A/C compressor learning values, Resetting the indicator light "Water in fuel", Resetting the intake manifold flap learning values, Resetting the start inhibitor of DEF injection system, Resetting learned values of injectors, Initialize tire pressure sensors, Activating the tire pressure sensors, Initializing the tilt/slide sunroof, Resetting exhaust-gas temperature sensor adaptation



	<p>values of soot particulate filter, Resetting the exhaust temperature values, Initializing the SCR system, Resetting the variable turbocharger adaptation values, Teach-in battery sensor module, Calibrating the lane departure warning system camera, Resetting differential pressure sensor learning values</p> <p>(Ford Transit 11, FAC): Learning the steering-angle sensor</p>
<b>Service resets</b>	<p>(Ford C-Max 04, DXA), (Ford Fiesta 06, JA8), (Ford Fiesta 08, JGH), (Ford Focus 06, DEH), (Ford Kuga 03, DFK), (Ford Mondeo 05, BA7), (Ford S-Max 02, WAH6), (Ford Transit 10, FAD,FBD)</p>
<b>Test function</b>	<p>(Ford Transit 10, FAD,FBD)</p>
<b>Honda</b>	
<b>Trouble codes</b>	<p>(Honda e, ZC7)</p>
<b>Hyundai</b>	
<b>Trouble codes</b>	<p>(Hyundai Bayon, BC3), (Hyundai Diverse, NE), (Hyundai Elantra, AD), (Hyundai Grand Santa Fe, NC), (Hyundai i10, AC3), (Hyundai i30 / i30cw, PD), (Hyundai Ioniq, AE), (Hyundai Ioniq, NE), (Hyundai Kona, OS), (Hyundai Santa Fe, TM), (Hyundai Sonata, NF), (Hyundai Tucson, NX4), (Hyundai Tucson, TL), (Hyundai Veloster, FS)</p>
<b>Parameters</b>	<p>(Hyundai Bayon, BC3), (Hyundai Elantra, AD), (Hyundai Grand Santa Fe, NC), (Hyundai i10, AC3), (Hyundai i30 / i30cw, PD), (Hyundai Ioniq, AE), (Hyundai Ioniq, NE), (Hyundai Kona, OS), (Hyundai Santa Fe, TM), (Hyundai Sonata, NF), (Hyundai Tucson, NX4), (Hyundai Tucson, TL), (Hyundai Veloster, FS)</p>
<b>Actuators</b>	<p>(Hyundai Bayon, BC3), (Hyundai Elantra, AD), (Hyundai Grand Santa Fe, NC), (Hyundai i10, AC3), (Hyundai i30 / i30cw, PD), (Hyundai Ioniq, AE), (Hyundai Kona, OS), (Hyundai Sonata, NF), (Hyundai Tucson, NX4), (Hyundai Tucson, TL), (Hyundai Veloster, FS)</p>
<b>Codings</b>	<p>(Hyundai Bayon, BC3), (Hyundai i20, BC3), (Hyundai i20, BC3): Coding the tire size</p> <p>(Hyundai Grand Santa Fe, NC): Coding injectors, Adapting the power steering after replacement, Coding the power steering ECU, Coding the tire pressure check, Coding the wheel valves</p> <p>(Hyundai i30 / i30cw, PD), (Hyundai i30 / i30cw, PD), (Hyundai i30 / i30cw, PD), (Hyundai i30 / i30cw, PD):</p>

## | Basic settings

Coding injectors, Coding the steering, Coding the wheel valves, Initializing the radar unit of distance warning system

(Hyundai Ioniq, AE):

Registering the rear radar sensor, Initializing the radar unit of distance warning system

(Hyundai Kona, OS):

Registering the rear radar sensor, Coding the steering, Coding the wheel valves, Initializing the radar unit of distance warning system

(Hyundai Santa Fe, TM), (Hyundai Santa Fe, TM):

Replacing the front camera, Coding injectors, Adapting the power steering after replacement, Coding the power steering ECU, Coding the tire pressure check, Coding the wheel valves, Initializing the radar unit of distance warning system

(Hyundai Santa Fe, TM), (Hyundai Santa Fe, TM), (Hyundai Tucson, TL):

Coding the wheel valves, Initializing the radar unit of distance warning system

(Hyundai Sonata, NF):

Coding the keys

(Hyundai Tucson, NX4):

Coding injectors, Coding the wheel valves

(Hyundai Tucson, NX4), (Hyundai Veloster, FS):

Coding the wheel valves

(Hyundai Bayon, BC3):

Regenerating the soot particulate filter, Calibrating radar statically, Replacing the particle filter, Resetting gearbox learning values, Bleeding the ABS/ESC system, Teach-in clutch system, Bleed transmission hydraulics, Adapting the longitudinal acceleration sensor, Learning the steering-angle sensor, Resetting engine adaptation values, Regenerating the soot particulate filter, Learning the RDC sensors, Configuring the lane change assist, Calibrating the camera ECU

(Hyundai Elantra, AD):

Learning the steering-angle sensor

(Hyundai Grand Santa Fe, NC):

Regenerating the soot particulate filter, Initializing ride height sensors, Bleeding the fuel system, Initializing the torque sensor, Adapting the longitudinal acceleration sensor, Resetting gearbox learning values, Standardizing the liftgate, Learning the steering-angle sensor, Performing the compression test, Calibrating the cornering light, Calibrating the camera and radar system, Bleeding the brake system, Configuring the lane change assist, Calibrating the camera ECU, Replacing engine parts

(Hyundai i10, AC3):

Regenerating the soot particulate filter, Replacing the particle filter, Bleeding the ABS hydraulic unit, Adapting the longitudinal acceleration sensor, Calibrating the steering-

angle sensor, Learning the steering-angle sensor, Resetting engine adaptation values, Learning the RDC sensors, Calibrating the camera ECU

(Hyundai i20, BC3), (Hyundai i20, BC3):

Regenerating the soot particulate filter, Calibrating radar statically, Replacing the particle filter, Resetting gearbox learning values, Bleed transmission hydraulics, Resetting engine adaptation values, Configuring the lane change assist, Calibrating the camera ECU

(Hyundai i30 / i30cw, PD):

Regenerating the soot particulate filter, Initializing the diesel exhaust fluid pump module, Initializing the diesel exhaust fluid injector, Filling/bleeding the diesel exhaust fluid line, Adapting the diesel exhaust fluid tank, Calibrating radar statically, Initializing the EGR valve, Replacing the particle filter, Initializing the mass airflow sensor, Bleeding the fuel system, Learning the throttle valve, Adapting the accelerator sensor, Teach-in clutch system, Bleeding the cooling system, Adapting the longitudinal acceleration sensor, Learning the lambda sensor, Learning the steering-angle sensor, Resetting engine adaptation values, Resetting the start inhibitor of DEF injection system, Resetting learned values of the lower EGR, Bleeding the brake system, De/activating the parking brake service mode, Replacing the fuel pressure sensor, Calibrating the camera ECU

(Hyundai Ioniq, AE):

Calibrate radar dynamically, Bleeding the cooling system, De/activating the parking brake service mode, Calibrating the camera ECU

(Hyundai ix35, EL):

Adapting the swirl control valve

(Hyundai Kona, OS), (Hyundai Tucson, TL):

Bleeding the cooling system

(Hyundai Kona, OS):

Regenerating the soot particulate filter, Resetting transfer case adaptation values, Calibrating radar statically, Replacing the particle filter, Bleeding the ABS/ESC system, Teach-in clutch system, Bleeding the cooling system, Adapting the longitudinal acceleration sensor, Learning the steering-angle sensor, Resetting engine adaptation values, Configuring the head-up display, Initializing the brake-pressure sensor, Configuring the lane change assist, Calibrating the camera ECU

(Hyundai Santa Fe, TM):

Regenerating the soot particulate filter, Initializing the diesel exhaust fluid pump module, Initializing the diesel exhaust fluid injector, Filling/bleeding the diesel exhaust fluid line, Adapting the diesel exhaust fluid tank, Calibrate radar dynamically, Initializing ride height sensors, Initializing the EGR valve, Initializing the differential pressure sensor, Replacing the particle filter, Initializing the mass airflow sensor, Adapting the longitudinal acceleration sensor, Bleeding the fuel system, Learning the throttle valve, Gearbox bleeding, Adapting the accelerator sensor, Gearbox

adaptation, Resetting gearbox learning values, Standardizing the liftgate, Learning the lambda sensor, Learning the steering-angle sensor, Resetting the start inhibitor of DEF injection system, De/activating the electric parking brake service mode, Bleeding the transfer case, Bleeding the brake system, Configuring the lane change assist, Replacing the fuel pressure sensor, Calibrating the camera ECU

(Hyundai Santa Fe, TM), (Hyundai Santa Fe, TM):  
Regenerating the soot particulate filter, Calibrate radar dynamically, Initializing the rotor position sensor, Initializing the brake-pedal travel sensor, Replacing the high-voltage battery module, Initializing the transmission oil pump, Resetting gear selector lever adaptation values, Replacing the particle filter, Adapting the longitudinal acceleration sensor, Initializing the brake-pressure sensor, Resetting gearbox learning values, Bleeding the cooling system, Learning the steering-angle sensor, Resetting engine adaptation values, De/activating the electric parking brake service mode, Bleeding the transfer case, Configuring the lane change assist, Calibrating the camera ECU

(Hyundai Sonata, NF):  
Bleeding the ABS hydraulic unit, Initializing the ABS/ESC system, Resetting gearbox learning values, Solenoid valve test

(Hyundai Tucson, NX4):  
Regenerating the soot particulate filter, Resetting transfer case adaptation values, Calibrate radar dynamically, Replacing the particle filter, Bleeding the ABS hydraulic unit, Learning the steering-angle sensor, Adapting the longitudinal acceleration sensor, Resetting gearbox learning values, Teach-in clutch system, Bleed transmission hydraulics, Calibrating the steering-angle sensor, Resetting engine adaptation values, De/activating the electric parking brake service mode, Bleeding the transfer case, Configuring the lane change assist, Calibrating the camera ECU

(Hyundai Tucson, TL):  
Regenerating the soot particulate filter, Calibrate radar dynamically, Replacing the particle filter, Adapting the longitudinal acceleration sensor, Resetting gearbox learning values, Teach-in clutch system, Standardizing the liftgate, Resetting adaptation values of ABS ECU, Learning the steering-angle sensor, Resetting engine adaptation values, Bleeding the brake system, Configuring the lane change assist, De/activating the parking brake service mode, Calibrating the camera ECU

(Hyundai Veloster, FS):  
Bleeding the ABS hydraulic unit, Reset learned values, Resetting gearbox learning values, Calibrate ASP

(Hyundai Bayon, BC3), (Hyundai Grand Santa Fe, NC), (Hyundai i10, AC3), (Hyundai i30 / i30cw, PD), (Hyundai Ioniq, AE), (Hyundai Kona, OS), (Hyundai Santa Fe, TM), (Hyundai Tucson, TL), (Hyundai Veloster, FS)

## | Service resets

<p>  <b>Test function</b></p>	<p>(Hyundai Bayon, BC3), (Hyundai Grand Santa Fe, NC), (Hyundai Kona, OS), (Hyundai Santa Fe, TM)</p>
<p>  <b>Secured by Cyber Security Management (CSM) system</b> Capable for diagnostics only with Cyber Security Management</p>	<p>(Hyundai Santa Fe, TM), (Hyundai i20, BC3), (Hyundai Tucson, NX4), (Hyundai Bayon, BC3), (Hyundai Ioniq, NE), (Hyundai Diverse, NE)</p>

## Isuzu

<p>  <b>Trouble codes</b></p>	<p>(Isuzu D-Max, TF)</p>
<p>  <b>Parameters</b></p>	<p>(Isuzu D-Max, TF)</p>
<p>  <b>Basic settings</b></p>	<p>(Isuzu D-Max, TF), (Isuzu D-Max, TF), (Isuzu D-Max, TF): Calibrating the camera ECU</p>

## Jaguar

<p>  <b>Trouble codes</b></p>	<p>(Jaguar E-Pace, X540), (Jaguar I-Pace, X590), (Jaguar S-Type, ), (Jaguar Sovereign, Daimler), (Jaguar XK, ), (Jaguar XK, X100)</p>
<p>  <b>Parameters</b></p>	<p>(Jaguar E-Pace, X540), (Jaguar I-Pace, X590), (Jaguar S-Type, ), (Jaguar Sovereign, Daimler), (Jaguar XK, ), (Jaguar XK, X100)</p>
<p>  <b>Actuators</b></p>	<p>(Jaguar S-Type, )</p>
<p>  <b>Codings</b></p>	<p>(Jaguar F-Pace, X761), (Jaguar XF, X260): Coding injectors</p> <p>(Jaguar S-Type, ): Registering the battery</p>
<p>  <b>Basic settings</b></p>	<p>(Jaguar E-Pace, X540): Filling/bleeding the cooling system, Replacing the particle filter, Bleeding the fuel system, Replace the throttle valve actuator, Resetting engine adaptation values</p> <p>(Jaguar F-Pace, DC): De/activating the parking brake service mode</p> <p>(Jaguar F-Pace, X761), (Jaguar XK, X150): Bleeding the brake system</p> <p>(Jaguar I-Pace, X590): Initializing the rain sensor, Calibrating the front camera, Learning the power windows, Calibrating the parking brake, De/activating the electric parking brake service mode</p> <p>(Jaguar S-Type, ): Resetting gearbox learning values, De/activating the parking brake service mode</p>

	(Jaguar XK, X100): Resetting gearbox learning values
<b>Service resets</b>	(Jaguar E-Pace, X540), (Jaguar I-Pace, X590), (Jaguar S-Type, ), (Jaguar XF, X260)
<b>DoIP/CAN-FD</b> Capable for diagnostics only with mega macs X	(Jaguar F-Pace, X761), (Jaguar E-Pace, X540), (Jaguar I-Pace, X590), (Jaguar F-Pace, DC)
<b>Kia</b>	
<b>Trouble codes</b>	(Kia Cee'd / Pro Cee'd, CD), (Kia Cee'd / Pro Cee'd, JD), (Kia EV6, CV), (Kia Niro, SG2), (Kia Optima, JF), (Kia Picanto, JA), (Kia Picanto, TA), (Kia Rio, YB), (Kia Sorento, MQ4), (Kia Sorento, XM), (Kia Soul, SK3 EV), (Kia Sportage, NQ5), (Kia Sportage, QL), (Kia Stinger, CK), (Kia Stonic, YB)
<b>Parameters</b>	(Kia Cee'd / Pro Cee'd, CD), (Kia Cee'd / Pro Cee'd, JD), (Kia Optima, JF), (Kia Picanto, JA), (Kia Picanto, TA), (Kia Rio, YB), (Kia Sorento, MQ4), (Kia Sorento, XM), (Kia Sportage, NQ5), (Kia Sportage, QL), (Kia Stinger, CK), (Kia Stonic, YB)
<b>Actuators</b>	(Kia Cee'd / Pro Cee'd, CD), (Kia Cee'd / Pro Cee'd, JD), (Kia Optima, JF), (Kia Picanto, JA), (Kia Picanto, TA), (Kia Rio, YB), (Kia Sorento, XM), (Kia Sportage, QL), (Kia Stinger, CK), (Kia Stonic, YB)
<b>Codings</b>	<p>(Kia Cee'd / Pro Cee'd, CD), (Kia Cee'd / Pro Cee'd, CD): Registering the rear radar sensor, Coding the power steering ECU, Coding the power steering, Coding the wheel valves, Initializing the radar unit of distance warning system, Coding the tire size</p> <p>(Kia Cee'd / Pro Cee'd, JD): Registering the rear radar sensor, Coding the wheel valves</p> <p>(Kia Optima, JF): Coding injectors, Coding the wheel valves</p> <p>(Kia Picanto, JA), (Kia Picanto, JA), (Kia Rio, YB), (Kia Rio, YB), (Kia Stonic, YB): Initializing the radar unit of distance warning system, Coding the tire size</p> <p>(Kia Sorento, MQ4): Replacing the front camera, Coding injectors, Coding the wheel valves, Initializing the radar unit of distance warning system, Coding the lane change assist</p> <p>(Kia Sorento, XM): Coding the wheel valves</p> <p>(Kia Sportage, QL): Coding the power steering, Coding the wheel valves, Initializing the radar unit of distance warning system</p> <p>(Kia Stinger, CK):</p>

## | Basic settings

Coding the wheel valves, Initializing the radar unit of distance warning system

(Kia Cee'd / Pro Cee'd, CD), (Kia Cee'd / Pro Cee'd, CD):  
Regenerating the soot particulate filter, Calibrating radar statically, Replacing the particle filter, Learning the steering-angle sensor, Adapting the longitudinal acceleration sensor, Standardizing the liftgate, Resetting gearbox learning values, Teach-in clutch system, Bleed transmission hydraulics, Calibrating the steering-angle sensor, Resetting engine adaptation values, Activation/reset of tyre-pressure loss warning indicator, De/activating the electric parking brake service mode, Bleeding the brake system, Configuring the lane change assist, Calibrating the camera ECU

(Kia Cee'd / Pro Cee'd, JD):  
Initializing the torque sensor, Resetting gearbox learning values, Teach-in clutch system, Resetting learned values of steering angle sensor, Resetting engine adaptation values, Calibrating the cornering light, Calibrate ASP, Bleeding the brake system, De/activating the parking brake service mode, Calibrating the camera ECU

(Kia Optima, JF):  
Calibrating radar statically, Initializing the EGR valve, Initializing the differential pressure sensor, Replacing the particle filter, Initializing the mass airflow sensor, Initializing the swirl control valve, Bleeding the ABS/ESC system, Adapting the longitudinal acceleration sensor, Learning the throttle valve, Adapting the accelerator sensor, Resetting gearbox learning values, Teach-in clutch system, Resetting adaptation values of ABS ECU, Learning the lambda sensor, Learning the steering-angle sensor, Resetting rail pressure, Parking brake maintenance work, Calibrating the camera ECU

(Kia Optima, JF), (Kia Sportage, QL):  
Bleeding the cooling system

(Kia Picanto, JA):  
Regenerating the soot particulate filter, Calibrating radar statically, Replacing the particle filter, Bleeding the ABS/ESC system, Adapting the longitudinal acceleration sensor, Learning the steering-angle sensor, Resetting engine adaptation values, Resetting the tire pressure monitoring, Initializing the brake-pressure sensor, Configuring the lane change assist, Calibrating the camera ECU

(Kia Picanto, TA):  
Resetting gearbox learning values, Resetting engine adaptation values, Bleeding the brake system

(Kia Rio, UB):  
Regenerating the soot particulate filter

(Kia Rio, YB), (Kia Rio, YB):  
Regenerating the soot particulate filter, Calibrating radar statically, Replacing the particle filter, Bleeding the ABS/ESC system, Adapting the longitudinal acceleration sensor, Resetting gearbox learning values, Resetting adaptation

values of ABS ECU, Calibrating the steering-angle sensor, Resetting engine adaptation values, Resetting the tire pressure monitoring, Calibrating the camera ECU

(Kia Sorento, MQ4):

Regenerating the soot particulate filter, Initializing the low pressure EGR valve, Initializing the diesel exhaust fluid pump module, Initializing the diesel exhaust fluid injector, Resetting transfer case adaptation values, Filling/bleeding the diesel exhaust fluid line, Adapting the diesel exhaust fluid tank, Calibrate radar dynamically, Resetting gear selector lever adaptation values, Learning the turbocharger, Initializing the differential pressure sensor, Replacing the particle filter, Initializing the mass airflow sensor, Bleeding the fuel system, Bleeding the ABS/ESC system, Adapting the longitudinal acceleration sensor, Learning the throttle valve, Gearbox bleeding, Adapting the accelerator sensor, Resetting gearbox learning values, Initializing the fuel high-pressure sensor, Standardizing the liftgate, Bleeding the cooling system, Learning the lambda sensor, Learning the steering-angle sensor, Resetting the start inhibitor of DEF injection system, De/activating the electric parking brake service mode, Bleeding the transfer case, Configuring the lane change assist, Calibrating the camera ECU, Initializing the high-pressure EGR valve

(Kia Sorento, XM):

Resetting throttle valve adaptation values, Regenerating the soot particulate filter, Replacing the particle filter, Bleeding the ABS hydraulic unit, Calibrating the front camera, Resetting the swirl flap adaptation values, Initializing the torque sensor, Initializing the EGR valve, Initializing the fuel high-pressure sensor, Calibrating the cornering light, Calibrate ASP

(Kia Sportage, NQ5):

Resetting the start inhibitor of DEF injection system

(Kia Sportage, QL):

Bleeding the fuel system, Bleeding the cooling system

(Kia Stinger, CK):

Regenerating the soot particulate filter, Replacing the particle filter, Learning the steering-angle sensor, Bleeding the ABS/ESC system, Adapting the longitudinal acceleration sensor, Gearbox bleeding, Resetting gearbox learning values, Resetting adaptation values of ABS ECU, Bleeding the cooling system, Learning the steering-angle sensor, Resetting engine adaptation values, De/activating the parking brake service mode, Calibrating the camera ECU

(Kia Stonic, YB):

Regenerating the soot particulate filter, Calibrating radar statically, Replacing the particle filter, Bleeding the ABS/ESC system, Adapting the longitudinal acceleration sensor, Resetting gearbox learning values, Learning the steering-angle sensor, Resetting engine adaptation values, Resetting the tire pressure monitoring, Configuring the lane change assist, Calibrating the camera ECU



<p><b>Service resets</b></p>	<p>(Kia Cee'd / Pro Cee'd, CD), (Kia Cee'd / Pro Cee'd, JD), (Kia Optima, JF), (Kia Picanto, JA), (Kia Rio, YB), (Kia Sorento, MQ4), (Kia Sportage, QL), (Kia Stinger, CK), (Kia Stonic, YB)</p>
<p><b>Test function</b></p>	<p>(Kia Sorento, XM)</p>
<p><b>Secured by Cyber Security Management (CSM) system</b> Capable for diagnostics only with Cyber Security Management</p>	<p>(Kia Cee'd / Pro Cee'd, CD), (Kia Sorento, MQ4), (Kia EV6, CV), (Kia Stinger, CK), (Kia Sportage, NQ5), (Kia Niro, SG2)</p>

## Land-Rover

<p><b>Trouble codes</b></p>	<p>(Land-Rover Discovery-V (L462), L462), (Land-Rover Range Rover Evoque-I, L551), (Land-Rover Range Rover Sport (L, L494)</p>
<p><b>Parameters</b></p>	<p>(Land-Rover Defender-III, LE663), (Land-Rover Range Rover Evoque-I, L551), (Land-Rover Range Rover Sport (L, L494), (Land-Rover Range Rover Velar, L560)</p>
<p><b>Actuators</b></p>	<p>(Land-Rover Range Rover Sport (L, L494)</p>
<p><b>Codings</b></p>	<p>(Land-Rover Range Rover Evoque-I, L551): Coding the tire pressure check</p> <p>(Land-Rover Range Rover Sport (L, L494): Registering the battery, Coding the tire pressure check</p>
<p><b>Basic settings</b></p>	<p>(Land-Rover Discovery Sport (L55, L550), (Land-Rover Range Rover Evoque-I, L538): Adapting the induction system</p> <p>(Land-Rover Discovery-V (L462), L462): Regenerating the soot particulate filter</p> <p>(Land-Rover Range Rover Evoque-I, L551): Calibrate radar dynamically, Learning the steering-angle sensor, Initializing the brake-pressure sensor, De/activating the parking brake service mode, Replace the throttle valve actuator</p> <p>(Land-Rover Range Rover Sport (L, L494): Initializing the rain sensor, Calibrating the front camera, Resetting throttle valve adaptation values, Resetting the particulate filter learning values, Initializing the power window front driver side, Adapting the turbine wheel shut-off valve, Bleeding the brake system, Adjusting the ride height, Initializing front passenger side power window, Resetting differential pressure sensor learning values</p> <p>(Land-Rover Range Rover Velar, L560): Calibrate radar dynamically, Replace the throttle valve actuator</p>

<p>  <b>Service resets</b></p>	<p>(Land-Rover Discovery Sport (L55, L550), (Land-Rover Discovery-V (L462), L462), (Land-Rover Range Rover Sport (L, L494), (Land-Rover Range Rover-IV (L405, L405)</p>
<p>  <b>DoIP/CAN-FD</b> Capable for diagnostics only with mega macs X</p>	<p>(Land-Rover Range Rover-IV (L405, L405), (Land-Rover Discovery-V (L462), L462), (Land-Rover Range Rover Velar, L560), (Land-Rover Range Rover Evoque-I, L551), (Land-Rover Range Rover Sport (L, L494), (Land-Rover Defender-III, LE663)</p>
<p><b>Lexus</b></p>	
<p>  <b>Trouble codes</b></p>	<p>(Lexus ES, AXZH10), (Lexus ES, AXZH10,AXZH11), (Lexus LC, URZ100)</p>
<p>  <b>Parameters</b></p>	<p>(Lexus ES, AXZH10), (Lexus ES, AXZH10,AXZH11), (Lexus LC, URZ100)</p>
<p>  <b>Actuators</b></p>	<p>(Lexus ES, AXZH10), (Lexus ES, AXZH10,AXZH11), (Lexus LC, URZ100)</p>
<p>  <b>Codings</b></p>	<p>(Lexus ES, AXZH10), (Lexus ES, AXZH10,AXZH11): Coding the comfort opening/closing system, Coding the wheel valves</p>
<p>  <b>Basic settings</b></p>	<p>(Lexus ES, AXZH10), (Lexus ES, AXZH10,AXZH11): Initializing the yaw rate sensor, Resetting adaptation values of ABS ECU, Initializing the A/C flap actuators, Adjusting the headlights, Calibrating the radar sensor, Deactivating the electronic stability control, Resetting catalyst adaptation values, Bleeding the brake system, Configuring the lane change assist, De/activating the parking brake service mode, Calibrating the camera ECU</p> <p>(Lexus LC, URZ100): Initializing the yaw rate sensor, Resetting adaptation values of ABS ECU, Initializing the A/C flap actuators, Adjusting the headlights, Calibrating the radar sensor, Deactivating the electronic stability control, Bleeding the brake system, Configuring the lane change assist, De/activating the parking brake service mode, Calibrating the camera ECU</p>
<p>  <b>DoIP/CAN-FD</b> Capable for diagnostics only with mega macs X</p>	<p>(Lexus ES, AXZH10,AXZH11), (Lexus ES, AXZH10)</p>

**Mazda**

<p>  <b>Trouble codes</b></p>	<p>(Mazda B-Series/Truck, TF), (Mazda CX-5, GH,KE)</p>
<p>  <b>Parameters</b></p>	<p>(Mazda B-Series/Truck, TF), (Mazda CX-5, GH,KE)</p>
<p>  <b>Codings</b></p>	<p>(Mazda CX-5, GH,KE):</p>

<p><b>Basic settings</b></p> <p><b>Service resets</b></p>	<p>Coding the traction control system, Coding injectors, Setting intervals for tire rotation, Coding the demanded tire pressure, Coding service due date, Activating/deactivating the service display</p> <p>(Mazda B-Series/Truck, TF): Calibrating the camera ECU</p> <p>(Mazda CX-5, GH,KE): Initializing the differential pressure sensor, Initializing the mass airflow sensor, Learning the steering-angle sensor, Initializing the lateral acceleration sensor, Adjusting the headlights, Resetting learned values of seat occupancy sensor</p> <p>(Mazda CX-60, KH): Regenerating the soot particulate filter, Resetting adaptation values of crankshaft pulley, Resetting mass airflow sensor adaptation values, Learning the throttle valve, Resetting learned values of injectors, De/activating the electric parking brake service mode, Adapting the injection quantity</p> <p>(Mazda CX-5, GH,KE)</p>
<p><b>Mercedes</b></p>	
<p><b>Trouble codes</b></p> <p><b>Parameters</b></p> <p><b>Actuators</b></p> <p><b>Codings</b></p>	<p>(Mercedes C-Klasse, 204202), (Mercedes CLE-Klasse, 236350), (Mercedes E-Klasse, 207457), (Mercedes EQE, 295153), (Mercedes EQE SUV, 294622), (Mercedes EQS SUV, 296623), (Mercedes Sprinter, 906631,906633,906635,906637), (Mercedes Sprinter, 906131,906133,906135,906231,906233,906235), (Mercedes Sprinter, 907721,907723), (Mercedes V-Klasse, 447601,447603,447605), (Mercedes V-Klasse, 448813)</p> <p>(Mercedes C-Klasse, 204202), (Mercedes Citan, 420753), (Mercedes CLE-Klasse, 236350), (Mercedes E-Klasse, 207457), (Mercedes EQE, 295153), (Mercedes EQE SUV, 294622), (Mercedes EQS SUV, 296643), (Mercedes Sprinter, 906631,906633,906635,906637), (Mercedes Sprinter, 906131,906133,906135,906231,906233,906235), (Mercedes Sprinter, 907721,907723), (Mercedes T-Klasse, 420853)</p> <p>(Mercedes C-Klasse, 204202), (Mercedes E-Klasse, 207457), (Mercedes Sprinter, 906631,906633,906635,906637), (Mercedes Sprinter, 906131,906133,906135,906231,906233,906235), (Mercedes Sprinter, 907721,907723)</p> <p>(Mercedes C-Klasse, 204202): Coding injectors, Coding the trailer detection, Coding the rain/light sensor of windshield</p> <p>(Mercedes E-Klasse, 207457): Coding the fuel quantity, Coding the parking assist</p>

## | Basic settings

(Mercedes Sprinter, 906631,906633,906635,906637),  
 (Mercedes Sprinter,  
 906131,906133,906135,906231,906233,906235):  
 Un-/locking the CD/DVD drive, Coding the trailer detection,  
 Coding injectors

(Mercedes Sprinter, 907721,907723):  
 Coding injectors, Coding the rain/light sensor

(Mercedes C-Klasse, 204202):  
 Initializing the fuel quantity adjuster, Resetting the fuel low pressure adaptation values, Initializing the panoramic roof, 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 manual transmission position sensor, Adapting the exhaust gas flap actuator, 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, Resetting learned values of the power window, Learning the power windows, Resetting high-pressure fuel pump adaptation values, Adjustment drive, automatic distance control, Activating the fuel pump, Adjusting the headlights, Learning the lambda sensor, Resetting learned values of steering angle sensor, Resetting the air filter adaptation values, Learning the steering-angle sensor, HFM drift compensation, Learning throttle valve stop, Resetting the quantity mean value adaptation, Adapting the pressure-regulating valve, Resetting the emergency braking counter, 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 Neck-Pro headrests, Resetting learned values of NOx sensor, Initializing the neutral position sensor, Resetting learned values of camshaft sensor, Initialising the boost pressure regulator, Initializing pre-programmed keys, Initialize tire pressure sensors, Calibrating the camera, Initializing the sunroof actuator, 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, Resetting the counter for xenon lamp operating hours, Calibrating the camera ECU, Initializing the high-pressure EGR valve, Resetting counter for synchronization loss of crankshaft/camshaft

(Mercedes CLE-Klasse, 236350):

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, 207457):

Learning the steering-angle sensor, Reset learned values, Activating the fuel pump, Learning throttle valve stop, Calibrating the camera ECU

(Mercedes EQE, 295153), (Mercedes EQS SUV, 296643):

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

(Mercedes EQE SUV, 294622):

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

(Mercedes Sprinter, 906631,906633,906635,906637),

(Mercedes Sprinter,

906131,906133,906135,906231,906233,906235):

Regenerating the soot particulate filter during driving, Initializing the mass airflow sensor, Learning the power windows, Gearbox adaptation, Performing engine adaptations, Adjusting the headlights, Learning the steering-angle sensor, Initializing lateral/longitudinal/rotation acceleration sensor, Initializing the rain/light sensor, Special bleeding, Calibrating the camera ECU

(Mercedes Sprinter, 907721,907723):

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, Learning 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,

	<p>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, 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</p>
<p><b>Service resets</b></p>	<p>(Mercedes C-Klasse, 204202), (Mercedes EQE SUV, 294622), (Mercedes Sprinter, 906631,906633,906635,906637), (Mercedes Sprinter, 906131,906133,906135,906231,906233,906235), (Mercedes Sprinter, 907721,907723)</p>
<p><b>DoIP/CAN-FD</b> Capable for diagnostics only with mega macs X</p>	<p>(Mercedes CLE-Klasse, 236350), (Mercedes CLE-Klasse, 236351), (Mercedes CLE-Klasse, 236347), (Mercedes CLE-Klasse, 236361), (Mercedes CLE-Klasse, 236304), (Mercedes EQS SUV, 296623), (Mercedes EQS SUV, 296644), (Mercedes EQS SUV, 296624), (Mercedes EQE SUV, 294622), (Mercedes EQE SUV, 294621), (Mercedes EQE SUV, 294612), (Mercedes EQE SUV, 294611), (Mercedes EQE SUV, 294632), (Mercedes EQE, 295153), (Mercedes EQS SUV, 296643)</p>
<p><b>Secured by Cyber Security Management (CSM) system</b> Capable for diagnostics only with Cyber Security Management</p>	<p>(Mercedes CLE-Klasse, 236350), (Mercedes CLE-Klasse, 236351), (Mercedes CLE-Klasse, 236347), (Mercedes CLE-Klasse, 236361), (Mercedes CLE-Klasse, 236304), (Mercedes Citan, 420753), (Mercedes Citan, 420663), (Mercedes Citan, 420713), (Mercedes Citan, 420623), (Mercedes Citan, 420633), (Mercedes T-Klasse, 420853), (Mercedes T-Klasse, 420823), (Mercedes T-Klasse, 420863), (Mercedes T-Klasse, 420833), (Mercedes EQS SUV, 296623), (Mercedes EQS SUV, 296644), (Mercedes EQS SUV, 296624), (Mercedes Citan, 420723), (Mercedes Citan, 420613), (Mercedes Citan, 420653), (Mercedes EQE, 295153), (Mercedes EQS SUV, 296643)</p>
<p><b>MG Motors</b></p>	
<p><b>Trouble codes</b></p>	<p>(MG Motors Marvel R, EP21), (MG Motors MG5, EP22-L), (MG Motors OBD Schnellstart, E-OBD), (MG Motors ZS, SZ), (MG Motors ZS, ZS1)</p>
<p><b>Parameters</b></p>	<p>(MG Motors MG5, EP22-L), (MG Motors OBD Schnellstart, E-OBD), (MG Motors ZS, SZ)</p>

<b>Codings</b>	<p>(MG Motors MG5, EP22-L): Coding the tire pressure sensor ID, Registering the battery</p> <p>(MG Motors ZS, SZ): Coding the tire pressure sensor ID</p>
<b>Basic settings</b>	<p>(MG Motors Marvel R, EP21), (MG Motors ZS, ZS1): Initializing the adaptive cruise control</p> <p>(MG Motors MG5, EP22-L): Initializing the adaptive cruise control, Bleeding the cooling system, Initializing the yaw rate sensor, Special bleeding, Parking brake maintenance work, Calibrating the camera ECU</p> <p>(MG Motors ZS, SZ): Initializing the yaw rate sensor, Special bleeding, Calibrating the camera ECU</p>

## Opel/Vauxhall

<b>Trouble codes</b>	<p>(Opel/Vauxhall Astra-H, A-H), (Opel/Vauxhall Astra-J, P10), (Opel/Vauxhall Combo-E, X19), (Opel/Vauxhall Grandland, Z), (Opel/Vauxhall Meriva-A, X 01), (Opel/Vauxhall Mokka-B, U), (Opel/Vauxhall Vivaro-C, K0), (Opel/Vauxhall Zafira-Life, K0)</p>
<b>Parameters</b>	<p>(Opel/Vauxhall Astra-H, A-H), (Opel/Vauxhall Astra-J, P10), (Opel/Vauxhall Combo-E, X19), (Opel/Vauxhall Grandland, Z), (Opel/Vauxhall Mokka-B, U), (Opel/Vauxhall Vivaro-C, K0), (Opel/Vauxhall Zafira-Life, K0)</p>
<b>Actuators</b>	<p>(Opel/Vauxhall Astra-H, A-H), (Opel/Vauxhall Astra-J, P10), (Opel/Vauxhall Combo-E, X19), (Opel/Vauxhall Grandland, Z), (Opel/Vauxhall Mokka-B, U), (Opel/Vauxhall Vivaro-C, K0), (Opel/Vauxhall Zafira-Life, K0)</p>
<b>Codings</b>	<p>(Opel/Vauxhall Astra-H, A04): Coding the trailer hitch, Synchronisation of the remote control, Coding injectors, Coding the idle rpm, Coding the keys</p> <p>(Opel/Vauxhall Astra-J, P10): Coding injectors</p> <p>(Opel/Vauxhall Combo-E, K9): Coding the trailer hitch</p> <p>(Opel/Vauxhall Grandland, Z): Coding the power operated tailgate module, Coding the trailer hitch, Registering the battery, Coding the remote control, Coding injectors, Coding the keys, Deactivating/activating the transport mode</p> <p>(Opel/Vauxhall Meriva-B, S-D), (Opel/Vauxhall Omega-B, V94), (Opel/Vauxhall Tigra-B, X04), (Opel/Vauxhall Zafira-B, A05): Coding the idle rpm</p>

**Basic settings**

(Opel/Vauxhall Astra-H, A-H):

Resetting mass airflow sensor adaptation values, Resetting the particulate filter learning values, Initializing the A/C flap actuators, Learning the lambda sensor, Adjusting the xenon headlight, Resetting rail pressure, Resetting differential pressure sensor learning values, Regenerating the soot particulate filter, Initializing the high-pressure fuel pump, Calibrate steering-angle sensor/sensor group

(Opel/Vauxhall Astra-J, P10):

Regenerating the soot particulate filter, Initialize minimum quantity deviation of the injectors, Resetting adaptation values of idle airflow rate, Learning the turbocharger, Calibrating the tire pressure monitoring system, Calibrating the front camera, Learning the power windows, Learning the brake pedal position, Initializing the yaw rate sensor, Reset yaw rate sensor learning values, Resetting the steering limit stops, Learning the steering limit stops, Initializing the air distribution flaps, Initializing the crankshaft position, Learning the lambda sensor, Learning the steering-angle sensor, Resetting learned values of steering angle sensor, Learning the headlight-levelling sensor, Resetting engine adaptation values, Resetting catalyst adaptation values, Initializing the neutral position sensor, Resetting differential pressure sensor learning values, Resetting the soot particulate filter, Calibrating the parking brake, Initializing the exhaust temperature sensor, Replacing the lean NOx catalyst, Teach-in battery sensor module, Initializing the adaptive cruise control

(Opel/Vauxhall Astra-K, B16):

Initializing the fuel pump, Resetting learned values of the induction system, Resetting adaptation values of idle airflow rate, Resetting data of excessive clutch slip, Initializing the electric coolant pump, Initializing the coolant valve, Initializing the coolant control valve, Initializing the brake-pedal travel sensor, Resetting adaptation values of fuel high-pressure sensor, Initializing the coolant valve of cylinder block, 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, Resetting the particulate filter learning values, Resetting the mixture adjustment, Initializing the gear sensor, Learning low injection quantity, Learning the lambda sensor heater, Initializing the crankshaft position, Learning the lambda sensor, Reset fuel pump learning values, Resetting oxygen sensor adaptation values, Learning the idle, Initializing the neutral position sensor, Resetting learned values of throttle valve actuator, Resetting differential pressure sensor learning values, Initializing the boost pressure regulator, 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 low injection quantity, Resetting the outside temperature sensor

(Opel/Vauxhall Astra-L, F):



Initializing the crankshaft sensor, Resetting the clutch counter

(Opel/Vauxhall Combo-E, K9):

Regenerating the soot particulate filter, Initializing the rotor position sensor, Draining the cooling system, Filling the cooling system, Performing basic setting of high-voltage battery module, Filling the regeneration additive container, Replacing the regeneration additive container, Replacing the particle filter, Bleeding the regeneration additive pump/line, Calibrating the front camera, Initializing the rotation rate/acceleration sensor, De/activating the parking brake service mode, Learning the N position of gearbox, Emptying/filling the diesel exhaust fluid tank, Regenerating the DeNOx catalyst, Learning the turbocharger, Initializing the fuel level, Bleeding the cooling system, Learning the steering-angle sensor, Leaving the ECO mode, Calibrating the parking brake, Activating the start/stop function, Cleaning EGR valve, Replacing engine parts

(Opel/Vauxhall Grandland, Z):

Reconnecting the battery, Replace the battery., Regenerating the soot particulate filter, Initializing the air distribution flap actuator, Initialize starter, Adapting the clutch assembly, Initializing the crankshaft sensor, Initializing the night vision camera ECU, Resetting the misfire counter, Deactivating the torque limitation, Resetting the knock counter, Reactivating the emergency brake assistant, Resetting the clutch counter, Replacing the oil pump, Performing basic setting of high-voltage battery module, Bleeding the ABS/ESC system, Regenerating the soot particulate filter at standstill, Learning the turbocharger, Initializing the differential pressure sensor, Filling the regeneration additive container, Replacing the particle filter, Initialising adaptive functions, Locking the airbag ECU, Unlocking the airbag ECU, Initializing the variable valve lift, Adapting the longitudinal acceleration sensor, Learning the throttle valve, Replace auxiliary drive belt, Replacing the exhaust manifold, Replace cylinder head, Adapting the accelerator sensor, Emptying/filling the diesel exhaust fluid tank, Regenerating the DeNOx catalyst, Adapting the turbine wheel shut-off valve, Initializing the fuel level, Resetting headlight leveling adaptation values, Adapting the radiator shutter, Bleeding the cooling system, Learning the steering-angle sensor, Leaving the ECO mode, Calibrating the night vision assist, Cleaning/replacing the soot particulate filter, Calibrating the radar sensor, Initializing the rain/light sensor, Learning the flywheel, Activating the start/stop function, Replacing the lean NOx catalyst, Cleaning EGR valve, Calibrating the camera ECU, Replacing engine parts, Replace brake parts, Initializing the alternator

(Opel/Vauxhall Insignia-B, Z18):

Initializing NOx sensors upon replacement, Resetting learned values of NOx sensors, Initializing the neutral position sensor, Resetting exhaust-gas temperature sensor adaptation values of soot particulate filter

(Opel/Vauxhall Meriva-B, S-D):

<p><b>Service resets</b></p>	<p>Resetting oxygen sensor heater adaptation values, Resetting learned values of the induction system, Learning the throttle valve, Adapting the accelerator sensor, Initializing the crankshaft position, Resetting the mixture adjustment, Resetting learned values of throttle valve at idle, Initializing the clutch pedal position</p> <p>(Opel/Vauxhall Mokka, J13): Initializing NOx sensors upon replacement, Resetting learned values of NOx sensors</p> <p>(Opel/Vauxhall Movano-A, X70): Regenerating the soot particulate filter, Resetting EGR valve learning values</p> <p>(Opel/Vauxhall Astra-H, A-H), (Opel/Vauxhall Astra-J, P10), (Opel/Vauxhall Combo-E, X19), (Opel/Vauxhall Grandland, Z)</p>
<p><b>Peugeot</b></p>	
<p><b>Trouble codes</b></p>	<p>(Peugeot 107, P), (Peugeot 208, U), (Peugeot 3008, M), (Peugeot 5008, M)</p>
<p><b>Parameters</b></p>	<p>(Peugeot 107, P), (Peugeot 208, U), (Peugeot 3008, M), (Peugeot 5008, M)</p>
<p><b>Actuators</b></p>	<p>(Peugeot 208, U), (Peugeot 3008, M), (Peugeot 5008, M)</p>
<p><b>Codings</b></p>	<p>(Peugeot 107, P): Adding new keys/senders, Deleting + recoding all senders/keys, Detecting the amount of senders/keys, Deleting all senders/keys</p> <p>(Peugeot 208, U): Coding the keys, Deactivating/activating the transport mode</p>

| **Basic settings**

(Peugeot 107, P):  
Learning the steering-angle sensor, Learning the throttle valve, Initializing the torque sensor, Replacing transmission components

(Peugeot 208, U):  
Reactivating the emergency brake assistant, Resetting the counter of fragrance cartridge block, 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, Locking the airbag ECU, Unlocking the airbag ECU, Adapting the longitudinal acceleration sensor, Resetting headlight leveling adaptation values, Bleeding the cooling system, Initializing the A/C flap actuators, Learning the steering-angle sensor, Leaving the ECO mode, Initializing the rain/light sensor, Calibrating the camera ECU, Replace brake parts

(Peugeot 3008, M), (Peugeot 308, L), (Peugeot 5008, M), (Peugeot 508, F):  
Regenerating the soot particulate filter, Initializing the crankshaft sensor

(Peugeot 308, 4), (Peugeot Expert-IV, V), (Peugeot Traveller, V):  
Regenerating the soot particulate filter

| **Service resets**

(Peugeot 208, U)

**Porsche**

| **Trouble codes**

(Porsche 911 (991), 991), (Porsche Panamera (970), 970)

| **Parameters**

(Porsche 911 (991), 991), (Porsche Panamera (970), 970)

| **Actuators**

(Porsche 911 (991), 991), (Porsche Panamera (970), 970)

| **Codings**

(Porsche 911 (991), 991), (Porsche Panamera (970), 970):  
Coding the parking brake ECU, Registering the battery

| **Basic settings**

(Porsche 911 (991), 991):  
 Adapting the radiator shutter 1, Adapting the radiator shutter 2, Bleeding the fuel system, Learning 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, Resetting engine adaptation values, Calibrating the parking brake, Calibrating the camera ECU, Performing the parking brake bedding-in drive

(Porsche Panamera (970), 970):  
 Learning 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

| **Service resets**

(Porsche 911 (991), 991), (Porsche Panamera (970), 970)

## Renault

| **Trouble codes**

(Renault Clio-IV, R), (Renault Kangoo-III, RFK), (Renault Megane e-Tech Electr, BNJ2), (Renault Megane-III, BZ01)

| **Parameters**

(Renault Clio-IV, R), (Renault Kangoo-III, KJAC), (Renault Megane e-Tech Electr, BNJ2), (Renault Megane-III, BZ01)

| **Actuators**

(Renault Clio-IV, R), (Renault Megane-III, BZ01)

| **Codings**

(Renault Clio-IV, R):  
 Airbag ECU locking/unlocking , Coding instrument cluster units, Coding the language version, Coding the tire size

(Renault Kangoo-III, KJAC):  
 Airbag ECU locking/unlocking , Adapting the trailer hitch to advanced driver assistance systems, Code trailer stability program, Coding the language version, Coding the tire size

(Renault Megane-III, BZ01):  
 Airbag ECU locking/unlocking , Registering the battery, Coding the wheel sets (summer/winter), Coding the language version, Coding the wheel valves

| **Basic settings**

(Renault Clio-IV, R):  
 Learning throttle valve stop, Bleeding the ABS hydraulic unit, Resetting the mixture adjustment, Learning the lambda sensor, Resetting learned values of steering angle sensor, Learning the steering-angle sensor, Initializing the starter ring gear, Adapting the variable camshaft timing

(Renault Kangoo-III, KJAC):  
 Resetting the start counter, Calibrate radar dynamically, Calibrating the radar sensor RL dynamically, Calibrating the radar sensor RR dynamically, Bleeding the ABS hydraulic unit, Learning the steering-angle sensor, Resetting high-

<p><b>Service resets</b></p> <p><b>Secured by Cyber Security Management (CSM) system</b> Capable for diagnostics only with Cyber Security Management</p>	<p>pressure fuel pump adaptation values, Resetting learned values of steering angle sensor, De/activating the electric parking brake service mode, Calibrating the camera ECU</p> <p>(Renault Megane e-Tech Electr, BNJ2): Calibrate radar dynamically, Calibrating the camera ECU</p> <p>(Renault Megane-III, BZ01): Learning throttle valve stop, Adapting the clutch assembly, Bleeding the ABS hydraulic unit, Resetting gearbox learning values, Initializing the lateral acceleration sensor, Resetting the mixture adjustment, Self-adaptation of A/C system, Resetting learned values of steering angle sensor, Learning the steering-angle sensor, Initializing the rain/light sensor, Learning the flywheel, Initializing the ride height sensor, De/activating the parking brake service mode, Calibrating the camera ECU</p> <p>(Renault Clio-IV, R), (Renault Megane-III, BZ01)</p> <p>(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 Megane e-Tech Electr, BNJ2), (Renault Megane e-Tech Electr, BNJ1), (Renault Kangoo-III, KJAC)</p>
<h2>Seat</h2>	
<p><b>Basic settings</b></p> <p><b>Test function</b></p> <p><b>Secured by Cyber Security Management (CSM) system</b> Capable for diagnostics only with Cyber Security Management</p>	<p>(Seat Alhambra, 71): Initializing the EGR valve</p> <p>(Seat Ibiza, KJ): Bleeding the fuel system, Bleeding the cooling system</p> <p>(Seat Tarraco, KN): Changing and checking DCT fluid</p> <p>(Seat Alhambra, 71), (Seat Altea, 5P), (Seat Arona, KJ), (Seat Ateca, KH), (Seat Exeo, 3R), (Seat Ibiza, 6J), (Seat Ibiza, KJ), (Seat Leon, 1P), (Seat Leon, 5F), (Seat Leon, KL), (Seat Tarraco, KN), (Seat Toledo, 5P), (Seat Toledo, KG)</p> <p>(Seat Leon, KL)</p>
<h2>Skoda</h2>	
<p><b>Trouble codes</b></p> <p><b>Parameters</b></p>	<p>(Skoda Fabia, NJ), (Skoda Octavia, NX)</p> <p>(Skoda Fabia, NJ), (Skoda Octavia, NX)</p>

| **Actuators**

(Skoda Fabia, NJ), (Skoda Octavia, NX)

| **Codings**

(Skoda Fabia, NJ):

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, De-/activating the cruise 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

(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

| **Basic settings**

(Skoda Fabia, NJ):

Regenerating the soot particulate filter, Adapting oil pressure for engine run-in, Initializing the EGR valve, Bleeding the fuel system, Resetting the impact mode, Adapting the soot particulate filter, Learning the throttle valve, Initializing the ESC sensors, Performing transmission adaptations, Reducing fuel high pressure, Performing engine adaptations, Initializing the adaptive cruise control, Resetting fuel system adaptation values, Bleeding the cooling system, Initializing the A/C flap actuators, Adjusting the headlights, Learning the steering-angle sensor, Resetting oxygen sensor adaptation values, Resetting engine adaptation values, Initializing the neutral position sensor, Initialising the boost pressure regulator, Special bleeding, Learning the turbocharger, Resetting the swirl flap adaptation values, Performing the initial run-in of the air conditioning compressor, Initializing the alternator

(Skoda Fabia, PJ):

Bleeding the fuel system, Bleeding the cooling system

(Skoda Octavia, NX):

Filling fuel lines of parking heater/auxiliary heater, Initializing electric seats, Changing the drive type, Performing basic settings of emergency call system/telematics system, Learning the steering-angle sensor, Initializing the brake-pressure sensor, Bleeding the fuel system, Resetting the impact mode, Learning the throttle valve, Initializing the adaptive cruise control, Initializing the ESC sensors, Adapting the fuel burning heater remote control, Standardizing the liftgate, Bleeding the cooling system, Initializing the A/C flap actuators, Adjusting the headlights, Initializing the tilt/slide sunroof, Activating the roller test stand mode, Special bleeding, Changing and checking DCT fluid, 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
<b>Service resets</b>	(Skoda Superb, 3V): Changing and checking DCT fluid
<b>Test function</b>	(Skoda Yeti, 5L): Resetting learned values of DEF injection system, Resetting the warning message of DEF injection system
<b>Secured by Cyber Security Management (CSM) system</b>	(Skoda Fabia, NJ), (Skoda Octavia, NX)
Capable for diagnostics only with Cyber Security Management	(Skoda Fabia, 54), (Skoda Fabia, NJ), (Skoda Kamiq, NW), (Skoda Karoq, NU), (Skoda Kodiaq, NS), (Skoda Octavia, 1Z), (Skoda Octavia, 5E), (Skoda Octavia, NX), (Skoda Rapid, NH), (Skoda Roomster, 5J), (Skoda Scala, NW), (Skoda Superb, 3T), (Skoda Superb, 3V), (Skoda Yeti, 5L)
	(Skoda Octavia, NX)

## Subaru

<b>Trouble codes</b>	(Subaru Forester, ), (Subaru Impreza, GE), (Subaru Justy, ), (Subaru Legacy/Outback, BL/BPS), (Subaru Solterra, EAM1S), (Subaru XV, G33)
<b>Parameters</b>	(Subaru Forester, ), (Subaru Impreza, GE), (Subaru Justy, ), (Subaru Legacy/Outback, BL/BPS), (Subaru Solterra, EAM1S), (Subaru XV, G33)
<b>Actuators</b>	(Subaru Forester, SK), (Subaru Impreza, GP), (Subaru Legacy/Outback, BM), (Subaru Solterra, EAM1S), (Subaru XV, G33)
<b>Codings</b>	(Subaru Solterra, EAM1S): Coding the tire pressure check  (Subaru XV, ): Coding injectors

| **Basic settings**

(Subaru Forester, SK):  
Learning the steering-angle sensor, Initializing the air distribution flaps, Initializing the rain/light sensor, Resetting starter learning values, De/activating the parking brake service mode, Calibrating the camera ECU

(Subaru Impreza, GP):  
Initializing the air distribution flaps, Initializing the rain/light sensor, De/activating the parking brake service mode, Calibrating the camera ECU

(Subaru Legacy/Outback, BM):  
Learning the steering-angle sensor, Initializing the rain/light sensor, Resetting starter learning values, Initialize acceleration sensor, De/activating the parking brake service mode

(Subaru Solterra, EAM1S):  
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, Calibrating the radar sensor, Configuring the lane change assist, Calibrating the camera ECU

(Subaru XV, G33):  
Regenerating the soot particulate filter, Initializing the soot particulate filter upon replacement, Initializing the EGR valve, Learning the turbocharger, Learning the steering-angle sensor, Initializing the rain/light sensor, Initializing the high-pressure fuel pump, Resetting starter learning values, Adapting the injection quantity

| **Service resets**

(Subaru XV, )

## Suzuki

| **Trouble codes**

(Suzuki Vitara, LY)

| **Parameters**

(Suzuki Vitara, LY)

| **Actuators**

(Suzuki Vitara, LY)

| **Basic settings**

(Suzuki Vitara, LY):  
Calibrating the camera ECU

## Tesla

| **Trouble codes**

(Tesla Model S, 002)

| **Parameters**

(Tesla Model S, 002)



| **Basic settings**

(Tesla Model S, 002):  
 Draining/filling the refrigerant circuit, Draining/filling the cooling system, Initializing the charging socket cover flap, Initializing the locking actuator of high-voltage charging cable plug, Unlocking the airbag ECU, Bleeding the cooling system, Resetting learned values of steering angle sensor, Special bleeding, De/activating the parking brake service mode, Performing the parking brake bedding-in drive

| **Test function**

(Tesla Model S, 002)

## Toyota

| **Trouble codes**

(Toyota bZ4X, ), (Toyota Corolla, MZEH19), (Toyota Prius, MXWH61), (Toyota Yaris, NSP90)

| **Parameters**

(Toyota Corolla, MZEH19), (Toyota Prius, MXWH61), (Toyota Yaris, NSP90)

| **Actuators**

(Toyota Corolla, MZEH19), (Toyota Prius, MXWH61)

## Codings

(Toyota Corolla, MXGH10,MXGH12), (Toyota Corolla, MXGH15), (Toyota Corolla, MZEH19), (Toyota Prius, MXWH61):

Coding the tire pressure check

(Toyota Land Cruiser, KDJ120), (Toyota Land Cruiser, KDJ120,KDJ125), (Toyota Land Cruiser, KDJ150,J15TM), (Toyota Land Cruiser, KDJ155), (Toyota Land Cruiser, KLH18L,KLH28L):

Coding injectors

## Basic settings

(Toyota Camry, GSV70), (Toyota Corolla, MXGH10,MXGH12), (Toyota Corolla, MXGH15), (Toyota Highlander, AXUH78), (Toyota RAV 4, AXAP54), (Toyota Yaris, KSP211), (Toyota Yaris, MXPA11), (Toyota Yaris, MXPB10), (Toyota Yaris, MXPB10,MXPH11), (Toyota Yaris, MXPJ10), (Toyota Yaris, MXPJ15):

Resetting parking brake adaptation values

(Toyota Corolla, MZEH19):

Regenerating the soot particulate filter, Resetting parking brake adaptation values, Resetting the particulate filter learning values, 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), Bleeding the brake system, Configuring the lane change assist, Calibrating the camera ECU

(Toyota Hilux, GUN1), (Toyota Hilux, GUN126), (Toyota Hilux, GUN136,GUN156):

Regenerating the soot particulate filter, Initializing the crankshaft sensor, Resetting the particulate filter learning values, Initializing the yaw rate sensor, Resetting learned values of injectors, After particulate filter replacement, Bleeding the brake system

(Toyota Hilux, KUN15), (Toyota Hilux, KUN25), (Toyota Hilux, KUN35), (Toyota Land Cruiser, KDJ120), (Toyota Land Cruiser, KDJ120,KDJ125), (Toyota Land Cruiser, KDJ150, J15TM):

Resetting the particulate filter learning values

(Toyota Hilux, KUN26), (Toyota Hilux, N25T):

Resetting the particulate filter learning values, Pre-injection quantity delete function

(Toyota Land Cruiser, KDJ155), (Toyota Land Cruiser, KLH18L,KLH28L):

Regenerating the soot particulate filter, Resetting the particulate filter learning values, Adaptation/deletion function of pre-injection quantities, Pre-injection quantity delete function

(Toyota Prius, MXWH61):

Regenerating the soot particulate filter, Resetting parking brake adaptation values, Initializing the cross traffic assist front, Resetting the particulate filter learning values, 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), Bleeding the brake system, Configuring the lane change assist, Calibrating the camera ECU

(Toyota Yaris, NLP90), (Toyota Yaris, NSP90):  
Gearbox bleeding, Replacing transmission components

## Volkswagen

### Trouble codes

(Volkswagen Caddy, SA), (Volkswagen Golf3, 1H), (Volkswagen Golf6, 5K), (Volkswagen Golf6, AJ), (Volkswagen Golf8, CG), (Volkswagen ID.Buzz, EB), (Volkswagen Polo, 6R), (Volkswagen Polo, 9N), (Volkswagen Tiguan, AX), (Volkswagen Touareg, 7P), (Volkswagen Transporter, 7H), (Volkswagen Transporter, 7J), (Volkswagen Transporter, SF), (Volkswagen Transporter, SG), (Volkswagen Transporter, SH), (Volkswagen Transporter, SJ)

### Parameters

(Volkswagen Caddy, SA), (Volkswagen Golf3, 1H), (Volkswagen Golf6, 5K), (Volkswagen Golf6, AJ), (Volkswagen Golf8, CG), (Volkswagen Polo, 6R), (Volkswagen Polo, 9N), (Volkswagen Tiguan, AX), (Volkswagen Touareg, 7P), (Volkswagen Transporter, 7H), (Volkswagen Transporter, 7J), (Volkswagen Transporter, SF), (Volkswagen Transporter, SG), (Volkswagen Transporter, SH), (Volkswagen Transporter, SJ)

### Actuators

(Volkswagen Caddy, SA), (Volkswagen Golf3, 1H), (Volkswagen Golf6, 5K), (Volkswagen Golf6, AJ), (Volkswagen Golf8, CG), (Volkswagen Polo, 6R), (Volkswagen Polo, 9N), (Volkswagen Tiguan, AX), (Volkswagen Touareg, 7P), (Volkswagen Transporter, 7H), (Volkswagen Transporter, 7J), (Volkswagen Transporter, SF), (Volkswagen Transporter, SG), (Volkswagen Transporter, SH), (Volkswagen Transporter, SJ)

### 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 Golf3, 1H):  
Coding the keys, Adapting immobiliser to engine ECU

(Volkswagen Golf5, 1K):

#### Coding the engine ECU

(Volkswagen Golf6, 5K), (Volkswagen Golf6, AJ):

De/activating the trailer hitch, Expert mode ECU coding, General ECU replacement, Deactivating the alternating park position of wipers, 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 injectors, 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 Golf8, CG):

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

(Volkswagen Polo, 6R):

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, De-/activating the cruise 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 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, Coding the keys, Variable service interval coding, Coding the central comfort module, Adapting immobiliser to engine ECU

(Volkswagen Tiguan, AX):

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 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 Touareg, 7P):

Coding the trailer hitch, Expert mode ECU coding, General ECU replacement, Coding the parking brake ECU, Registering the battery, Adjust parking assistance volume, Coding the trailer detection, Coding injectors, EJECT button un/locking, Coding the rear camera system, Coding the rain/

## | Basic settings

light sensor, Coding the fuel burning heater, Coding the lane change assist, Deactivating/activating the transport mode, Coding the gateway installation list

(Volkswagen Transporter, 7H), (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 Transporter, SF), (Volkswagen Transporter, SG):

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 language version of instrument cluster, Deactivating/activating the transport mode, Coding the gateway installation list

(Volkswagen Transporter, SH), (Volkswagen Transporter, SJ):

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

(Volkswagen Amarok, S6/S7):

Resetting learned values of DEF injection system, Resetting the warning message of DEF injection system

(Volkswagen Arteon, 3H):

Changing and checking DCT fluid

(Volkswagen Caddy, SA):

Regenerating the soot particulate filter, Adapting oil pressure for engine run-in, Initialize minimum quantity deviation of the injectors, Initializing the 4WD clutch oil pump, Resetting learned values of DEF injection system, Changing the drive type, Activating the central locking system, Performing service work on gas system, Learning the turbocharger, Initializing the EGR valve, Initializing the brake-pressure sensor, Bleeding the fuel system, Adapting the soot particulate filter, Learning 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, Reducing fuel high pressure, Performing engine adaptations, Resetting fuel system adaptation values, Bleeding the cooling system,

Initializing the A/C flap actuators, Adjusting the headlights, Learning the steering-angle sensor, Resetting oxygen sensor adaptation values, Resetting engine adaptation values, Initializing the neutral position sensor, Checking the transmission fluid level, Initialising the boost pressure regulator, Special bleeding, Learning the turbocharger, 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, Adjust waste gate valve, Unlocking aux. heater/independent car heater

(Volkswagen Golf3, 1H):

Learning the throttle valve, Adjusting ignition distributor

(Volkswagen Golf5, 1K):

Activating the central locking system, Learning the steering-angle sensor

(Volkswagen Golf6, 5K):

Regenerating the soot particulate filter, Activating the central locking system, Resetting gen. ECU learning values, Learning the turbocharger, Initializing the EGR valve, Checking the ash buildup of soot particulate filter, Calibrating the tire pressure monitoring system, Initializing the brake-pressure sensor, Bleeding the fuel system, Adapting the soot particulate filter, Learning the throttle valve, 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, Adapting the electronic climate control, Initializing the A/C flap actuators, Adjusting the xenon headlight, Learning the steering-angle sensor, Initializing the tilt/slide sunroof, Checking the transmission fluid level, Initializing the lateral acceleration sensor, Activating the roller test stand mode, Special bleeding, Performing the initial run-in of the air conditioning compressor, Adapting the electronic damper control, Adapting the aux. heater, Burning off aux. heater/independent car heater, Unlocking aux. heater/independent car heater

(Volkswagen Golf6, AJ):

Regenerating the soot particulate filter, Initialize minimum quantity deviation of the injectors, 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, Bleeding the fuel system, Adapting the soot particulate filter, Learning the throttle valve, 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 xenon headlight, Learning the steering-angle sensor, Initializing the tilt/slide sunroof, Checking the transmission fluid level, Initializing the lateral acceleration sensor, Activating the roller test stand mode, Special bleeding, Learning the turbocharger, Performing the initial run-in of the air conditioning compressor, Adapting the

electronic damper control, Adapting the aux. heater, Burning off aux. heater/independent car heater, Unlocking aux. heater/independent car heater

(Volkswagen Golf7, BE):

Performing maintenance work on the refrigerant circuit

(Volkswagen Golf8, CG):

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, Learning the steering-angle sensor, Initializing the brake-pressure sensor, Resetting the impact mode, Adapting the soot particulate filter, Learning the throttle valve, Initializing the adaptive cruise control, Initializing the ESC sensors, Adapting the fuel burning heater remote control, Performing transmission adaptations, Reducing fuel high pressure, Standardizing the liftgate, Initializing the A/C flap actuators, Adjusting the headlights, Resetting engine adaptation values, 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, Resetting timing chain adaptation values

(Volkswagen Polo, 6R):

Adapting oil pressure for engine run-in, Resetting the impact mode, Learning the throttle valve, Initializing the ESC sensors, Performing transmission adaptations, Initializing the adaptive cruise control, Initializing the A/C flap actuators, Learning the steering-angle sensor, Initializing the neutral position sensor, Resetting learned values of injectors, Initialising the boost pressure regulator, Special bleeding, Performing the initial run-in of the air conditioning compressor, Adjust headlight with/without dynamic light control (DLA), Initializing the alternator

(Volkswagen Polo, 9N):

Initializing the brake-pressure sensor, Learning the steering-angle sensor, Learning the throttle valve, Adapting the electronic climate control, Adapting the longitudinal acceleration sensor, Resetting the engine ECU learning values (SIMOS), Initializing the lateral acceleration sensor, Special bleeding

(Volkswagen Polo, AE), (Volkswagen Polo, AW),

(Volkswagen up!, 12):

Bleeding the fuel system, Bleeding the cooling system

(Volkswagen Tiguan, AX):

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, Checking and resetting wear values of AWD clutch fluid, Performing basic settings of emergency call system/telematics system, Initializing the brake-

pressure sensor, Learning 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, Changing and checking DCT fluid, 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, Initializing the alternator

(Volkswagen Touareg, 7P):

Regenerating the soot particulate filter, Resetting the warning message of diesel exhaust fluid level, Locking/unlocking the ride height leveling, Resetting learned values of DEF injection system, Resetting gen. ECU learning values, Initializing the EGR valve, Learning the steering-angle sensor, Bleeding the fuel system, Adapting the soot particulate filter, Learning the throttle valve, Adjust clearance of parking brake, Actuating the installation/removal position of the parking brake, Adapting the fuel burning heater remote control, Filling/bleeding the pneumatic suspension system, Adapting the exhaust gas pressure sensor, Resetting gearbox learning values, Resetting the diesel exhaust fluid level, Standardizing the liftgate, Initializing the adaptive cruise control, Resetting fuel system adaptation values, Adapting the electronic climate control, Resetting the start inhibitor of DEF injection system, Adapting the normal position of ride-height levelling, Initializing the tilt/slide sunroof, Calibrating the parking brake, Configuring the lane change assist, Calibrating the camera ECU, Adjust headlight with/without dynamic light control (DLA), Adapting the DEF injection system, Burning off aux. heater/independent car heater, Unlocking aux. heater/independent car heater

(Volkswagen Transporter, 7H), (Volkswagen Transporter, 7J):

Activating the central locking system, Initializing the EGR valve, Initializing the brake-pressure sensor, Learning the throttle valve, Adapting the fuel burning heater remote control, Initializing the transmission ECU, Service position of air conditioning actuators, Adapting the electronic climate control, Adapting the longitudinal acceleration sensor, Learning the steering-angle sensor, Initializing the lateral acceleration sensor, Special bleeding, Burning off aux. heater/independent car heater, Unlocking aux. heater/independent car heater

(Volkswagen Transporter, SF):



Regenerating the soot particulate filter, Adapting oil pressure for engine run-in, Initializing the oxidation catalyst, Initializing the 4WD clutch oil pump, Resetting the warning message of DEF injection system, Learning the turbocharger, Initializing the EGR valve, Initializing the brake-pressure sensor, Learning the steering-angle sensor, Bleeding the fuel system, Adapting the soot particulate filter, Learning the throttle valve, Initializing the ESC sensors, Adapting the fuel burning heater remote control, Initializing the transmission ECU, Standardizing the liftgate, Initializing the adaptive cruise control, Bleeding the cooling system, Adapting the electronic climate control, Adjusting the headlights, Resetting engine adaptation values, Initializing the sliding door, Performing the initial run-in of the air conditioning compressor, Adapting the electronic damper control, Configuring the lane change assist, Adapting the DEF injection system, Burning off aux. heater/independent car heater, Unlocking aux. heater/independent car heater

(Volkswagen Transporter, SG):

Initializing the 4WD clutch oil pump, Learning the turbocharger, Initializing the EGR valve, Checking the ash buildup of soot particulate filter, Initializing the brake-pressure sensor, Learning the steering-angle sensor, Bleeding the fuel system, Adapting the soot particulate filter, Learning the throttle valve, Initializing the ESC sensors, Adapting the fuel burning heater remote control, Adapting the exhaust gas pressure sensor, Initializing the transmission ECU, Standardizing the liftgate, Initializing the adaptive cruise control, Resetting fuel system adaptation values, Adapting the electronic climate control, Adjusting the headlights, Resetting the air filter adaptation values, Resetting oxygen sensor adaptation values, Regenerating the soot particulate filter, Initializing the sliding door, Performing the initial run-in of the air conditioning compressor, Adapting the electronic damper control, Configuring the lane change assist, Burning off aux. heater/independent car heater, Unlocking aux. heater/independent car heater

(Volkswagen Transporter, SH), (Volkswagen Transporter, SJ):

Initializing the air distribution flap actuator, 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, Resetting the warning message of DEF injection system, Performing basic settings of emergency call system/telematics system, Learning the steering-angle sensor, Bleeding the fuel system, Adapting the soot particulate filter, Initializing the ESC sensors, Adapting the fuel burning heater remote control, Initializing the transmission ECU, 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, Regenerating the soot particulate filter, Special bleeding, 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
<b>Service resets</b>	(Volkswagen Caddy, SA), (Volkswagen Golf3, 1H), (Volkswagen Golf6, 5K), (Volkswagen Golf6, AJ), (Volkswagen Golf8, CG), (Volkswagen Polo, 6R), (Volkswagen Polo, 9N), (Volkswagen Tiguan, AX), (Volkswagen Touareg, 7P), (Volkswagen Transporter, 7H), (Volkswagen Transporter, 7J), (Volkswagen Transporter, SF), (Volkswagen Transporter, SG), (Volkswagen Transporter, SH), (Volkswagen Transporter, SJ)
<b>Test function</b>	(Volkswagen Amarok, 2H), (Volkswagen Arteon, 3H), (Volkswagen Caddy, 2C), (Volkswagen Caddy, SA), (Volkswagen Caddy, SB), (Volkswagen CC, 35), (Volkswagen Crafter, 2E), (Volkswagen Crafter, 2F), (Volkswagen Crafter, SC), (Volkswagen Crafter, SY), (Volkswagen Crafter, SZ), (Volkswagen Eos, 1F), (Volkswagen Golf6, 51), (Volkswagen Golf6, 52), (Volkswagen Golf6, 5K), (Volkswagen Golf6, AJ), (Volkswagen Golf7, 5G), (Volkswagen Golf7, AM), (Volkswagen Golf7, AN), (Volkswagen Golf7, BA), (Volkswagen Golf7, BQ), (Volkswagen Golf7, BV), (Volkswagen Golf8, CD), (Volkswagen Golf8, CG), (Volkswagen Jetta, 16), (Volkswagen Jetta, 1K), (Volkswagen New Beetle, 5C), (Volkswagen Passat, 36), (Volkswagen Passat, 3C), (Volkswagen Passat, 3G), (Volkswagen Passat, CB), (Volkswagen Polo, 6R), (Volkswagen Scirocco, 13), (Volkswagen Sharan, 7N), (Volkswagen T-Roc, A1), (Volkswagen T-Roc, D1), (Volkswagen Tiguan, 5N), (Volkswagen Tiguan, AD), (Volkswagen Tiguan, AX), (Volkswagen Tiguan, BJ), (Volkswagen Tiguan, BW), (Volkswagen Touareg, 7P), (Volkswagen Touran, 1T), (Volkswagen Touran, 5T), (Volkswagen Transporter, 7E), (Volkswagen Transporter, 7F), (Volkswagen Transporter, SF), (Volkswagen Transporter, SG), (Volkswagen Transporter, SH), (Volkswagen Transporter, SJ)
<b>Secured by Cyber Security Management (CSM) system</b> Capable for diagnostics only with Cyber Security Management	(Volkswagen Golf8, CD), (Volkswagen Caddy, SB), (Volkswagen Golf8, CG), (Volkswagen ID.Buzz, EB)



Manufacturer	Model	Shortcut	from year	to year	ADAS system	Lighting system
Alfa Romeo	Mito	955			X	
Audi	A1	GB	2018	2020	X	
Audi	A3	8V new	2012	2018	X	X
Audi	A4	8 W	2015	2018	X	X
Audi	A5	F5	2015	2018	X	X
Audi	A6	4G	2011	2018	X	X
Audi	A7	4G	2010	2018	X	X
Audi	Q2	GA	2016	2018	X	X
Audi	Q3	F3	2018		X	X
Audi	Q5	FY	2016	2018	X	X
Audi	RS Q3	F3	2019		X	X
Audi	RS3	8V	2014		X	X
Audi	RS4	8 W	2017	2018	X	X
Audi	RS5	F5	2017	2018	X	X
Audi	RS6	4G	2014	2018	X	X
Audi	S3	8V	2012	2018	X	X
Audi	S4	8 W	2017	2018	X	X
Audi	S5	F5	2016	2018	X	X
Audi	S6	4G	2014	2018	X	X
Audi	S7	4G	2012	2018	X	X
Audi	TT	8J	2014	2018	X	X
Audi	TT	FJ	2014	2018	X	X
BMW	1 Series	E81	2007	2009	X	X
BMW	1 Series	F20/F21	2011	2019	X extended in V72	X extended in V72
BMW	2 Series	F22/F23	2013	2019	X extended in V72	X extended in V72
BMW	2 Series	F45/F46	2014	2019	X	X
BMW	3 Series	F30/F31	2012	2019	X	X
BMW	3 Series	F34	2013	2016	X	X
BMW	3 Series	G20/G21	2019		X new in V72	X new in V72
BMW	4 Series	F32/F33/F36	2013	2018	X extended in V72	X extended in V72
BMW	4 Series	F82/F83	2014		X	X
BMW	5 Series	F07	2009	2017	X extended in V72	X extended in V72
BMW	5 Series	F10/F11	2009	2017	X	X
BMW	5 Series	G30/G31	2016	2020	X extended in V72	X extended in V72
BMW	6 Series	F06	2011	2017	X extended in V72	X extended in V72
BMW	6 Series	F12/F13	2011		X	X
BMW	6 Series	G32	2017	2020	X extended in V72	
BMW	7 Series	G11	2015	2019	X	
BMW	i3	I01	2013	2018	X new in V72	X new in V72
BMW	X1	F48	2015	2017	X	X
BMW	X2	F39	2017	2019	X	X
BMW	X3	F25	2010	2014	X new in V72	X new in V72
BMW	X3	G01	2017	2020	X	X
BMW	X4	F26	2014	2018	X new in V72	X new in V72
BMW	X4	G02	2017	2020	X	X
BMW	X5	F15	2013	2015	X new in V72	X new in V72
BMW	X5	G05	2018	2020	X new in V72	X new in V72
BMW	X6	F16	2013	2014	X new in V72	X new in V72
BMW	X6	G06	2019	2020	X new in V72	X new in V72
Citroën	Berlingo-IV	E	2018	2019	X	X
Citroën	C1	P	2014	2018	X	
Citroën	C3	SX	2014	2018	X	X
Citroën	C3	SX/SY	2016		X	X
Citroën	C3 Aircross		2017	2021	X	X
Citroën	C4	B	2020		X	X
Citroën	C4 Cactus-I	0	2014	2017	X	X
Citroën	C4 Cactus-II	0	2018		X	X
Citroën	C4 Picasso	U	2012	2015	X	X
Citroën	C4 Picasso	3	2008	2013	X	X
Citroën	C4 SpaceTourer	3	2018		X	X
Citroën	C5 Aircross	A	2018		X	X
Citroën	Jumper-IV	X	2017		X	X
Citroën	Jumpy-IV	V	2015		X	X
Citroën	SpaceTourer	V	2016	2018	X	X
Citroën	SpaceTourer		2020		X	X
Cupra	Ateca	KH	2021		X	X
Dacia	Dokker	0S03,0SDA,0S0L,4SD4L,5SD4L,	2010	2018	X	
Dacia	Dokker	0ES	2018		X new in V72	
Dacia	Duster-I	HSAS,HSDC, HSDE,HSDE,HSDF,HSDG,HSM0	2005	2015	X	
Dacia	Duster-II		2013	2017	X	
Dacia	Duster-III	HMAB,HMM1, HMMA, SR	2017	2019	X	
Dacia	Duster-III	HMAD, HMM3, HMMF, HMMT, HSDA	2018	2021	X new in V72	
Dacia	Lodgy	JSDA, JSDB	2011	2018		
Dacia	Lodgy	JSNB, JSNU	2018		X	
Dacia	Logan-I	B8MG, B8MP, BS01, K8MP, K8MG, L8, LS	2008	2012	X	
Dacia	Logan-II		2012		X	
Dacia	Sandero-II		2012		X	
DS Automobiles	DS3 Crossback	U	2018		X	X
DS Automobiles	DS7	J	2018		X	X
Fiat	500 L	330	2013	2016	X	
Fiat	500 X	334	2014	2017	X	X
Fiat	Aegea	356	2016	2016	X	X
Fiat	Doblo	263	2016		X	
Fiat	Panda	319	2011	2017	X	
Fiat	Tipo	356	2015	2016	X	X
Ford	B-Max 2012	JK8	2012	2013	X new in V72	
Ford	C-Max 03	DXA	2010	2015	X	X
Ford	C-Max 04	DXA	2012	2018	X	X
Ford	Ecosport	JK8	2013	2017	X new in V72	
Ford	Edge	TK	2016			X
Ford	Fiesta 07	JA8	2015	2015	X	X
Ford	Fiesta 08	JGH	2018	2019	X	X
Ford	Fiesta 08	JHH	2019		X	X
Ford	Fiesta 08	JJH	2017	2018	X	X
Ford	Focus 03	DYB	2012		X	X
Ford	Focus 04	DYB	2014	2014	X	X
Ford	Focus 05	DYB	2012	2015	X	X
Ford	Focus 06	DYB/HM/HN/HP	2018	2019	X	X
Ford	Focus 07	DEH	2020		X	X
Ford	Galaxy 04	WA6	2015	2018	X	X
Ford	Kuga 01	DM2	2008	2012	X	X
Ford	Kuga 02	DM2	2012	2019	X	X
Ford	Kuga 03	DFK	2019		X	X
Ford	Kuga 03	DM2	2018		X	X
Ford	Mondeo 05	BA7/-BIT/-CNG	2014	2018	X	X
Ford	Puma 02 Mod. 2020	J2K	2020		X	X
Ford	S-Max 02	WA6	2015	2018	X	X
Ford	Tourneo Connect 03	PJ2/PJU	2013	2018	X	
Ford	Transit 09 Mod. 2006	411/FAC/FCC	2011	2015	X	X new in V72
Ford	Transit 10 Mod. 2013	81BE/FAC/FCC/FCD/FDD	2015	2019	X	X new in V72
Ford	Transit 11 Mod. 2019	FAC/FCC	2019		X	X new in V72
Honda	Accord	CU	2007		X	
Honda	Accord	CW	2008		X	
Honda	Civic	FC	2016		X	X
Honda	Civic	FK	2011	2017	X	X
Honda	CR-V	RE	2012	2018	X	X
Honda	CR-V	RT/RW	2018		X	X
Honda	HR-V	RU	2015		X	X
Honda	Jazz	GK	2015		X	X

Manufacturer	Model	Shortcut	from year	to year	ADAS system	Lighting system
Hyundai	Grand Santa Fe	NC	2015	2018	X	X
Hyundai	i10	IA	2013	2018	X	
Hyundai	i10	AC3	2020		X	X
Hyundai	i20	GB	2014		X	X
Hyundai	i30 / i30cw	GD	2011	2017	X	X
Hyundai	i30 / i30cw	PD	2017		X	X
Hyundai	i40 / i40cw	VF	2011	2019	X	X
Hyundai	Ioniq	AE / EV/ HEV	2016		X	X
Hyundai	Kona	OS	2017		X	X
Hyundai	Santa Fe	CM	2009		X	X
Hyundai	Santa Fe	DM	2012		X	X
Hyundai	Santa Fe	TM	2018		X	X
Hyundai	Tucson	TL	2015		X	X
Jeep	Compass	MP	2017		X new in V72	X new in V72
Jeep	Grand Cherokee	WH, WK	2009	2010	X new in V72	X new in V72
Jeep	Grand Cherokee	WK	2011	2020	X new in V72	X new in V72
Jeep	Renegade	BU	2015	2018	X	X
Jeep	Renegade	BV	2019	2021	X	X
Kia	Carens	RP	2012	2019	X	X
Kia	Cee'd / Pro Cee'd	ED	2008	2011	X	X
Kia	Cee'd / Pro Cee'd	JD	2012	2018	X	X
Kia	Cee'd / Pro Cee'd	CD	2018	2022	X	X
Kia	Niro	DE HEV	2016		X	X
Kia	Optima	JF	2015		X	X
Kia	Optima	TF	2010	2015	X	X
Kia	Picanto	YES	2016		X	
Kia	Rio	YB	2016			
Kia	Sorento	UM	2015			
Kia	Sorento	XM	2009	2015	X	X
Kia	Soul	PS	2013	2019	X	
Kia	Soul	PS EV	2014		X	
Kia	Sportage	QL	2015		X	X
Kia	Stonic	YB	2017	2018	X	X
Land-Rover	Discovery Sport	L550	2014	2017	X new in V72	X new in V72
Land-Rover	Range Rover Evoque-I	L538	2011	2020	X new in V72	X new in V72
Land-Rover	Range Rover Sport	L494	2013	2015	X new in V72	X new in V72
Lexus	CT	ZWA10	2010	2017	X	
Lexus	NX	AGZ10L / 15L	2014	2019	X	
Lexus	NX	AYZ10L / L15	2014	2017	X	
Mazda	CX-3	DK	2015	2018	X	X
Mazda	CX-5	GH,KE	2011	2014	X	X
Mazda	CX-5	KF	2017		X	X
Mazda	Mazda 2	DJ	2014		X	X
Mazda	Mazda 2	DJ1	2019		X	X
Mazda	Mazda 3	BM,BN	2013	2016	X	X
Mazda	Mazda 3	BN	2016	2018	X	X
Mercedes	A-Class	176	2012	2018	X	X
Mercedes	A-Class	177	2018		X	X
Mercedes	B-Class	242/246	2011	2018	X	X
Mercedes	B-Class	247	2018		X	X
Mercedes	C-Class	205	2014		X	X
Mercedes	CLA-Class	117	2014	2019	X	X
Mercedes	CLA-Class	118	2019		X	X
Mercedes	E-Class	213	2015	2020	X	X
Mercedes	E-Class	238	2016		X	X
Mercedes	GLA-Class	156	2013	2019	X	X
Mercedes	GLA-Class	247	2020		X	X
Mercedes	GLB-Class	247	2019		X	X
Mercedes	GLC-Class	253	2015		X	X
Nissan	Juke	F15	2010	2019	X	X
Nissan	Micra	K14	2016		X	X
Nissan	Navara	D23	2015		X	X
Nissan	Pulsar	C13	2014		X	X
Nissan	Qashqai	J11	2013	2018	X	X
Nissan	X-Trail	T32	2014	2018	X	X
Opel/Vauxhall	Adam	M13	2012	2019	X	
Opel/Vauxhall	Astra-J	P-J/SW	2011	2015	X	X
Opel/Vauxhall	Astra-J	P10	2009	2018	X	X
Opel/Vauxhall	Astra-K	B-16	2015	2017	X	X
Opel/Vauxhall	Astra-K	B-K	2018	2019	X	X
Opel/Vauxhall	Combo-E	X19	2018		X	X
Opel/Vauxhall	Corsa-D	S07	2010	2014	X	X
Opel/Vauxhall	Corsa-E	X15	2014	2020	X	X
Opel/Vauxhall	Corsa-F	X20	2019		X	X
Opel/Vauxhall	Crossland X	P17	2017	2020	X	X
Opel/Vauxhall	Grandland X	A18	2017	2019	X	X
Opel/Vauxhall	Karl/Viva	C16	2015	2019	X	
Opel/Vauxhall	Meriva-B	S-D	2010	2017	X	
Opel/Vauxhall	Mokka	J13	2012	2019	X	X
Opel/Vauxhall	Vivaro-C	K0	2019		X	X
Opel/Vauxhall	Zafira-C	P12	2011	2013	X	X
Opel/Vauxhall	Zafira Life	K0	2019		X	X
Peugeot	108	P	2014		X	
Peugeot	2008	C	2017		X	
Peugeot	2008	CU	2013	2018	X	
Peugeot	2008	U	2019		X	X
Peugeot	208	C	2010	2019	X	
Peugeot	208	U	2019		X	X
Peugeot	3008	OU	2014	2016	X	X
Peugeot	3008	M	2016	2018	X	X
Peugeot	308	4	2013	2017	X	X
Peugeot	308	L	2013	2015	X	X
Peugeot	308		2017			
Peugeot	5008	M	2016	2018	X	X
Peugeot	5008	0A	2018		X	X
Peugeot	508	F	2018		X	X
Peugeot	Expert-IV	V	2015	2019	X	X
Peugeot	Partner-IV	E	2018		X	X
Peugeot	Rifter	E	2018		X	X
Peugeot	Traveller	V	2015	2018	X	X
Renault	Captur-II	RJB	2019		X	X
Renault	Clio-V	B7AD/B7AG/B7MF/B7MT	2019		X	X
Renault	Espace-V	JRA4/JRA5/JRME	2015	2018	X	
Renault	Espace-V	JRAM/JRME	2018		X	
Renault	Kadjar	HLA3/4/HLMR	2015	2018	X	
Renault	Kadjar	HLA6	2018		X	
Renault	Kadjar	HLA7	2018		X	
Renault	Megane-IV	K9 / B9	2015	2018	X	
Renault	Megane-IV	K9 / B9	2018		X	
Renault	Scenic-IV	J9 / JZ	2016	2018	X	X
Renault	Scenic-IV	J9- NC/A7/A8,R9-A7/A8	2018		X	X
Renault	Talisman	K2/L2/LP	2015	2018	X	
Renault	Talisman	KPAL/KPAM	2018		X	
Renault	Zoe	BFMA	2012	2017	X	
Renault	Zoe	BFMC, BFMD, BFME, FFMB, BFMF	2018		X new in V72	X new in V72
Seat	Arona	KJ	2017	2020	X	
Seat	Ateca	KH	2016		X	X
Seat	Ibiza	KJ	2017	2020	X	
Seat	Leon	5F	2012	2018	X	X
Seat	Mii	KF	2011	2020	X	

Manufacturer	Model	Shortcut	from year	to year	ADAS system	Lighting system
Seat	Mii	CD	2019		X	
Seat	Tarraco	KN	2018	2020	X	X
Skoda	Citigo	NF	2012	2020	X	
Skoda	Citigo	NE	2020		X	
Skoda	Fabia	NJ	2014	2020	X	
Skoda	Kamiiq	NW	2019		X	
Skoda	Karoq	NU	2017		X	X
Skoda	Kodiaq	NS	2016		X	X
Skoda	Octavia	5E	2012	2015	X	X
Skoda	Scala	NW	2019		X	
Skoda	Superb	3V	2015	2018	X	X
Suzuki	Baleno	EW	2015		X	
Suzuki	Ignis	MF	2016		X	
Suzuki	Jimny	GJ	2018		X	X
Suzuki	Swift	AZ	2017		X	X
Suzuki	SX4	JY	2013	2016	X	
Suzuki	Vitara	LY	2015		X	
Toyota	Auris	ADE/NDE/NRE/WWE/ZRE	2012	2019	X	X
Toyota	Avensis	ADT/ZRT	2006	2015	X	X
Toyota	Avensis	WWT	2015	2018	X	X
Toyota	Aygo	KGB40	2014	2020	X	X
Toyota	C-HR	MAXH10	2019		X	X
Toyota	C-HR	NGX10L/50L	2016	2020	X	X
Toyota	C-HR	ZYX10L	2016		X	X
Toyota	Corolla	MZEH/NRE/ZRE/ZWE	2018		X	X
Toyota	Hilux	GUN123/125/126/135	2015		X	X
Toyota	Prius	ZVW 30/35	2009	2016	X	
Toyota	Proace	MDZ/MPY	2016	2019	X	X
Toyota	Proace	BKY/BPZ	2019		X	X
Toyota	Proace	E	2021		X	X
Toyota	RAV 4	ALA	2012	2018	X	
Toyota	RAV 4	AVA	2015	2018	X	
Toyota	RAV 4	WWA	2015	2018	X	
Toyota	RAV 4	ZSA	2012	2018	X	
Toyota	Verso	AUR20/21/WAR/ZGR20/21	2008	2018	X	
Toyota	Yaris	GXP/MXP/KSP	2018		X	X
Toyota	Yaris	KSP/NLP	2011	2017	X	X
Toyota	Yaris	NSP	2017		X	X
Volkswagen	Arteon	3H	2017		X	X
Volkswagen	Golf 7	5G/BA/AUV	2012	2020	X	X
Volkswagen	Golf 7	AM Sportsvan	2014		X	X
Volkswagen	Jetta	16	2015		X	X
Volkswagen	Passat	3G	2015	2018	X	X
Volkswagen	Passat	CB	2019		X	X
Volkswagen	Polo	6C	2014	2017	X	X
Volkswagen	Polo	AW	2021		X	
Volkswagen	Polo	AE	2017	2021	X	
Volkswagen	T-Cross	C1	2019		X	
Volkswagen	T-Roc	A1/AC	2017	2022	X	X
Volkswagen	T-Roc	D1	2022		X	X
Volkswagen	Tiguan	AD/BW	2016	2020	X	X
Volkswagen	Tiguan	5N	2019		X	X
Volkswagen	Tiguan	BJ	2021		X	X
Volkswagen	Touran	5T	2015	2019	X	X
Volkswagen	up!	BL	2011	2020	X	
Volvo	S60-II	FS	2010	2018	X	
Volvo	S60-III	Z/ZS	2018		X	
Volvo	S80-II	A/A1/AR/AS	2006	2016	X	
Volvo	S90-II	FS/PS	2016		X	
Volvo	V40-II	MV/MZ	2012	2019	X	
Volvo	V60-I	F/FW/FZ	2010	2016	X	
Volvo	V60-I	GW/GWAA	2011		X	
Volvo	V60-II	ZW/ZZ	2018		X	
Volvo	V70-III	B/B1/BW	2007	2016	X	
Volvo	V90-II	P/PW/PZ	2016		X	
Volvo	V90-II	ZW	2020		X	
Volvo	XC40	XZ	2017		X	
Volvo	XC60-I	DZ/D4	2007	2009	X	
Volvo	XC60-II	UZ	2017		X	
Volvo	XC70-III	B	2007	2009	X	
Volvo	XC70-III	B5/BZ	2006	2016	X	
Volvo	XC90-II	LC, LF	2015	2020	X	

**HELLA GUTMANN SOLUTIONS GMBH**

Am Krebsbach 2

79241 Ihringen

GERMANY

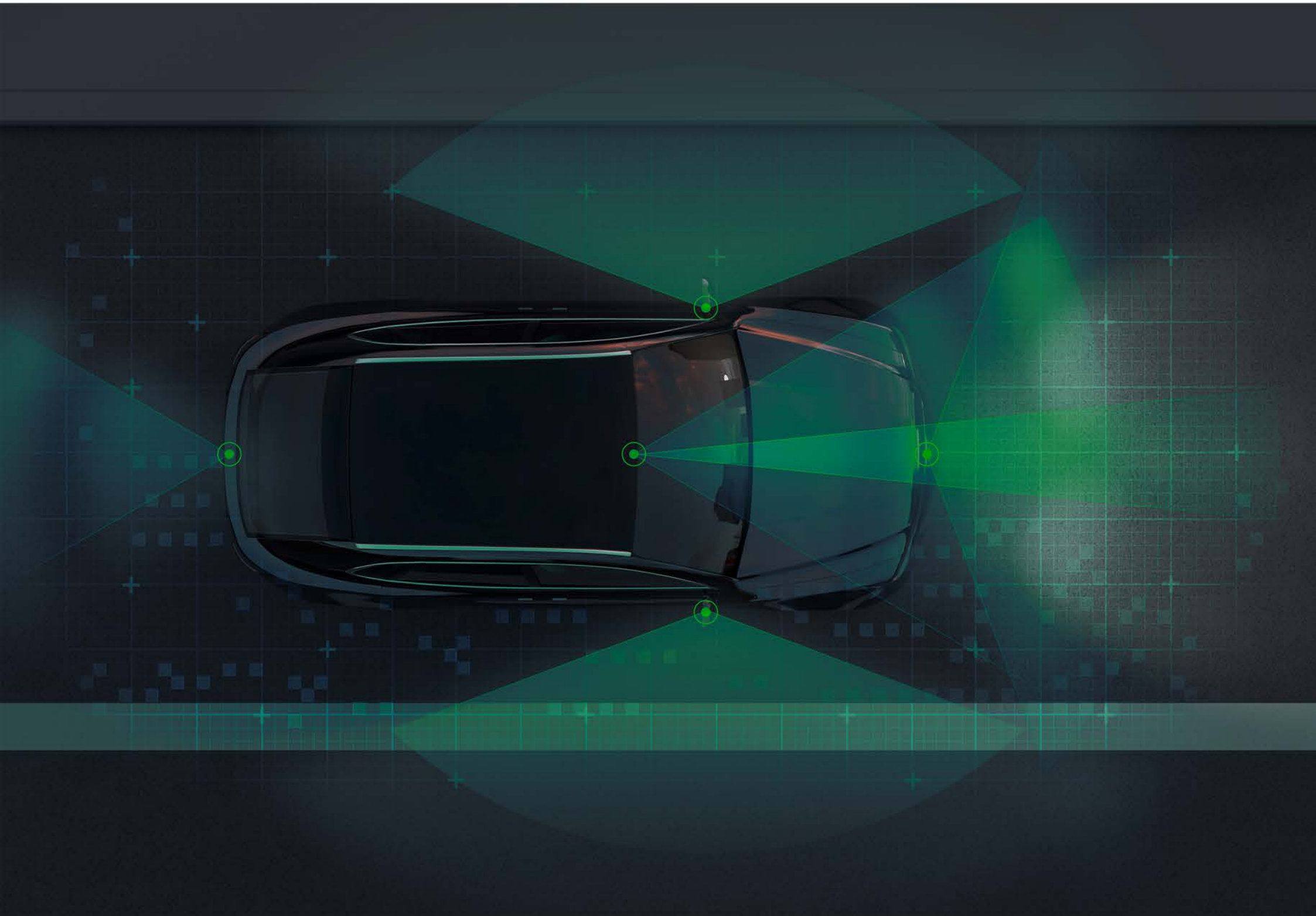
Phone: +49 7668 9900-0

Fax: +49 7668 9900-3999

info@hella-gutmann.com

www.hella-gutmann.com

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## 1 Vehicle Coverage Front Camera

Basic precondition: mega macs PC, 77, 66, 56, 42SE, ONE, X

### Calibration required:

- #1 after windshield replacement
- #2 in case of trouble code report
- #3 after camera ECU
- #4 after camera
- #5 after level sensor replacement
- #6 after chassis modifications / adjustment

Status Version	Manufacturer	Model	Year	Calibration required by	Calibration type	Available since version	Notes	Equipment	
								CSC-Tool	Targets
	Alfa Romeo	Giulia	2016 -	#1, #2, #3, #4	static	53	---	Yes	CSC 1-16
	Alfa Romeo	Stelvio	2017 -	#1, #2, #3, #4	static	54	---	Yes	CSC 1-16
	Alfa Romeo	Tonale	2022 -	#1, #2, #3, #4	static	70	---	Yes	CSC 1-05
	Audi	A1 (GB)	2018 -	#1, #2, #3, #5, #6	dynamic & static	56	dynamic or static calibration possible	yes/no	CSC 1-01
	Audi	A3 (8V)	2012 - 2020	#1, #2, #3, #5, #6	static	45	---	Yes	CSC 1-01
	Audi	A3 (8Y)	2020 -	#1, #2, #3, #5, #6	dynamic & static	60	dynamic or static calibration possible	yes/no	CSC 1-01
	Audi	A4 (8K)	2008 - 2015	#1, #2, #3, #5, #6	static	45	---	Yes	CSC 1-01
	Audi	A4 (8W)	2015 -	#1, #2, #3, #5, #6	static	49	---	Yes	CSC 1-01
	Audi	A5 (8T/8F)	2007 - 2016	#1, #2, #3, #5, #6	static	45	---	Yes	CSC 1-01
	Audi	A5 (F5)	2016 -	#1, #2, #3, #5, #6	static	51	---	Yes	CSC 1-01
	Audi	A6 (4A)	2018 -	#1, #2, #3, #5, #6	static	55	---	Yes	CSC 1-01
	Audi	A6 (4F)	2004 - 2011	#1, #2, #3, #5, #6	static	48	---	Yes	CSC 1-01
	Audi	A6 (4G)	2011 - 2018	#1, #2, #3, #5, #6	static	45	---	Yes	CSC 1-01
	Audi	A7 (4G)	2010 - 2018	#1, #2, #3, #5, #6	static	45	---	Yes	CSC 1-01
	Audi	A7 (4K)	2018 -	#1, #2, #3, #5, #6	static	55	---	Yes	CSC 1-01
	Audi	A8 (4E)	2005 - 2010	#1, #2, #3, #5, #6	static	49	---	Yes	CSC 1-01
	Audi	A8 (4H)	2010 - 2017	#1, #2, #3, #5, #6	static	45	---	Yes	CSC 1-01
	Audi	A8 (4N)	2017 -	#1, #2, #3, #5, #6	static	55	---	Yes	CSC 1-01
	Audi	e-tron (GE)	2019 -	#1, #2, #3, #5, #6	static	58	---	Yes	CSC 1-01
	Audi	e-tron GT (F8)	2021 -	#1, #2, #3, #5, #6	static	63	---	Yes	CSC 1-01
	Audi	Q2 (GA)	2016 -	#1, #2, #3, #5, #6	dynamic & static	52	dynamic or static calibration possible	yes/no	CSC 1-01
	Audi	Q3 (8U)	2011 - 2018	#1, #2, #3, #5, #6	static	48	---	Yes	CSC 1-01
	Audi	Q3 (F3)	2018 -	#1, #2, #3, #5, #6	dynamic & static	56	dynamic or static calibration possible	yes/no	CSC 1-01
	Audi	Q4 e-tron (FZ)	2021 -	#1, #2, #3, #5, #6	dynamic & static	63	dynamic or static calibration possible	yes/no	CSC 1-01
	Audi	Q5 (8R)	2008 - 2016	#1, #2, #3, #5, #6	static	47	---	Yes	CSC 1-01
	Audi	Q5 (FY)	2017 -	#1, #2, #3, #5, #6	static	52	---	Yes	CSC 1-01
	Audi	Q7 (4L)	2005 - 2015	#1, #2, #3, #5, #6	static	46	---	Yes	CSC 1-01
	Audi	Q7 (4M)	2015 -	#1, #2, #3, #5, #6	static	50	---	Yes	CSC 1-01
	Audi	Q8 (4M)	2018 -	#1, #2, #3, #5, #6	static	56	---	Yes	CSC 1-01
	Audi	Q8 e-tron (GE)	2023 -	#1, #2, #3, #5, #6	static	71	---	Yes	CSC 1-01
	Audi	TT (FV)	2014 -	#1, #2, #3, #5, #6	static	50	---	Yes	CSC 1-01
	BMW	1 Series (F40)	2019 -	#1, #2, #3, #4, #5, #6	dynamic	57	---	No	No
	BMW	1 Series/2 Series (F20/F21/F22)	2011 - 2019	#1, #2, #3, #4, #5, #6	dynamic	44	---	No	No
	BMW	2 Series (F45/F46)	2014 - 2021	#1, #2, #3, #4, #5, #6	dynamic	48	---	No	No
	BMW	2 Series (U06)	2021 -	#1, #2, #3, #4, #5, #6	dynamic	66	---	No	No
	BMW	2 Series Gran Coupé (F44)	2020 -	#1, #2, #3, #4, #5, #6	dynamic	60	---	No	No
	BMW	3 Series (F30/F31)	2012 -	#1, #2, #3, #4, #5, #6	dynamic	44	---	No	No
	BMW	3 Series (G20/G21/G80)	2019 -	#1, #2, #3, #4, #5, #6	dynamic	55	---	No	No
	BMW	3 Series GT (F34)	2013 -	#1, #2, #3, #4, #5, #6	dynamic	44	---	No	No
	BMW	4 Series (F32/F33/F36)	2013 - 2020	#1, #2, #3, #4, #5, #6	dynamic	47	---	No	No
	BMW	4 Series (G22)	2020 -	#1, #2, #3, #4, #5, #6	dynamic	60	---	No	No
	BMW	4 Series (G23/G26)	2021 -	#1, #2, #3, #4, #5, #6	dynamic	63	---	No	No
	BMW	5 Series (E60/E61)	2007 - 2010	#1, #2, #3, #4, #5, #6	dynamic	44	---	No	No
	BMW	5 Series (F10/F11)	2010 - 2017	#1, #2, #3, #4, #5, #6	dynamic	44	---	No	No
	BMW	5 Series (F90)	2017 -	#1, #2, #3, #4, #5, #6	dynamic	58	---	No	No
	BMW	5 Series (G30/G31)	2017 -	#1, #2, #3, #4, #5, #6	dynamic	52	---	No	No
	BMW	5 Series GT (F07)	2009 - 2017	#1, #2, #3, #4, #5, #6	dynamic	44	---	No	No
	BMW	6 Series (E63/E64)	2004 - 2010	#1, #2, #3, #4, #5, #6	dynamic	44	---	No	No
	BMW	6 Series (F12/F13)	2011 -	#1, #2, #3, #4, #5, #6	dynamic	44	---	No	No
	BMW	6 Series Gran Coupé (F06)	2012 - 2017	#1, #2, #3, #4, #5, #6	dynamic	44	---	No	No
	BMW	6 Series GT (G32)	2017 -	#1, #2, #3, #4, #5, #6	dynamic	53	---	No	No
	BMW	7 Series (F01/F02)	2008 - 2015	#1, #2, #3, #4, #5, #6	dynamic	44	---	No	No
	BMW	7 Series (G11/G12)	2015 -	#1, #2, #3, #4, #5, #6	dynamic	50	---	No	No
	BMW	8 Series (F92)	2019 -	#1, #2, #3, #4, #5, #6	dynamic	58	---	No	No
	BMW	8 Series (G14/G15/G16)	2019 -	#1, #2, #3, #4, #5, #6	dynamic	56	---	No	No
	BMW	i3 (I01)	2013 -	#1, #2, #3, #4, #5, #6	dynamic	47	---	No	No
	BMW	i8 (I12)	2014 -	#1, #2, #3, #4, #5, #6	dynamic	51	---	No	No
	BMW	i8 Roadster (I15)	2018 -	#1, #2, #3, #4, #5, #6	dynamic	55	---	No	No
	BMW	iX (I20)	2021 -	#1, #2, #3, #4, #5, #6	dynamic	66	---	No	No
	BMW	iX3 G08	2021 -	#1, #2, #3, #4, #5, #6	dynamic	63	---	No	No
	BMW	X1 (F48)	2015 -	#1, #2, #3, #4, #5, #6	dynamic	50	---	No	No
	BMW	X2 (F39)	2018 -	#1, #2, #3, #4, #5, #6	dynamic	53	---	No	No
	BMW	X3 (F25)	2010 - 2017	#1, #2, #3, #4, #5, #6	dynamic	44	---	No	No
	BMW	X3 (G01)	2017 -	#1, #2, #3, #4, #5, #6	dynamic	53	---	No	No
	BMW	X4 (F26)	2014 - 2018	#1, #2, #3, #4, #5, #6	dynamic	48	---	No	No
	BMW	X4 (G02)	2017 -	#1, #2, #3, #4, #5, #6	dynamic	48	---	No	No
	BMW	X5 (E70)	2010 - 2013	#1, #2, #3, #4, #5, #6	dynamic	44	---	No	No
	BMW	X5 (F15)	2013 -	#1, #2, #3, #4, #5, #6	dynamic	48	---	No	No
	BMW	X5 (G05)	2018 -	#1, #2, #3, #4, #5, #6	dynamic	56	---	No	No
	BMW	X6 (E71/E72)	2008 - 2014	#1, #2, #3, #4, #5, #6	dynamic	44	---	No	No
	BMW	X6 (F16/F86)	2014 - 2019	#1, #2, #3, #4, #5, #6	dynamic	48	---	No	No
	BMW	X6 (G06)	2019 -	#1, #2, #3, #4, #5, #6	dynamic	58	---	No	No
	BMW	X7 (G07)	2019 -	#1, #2, #3, #4, #5, #6	dynamic	56	---	No	No
	BMW	Z4 (G29)	2019 -	#1, #2, #3, #4, #5, #6	dynamic	56	---	No	No
	Chevrolet	Orlando	2010 - 2015	#1, #2, #3, #4	dynamic	50	---	No	No
	Citroën	Berlingo IV	2018 -	#1, #4	dynamic	55	---	No	No
	Citroën	C1	2014 -	#1, #4, #6	static	50	---	Yes	CSC 1-11
	Citroën	C3	2016 -	#1, #4	dynamic	52	---	No	No
	Citroën	C3 Aircross	2017 -	#1, #4	dynamic	53	---	No	No
	Citroën	C4 Cactus II	2018 -	#1, #4	dynamic	55	---	No	No
	Citroën	C4 III	2020 -	#1, #2, #3, #4	dynamic & static	62	dynamic or static calibration possible	Yes	CSC 1-05
	Citroën	C4 Picasso	2013 -	#1, #4	dynamic	48	---	No	No
	Citroën	C5 Aircross	2018 -	#1, #4	dynamic	56	---	No	No
	Citroën	C5X	2021 -	#1, #2, #3, #4	static & dynamic	68	---	Yes	CSC 1-05
	Citroën	DS5	2012 -	#1, #4	dynamic	48	---	No	No
	Citroën	Jumper	2014 -	#1, #2, #3, #4	static	49	---	Yes	CSC 1-05
	Citroën	Jumpy IV	2016 -	#1, #4	dynamic	51	---	No	No
	Citroën	SpaceTourer	2016 -	#1, #4	dynamic	51	---	No	No
	Cupra	Born (K1)	2021 -	#1, #2, #3, #5, #6	dynamic & static	65	dynamic or static calibration possible	yes/no	CSC 1-01
	Cupra	Formentor (KM)	2020 -	#1, #2, #3, #5, #6	dynamic & static	62	dynamic or static calibration possible	yes/no	CSC 1-01
	Dodge	Charger	2015 -	#1, #2, #3, #4	dynamic	53	---	No	No
	DS Automobiles	DS3 Crossback	2018 -	#1, #4	dynamic & static	59	dynamic or static calibration possible	yes/no	CSC 1-05
	DS Automobiles	DS3 Crossback e-Tense	2021 -	#1, #4	dynamic & static	66	dynamic or static calibration possible	yes/no	CSC 1-05
	DS Automobiles	DS7	2018 -	#1, #4	dynamic	55	---	No	No
	Fiat	500 X	2015 -	#1, #2, #3, #4	static	49	---	Yes	CSC 1-05
	Fiat	500e (332)	2020 -	#1, #2, #3, #4	static	63	---	Yes	CSC 1-05
	Fiat	Ducato	2022 -	#1, #2, #3, #4	static	70	---	Yes	CSC 1-05
	Fiat	Ducato	2014 -	#1, #2, #3, #4	static	48	---	Yes	CSC 1-05
	Fiat	Fullback	2016 -	#1, #2, #3, #4	dynamic	53	---	No	No
	Fiat	Tipo	2020 -	#1, #2, #3, #4	static	68	---	Yes	CSC 1-05
	Ford	C-Max	2010 -	#1, #2, #4	dynamic	46	---	No	No

Status Version	Manufacturer	Model	Year	Calibration required by	Calibration type	Available since version	Notes	Equipment	
								CSC-Tool	Targets
	Ford	Ecosport	2017-	#1, #2, #4	dynamic	63	---	No	No
	Ford	Edge II	2016 -	#1, #2, #4	dynamic	51	---	No	No
	Ford	Fiesta	2017 -	#1, #2, #4	dynamic	53	---	No	No
	Ford	Focus	2010 - 2017	#1, #2, #4	dynamic	46	---	No	No
	Ford	Focus	2018 -	#1, #2, #4	dynamic	55	---	No	No
	Ford	Galaxy	2010 - 2015	#1, #2, #4	dynamic	46	---	No	No
	Ford	Galaxy IV	2015 -	#1, #2, #4	dynamic	50	---	No	No
	Ford	Kuga II	2013 - 2020	#1, #2, #4	dynamic	46	---	No	No
	Ford	Kuga III	2020 -	#1, #2, #4	dynamic	60	---	No	No
	Ford	Mondeo	2014 -	#1, #2, #4	dynamic	48	---	No	No
	Ford	Mondeo	2010 - 2014	#1, #2, #4	dynamic	46	---	No	No
	Ford	Mustang	2017 -	#1, #2, #4	dynamic	55	---	No	No
	Ford	Puma II	2019 -	#1, #2, #4	dynamic	60	---	No	No
	Ford	Ranger	2016 -	#1, #2, #4	dynamic	51	---	No	No
	Ford	S-Max	2010 - 2015	#1, #2, #4	dynamic	46	---	No	No
	Ford	S-Max II	2015 -	#1, #2, #4	dynamic	50	---	No	No
	Ford	Tourneo Connect	2013 -	(#1), #2, #4	dynamic	51	---	No	No
	Ford	Transit	2014 -	#2, #4	dynamic	47	---	No	No
	Ford	Transit Custom	2012 -	#2, #4	dynamic	46	---	No	No
	Honda	Accord (LKAS)	2008 - 2015	#1, #2, #3, #4, #5, #6	static	48	---	Yes	CSC 1-06
	Honda	Civic (LDW)	2014 - 2017	#1, #2, #3, #4, #5, #6	dynamic & static	48(dynamic) / 49(static)	dynamic or static calibration possible	yes/no	CSC 1-09
	Honda	Civic (LKAS)	2017 -	#1, #2, #3, #4, #5, #6	static	52	---	Yes	CSC 1-09
	Honda	CR-V (LDW)	2012 - 2016	#1, #2, #3, #4, #5, #6	dynamic & static	48(dynamic) / 49(static)	dynamic or static calibration possible	yes/no	CSC 1-09
	Honda	CR-V (LKAS)	2012 - 2015	#1, #2, #3, #4, #5, #6	static	48	---	Yes	CSC 1-06
	Honda	CR-V (LKAS)	2016 - 2018	#1, #2, #3, #4, #5, #6	static	53	---	Yes	CSC 1-15
	Honda	CR-V (LKAS)	2018 -	#1, #2, #3, #4, #5, #6	static	56	---	Yes	CSC 1-09
	Honda	HR-V (LDW)	2015 -	#1, #2, #3, #4, #5, #6	dynamic & static	49	dynamic or static calibration possible	yes/no	CSC 1-09
	Honda	Jazz (LDW)	2015 -	#1, #2, #3, #4, #5, #6	dynamic & static	50	dynamic or static calibration possible	yes/no	CSC 1-09
	Hyundai	Genesis	2014 -	#1, #2, #3, #4	dynamic & static	49	dynamic or static calibration possible	Yes	CSC 1-05
	Hyundai	Grand Santa Fe	2013 - 2015	#1, #2, #3, #4	static	52	requires Front Camera Calibration Aid (8PZ 015 269-921)	No	Yes
	Hyundai	Grand Santa Fe	2016 -	#1, #2, #3, #4	static	54	---	Yes	CSC 1-05
	Hyundai	H350	2015 -	#1, #2, #3, #4	static	55	---	Yes	CSC 1-20
	Hyundai	i10 (AC3)	2020 -	#1, #2, #3, #4	static	59	---	Yes	CSC 1-05
	Hyundai	i10 (IA)	2017 - 2020	#1, #2, #3, #4	static	54	---	Yes	CSC 1-05
	Hyundai	i20	2015 -	#1, #2, #3, #4	static	48	---	Yes	CSC 1-05
	Hyundai	i30 (GD)	2011 - 2017	#1, #2, #3, #4	static	57	---	Yes	CSC 1-05
	Hyundai	i30 (PD)	2017 -	#1, #2, #3, #4	static	52	---	Yes	CSC 1-05
	Hyundai	i40	2013 -	#1, #2, #3, #4	static	48	---	Yes	CSC 1-05
	Hyundai	Ioniq	2016 -	#1, #2, #3, #4	static	52	---	Yes	CSC 1-05
	Hyundai	Kona	2018 -	#1, #2, #3, #4	static	55	---	Yes	CSC 1-05
	Hyundai	Santa Fe	2012 - 2015	#1, #2, #3, #4	static	52	requires Front Camera Calibration Aid (8PZ 015 269-921)	No	Yes
	Hyundai	Santa Fe	2016 - 2018	#1, #2, #3, #4	static	54	---	Yes	CSC 1-05
	Hyundai	Tucson	2015 - 2021	#1, #2, #3, #4	dynamic & static	49	dynamic or static calibration possible	Yes	CSC 1-05
<b>new in V72</b>	Isuzu	D-Max (TF)	2017 -	#1, #2, #3, #4	static	72	---	Yes	CSC 1-18
	Jaguar	E-Pace	2017 -	#1, #2, #3, #4	dynamic	55	---	No	No
	Jaguar	F-PACE	2016 -	#1, #2, #3, #4	dynamic	51	---	No	No
	Jaguar	XE	2015 -	#1, #2, #3, #4	dynamic	51	---	No	No
	Jaguar	XF	2016 -	#1, #2, #3, #4	dynamic	51	---	No	No
	Jeep	Cherokee	2014 -	#1, #2, #3, #4	dynamic	49	---	No	No
	Jeep	Compass (MP)	2017-	#1, #2, #3, #4	dynamic	63	---	No	No
	Jeep	Grand Cherokee	2013 -	#1, #2, #3, #4	dynamic	49	---	No	No
	Jeep	Renegade	2014 -	#1, #2, #3, #4	static	49	---	Yes	CSC 1-05
	Kia	Carens (RP)	2013 -	#1, #2, #3, #4	static	48	---	Yes	CSC 1-05
	Kia	Ceed (CD)	2018 -	#1, #2, #3, #4	static	66	Precondition: SGW activation via HGS Cyber Security Management	Yes	CSC 1-05
	Kia	Ceed (JD)	2012 - 2018	#1, #2, #3, #4	static	48	---	Yes	CSC 1-05
	Kia	Niro (DE)	2016 -	#1, #2, #3, #4	dynamic & static	52	dynamic or static calibration possible	Yes	CSC 1-05
	Kia	Optima (JF)	2016 -	#1, #2, #3, #4	static	52	---	Yes	CSC 1-05
	Kia	Optima (TF)	2012 - 2015	#1, #2, #3, #4	static	49	---	Yes	CSC 1-05
	Kia	Pro Ceed (CD)	2018 -	#1, #2, #3, #4	static	66	Precondition: SGW activation via HGS Cyber Security Management	Yes	CSC 1-05
	Kia	Pro Ceed (JD)	2013 - 2018	#1, #2, #3, #4	static	48	---	Yes	CSC 1-05
	Kia	Rio (YB)	2017 -	#1, #2, #3, #4	static	52	---	Yes	CSC 1-05
	Kia	Sorento	2021-	#1, #2, #3, #4, #5, #6	static	69	Precondition: SGW activation via HGS Cyber Security Management	Yes	CSC 1-05
	Kia	Sorento (UM)	2015 -	#1, #2, #3, #4	static	48	---	Yes	CSC 1-05
	Kia	Sorento (XM)	2012 - 2015	#1, #2, #3, #4	static	52	requires Front Camera Calibration Aid (8PZ 015 269-921)	No	Yes
	Kia	Soul (PS)	2014 -	#1, #2, #3, #4	static	48	---	Yes	CSC 1-05
	Kia	Soul (SK3)	2019-	#1, #2, #3, #4	static & dynamic	68	Precondition: SGW activation via HGS Cyber Security Management	Yes	CSC 1-05
	Kia	Sportage (QL)	2016 -	#1, #2, #3, #4	dynamic & static	50	dynamic or static calibration possible	Yes	CSC 1-05
	Kia	Stinger (CK)	2017 -	#1, #2, #3, #4	static	55	Precondition: MY 2019- SGW activation via HGS CSM	Yes	CSC 1-05
	Kia	Stonic (YB)	2017 -	#1, #2, #3, #4	static	55	---	Yes	CSC 1-05
	Land Rover	Defender (L663)	2021-	#1, #2, #3, #4	dynamic	67	Precondition: mega macs X (DoIP)	No	No
	Land Rover	Discovery Sport	2015 -	#1, #2, #3, #4	dynamic	51	---	No	No
	Land Rover	Discovery	2017 - 2019	#1, #2, #3, #4	dynamic	51	---	No	No
	Land Rover	Evoque (L551)	2020-	#1, #2, #3, #4	dynamic	67	Precondition: mega macs X (DoIP)	No	No
	Land Rover	Range Rover Evoque	2015 - 2019	#1, #2, #3, #4	dynamic	51	---	No	No
	Land Rover	Range Rover Sport VI	2012 - 2017	#1, #2, #3, #4	dynamic	51	---	No	No
	Land Rover	Range Rover VI	2012 - 2017	#1, #2, #3, #4	dynamic	50	---	No	No
	Land Rover	Velar (L560)	2018-	#1, #2, #3, #4	dynamic	67	Precondition: mega macs X (DoIP)	No	No
	Lexus	CT	2017 -	#1, #2, #4, #6	static	59	---	Yes	CSC 1-13
	Lexus	ES	2012 - 2018	#1, #2, #4, #6	static	50	---	Yes	CSC 1-08
	Lexus	ES	2018 -	#1, #2, #4, #6	static	62	---	Yes	CSC 1-11
	Lexus	GS	2016 -	#1, #2, #4, #6	static	52	---	Yes	CSC 1-13
	Lexus	IS	2013 - 2016	#1, #2, #4, #6	static	49	---	Yes	CSC 1-08
	Lexus	IS	2017 - 2020	#1, #2, #4, #6	static	52	---	Yes	CSC 1-13
	Lexus	IS	2020-	#1, #2, #4, #6	static	65	---	Yes	CSC 1-11
	Lexus	LC	2017 -	#1, #2, #4, #6	static	55	---	Yes	CSC 1-13
	Lexus	LX	2015 -	#1, #2, #4, #6	static	52	---	Yes	CSC 1-13
	Lexus	NX	2021-	#1, #2, #4, #6	static	70	---	Yes	CSC 1-11
	Lexus	NX	2014 - 2017	#1, #2, #4, #6	static	50	---	Yes	CSC 1-08
	Lexus	NX	2017 - 2019	#1, #2, #4, #6	static	55	---	Yes	CSC 1-13
	Lexus	NX	2019 - 2021	#1, #2, #4, #6	static	60	---	Yes	CSC 1-11
	Lexus	RC	2015 -	#1, #2, #4, #6	static	51	---	Yes	CSC 1-08
	Lexus	RX	2015 -	#1, #2, #4, #6	static	52	---	Yes	CSC 1-13
	Lexus	UX	2019 -	#1, #2, #4, #6	static	58	---	Yes	CSC 1-11
	Lynk & Co	Model 01	2020 -	#1, #2, #3, #4	dynamic	70	Precondition: mega macs X (DoIP)	No	No
	MAN	TGE (UY/UZ)	2017 -	#1, #2, #3, #5, #6	static	55	---	Yes	CSC 1-01
	Mazda	2 (DJ)	2015 -	#1, #2, #3, #4	static	50	---	Yes	CSC 1-07
	Mazda	3 (BM)	2013 - 2016	#1, #2, #3, #4	static	48	---	Yes	CSC 1-07
	Mazda	3 (BN)	2016 - 2019	#1, #2, #3, #4	dynamic & static	52	dynamic or static calibration possible	Yes	CSC 1-12
	Mazda	3 (BP)	2019 -	#1, #2, #3, #4	dynamic & static	58	dynamic or static calibration possible	Yes	CSC 1-12
	Mazda	6 (GJ)	2012 - 2016	#1, #2, #3, #4	static	48	---	Yes	CSC 1-07
	Mazda	6 (GL)	2016 -	#1, #2, #3, #4	dynamic & static	52	dynamic or static calibration possible	Yes	CSC 1-12
<b>new in V72</b>	Mazda	BT-50 (TF)	2021 -	#1, #2, #3, #4	static	72	---	Yes	CSC 1-18
	Mazda	CX-3 (DK)	2015 - 2017	#1, #2, #3, #4	static	49	---	Yes	CSC 1-07
	Mazda	CX-3 (DK)	2017 -	#1, #2, #3, #4	dynamic & static	52	dynamic or static calibration possible	Yes	CSC 1-12
	Mazda	CX-30 (DM)	2019 -	#1, #2, #3, #4	dynamic & static	59	dynamic or static calibration possible	Yes	CSC 1-12
	Mazda	CX-5 (KE)	2012 - 2017	#1, #2, #3, #4	static	48	---	Yes	CSC 1-07
	Mazda	CX-5 (KF)	2017 -	#1, #2, #3, #4	dynamic & static	53	dynamic or static calibration possible	Yes	CSC 1-12
	Mazda	CX-60 (KH)	2022-	#1, #2, #3, #4	dynamic & static	70	dynamic or static calibration possible	Yes	CSC 1-12
	Mazda	MX-30 (DR)	2020 -	#1, #2, #3, #4	dynamic & static	62	dynamic or static calibration possible	Yes	CSC 1-12

Status Version	Manufacturer	Model	Year	Calibration required by	Calibration type	Available since version	Notes	Equipment	
								CSC-Tool	Targets
	Mazda	MX-5 (ND)	2015 - 2018	#1, #2, #3, #4	static	50	---	Yes	CSC 1-07
	Mazda	MX-5 (ND)	2018 -	#1, #2, #3, #4	dynamic & static	56	dynamic or static calibration possible	Yes	CSC 1-12
	Mercedes	A-Class (BM176)	2012 - 2018	#1, #2, #3, #4, #5, #6	static	46	---	Yes	CSC 1-02
	Mercedes	A-Class (BM177)	2018 - 2021	#1, #2, #3, #4, #5, #6	static	55	until V55 only without Augmented Reality Camera	Yes	CSC 1-02
	Mercedes	AMG GT Coupe (BM290)	2014-	#1, #2, #3, #4, #5, #6	static	68	---	Yes	CSC 1-02
	Mercedes	B-Class (BM246)	2011 - 2018	#1, #2, #3, #4, #5, #6	static	46	---	Yes	CSC 1-02
	Mercedes	B-Class (BM247)	2019 - 2021	#1, #2, #3, #4, #5, #6	static	57	---	Yes	CSC 1-02
	Mercedes	Citan (BM420)	2022-	#1, #2, #3, #4, #5, #6	dynamic	69	---	No	No
	Mercedes	C-Class (BM204)	2007 - 2011	#1, #2, #3, #4, #5, #6	static	46	---	Yes	CSC 1-02
	Mercedes	C-Class (BM204) facelift	2011 - 2013	#1, #2, #3, #4, #5, #6	static	46	---	Yes	CSC 1-02
	Mercedes	C-Class (BM205)	2014 - 2018	#1, #2, #3, #4, #5, #6	static	48	---	Yes	CSC 1-02
	Mercedes	C-Class (BM204) facelift	2018 - 2021	#1, #2, #3, #4, #5, #6	static	56	---	Yes	CSC 1-02
	Mercedes	C-Class (BM206)	2021-	#1, #2, #3, #4, #5, #6	static	66	only without Augmented Reality Camera Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	Yes	CSC 1-02
	Mercedes	C-Class Coupé/Cabrio (BM205)	2016 - 2021	#1, #2, #3, #4, #5, #6	static	51	---	Yes	CSC 1-02
	Mercedes	CLA-Class (BM117)	2012 - 2019	#1, #2, #3, #4, #5, #6	static	46	---	Yes	CSC 1-02
	Mercedes	CLA-Class (BM118)	2019 -	#1, #2, #3, #4, #5, #6	static	57	---	Yes	CSC 1-02
new in V72	Mercedes	CLE-Class (BM236)	2023-	#1, #2, #3, #4, #5, #6	static	72	Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	Yes	CSC 1-02
	Mercedes	CL-Class (BM216)	2006 - 2014	#1, #2, #3, #4, #5, #6	static	46	---	Yes	CSC 1-02
	Mercedes	CLS (BM257)	2018 -	#1, #2, #3, #4, #5, #6	static	55	---	Yes	CSC 1-02
	Mercedes	CLS-Class (BM218)	2011 - 2018	#1, #2, #3, #4, #5, #6	static	46	---	Yes	CSC 1-02
	Mercedes	E-Class (BM212)	2009 - 2016	#1, #2, #3, #4, #5, #6	static	46	---	Yes	CSC 1-02
	Mercedes	E-Class (BM213)	2015 - 2020	#1, #2, #3, #4, #5, #6	static	51	---	Yes	CSC 1-02
	Mercedes	E-Class (BM213) facelift	2020 -	#1, #2, #3, #4, #5, #6	static	60	---	Yes	CSC 1-02
	Mercedes	E-Class (BM238)	2016 -	#1, #2, #3, #4, #5, #6	static	52	---	Yes	CSC 1-02
	Mercedes	E-Class Coupe (BM207)	2009 - 2017	#1, #2, #3, #4, #5, #6	static	46	---	Yes	CSC 1-02
	Mercedes	EQA-Class (BM243)	2021-	#1, #2, #3, #4, #5, #6	static	63	---	Yes	CSC 1-02
	Mercedes	EQB-Class (BM243)	2021-	#1, #2, #3, #4, #5, #6	static	65	---	Yes	CSC 1-02
	Mercedes	EQC-Class (BM293)	2019 -	#1, #2, #3, #4, #5, #6	static	58	---	Yes	CSC 1-02
	Mercedes	EQE (BM295)	2022-	#1, #2, #3, #4, #5, #6	static	66	only without Augmented Reality Camera Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	Yes	CSC 1-02
new in V72	Mercedes	EQE SUV (BM294)	2023-	#1, #2, #3, #4, #5, #6	static	72	Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	Yes	CSC 1-02
	Mercedes	EQS (BM297)	2021-	#1, #2, #3, #4, #5, #6	static	66	only without Augmented Reality Camera Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	Yes	CSC 1-02
	Mercedes	EQS-SUV (BM296)	2022-	#1, #2, #3, #4, #5, #6	static	69	only without Augmented Reality Camera Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	Yes	CSC 1-02
	Mercedes	G-Class (BM463)	2018 -	#1, #2, #3, #4, #5, #6	static	57	---	Yes	CSC 1-02
	Mercedes	GLA-Class (BM156)	2012 - 2020	#1, #2, #3, #4, #5, #6	static	46	---	Yes	CSC 1-02
	Mercedes	GLA-Class (BM247)	2020 -	#1, #2, #3, #4, #5, #6	static	60	---	Yes	CSC 1-02
	Mercedes	GLB-Class (BM247)	2019 -	#1, #2, #3, #4, #5, #6	static	58	---	Yes	CSC 1-02
	Mercedes	GLC (BM253)	2015 -	#1, #2, #3, #4, #5, #6	static	50	---	Yes	CSC 1-02
	Mercedes	GLC Coupe (BM253)	2016 -	#1, #2, #3, #4, #5, #6	static	52	---	Yes	CSC 1-02
	Mercedes	GLC-Class (BM254)	2022-	#1, #2, #3, #4, #5, #6	static	68	only without Augmented Reality Camera Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	Yes	CSC 1-02
	Mercedes	GLE (BM166)	2015 - 2018	#1, #2, #3, #4, #5, #6	static	51	---	Yes	CSC 1-02
	Mercedes	GLE Coupe (BM292)	2015 -	#1, #2, #3, #4, #5, #6	static	50	---	Yes	CSC 1-02
	Mercedes	GLE/GLS-Class (BM167)	2018 -	#1, #2, #3, #4, #5, #6	static	57	---	Yes	CSC 1-02
	Mercedes	GLK (BMX204) facelift	2012 - 2015	#1, #2, #3, #4, #5, #6	static	46	---	Yes	CSC 1-02
	Mercedes	GL-Class (BM166)	2012 - 2015	#1, #2, #3, #4, #5, #6	static	46	---	Yes	CSC 1-02
	Mercedes	ML-Class (BM166)	2011 - 2015	#1, #2, #3, #4, #5, #6	static	46	---	Yes	CSC 1-02
	Mercedes	S-Class (BM221)	2005 - 2013	#1, #2, #3, #4, #5, #6	static	45	---	Yes	CSC 1-02
	Mercedes	S-Class (BM222)	2013 - 2021	#1, #2, #3, #4, #5, #6	static	48	---	Yes	CSC 1-02
	Mercedes	S-Class (BM223)	2021-	#1, #2, #3, #4, #5, #6	static	66	only without Augmented Reality Camera Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	Yes	CSC 1-02
	Mercedes	S-Class Coupe (BM217)	2013 - 2021	#1, #2, #3, #4, #5, #6	static	50	only without night vision	Yes	CSC 1-02
	Mercedes	SLC (BM172)	2016 -	#1, #2, #3, #4, #5, #6	static	52	---	Yes	CSC 1-02
	Mercedes	SLK-Class (BM172)	2011 - 2016	#1, #2, #3, #4, #5, #6	static	46	---	Yes	CSC 1-02
	Mercedes	SL-Class (BM231)	2011 - 2022	#1, #2, #3, #4, #5, #6	static	46	---	Yes	CSC 1-02
	Mercedes	SL-Class (BM232)	2022-	#1, #2, #3, #4, #5, #6	static	66	only without Augmented Reality Camera Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	Yes	CSC 1-02
	Mercedes	Sprinter (BM906)	2013 - 2018	#1, #2, #3, #4, #5, #6	static	45	---	Yes	CSC 1-02
	Mercedes	Sprinter (BM907/910)	2018 -	#1, #2, #3, #4, #5, #6	static	57	---	Yes	CSC 1-02
	Mercedes	T-Class (BM420)	2022-	#1, #2, #3, #4, #5, #6	dynamic	69	---	No	No
	Mercedes	V-Class (BM447)	2014 -	#1, #2, #3, #4, #5, #6	static	49	---	Yes	CSC 1-02
	Mercedes	V-Class (BM448)	2017 -	#1, #2, #3, #4, #5, #6	static	52	---	Yes	CSC 1-02
	Mercedes	X-Class (BM470)	2018 -	#1, #2, #3, #4, #5, #6	static	55	---	Yes	CSC 1-04
	Mercedes	X-Class (BM471)	2019 -	#1, #2, #3, #4, #5, #6	static	56	---	Yes	CSC 1-04
	MG	Marvel R EV	2021 -	#1, #2, #3, #4	dynamic	71	---	No	No
	MG	Zs EV	2021 -	#1, #2, #3, #4	dynamic	71	---	No	No
new in V72	MG	MG 5	2021-	#1, #2, #3, #4	dynamic	72	---	No	No
	Mini	Mini (F55/F56)	2014 -	#1, #2, #3, #4, #5, #6	dynamic	49	---	No	No
	Mini	Mini Convertible (F57)	2016 -	#1, #2, #3, #4, #5, #6	dynamic	51	---	No	No
	Mini	Mini Clubman (F54)	2015 -	#1, #2, #3, #4, #5, #6	dynamic	49	---	No	No
	Mini	Mini Countryman (F60)	2017 -	#1, #2, #3, #4, #5, #6	dynamic	52	---	No	No
	Mitsubishi	ASX	2017 - 2018	#1, #2, #3, #4	static	56	---	Yes	CSC 1-17
	Mitsubishi	ASX	2018 -	#1, #2, #3, #4	static	62	---	Yes	CSC 1-17
	Mitsubishi	Eclipse Cross	2018 -	#1, #2, #3, #4	static	54	---	Yes	CSC 1-17
	Mitsubishi	Eclipse Cross Hybrid	2021 -	#1, #2, #3, #4, #5, #6	static	63	---	Yes	CSC 1-17
	Mitsubishi	L200	2015 - 2019	#1, #2, #3, #4	dynamic	50	---	No	No
	Mitsubishi	L200	2019 -	#1, #2, #3, #4	static	62	---	Yes	CSC 1-17
	Mitsubishi	Outlander III	2012 - 2016	#1, #2, #3, #4	dynamic	47	---	No	No
	Mitsubishi	Outlander III Facelift	2017 -	#1, #2, #3, #4	static	54	---	Yes	CSC 1-17
	Nissan	Micra	2017 -	#1, #2, #3, #4, #5, #6	static	53	---	Yes	CSC 1-04
	Nissan	New Leaf	2018 -	#1, #2, #3, #4, #5, #6	static	55	---	Yes	CSC 1-04
	Nissan	Qashqai	2013 - 2017	#1, #2, #3, #4, #5, #6	static	49	---	Yes	CSC 1-04
	Nissan	Qashqai Facelift	2017 -	#1, #2, #3, #4, #5, #6	static	54	---	Yes	CSC 1-04
	Nissan	X-Trail	2014 - 2017	#1, #2, #3, #4, #5, #6	static	49	---	Yes	CSC 1-04
	Nissan	X-Trail Facelift	2017 -	#1, #2, #3, #4, #5, #6	static	53	---	Yes	CSC 1-04
	Opel	Ampera	2011 - 2015	#1, #2, #3, #4	dynamic	49	#1 only with LDWS/calibration not required	No	No
	Opel	Ampera E	2017 -	#1, #2, #3, #4	dynamic	59	#1 only with LDWS	No	No
	Opel	Astra J	2009 - 2017	#1, #2, #3, #4	dynamic	48	#1 only with LDWS	No	No
	Opel	Astra K	2015 -	#1, #2, #3, #4	dynamic	50	#1 only with LDWS	No	No
	Opel	Astra L	2022 -	#1, #2, #3, #4, #5, #6	dynamic & static	71	dynamic or static calibration possible	yes/no	CSC 1-05
	Opel	Cascada	2013 -	#1, #2, #3, #4	dynamic	48	#1 only with LDWS/calibration not required	No	No
	Opel	Combo-E	2018 -	#1, #2, #3, #4	static	57	#1 only with LDWS	Yes	CSC 1-05
	Opel	Corsa E	2014 - 2020	#1, #2, #3, #4	dynamic	49	#1 only with LDWS/calibration not required	No	No
	Opel	Corsa F	2020 -	#1, #2, #3, #4	dynamic & static	62	dynamic or static calibration possible	Yes	CSC 1-05
	Opel	Crossland X	2017 -	#1, #2, #3, #4	static	55	#1 only with LDWS	Yes	CSC 1-05
new in V72	Opel	Grandland	2022-	#1, #2, #3, #4, #5, #6	dynamic & static	72	---	yes/no	CSC 1-05
	Opel	Grandland X	2017 -	#1, #2, #3, #4	static	55	#1 only with LDWS	Yes	CSC 1-05
	Opel	Insignia A	2009 - 2017	#1, #2, #3, #4	dynamic	47	#1 only with LDWS	No	No
	Opel	Insignia B	2017 -	#1, #2, #3, #4	dynamic	55	#1 only with LDWS	No	No
	Opel	Karl	2015 -	#1, #2, #3, #4	dynamic	50	#1 only with LDWS/calibration not required	No	No
	Opel	Mokka	2012 - 2016	#1, #2, #3, #4	dynamic	47	#1 only with LDWS/calibration not required	No	No
	Opel	Mokka X	2016 -	#1, #2, #3, #4	dynamic	54	#1 only with LDWS/calibration not required	No	No

Status Version	Manufacturer	Model	Year	Calibration required by	Calibration type	Available since version	Notes	Equipment	
								CSC-Tool	Targets
	Opel	Mokka-B	2020 -	#1	dynamic & static	63	Static procedure often not supported. In this case, use dynamic procedure.	Yes	CSC 1-05
	Opel	Vivaro C	2019 -	#1, #2, #3, #4	dynamic	62	---	No	No
	Opel	Zafira Life	2019 -	#1, #2, #3, #4	dynamic	62	---	No	No
	Opel	Zafira Tourer	2011 - 2019	#1, #2, #3, #4	dynamic	49	#1 only with LDWS/calibration not required	No	No
	Peugeot	108	2014 -	#1, #4, #6	static	50	---	Yes	CSC 1-11
	Peugeot	308	2016 - 2017	#1, #4, #6	dynamic	53	---	No	No
	Peugeot	3008	2016 - 2017	#1, #4, #6	dynamic	51	---	No	No
	Peugeot	2008 II	2020 -	#1, #4, #6	dynamic & static	59	dynamic or static calibration possible	yes/no	CSC 1-05
	Peugeot	208 II	2019 -	#1, #4, #6	dynamic & static	58	dynamic or static calibration possible	yes/no	CSC 1-05
	Peugeot	3008 II	2018 -	#1, #4, #6	static	55	---	Yes	CSC 1-05
	Peugeot	308 II	2018 -	#1, #4, #6	static	55	---	Yes	CSC 1-05
	Peugeot	308 III	2021 -	#1, #2, #3, #4	static & dynamic	68	---	Yes	CSC 1-05
	Peugeot	5008 II	2016 - 2017	#1, #4, #6	dynamic	52	---	No	No
	Peugeot	5008 II	2018 -	#1, #4, #6	static	55	---	Yes	CSC 1-05
	Peugeot	508 II	2018 -	#1, #4, #6	dynamic	55	---	No	No
	Peugeot	Boxer	2014 -	#1, #2, #3, #4	static	49	---	Yes	CSC 1-05
	Peugeot	Expert/Traveller	2016 -	#1, #4, #6	dynamic	51	---	No	No
	Peugeot	Partner	2018 -	#1, #4, #6	dynamic	61	---	No	No
	Peugeot	Rifter	2018 -	#1, #4, #6	dynamic	55	---	No	No
	Polestar	P2	2020 -	#1, #2, #3, #4, #5, #6	static	69	---	Yes	CSC 1-02
	Porsche	911 (991)	2011 - 2019	#1, #2, #3, #5, #6	static	49	---	Yes	CSC 1-01
	Porsche	911 (992)	2019 -	#1, #2, #3, #5, #6	static	62	---	Yes	CSC 1-01
	Porsche	Boxster (981)	2012 - 2016	#1, #2, #3, #5, #6	static	49	---	Yes	CSC 1-01
	Porsche	Boxster 718 (982)	2016 -	#1, #2, #3, #5, #6	static	51	---	Yes	CSC 1-01
	Porsche	Cayenne (92A)	2010 - 2017	#1, #2, #3, #5, #6	static	49	---	Yes	CSC 1-01
	Porsche	Cayenne (9YA)	2017 -	#1, #2, #3, #5, #6	static	57	---	Yes	CSC 1-01
	Porsche	Cayman (981)	2012 - 2016	#1, #2, #3, #5, #6	static	49	---	Yes	CSC 1-01
	Porsche	Cayman 718 (982)	2016 -	#1, #2, #3, #5, #6	static	51	---	Yes	CSC 1-01
	Porsche	Macan (95B)	2014 - 2018	#1, #2, #3, #5, #6	static	49	---	Yes	CSC 1-01
	Porsche	Macan Facelift (95B)	2018 -	#1, #2, #3, #5, #6	static	56	---	Yes	CSC 1-01
	Porsche	Panamera (970)	2011 - 2016	#1, #2, #3, #5, #6	static	49	---	Yes	CSC 1-01
	Porsche	Panamera (971)	2017 -	#1, #2, #3, #5, #6	static	55	---	Yes	CSC 1-01
	Porsche	Taycan (Y1A)	2020 -	#1, #2, #3, #5, #6	static	63	---	Yes	CSC 1-01
	Renault	Arkana	2020 -	#1, #2, #3, #4, #6	static	66	Precondition: SGW activation via HGS CSM or OEM portal and the use of the PassThru function via the VCI.	Yes	CSC 1-03
	Renault	Captur II	2019 -	#1, #2, #3, #4, #6	static	60	Precondition: SGW activation via HGS CSM or OEM portal and the use of the PassThru function via the VCI.	Yes	CSC 1-03
	Renault	Clio V	2019 -	#1, #2, #3, #4, #6	static	60	Precondition: SGW activation via HGS Cyber Security Management or OEM portal and the use of the PassThru function via the VCI.	Yes	CSC 1-03
	Renault	space-V Facelift	2020 -	#1, #2, #3, #4, #6	static	68	Precondition: SGW activation via HGS Cyber Security Management or OEM portal and the use of the PassThru function via the VCI.	Yes	CSC 1-03
	Renault	Kadjar	2015 - 2018	#1, #2, #3, #4, #6	static	49	---	Yes	CSC 1-03
	Renault	Kadjar Facelift	2018 -	#1, #2, #3, #4, #6	static	55	---	Yes	CSC 1-03
	Renault	Kangoo III	2021 -	#1, #2, #3, #4, #6	dynamic	71	Precondition: SGW activation via HGS Cyber Security Management or OEM portal and the use of the PassThru function via the VCI.	No	No
	Renault	Koleos	2017 -	#1, #2, #3, #4, #6	static	53	---	Yes	CSC 1-03
	Renault	Master	2015 -	#1, #2, #3, #4, #6	static	54	---	Yes	CSC 1-03
<b>new in V72</b>	Renault	Megane e-Tech Electric	2021 -	#1, #2, #3, #4	dynamic	72	Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	No	No
	Renault	Megane III	2008 - 2016	#1, #2, #3, #4, #6	static	48	---	Yes	CSC 1-03
	Renault	Megane IV	2016 - 2018	#1, #2, #3, #4, #6	static	51	---	Yes	CSC 1-03
	Renault	Megane IV Facelift	2018 -	#1, #2, #3, #4, #6	static	62	Precondition: SGW activation via HGS Cyber Security Management or OEM portal and the use of the PassThru function via the VCI.	Yes	CSC 1-03
	Renault	New Espace	2015 -	#1, #2, #3, #4, #6	static	49	---	Yes	CSC 1-03
	Renault	Scenic III	2012 - 2016	#1, #2, #3, #4, #6	static	48	---	Yes	CSC 1-03
	Renault	Scenic IV	2016 -	#1, #2, #3, #4, #6	static	53	---	Yes	CSC 1-03
	Renault	Talisman	2016 -	#1, #2, #3, #4, #6	static	51	---	Yes	CSC 1-03
	Renault	Talisman Facelift	2018 -	#1, #2, #3, #4, #6	static	62	Precondition: SGW activation via HGS Cyber Security Management or OEM portal and the use of the PassThru function via the VCI.	Yes	CSC 1-03
	Renault	Twingo III	2014 -	#1, #2, #3, #4, #6	static	48	---	Yes	CSC 1-03
	Renault	oe	2019 -	#1, #2, #3, #4, #6	static	60	Precondition: SGW activation via HGS Cyber Security Management or OEM portal and the use of the PassThru function via the VCI.	Yes	CSC 1-03
	Seat	Alhambra (71)	2010 -	#1, #2, #3, #5, #6	static	47	---	Yes	CSC 1-01
	Seat	Arona (KJ)	2022 -	#1, #2, #3, #5, #6	dynamic & static	66	dynamic or static calibration possible	yes/no	CSC 1-01
	Seat	Ateca (KH)	2016 -	#1, #2, #3, #5, #6	dynamic & static	52	dynamic or static calibration possible	Yes	CSC 1-01
	Seat	Ibiza (KJ)	2022 -	#1, #2, #3, #5, #6	dynamic & static	66	dynamic or static calibration possible	yes/no	CSC 1-01
	Seat	Leon (5F)	2012 - 2020	#1, #2, #3, #5, #6	static	46	---	Yes	CSC 1-01
	Seat	Leon (KL)	2020 -	#1, #2, #3, #5, #6	dynamic & static	60	dynamic or static calibration possible	yes/no	CSC 1-01
	Seat	Mii electric (KE)	2020 -	#1, #2, #3, #5, #6	static	59	---	Yes	CSC 1-01
	Seat	Tarraco (KN)	2019 -	#1, #2, #3, #5, #6	dynamic & static	56	dynamic or static calibration possible	Yes	CSC 1-01
	Skoda	Citigo E IV (NE)	2020 -	#1, #2, #3, #5, #6	static	59	---	Yes	CSC 1-01
	Skoda	Enyaq (5A)	2021 -	#1, #2, #3, #5, #6	dynamic & static	62	dynamic or static calibration possible	yes/no	CSC 1-01
	Skoda	Fabia (PJ)	2021 -	#1, #2, #3, #5, #6	static	64	---	Yes	CSC 1-01
	Skoda	Kamiq (NW)	2019 -	#1, #2, #3, #5, #6	static	58	---	Yes	CSC 1-01
	Skoda	Karoq (NU)	2018 -	#1, #2, #3, #5, #6	static	55	---	Yes	CSC 1-01
	Skoda	Kodiaq (NS)	2017 -	#1, #2, #3, #5, #6	static	52	---	Yes	CSC 1-01
	Skoda	Octavia (5E)	2013 - 2020	#1, #2, #3, #5, #6	static	46	---	Yes	CSC 1-01
	Skoda	Octavia (NX)	2020 -	#1, #2, #3, #5, #6	dynamic & static	59	dynamic or static calibration possible	yes/no	CSC 1-01
	Skoda	Scala (NW)	2019 -	#1, #2, #3, #5, #6	static	57	---	Yes	CSC 1-01
	Skoda	Superb (3V)	2015 -	#1, #2, #3, #5, #6	dynamic & static	49	dynamic or static calibration possible	Yes	CSC 1-01
	Smart	ForFour	2014 -	#1, #4	static	49	---	Yes	CSC 1-03
	Smart	ForTwo	2014 -	#1, #4	static	49	---	Yes	CSC 1-03
	Subaru	Forester	2013 - 2019	#1, #2, #3, #4	static	56	---	Yes	CSC 1-10
	Subaru	Impreza	2018 -	#1, #2, #3, #4	static	56	---	Yes	CSC 1-10
	Subaru	Legacy/Outback	2015 -	#1, #2, #3, #4	static	50	---	Yes	CSC 1-10
	Subaru	Levorg	2016 -	#1, #2, #3, #4	static	52	---	Yes	CSC 1-10
	Subaru	Outback (BT)	2021 -	#1, #2, #3, #4	static	69	---	Yes	CSC 1-10
<b>new in V72</b>	Subaru	Solterra	2022 -	#1, #2, #3, #4, #6	static	72	---	Yes	CSC 1-11
	Subaru	XV	2018 -	#1, #2, #3, #4	static	56	---	Yes	CSC 1-10
	Suzuki	Across	2020 -	#1, #2, #3, #4	static	62	---	Yes	CSC 1-11
	Suzuki	Ignis	2016 -	#1, #2, #3, #4	static	55	---	Yes	CSC 1-18
	Suzuki	Jimny	2018 -	#1, #2, #3, #4	static	56	---	Yes	CSC 1-19
	Suzuki	S-Cross	2022 -	#1, #2, #3, #4	dynamic & static	70	static and dynamic calibration necessary	Yes	CSC 1-19
	Suzuki	Swace	2020 -	#1, #2, #3, #4	static	62	---	Yes	CSC 1-11
	Suzuki	Swift	2017 -	#1, #2, #3, #4	static	55	---	Yes	CSC 1-19
	Suzuki	Vitara	2018 -	#1, #2, #3, #4	static	63	---	Yes	CSC 1-19
	Suzuki	Vitara Hybrid	2018 -	#1, #2, #3, #4	static	63	---	Yes	CSC 1-19
	Toyota	Auris	2015 -	#1, #2, #4, #6	static	50	---	Yes	CSC 1-11
	Toyota	Avensis	2015 -	#1, #2, #4, #6	static	51	---	Yes	CSC 1-11
	Toyota	Aygo	2014 -	#1, #2, #4, #6	static	50	---	Yes	CSC 1-11
	Toyota	Aygo X	2022 -	#1, #2, #4, #6	static	70	---	Yes	CSC 1-11
	Toyota	bZ4X	2022 -	#1, #2, #4, #6	static	71	---	Yes	CSC 1-11
	Toyota	Camry	2011 - 2017	#1, #2, #4, #6	static	59	---	Yes	CSC 1-08
	Toyota	Camry	2017 - 2021	#1, #2, #4, #6	static	55	---	Yes	CSC 1-13
	Toyota	Camry	2021 -	#1, #2, #4, #6	static	65	---	Yes	CSC 1-11
	Toyota	C-HR	2016 - 2020	#1, #2, #4, #6	static	52	---	Yes	CSC 1-14
	Toyota	C-HR	2020 -	#1, #2, #4, #6	static	62	---	Yes	CSC 1-11
	Toyota	C-HR Hybrid	2016 -	#1, #2, #4, #6	static	56	---	Yes	CSC 1-13
	Toyota	Corolla	2015 - 2018	#1, #2, #4, #6	static	53	---	Yes	CSC 1-11
	Toyota	Corolla	2018 -	#1, #2, #4, #6	static	58	---	Yes	CSC 1-11

Status Version	Manufacturer	Model	Year	Calibration required by	Calibration type	Available since version	Notes	Equipment	
								CSC-Tool	Targets
	Toyota	Corolla Cross	2022-	#1,#2,#4,#6	static	70	---	Yes	CSC 1-11
<b>new in V72</b>	Toyota	Corolla Hybrid	2023-	#1,#2,#3,#4,#6	static	72	---	Yes	CSC 1-11
	Toyota	Corolla sedan	2018 -	#1,#2,#4,#6	static	60	---	Yes	CSC 1-11
	Toyota	Hiace	2019 -	#1,#2,#4,#6	static	61	only for Australian model variant	Yes	CSC 1-11
	Toyota	Highlander	2014 - 2018	#1,#2,#4,#6	static	49	---	Yes	CSC 1-08
	Toyota	Highlander	2018 - 2020	#1,#2,#4,#6	static	57	---	Yes	CSC 1-13
	Toyota	Highlander	2020 -	#1,#2,#4,#6	static	62	---	Yes	CSC 1-11
	Toyota	Hilux	2016 - 2020	#1,#2,#4,#6	static	52	---	Yes	CSC 1-13
	Toyota	Hilux	2020 -	#1,#2,#4,#6	static	61	---	Yes	CSC 1-11
	Toyota	Land Cruiser	2016 - 2020	#1,#2,#4,#6	static	52	---	Yes	CSC 1-13
	Toyota	Land Cruiser Prado	2020 -	#1,#2,#4,#6	static	62	---	Yes	CSC 1-11
	Toyota	Mirai	2021 -	#1,#2,#4,#6	Static	71	---	Yes	CSC 1-11
	Toyota	Prius	2016 -	#1,#2,#4,#6	static	52	---	Yes	CSC 1-13
	Toyota	Prius	2009 - 2016	#1,#2,#4,#6	static	49	---	Yes	CSC 1-08
	Toyota	Prius	2020-	#1,#2,#3,#4,#6	static	63	---	Yes	CSC 1-11
<b>new in V72</b>	Toyota	Prius PHV Plug-In Hybrid	2020-	#1,#2,#3,#4,#6	static	63	---	Yes	CSC 1-11
	Toyota	Prius Plug-In Hybrid	2023-	#1,#2,#3,#4,#6	static	72	---	Yes	CSC 1-11
	Toyota	Prius Plus	2017 -	#1,#2,#4,#6	static	56	---	Yes	CSC 1-13
	Toyota	Proace	2016 - 2019	#1,#2,#4,#6	dynamic	52	---	No	No
	Toyota	Proace	2019 -	#1,#2,#4,#6	dynamic	62	---	No	No
	Toyota	Proace Electric	2021-	#1,#2,#4,#6	dynamic	66	---	No	No
	Toyota	RAV4	2012 - 2016	#1,#2,#4,#6	static	49	---	Yes	CSC 1-08
	Toyota	RAV4	2016 - 2018	#1,#2,#4,#6	static	52	---	Yes	CSC 1-13
	Toyota	RAV4	2018 -	#1,#2,#4,#6	static	58	---	Yes	CSC 1-11
	Toyota	RAV4 PHV Plug-In Hybrid	2020 -	#1,#2,#4,#6	static	62	---	Yes	CSC 1-11
	Toyota	Verso	2016 -	#1,#2,#4,#6	static	51	---	Yes	CSC 1-11
	Toyota	Yaris	2014 - 2017	#1,#2,#4,#6	static	50	---	Yes	CSC 1-11
	Toyota	Yaris	2017 - 2020	#1,#2,#4,#6	static	56	---	Yes	CSC 1-11
	Toyota	Yaris	2020 -	#1,#2,#4,#6	static	61	---	Yes	CSC 1-11
	Toyota	Yaris Cross	2020-	#1,#2,#3,#4,#6	static	63	---	Yes	CSC 1-11
	Toyota	Yaris Cross Hybrid	2020-	#1,#2,#3,#4,#6	static	63	---	Yes	CSC 1-11
	Vauxhall	Astra J	2009 - 2017	#1,#2,#3,#4	dynamic	48	#1 only with LDWS	No	No
	Vauxhall	Astra K	2015 -	#1,#2,#3,#4	dynamic	50	#1 only with LDWS	No	No
	Vauxhall	Cascada	2013 -	#1,#2,#3,#4	dynamic	48	#1 only with LDWS/calibration not required	No	No
	Vauxhall	Corsa E	2014 -	#1,#2,#3,#4	dynamic	49	#1 only with LDWS/calibration not required	No	No
	Vauxhall	Insignia A	2009 - 2017	#1,#2,#3,#4	dynamic	47	#1 only with LDWS	No	No
	Vauxhall	Mokka	2012 - 2016	#1,#2,#3,#4	dynamic	47	#1 only with LDWS/calibration not required	No	No
	Vauxhall	Viva	2015 -	#1,#2,#3,#4	dynamic	50	#1 only with LDWS/calibration not required	No	No
	Vauxhall	Zafira Tourer	2011 -	#1,#2,#3,#4	dynamic	49	#1 only with LDWS/calibration not required	No	No
	Volvo	S60 II/V60	2011 - 2018	#1,#2,#3,#4,#5,#6	dynamic	41	---	No	No
	Volvo	S60 III/V60 II	2018 -	#1,#2,#3,#4,#5,#6	dynamic	55	required Front Camera Leveling Aid (8PD 010 611-991)	No	No
	Volvo	S80 II/V70 III/XC70 III	2008 - 2016	#1,#2,#3,#4,#5,#6	dynamic	41	---	No	No
	Volvo	S90 II/V90 II	2016 -	#1,#2,#3,#4,#5,#6	dynamic	51	required Front Camera Leveling Aid (8PD 010 611-991)	No	No
	Volvo	V40	2012 -	#1,#2,#3,#4,#5,#6	dynamic	47	---	No	No
	Volvo	XC40	2018 -	#1,#2,#3,#4,#5,#6	dynamic	55	required Front Camera Leveling Aid (8PD 010 611-991)	No	No
	Volvo	XC60	2008 - 2016	#1,#2,#3,#4,#5,#6	dynamic	41	---	No	No
	Volvo	XC60 II	2017 -	#1,#2,#3,#4,#5,#6	dynamic	53	required Front Camera Leveling Aid (8PD 010 611-991)	No	No
	Volvo	XC90	2015 -	#1,#2,#3,#4,#5,#6	dynamic	51	required Front Camera Leveling Aid (8PD 010 611-991)	No	No
	Volvo	XC40 Recharge Pure Electric	2018-	#1,#2,#3,#4,#5,#6	static	69	---	Yes	CSC 1-02
	Volkswagen	Arteon (3H)	2017 -	#1,#2,#3,#5,#6	dynamic & static	53	dynamic or static calibration possible	yes/no	CSC 1-01
	Volkswagen	Caddy (SA)	2015 - 2021	#1,#2,#3,#5,#6	static	56	---	Yes	CSC 1-01
	Volkswagen	Caddy (SB)	2021 -	#1,#2,#3,#5,#6	dynamic & static	61	dynamic or static calibration possible	yes/no	CSC 1-01
	Volkswagen	CC (35)	2012 - 2017	#1,#2,#3,#5,#6	static	45	---	Yes	CSC 1-01
	Volkswagen	Crafter (2E/2F)	2014 - 2017	#1,#2,#3,#5,#6	static	54	---	Yes	CSC 1-02
	Volkswagen	Crafter (SZ/SY)	2017 -	#1,#2,#3,#5,#6	static	52	---	Yes	CSC 1-01
	Volkswagen	e-up! (BL)	2020 -	#1,#2,#3,#5,#6	static	59	---	Yes	CSC 1-01
	Volkswagen	Golf 7 (5G/BA)	2012 - 2020	#1,#2,#3,#5,#6	static	45	---	Yes	CSC 1-01
	Volkswagen	Golf 7 Sportsvan (AM)	2014 -	#1,#2,#3,#5,#6	static	45	---	Yes	CSC 1-01
	Volkswagen	Golf 8 (CD)	2020 -	#1,#2,#3,#5,#6	dynamic & static	59	dynamic or static calibration possible	yes/no	CSC 1-01
	Volkswagen	ID.3 (E1)	2020 -	#1,#2,#3,#5,#6	dynamic & static	60	dynamic or static calibration possible	yes/no	CSC 1-01
	Volkswagen	ID.4 (E2)	2021 -	#1,#2,#3,#5,#6	dynamic & static	61	dynamic or static calibration possible	yes/no	CSC 1-01
	Volkswagen	ID.5 (E3)	2022 -	#1,#2,#3,#5,#6	dynamic & static	66	dynamic or static calibration possible	yes/no	CSC 1-01
	Volkswagen	ID.Buzz (EB)	2022-	#1,#2,#3,#4,#5,#6	dynamic	69	---	No	No
	Volkswagen	Passat (36)	2010 - 2014	#1,#2,#3,#5,#6	static	45	---	Yes	CSC 1-01
	Volkswagen	Passat (3C)	2005 - 2010	#1,#2,#3,#5,#6	static	45	---	Yes	CSC 1-01
	Volkswagen	Passat (3G)	2015 - 2019	#1,#2,#3,#5,#6	static	48	---	Yes	CSC 1-01
	Volkswagen	Passat (CB)	2019 -	#1,#2,#3,#5,#6	dynamic & static	48	dynamic or static calibration possible	yes/no	CSC 1-01
	Volkswagen	Passat CC (35)	2008 - 2012	#1,#2,#3,#5,#6	static	45	---	Yes	CSC 1-01
	Volkswagen	Phaeton (3D)	2010 - 2016	#1,#2,#3,#5,#6	static	50	---	Yes	CSC 1-01
	Volkswagen	Polo (AE)	2021 -	#1,#2,#3,#5,#6	dynamic & static	65	dynamic or static calibration possible	yes/no	CSC 1-01
	Volkswagen	Polo (AW)	2017 - 2021	#1,#2,#3,#5,#6	dynamic & static	61	dynamic or static calibration possible	yes/no	CSC 1-01
	Volkswagen	Sharan (7N)	2010 -	#1,#2,#3,#5,#6	static	47	---	Yes	CSC 1-01
	Volkswagen	T6.1	2019 -	#1,#2,#3,#5,#6	dynamic & static	59	dynamic or static calibration possible	yes/no	CSC 1-01
	Volkswagen	T7 (ST)	2022 -	#1,#2,#3,#5,#6	dynamic & static	65	dynamic or static calibration possible	yes/no	CSC 1-01
	Volkswagen	Taigo (CS)	2022 -	#1,#2,#3,#5,#6	dynamic & static	65	dynamic or static calibration possible	yes/no	CSC 1-01
	Volkswagen	T-Cross (C1)	2019 -	#1,#2,#3,#5,#6	dynamic & static	57	dynamic or static calibration possible	yes/no	CSC 1-01
	Volkswagen	Tiguan (5N)	2011 - 2016	#1,#2,#3,#5,#6	static	47	---	Yes	CSC 1-01
	Volkswagen	Tiguan (AD)	2016 - 2021	#1,#2,#3,#5,#6	static	51	---	Yes	CSC 1-01
	Volkswagen	Tiguan (AX)	2021 -	#1,#2,#3,#5,#6	dynamic & static	61	dynamic or static calibration possible	yes/no	CSC 1-01
	Volkswagen	Tiguan Allspace (BJ)	2021 -	#1,#2,#3,#5,#6	dynamic & static	65	dynamic or static calibration possible	yes/no	CSC 1-01
	Volkswagen	Tiguan Allspace (BW)	2017 - 2021	#1,#2,#3,#5,#6	static	51	---	Yes	CSC 1-01
	Volkswagen	Touareg (7P)	2010 - 2018	#1,#2,#3,#5,#6	static	45	---	Yes	CSC 1-01
	Volkswagen	Touareg (CR)	2018 -	#1,#2,#3,#5,#6	static	56	---	Yes	CSC 1-01
	Volkswagen	Touran (1T3)	2010 - 2015	#1,#2,#3,#5,#6	static	45	---	Yes	CSC 1-01
	Volkswagen	Touran (5T)	2015 -	#1,#2,#3,#5,#6	static	50	---	Yes	CSC 1-01
	Volkswagen	T-Roc (A1)	2017 -	#1,#2,#3,#5,#6	static	55	---	Yes	CSC 1-01
	Volkswagen	T-Roc (D1)	2022 -	#1,#2,#3,#5,#6	dynamic & static	66	dynamic or static calibration possible	yes/no	CSC 1-01
	Volkswagen	up! (12)	2018 -	#1,#2,#3,#5,#6	static	61	---	Yes	CSC 1-01

## 2 Vehicle Coverage Rear View Camera

Basic precondition: mega macs PC, 77, 66, 56, 42SE, ONE, X

**Calibration required:**

- #1 change rear view camera
- #2 change camera ECU
- #3 rear deck modification/adjustment
- #4 after height adjustment of suspension
- #5 fault code
- #6 change rear bumper
- #7 calibration not required

Status Version	Manufacturer	Model	Year	Calibration required by	Calibration type	Available since version	Equipment for positioning		Equipment for calibration
							CSC-Tool	Rear Cam Kit I Basic profile	Targets
	Audi	A1 (GB)	2018 -	#1, #2, #3, #4, #5	static	56	Yes	Yes	CSC 2-01
	Audi	A3 (8V)	2012 -	#1, #2, #3, #4, #5	static	52	Yes	Yes	CSC 2-01
	Audi	A3 (8Y)	2020 -	#1, #2, #3, #4, #5	static	66	Yes	Yes	CSC 2-01
	Audi	A4 (8K)	2008 - 2015	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-01
	Audi	A4 (8W)	2015 -	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-01
	Audi	A5 (8T/8F)	2007 - 2016	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-01
	Audi	A5 (F5)	2016 -	#1, #2, #3, #4, #5	static	52	Yes	Yes	CSC 2-01
	Audi	A6 (4A)	2018 -	#1, #2, #3, #4, #5	static	56	Yes	Yes	CSC 2-01
	Audi	A6 (4F)	2004 - 2011	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-01
	Audi	A6 (4G)	2011 - 2018	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-01
	Audi	A7 (4G)	2010 - 2018	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-01
	Audi	A7 (4K)	2018 -	#1, #2, #3, #4, #5	static	56	Yes	Yes	CSC 2-01
	Audi	A8 (4E)	2005 - 2010	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-01
	Audi	A8 (4H)	2010 - 2017	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-01
	Audi	A8 (4N)	2017 -	#1, #2, #3, #4, #5	static	56	Yes	Yes	CSC 2-01
	Audi	e-tron (GE)	2019 -	#1, #2, #3, #4, #5	static	58	Yes	Yes	CSC 2-01
	Audi	e-tron GT (F8)	2021 -	#1, #2, #3, #4, #5	static	66	Yes	Yes	CSC 2-01
	Audi	Q2 (GA)	2016 -	#1, #2, #3, #4, #5	static	52	Yes	Yes	CSC 2-01
	Audi	Q3 (8U)	2011 -	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-01
	Audi	Q3 (F3)	2018 -	#1, #2, #3, #4, #5	static	56	Yes	Yes	CSC 2-01
	Audi	Q5 (8R)	2008 - 2016	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-01
	Audi	Q5 (FY)	2017 -	#1, #2, #3, #4, #5	static	52	Yes	Yes	CSC 2-01
	Audi	Q7 (4L)	2005 - 2015	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-01
	Audi	Q7 (4M)	2015 -	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-01
	Audi	Q8 (4M)	2018 -	#1, #2, #3, #4, #5	static	56	Yes	Yes	CSC 2-01
	Audi	Q8 e-Tron (GE)	2023 -	#1, #2, #3, #4, #5	static	71	Yes	Yes	CSC 2-01
	Audi	TT (FV)	2014 -	#1, #2, #3, #4, #5	static	71	Yes	Yes	CSC 2-01
	BMW	1 Series (F20/F21)	2011 - 2019	#1, #2, #3, #4, #5	dynamic	49	No	No	No
	BMW	2 Series (F45/F46/F22/F23)	2014 -	#1, #2, #3, #4, #5	dynamic	50	No	No	No
	BMW	3 Series (F30/F31/F34/F80)	2011 -	#1, #2, #3, #4, #5	dynamic	49	No	No	No
	BMW	3 Series (G20/G21/G80)	2019 -	#1, #2, #3, #4, #5	dynamic	70	No	No	No
	BMW	4 Series (F32/F33/F36/F82/F83)	2013 -	#1, #2, #3, #4, #5	dynamic	49	No	No	No
	BMW	5 Series (F07/F10/F11/F18)	2010 - 2017	#1, #2, #3, #4, #5	dynamic	49	No	No	No
	BMW	5 Series (G30/G31)	2017 -	#1, #2, #3, #4, #5	dynamic	59	No	No	No
	BMW	6 Series (F06/F12/F13)	2011 -	#1, #2, #3, #4, #5	dynamic	49	No	No	No
	BMW	6 Series GT (G32)	2017 -	#1, #2, #3, #4, #5	dynamic	59	No	No	No
	BMW	7 Series (F01/F02/F03/F04)	2008 - 2015	#1, #2, #3, #4, #5	dynamic	49	No	No	No
	BMW	7 Series (G11/G12)	2015 -	#1, #2, #3, #4, #5	dynamic	59	No	No	No
	BMW	8 Series (G14/G15/G16)	2019 -	#1, #2, #3, #4, #5	dynamic	59	No	No	No
	BMW	i8 (I12)	2014 -	#1, #2, #3, #4, #5	dynamic	51	No	No	No
	BMW	i8 Roadster (I15)	2018 -	#1, #2, #3, #4, #5	dynamic	51	No	No	No
	BMW	X1 (F48)	2015 -	#1, #2, #3, #4, #5	dynamic	51	No	No	No
	BMW	X2 (F39)	2017 -	#1, #2, #3, #4, #5	dynamic	53	No	No	No
	BMW	X3 (F25)	2010 - 2017	#1, #2, #3, #4, #5	dynamic	49	No	No	No
	BMW	X3 (G01)	2017 -	#1, #2, #3, #4, #5	dynamic	59	No	No	No
	BMW	X4 (F26)	2014 - 2018	#1, #2, #3, #4, #5	dynamic	49	No	No	No
	BMW	X4 (G02)	2017 -	#1, #2, #3, #4, #5	dynamic	59	No	No	No
	BMW	X5 (F15/F85)	2013 - 2018	#1, #2, #3, #4, #5	dynamic	49	No	No	No
	BMW	X5 (G05)	2018 -	#1, #2, #3, #4, #5	dynamic	59	No	No	No
	BMW	X6 (F16/F86)	2014 -	#1, #2, #3, #4, #5	dynamic	49	No	No	No
	BMW	X6 (G06)	2019 -	#1, #2, #3, #4, #5	dynamic	59	No	No	No
	BMW	X7 (G07)	2019 -	#1, #2, #3, #4, #5	dynamic	59	No	No	No
	Cupra	Formentor (KM)	2020 -	#1, #2, #3, #4, #5	static	66	Yes	Yes	CSC 2-01
	MAN	TGE (UY/ZU)	2017 -	#1, #2, #3, #4, #5	static	56	Yes	Yes	CSC 2-01
	Mercedes	A-Class (BM176)	2012 -	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-02
	Mercedes	B-Class (BM246)	2011 - 2018	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-02
	Mercedes	C-Class (BM204) facelift	2011 - 2013	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-02
	Mercedes	C-Class (BM205)	2014 -	#7	dynamic	50	No	No	No
	Mercedes	CLA-Class (BM117)	2012 -	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-02
	Mercedes	CLS-Class (BM218)	2011 -	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-02
	Mercedes	E-Class (BM212)	2009 - 2016	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-02
	Mercedes	E-Class (BM213)	2016 -	#1, #2, #3, #4, #5	static	53	Yes	Yes	CSC 2-02
	Mercedes	E-Class Coupe (BM207)	2009 - 2017	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-02
	Mercedes	GLA-Class (BM156)	2012 -	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-02
	Mercedes	GLC-Class (BM253)	2015 -	#7	dynamic	50	No	No	No
	Mercedes	GLE-Class (BM292)	2015 -	#7	dynamic	51	No	No	No
	Mercedes	GLK (BMX204)	2008 - 2011	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-02
	Mercedes	GLK (BMX204) facelift	2012 -	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-02
	Mercedes	GL-Class (BM166)	2011 -	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-02
	Mercedes	ML-Class (BM166)	2011 -	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-02
	Mercedes	S-Class (BM222)	2013 -	#7	dynamic	50	No	No	No
	Mercedes	S-Class Coupe (BM217)	2014 -	#7	dynamic	50	No	No	No
	Mercedes	SLK-Class (BM172)	2011 -	#7	dynamic	50	No	No	No
	Mercedes	SL-Class (BM231)	2011 -	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-02
	Nissan	Juke	2014 -	#1, #2, #3, #4, #5	static	56	Yes	Yes	CSC 2-03
	Nissan	Note	2013 -	#1, #2, #3, #4, #5	static	56	Yes	Yes	CSC 2-04
	Nissan	Pulsar	2014 -	#1, #2, #3, #4, #5	static	56	Yes	Yes	CSC 2-05
	Nissan	Qashqai	2014 -	#1, #2, #3, #4, #5	static	56	Yes	Yes	CSC 2-03
	Nissan	X-Trail	2015 -	#1, #2, #3, #4, #5	static	56	Yes	Yes	CSC 2-04
	Porsche	911 (992)	2019 -	#1, #2, #3, #4, #5	static	62	Yes	Yes	CSC 2-01
	Seat	Alhambra (71)	2010 -	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-01
	Seat	Leon (KL)	2020 -	#1, #2, #3, #4, #5	static	66	Yes	Yes	CSC 2-01
	Seat	Tarraco (KN)	2019 -	#1, #2, #3, #4, #5	static	62	Yes	Yes	CSC 2-01
	Skoda	Kodiaq (NS)	2017 -	#1, #2, #3, #4, #5	static	52	Yes	Yes	CSC 2-01
	Skoda	Octavia (5E)	2016 -	#1, #2, #3, #4, #5	static	62	Yes	Yes	CSC 2-01
	Skoda	Octavia (NX)	2020 -	#1, #2, #3, #4, #5	static	66	Yes	Yes	CSC 2-01
	Skoda	Superb (3V)	2015 -	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-01
	Volvo	S60 II	2011 -	#1, #2, #3, #4, #5	static	42	No	No	OE towing eye
	Volvo	V60	2011 -	#1, #2, #3, #4, #5	static	42	No	No	OE towing eye
	Volkswagen	Amarok (2H)	2010 - 2016	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-01
	Volkswagen	Amarok (S6/S7)	2016 -	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-01
	Volkswagen	Arteon (3H)	2017 -	#1, #2, #3, #4, #5	static	54	Yes	Yes	CSC 2-01
	Volkswagen	Caddy (SB)	2021 -	#1, #2, #3, #4, #5	static	66	Yes	Yes	CSC 2-01
	Volkswagen	CC (35)	2012 - 2017	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC 2-01
	Volkswagen	Crafter (SY/SZ)	2017 -	#1, #2, #3, #4, #5	static	56	Yes	Yes	CSC 2-01
	Volkswagen	Golf 8 (CD)	2020 -	#1, #2, #3, #4, #5	static	66	Yes	Yes	CSC 2-01

Status Version	Manufacturer	Model	Year	Calibration required by	Calibration type	Available since version	Equipment for positioning		Equipment for calibration
							CSC-Tool	Rear Cam Kit I Basic profile	Targets
	Volkswagen	Passat (36)	2010 - 2014	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC2-01
	Volkswagen	Passat (3C)	2005 - 2010	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC2-01
	Volkswagen	Passat (3G)	2015 - 2019	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC2-01
	Volkswagen	Passat (CB)	2019 -	#1, #2, #3, #4, #5	static	58	Yes	Yes	CSC2-01
	Volkswagen	Passat CC (35)	2008 - 2012	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC2-01
	Volkswagen	Phaeton (3D)	2007 - 2016	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC2-01
	Volkswagen	Sharan (7N)	2010 -	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC2-01
	Volkswagen	T5 (7E/7F)	2009 - 2015	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC2-01
	Volkswagen	T6.1 (SH)	2019 -	#1, #2, #3, #4, #5	static	59	Yes	Yes	CSC2-01
	Volkswagen	T7 (ST)	2022 -	#1, #2, #3, #4, #5	static	66	Yes	Yes	CSC2-01
	Volkswagen	Tiguan (5N)	2007 - 2016	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC2-01
	Volkswagen	Tiguan (AD)	2016 -	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC2-01
	Volkswagen	Tiguan (AX)	2021 -	#1, #2, #3, #4, #5	static	66	Yes	Yes	CSC2-01
	Volkswagen	Tiguan Allspace (BJ)	2021 -	#1, #2, #3, #4, #5	static	66	Yes	Yes	CSC2-01
	Volkswagen	Tiguan Allspace (BW)	2017 -	#1, #2, #3, #4, #5	static	54	Yes	Yes	CSC2-01
	Volkswagen	Touareg (7L)	2006 - 2010	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC2-01
	Volkswagen	Touareg (7P)	2010 - 2018	#1, #2, #3, #4, #5	static	51	Yes	Yes	CSC2-01
	Volkswagen	Touareg (CR)	2018 -	#1, #2, #3, #4, #5	static	56	Yes	Yes	CSC2-01



## 3 Vehicle Coverage Area View Camera

Basic precondition: mega macs PC, 77, 66, 56, 42SE, ONE, X

### Calibration required:

- #1 change one or more cameras
- #2 change camera ECU
- #3 camera element modification/adjustment
- #4 chassis modification/adjustment
- #5 incorrect image presentation
- #6 fault code

Status Version	Manufacturer	Model	Year	Calibration required by	Calibration type	Available since version	CSC-Tool	Equipment for positioning		Equipment for calibration		
								Rear Cam Kit I Basic profile	Rear Cam Kit I Addition Profile	Rear Cam Kit I Basic reference panel	Rear Cam Kit I Addition reference panel	Reference mat
Audi	A3 (8Y)	2020-	#1, #2, #3, #4, #5, #6	static	70	No	No	No	No	No	CSC3-02	
Audi	A4 (8W)	2015 -	#1, #2, #3, #4, #5, #6	static	51	Yes	No	No	No	No	CSC 3-02	
Audi	A5 (F5)	2016 -	#1, #2, #3, #4, #5, #6	static	52	Yes	No	No	No	No	CSC 3-02	
Audi	A6 (4A)	2018 -	#1, #2, #3, #4, #5, #6	static	55	Yes	No	No	No	No	CSC 3-02	
Audi	A6 (4G)	2011 - 2018	#1, #2, #3, #4, #5, #6	static	62	Yes	Yes	Yes	CSC 2-01	CSC 3-01	No	
Audi	A7 (4G)	2010 - 2018	#1, #2, #3, #4, #5, #6	static	51	Yes	Yes	Yes	CSC 2-01	CSC 3-01	No	
Audi	A7 (4K)	2018 -	#1, #2, #3, #4, #5, #6	static	55	Yes	No	No	No	No	CSC 3-02	
Audi	A8 (4H)	2010 - 2017	#1, #2, #3, #4, #5, #6	static	62	Yes	Yes	Yes	CSC 2-01	CSC 3-01	No	
Audi	A8 (4N)	2017 -	#1, #2, #3, #4, #5, #6	static	55	Yes	No	No	No	No	CSC 3-02	
Audi	e-tron (GE)	2019 -	#1, #2, #3, #4, #5, #6	static	58	Yes	No	No	No	No	CSC 3-02	
Audi	e-tron GT (F8)	2021 -	#1, #2, #3, #4, #5, #6	static	63	Yes	No	No	No	No	CSC 3-02	
Audi	Q3 (F3)	2018 -	#1, #2, #3, #4, #5, #6	static	56	Yes	No	No	No	No	CSC 3-02	
Audi	Q5 (FY)	2017 -	#1, #2, #3, #4, #5, #6	static	52	Yes	No	No	No	No	CSC 3-02	
Audi	Q7 (4M)	2015 -	#1, #2, #3, #4, #5, #6	static	51	Yes	No	No	No	No	CSC 3-02	
Audi	Q8 e-Tron (GE)	2023 -	#1, #2, #3, #4, #5, #6	static	71	Yes	No	No	No	No	CSC 3-02	
BMW	1 Series (F20/F21)	2011 - 2019	#1, #2, #3, #5, #6	dynamic	49	No	No	No	No	No	No	
BMW	1 Series (F40)	2019 -	#1, #2, #3, #5, #6	dynamic	57	No	No	No	No	No	No	
BMW	2 Series (F45/F46/F22/F23)	2014 -	#1, #2, #3, #5, #6	dynamic	50	No	No	No	No	No	No	
BMW	3 Series (F30/F31/F34/F80)	2011 -	#1, #2, #3, #5, #6	dynamic	49	No	No	No	No	No	No	
BMW	3 Series (G20/G21/G80)	2019 -	#1, #2, #3, #5, #6	dynamic	70	No	No	No	No	No	No	
BMW	4 Series (F32/F33/F36/F82/F83)	2013 -	#1, #2, #3, #5, #6	dynamic	49	No	No	No	No	No	No	
BMW	5 Series (F07/F10/F11/F18)	2010 - 2017	#1, #2, #3, #5, #6	dynamic	50	No	No	No	No	No	No	
BMW	5 Series (G30/G31)	2017 -	#1, #2, #3, #5, #6	dynamic	59	No	No	No	No	No	No	
BMW	6 Series (F06/F12/F13)	2011 -	#1, #2, #3, #5, #6	dynamic	49	No	No	No	No	No	No	
BMW	6 Series GT (G32)	2017 -	#1, #2, #3, #5, #6	dynamic	59	No	No	No	No	No	No	
BMW	7 Series (F01/F02/F03/F04)	2008 - 2015	#1, #2, #3, #5, #6	dynamic	49	No	No	No	No	No	No	
BMW	7 Series (G11/G12)	2015 -	#1, #2, #3, #5, #6	dynamic	59	No	No	No	No	No	No	
BMW	8 Series (G14/G15/G16)	2019 -	#1, #2, #3, #5, #6	dynamic	59	No	No	No	No	No	No	
BMW	i8 (I12)	2014 -	#1, #2, #3, #5, #6	dynamic	51	No	No	No	No	No	No	
BMW	i8 Roadster (I15)	2018 -	#1, #2, #3, #5, #6	dynamic	55	No	No	No	No	No	No	
BMW	iX3 G08	2021 -	#1, #2, #3, #5, #6	dynamic	63	No	No	No	No	No	No	
BMW	X1 (F48)	2015 -	#1, #2, #3, #5, #6	dynamic	51	No	No	No	No	No	No	
BMW	X2 (F39)	2017 -	#1, #2, #3, #5, #6	dynamic	53	No	No	No	No	No	No	
BMW	X3 (F25)	2010 - 2017	#1, #2, #3, #5, #6	dynamic	49	No	No	No	No	No	No	
BMW	X3 (G01)	2017 -	#1, #2, #3, #5, #6	dynamic	59	No	No	No	No	No	No	
BMW	X4 (F26)	2014 - 2018	#1, #2, #3, #5, #6	dynamic	49	No	No	No	No	No	No	
BMW	X4 (G02)	2017 -	#1, #2, #3, #5, #6	dynamic	59	No	No	No	No	No	No	
BMW	X5 (F15/F85)	2013 - 2018	#1, #2, #3, #5, #6	dynamic	49	No	No	No	No	No	No	
BMW	X5 (G05)	2018 -	#1, #2, #3, #5, #6	dynamic	59	No	No	No	No	No	No	
BMW	X6 (F16/F86)	2014 -	#1, #2, #3, #5, #6	dynamic	49	No	No	No	No	No	No	
BMW	X6 (G06)	2019 -	#1, #2, #3, #5, #6	dynamic	59	No	No	No	No	No	No	
BMW	X7 (G07)	2019 -	#1, #2, #3, #5, #6	dynamic	59	No	No	No	No	No	No	
Citroën	C4 Picasso II	2013 - 2018	#1, #2, #5, #6	dynamic	57	No	No	No	No	No	No	
Citroën	C5 Aircross	2018 -	#1, #2, #5, #6	dynamic	57	No	No	No	No	No	No	
Cupra	Formentor (KM)	2020-	#1, #2, #3, #4, #5, #6	static	70	No	No	No	No	No	CSC3-02	
DS Automobiles	DS3 Crossback	2018 -	#1, #2, #5, #6	dynamic	59	No	No	No	No	No	No	
DS Automobiles	DS7	2018 -	#1, #2, #5, #6	dynamic	59	No	No	No	No	No	No	
Mazda	3 (BP)	2019 -	#1, #3, #5	static	59	No	No	No	No	No	CSC 3-03	
Mazda	6 (GL)	2016 -	#1, #3, #5	static	56	No	No	No	No	No	CSC 3-03	
Mazda	CX-30 (DM)	2019 -	#1, #3, #5	static	59	No	No	No	No	No	CSC 3-03	
Mazda	CX-5 (KF)	2017 -	#1, #3, #5	static	56	No	No	No	No	No	CSC 3-03	
Mazda	CX-60 (KH)	2022-	#1, #2, #3, #4, #5, #6	static	70	No	No	No	No	No	CSC 3-03	
Mazda	MX-30 (DR)	2020 -	#1, #3, #5	static	62	No	No	No	No	No	CSC 3-03	
Mercedes	AMG GT Coupe (BM290)	2014-	#1, #2, #3, #4, #5, #6	dynamic	68	No	No	No	No	No	No	
Mercedes	C-Class (BM205)	2014 - 2018	#1, #5	dynamic	48	No	No	No	No	No	No	
Mercedes	C-Class (BM204) facelift	2018 -	#1, #5	dynamic	56	No	No	No	No	No	No	
Mercedes	CLA-Class (BM118)	2019 -	#1, #5	dynamic	57	No	No	No	No	No	No	
Mercedes	CLS-Class (BM257)	2018 -	#1, #5	dynamic	55	No	No	No	No	No	No	
Mercedes	E-Class (BM213)	2015 -	#1, #5	dynamic	55	No	No	No	No	No	No	
Mercedes	E-Class (BM238)	2015 -	#1, #5	dynamic	55	No	No	No	No	No	No	
Mercedes	EQA-Class (BM243)	2021 -	#1, #5	dynamic	63	No	No	No	No	No	No	
Mercedes	EQB-Class BM243	2021 -	#1, #5	dynamic	65	No	No	No	No	No	No	
Mercedes	EQC-Class (BM293)	2019 -	#1, #5	dynamic	58	No	No	No	No	No	No	
Mercedes	G-Class (BM463)	2018 -	#1, #5	dynamic	60	No	No	No	No	No	No	
Mercedes	GLA-Class (BM247)	2020 -	#1, #5	dynamic	60	No	No	No	No	No	No	
Mercedes	GLB (BM247)	2019 -	#1, #5	dynamic	58	No	No	No	No	No	No	
Mercedes	GLC (BM253)	2015 -	#1, #5	dynamic	55	No	No	No	No	No	No	
Mercedes	GLE/GLS-Class (BM167)	2018 -	#1, #5	dynamic	57	No	No	No	No	No	No	
Mercedes	GLK-Class (BMX204) Facelift	2012 -	#1, #5	dynamic	48	No	No	No	No	No	No	
Mercedes	S-Class (BM222)	2013 -	#1, #5	dynamic	49	No	No	No	No	No	No	
Mercedes	S-Class Coupe (BM217)	2013 -	#1, #5	dynamic	51	No	No	No	No	No	No	
Mercedes	Sprinter (BM907/910)	2018 -	#1, #5	dynamic	57	No	No	No	No	No	No	
Mercedes	V-Class (BM447)	2014-	#1, #5	dynamic	49	No	No	No	No	No	No	
Mitsubishi	EclipseCross	2018 -	#1, #2, #3, #4, #5, #6	static	66	No	No	No	No	No	CSC 3-05	
Mitsubishi	L200	2019 -	#1, #2, #3, #4, #5, #6	static	66	No	No	No	No	No	CSC 3-05	
Mitsubishi	Outlander III	2017 -	#1, #2, #3, #4, #5, #6	static	66	No	No	No	No	No	CSC 3-05	
Opel	Grandland X	2017 -	#1, #2, #3, #5, #6	dynamic	55	No	No	No	No	No	No	
Opel	Insignia B	2017 -	#1, #2, #3, #5, #6	static	62	No	No	No	No	No	CSC 3-04	
Peugeot	5008 II	2017 -	#1, #2, #3, #5, #6	dynamic	55	No	No	No	No	No	No	
Peugeot	508 II	2018 -	#1, #2, #3, #5, #6	dynamic	55	No	No	No	No	No	No	
Porsche	911 (992)	2019 -	#1, #2, #3, #4, #5, #6	static	62	Yes	No	No	No	No	CSC 3-02	
Porsche	Cayenne	2017 -	#1, #2, #3, #4, #5, #6	static	57	Yes	No	No	No	No	CSC 3-02	
Porsche	Taycan (Y1A)	2020 -	#1, #2, #3, #4, #5, #6	static	63	Yes	No	No	No	No	CSC 3-02	
Seat	Ateca (KH)	2016 -	#1, #2, #3, #4, #5, #6	static	52	Yes	No	No	No	No	CSC 3-02	
Seat	Tarraco (KN)	2019 -	#1, #2, #3, #4, #5, #6	static	56	Yes	No	No	No	No	CSC 3-02	
Skoda	Kodiaq (NS)	2017 -	#1, #2, #3, #4, #5, #6	static	52	Yes	No	No	No	No	CSC 3-02	
Volvo	S60 III/V60 II	2018 -	#1, #2, #5, #6	dynamic	55	No	No	No	No	No	No	
Volvo	S90 II	2016 -	#1, #2, #5, #6	dynamic	55	No	No	No	No	No	No	
Volvo	XC60 II	2017 -	#1, #2, #5, #6	dynamic	55	No	No	No	No	No	No	
Volvo	XC90 II	2015 -	#1, #2, #5, #6	dynamic	55	No	No	No	No	No	No	
Volkswagen	Arteon (3H)	2017 -	#1, #2, #3, #4, #5, #6	static	53	Yes	No	No	No	No	CSC 3-02	
Volkswagen	Passat (3G)	2015 - 2019	#1, #2, #3, #4, #5, #6	static	52	Yes	No	No	No	No	CSC 3-02	
Volkswagen	Passat (CB)	2019 -	#1, #2, #3, #4, #5, #6	static	58	Yes	No	No	No	No	CSC 3-02	

Status Version	Manufacturer	Model	Year	Calibration required by	Calibration type	Available since version	CSC-Tool	Equipment for positioning		Equipment for calibration		
								Rear Cam Kit I Basic profile	Rear Cam Kit I Addition Profile	Rear Cam Kit I Basic reference panel	Rear Cam Kit I Addition reference panel	Reference mat
	Volkswagen	T7 (ST)	2022 -	#1, #2, #3, #4, #5, #6	static	70	No	No	No	No	No	CSC 3-02
	Volkswagen	Tiguan (AD)	2016 - 2021	#1, #2, #3, #4, #5, #6	static	52	Yes	No	No	No	No	CSC 3-02
	Volkswagen	Tiguan (AX)	2021 -	#1, #2, #3, #4, #5, #6	static	61	Yes	No	No	No	No	CSC 3-02
	Volkswagen	Tiguan Allspace (BJ)	2021 -	#1, #2, #3, #4, #5, #6	static	65	Yes	No	No	No	No	CSC 3-02
	Volkswagen	Tiguan Allspace (BW)	2017 - 2021	#1, #2, #3, #4, #5, #6	static	53	Yes	No	No	No	No	CSC 3-02
	Volkswagen	Touareg (7P)	2010 - 2018	#1, #2, #3, #4, #5, #6	static	62	Yes	Yes	Yes	CSC 2-01	CSC 3-01	No
	Volkswagen	Touareg (CR)	2018 -	#1, #2, #3, #4, #5, #6	static	56	Yes	No	No	No	No	CSC 3-02

## 4 Vehicle Coverage Front Radar

Basic precondition: mega macs PC, 77, 66, 56, 42SE, ONE, X

**Calibration required:**

- #1 after removal/installation of radar sensor
- #2 note about trouble code
- #3 suspension structure modified / adjusted
- #4 lock carrier loosened / wrongly adjusted
- #5 bumper bracket loosened / wrongly adjusted
- #6 damage of bumper bracket/lock carrier
- #7 steering angle sensor replaced

Status Version	Manufacturer	Model	Year	Calibration required by	Calibration type	Available since version	Notes	Equipment for positioning		Equipment for calibration		
								CSC-Tool	Rear Cam Kit I Basic profile	Radar reflector	Magnetic Laser CSC 4-02	Mirror adjusting device CSC-4-03
	Alfa Romeo	Giulia	2016 -	#1, #2, #3, #4, #5, #6	static	53	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Alfa Romeo	Stelvio	2016 -	#1, #2, #3, #4, #5, #6	static	58	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Alfa Romeo	Tonale	2022-	#1, #2, #3, #4, #5, #6	dynamic	70	---	No	No	No	No	No
	Audi	A1 (GB)	2018 -	#1, #2, #3, #4, #5, #6	dynamic & static	56	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	A3 (8V)	2012 - 2020	#1, #2, #3, #4, #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	A3 (8Y)	2020 -	#1, #2, #3, #4, #5, #6	dynamic & static	60	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	A4 (8K)	2008 - 2015	#1, #2, #3, #4, #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	A4 (8W)	2015 -	#1, #2, #3, #4, #5, #6	static	49	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	A5 (8T/8F)	2007 - 2016	#1, #2, #3, #4, #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	A5 (F5)	2016 -	#1, #2, #3, #4, #5, #6	static	51	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	A6 (4A)	2018 -	#1, #2, #3, #4, #5, #6	static	55	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	A6 (4F)	2004 - 2011	#1, #2, #3, #4, #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	A6 (4G)	2011 - 2018	#1, #2, #3, #4, #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	A7 (4G)	2010 - 2018	#1, #2, #3, #4, #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	A7 (4K)	2018 -	#1, #2, #3, #4, #5, #6	static	55	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	A8 (4H)	2010 - 2017	#1, #2, #3, #4, #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	A8 (4N)	2017 -	#1, #2, #3, #4, #5, #6	static	55	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	e-tron (GE)	2019 -	#1, #2, #3, #4, #5, #6	static	58	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	e-tron GT (F8)	2021 -	#1, #2, #3, #4, #5, #6	static	63	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	Q2 (GA)	2016 -	#1, #2, #3, #4, #5, #6	dynamic & static	52	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	Q3 (F3)	2018 -	#1, #2, #3, #4, #5, #6	dynamic & static	56	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	Q4 e-tron (FZ)	2021 -	#1, #2, #3, #4, #5, #6	dynamic & static	63	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	Q5 (8R)	2008 - 2016	#1, #2, #3, #4, #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	Q5 (FY)	2017 -	#1, #2, #3, #4, #5, #6	static	52	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	Q7 (4L)	2005 - 2015	#1, #2, #3, #4, #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	Q7 (4M)	2015 -	#1, #2, #3, #4, #5, #6	static	50	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	Q8 (4M)	2019 -	#1, #2, #3, #4, #5, #6	static	56	---	Yes	No	CSC 4-01 EVO	No	No
	Audi	Q8 e-Tron (GE)	2023 -	#1, #2, #3, #4, #5, #6	static	71	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Audi	TT (FV)	2014 -	#1, #2, #3, #4, #5, #6	static	50	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	1 Series (F20/F21)	2011 - 2019	#1, #2, (#3), #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	1 Series (F40)	2019 -	#1, #2, (#3), #5, #6	static	57	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	2 Series (F22/F23/F87)	2014 - 2021	#1, #2, (#3), #5, #6	static	51	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	2 Series (U06)	2021-	#1, #2, (#3), #5, #6	static	66	---	Yes	No	CSC 4-01 EVO	No	No
	BMW	2 Series Gran Coupé (F44)	2020 -	#1, #2, (#3), #5, #6	static	60	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	3 Series (E90/E91/E92/E93)	2005 - 2012	#1, #2, (#3), #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	3 Series (F30/F31)	2012 -	#1, #2, (#3), #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	3 Series (F80)	2014 -	#1, #2, (#3), #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	3 Series (G20/G21/G80)	2019 -	#1, #2, (#3), #5, #6	static	55	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	3 Series GT (F34)	2013 -	#1, #2, (#3), #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	4 Series (F32/F33/F36/F82/F83)	2013 - 2020	#1, #2, (#3), #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	4 Series (G22)	2020 -	#1, #2, (#3), #5, #6	static	60	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	4 Series (G23/G26)	2021 -	#1, #2, (#3), #4, #5, #6	static	63	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	5 Series (E60/E61)	2003 - 2010	#1, #2, (#3), #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	5 Series (F10/F11/F18)	2010 - 2017	#1, #2, (#3), #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	5 Series (F90)	2017 -	#1, #2, (#3), #5, #6	static	58	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	5 Series (G30/G31)	2017 -	#1, #2, (#3), #5, #6	static	52	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	5 Series GT (F07)	2009 - 2017	#1, #2, (#3), #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	6 Series (E63/E64)	2004 - 2010	#1, #2, (#3), #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	6 Series (F12/F13)	2011 -	#1, #2, (#3), #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	6 Series Gran Coupé (F06)	2012 - 2017	#1, #2, (#3), #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	6 Series GT (G32)	2017 -	#1, #2, (#3), #5, #6	static	53	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No

Status Version	Manufacturer	Model	Year	Calibration required by	Calibration type	Available since version	Notes	Equipment for positioning		Equipment for calibration		
								CSC-Tool	Rear Cam Kit I Basic profile	Radar reflector	Magnetic Laser CSC 4-02	Mirror adjusting device CSC-4-03
	BMW	7 Series (E66/E67)	2005 - 2010	#1, #2, (#3), #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	7 Series (F01/F02/F03/F04)	2008 - 2015	#1, #2, (#3), #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	7 Series (G11)	2015 -	#1, #2, (#3), #5, #6	static	50	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	8 Series (F92)	2019 -	#1, #2, (#3), #5, #6	static	58	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	8 Series (G14/G15/G16)	2019 -	#1, #2, (#3), #5, #6	static	55	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	iX (I20)	2021 -	#1, #2, (#3), #5, #6	static	66	---	Yes	No	CSC 4-01 EVO	No	No
	BMW	iX3 G08	2021 -	#1, #2, (#3), #4, #5, #6	static	63	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	X1 (F48)	2015 -	#1, #2, (#3), #5, #6	static	50	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	X2 (F39)	2017 -	#1, #2, (#3), #5, #6	static	53	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	X3 (F25)	2010 - 2017	#1, #2, (#3), #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	X3 (G01)	2017 -	#1, #2, (#3), #5, #6	static	53	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	X4 (F26)	2014 -	#1, #2, (#3), #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	X5 (E70)	2006 - 2013	#1, #2, (#3), #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	X5 (F15)	2013 -	#1, #2, (#3), #5, #6	static	49	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	X5 (F85)	2014 -	#1, #2, (#3), #5, #6	static	49	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	X5 (G05)	2018 -	#1, #2, (#3), #5, #6	static	55	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	X6 (E71/E72)	2008 - 2014	#1, #2, (#3), #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	X6 (F16/F86)	2014 - 2019	#1, #2, (#3), #5, #6	static	49	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	X6 (G06)	2019 -	#1, #2, (#3), #5, #6	static	58	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	X7 (G07)	2019 -	#1, #2, (#3), #5, #6	static	56	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	BMW	Z4 (G29)	2019 -	#1, #2, (#3), #5, #6	static	55	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Citroën	C4-III	2020 -	#1, #2	dynamic	62	---	No	No	No	No	No
	Citroën	C5X	2022 -	#1, #2, #3, #4, #5, #6	dynamic	69	---	No	No	No	No	No
	Citroën	C4 Picasso II	2013 - 2018	#1, #2	dynamic	57	---	No	No	No	No	No
	Citroën	C5 Aircross	2018 -	#1, #2	dynamic	57	---	No	No	No	No	No
	Citroën	SpaceTourer	2016 -	#1, #2	dynamic	57	---	No	No	No	No	No
	Citroën	SpaceTourer	2016 -	#1, #2	dynamic	57	---	No	No	No	No	No
	Cupra	Born (K1)	2021 -	#1, #2, #3, #4, #5, #6	dynamic & static	65	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Cupra	Formentor (KM)	2020 -	#1, #2, #3, #4, #5, #6	dynamic & static	62	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Dacia	Jogger	2022 -	#1, #2, #3, #4, #5, #6	dynamic	69	Precondition: SGW activation via HGS Cyber Security Management	No	No	No	No	No
	Dacia	Sandero-III	2021 -	#1, #2, #3, #5, #6	dynamic	67	Precondition: SGW activation via HGS Cyber Security Management	No	No	No	No	No
	Dacia	Spring	2021 -	#1, #2, (#3), #5, #6	dynamic	66	Precondition: SGW activation via HGS CSM	No	No	No	No	No
	Fiat	500X	2014 -	#1, #2, #3, #4, #5, #6	static	68	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Fiat	Tipo	2016 -	#1, #2, #3, #4, #5, #6	static	60	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Ford	Edge II	2016 -	#1, #2, #6	dynamic	55	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Ford	Fiesta VIII	2017 -	#1, #2, #6	dynamic	63	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Ford	Fiocus VI	2018 -	#1, #2, #6	dynamic	63	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Ford	Galaxy IV	2015 -	#1, #2, #6	dynamic	55	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Ford	Kuga	2013 -	#1, #2, #6	dynamic	54	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Ford	Kuga III	2020 -	#1, #2, #6	dynamic	63	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Ford	Mondeo	2014 -	#1, #2, #6	dynamic	54	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Ford	Mustang VI	2014 -	#1, #2, #6	dynamic	62	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Ford	Puma II	2019 -	#1, #2, #6	dynamic	63	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Ford	Ranger V	2015 -	#1, #2, #6	dynamic	62	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Ford	S-Max II	2015 -	#1, #2, #6	dynamic	55	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Ford	Transit	2014 - 2018	#1, #2, #6	dynamic	55	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Ford	Transit Custom	2012 - 2018	#1, #2, #6	dynamic	55	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Honda	Civic	2017 -	#1, #2	static	57	---	Yes	Yes	CSC 4-05	No	No
	Honda	CR-V	2018 -	#1, #2	static	57	---	Yes	Yes	CSC 4-05	No	No
	Hyundai	i30 (PD)	2017 -	#1, #2, #3, #4, #5, #6	static	65	---	Yes	Yes	CSC 4-04	No	No
	Hyundai	Ioniq	2016 -	#1, #2, #6, #7	dynamic	55	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Hyundai	Kona	2017 -	#1, #2, #3, #4, #5, #6	static	65	---	Yes	Yes	CSC 4-04	No	No
	Hyundai	Santa Fe	2012 - 2018	#1, #2, #6, #7	dynamic	55	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Hyundai	Santa Fe	2018 -	#1, #2, #6, #7	dynamic	56	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Hyundai	Tucson	2015 -	#1, #2, #6, #7	dynamic	55	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Jeep	Compass (MP)	2017 -	#1, #2, #3, #4, #6	dynamic	65	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Jeep	Renegade	2015 -	#1, #2, #3, #4, #5, #6	static	53	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Kia	Niro (DE)	2016 -	#1, #2, #6, #7	dynamic	55	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Kia	Picanto (JA)	2018 -	#1, #2, #3, #4, #5, #6	static	65	---	Yes	Yes	CSC4-04	No	No
	Kia	Rio (YB)	2017 -	#1, #2, #3, #4, #5, #6	static	65	---	Yes	Yes	CSC4-04	No	No
	Kia	Sorento	2021 -	#1, #2, #3, #4, #5, #6	dynamic	69	Precondition: SGW activation via HGS Cyber Security Management	No	No	No	No	No
	Kia	Sorento (UM)	2015 -	#1, #2, #3, #4, #5, #6	static	65	---	Yes	Yes	CSC4-04	No	No
	Kia	Soul (SK3)	2019 -	#1, #2, #3, #4, #5, #6	dynamic	68	Precondition: SGW activation via HGS Cyber Security Management	No	No	No	No	No
	Kia	Sportage (QL)	2015 -	#1, #2, #6, #7	dynamic	55	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Kia	Stinger (CK)	2017 -	#1, #2, #6, #7	dynamic	55	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Kia	Stonic (YB)	2017 -	#1, #2, #3, #4, #5, #6	static	65	---	Yes	Yes	CSC4-04	No	No
	Lexus	ES	2018 -	#1, #2	static	62	---	Yes	Yes	CSC 4-05	No	No
	Lexus	GS	2016 -	#1, #2	static	57	---	Yes	Yes	CSC 4-05	No	No
	Lexus	IS	2015 - 2020	#1, #2	static	57	---	Yes	Yes	CSC 4-05	No	No
	Lexus	IS	2020 -	#1, #2	static	65	---	Yes	Yes	CSC 4-05	No	No
	Lexus	LC	2016 -	#1, #2	static	57	---	Yes	Yes	CSC 4-05	No	No
	Lexus	NX	2021 -	#1, #2	static	70	---	Yes	Yes	CSC 4-05	No	No
	Lexus	NX	2017 - 2019	#1, #2	static	57	---	Yes	Yes	CSC 4-05	No	No
	Lexus	NX	2019 -	#1, #2	static	60	---	Yes	Yes	CSC 4-05	No	No
	Lexus	RC	2015 -	#1, #2	static	57	---	Yes	Yes	CSC 4-05	No	No
	Lexus	RX	2016 - 2019	#1, #2	static	57	---	Yes	Yes	CSC 4-05	No	No
	Lexus	RX	2019 -	#1, #2	static	60	---	Yes	Yes	CSC 4-05	No	No
	Lexus	UX	2019 -	#1, #2	static	58	---	Yes	Yes	CSC 4-05	No	No
	Lynk & Co	Model 01	2020 -	#1, #2, #4, #5, #6	dynamic	70	Precondition: mega macs X (DoIP)	No	No	No	No	No

Status Version	Manufacturer	Model	Year	Calibration required by	Calibration type	Available since version	Notes	Equipment for positioning		Equipment for calibration		
								CSC-Tool	Rear Cam Kit I Basic profile	Radar reflector	Magnetic Laser CSC 4-02	Mirror adjusting device CSC-4-03
	MAN	TGE (UY/UZ)	2017 -	#1, #2, #3, #4, #5, #6	dynamic & static	55	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Mazda	2 (DJ)	2015 -	#1, #2	static	58	---	Yes	Yes	CSC 4-04	No	No
	Mazda	3 (BM)	2013 - 2016	#1, #2	static	58	---	Yes	Yes	CSC 4-04	No	No
	Mazda	3 (BN)	2016 -	#1, #2	static	58	---	Yes	Yes	CSC 4-04	No	No
	Mazda	3 (BP)	2019 -	#1, #2	dynamic	59	---	No	No	No	No	No
	Mazda	6 (GJ)	2012 - 2016	#1, #2	static	58	---	Yes	Yes	CSC 4-04	No	No
	Mazda	6 (GL)	2017 -	#1, #2	static	57	---	Yes	Yes	CSC 4-04	No	No
	Mazda	CX-3 (DK)	2015 - 2017	#1, #2	static	58	---	Yes	Yes	CSC 4-04	No	No
	Mazda	CX-30 (DM)	2019 -	#1, #2	dynamic	59	---	No	No	No	No	No
	Mazda	CX-5 (KE)	2012 - 2017	#1, #2	static	58	---	Yes	Yes	CSC 4-04	No	No
	Mazda	CX-5 (KF)	2017 -	#1, #2	static	57	---	Yes	Yes	CSC 4-04	No	No
	Mazda	CX-60 (KH)	2022 -	#1, #2	dynamic	70	---	No	No	No	No	No
	Mazda	MX-30 (DR)	2020 -	#1, #2	dynamic	62	---	No	No	No	No	No
	Mercedes	A-Class (BM176)	2012 - 2018	#1, #2, #3, #4, #5, #6	static	50	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	Yes
	Mercedes	A-Class (BM177)	2018 -	#1, #2, #3, #4, #5, #6	dynamic	57	---	No	No	No	No	No
	Mercedes	AMG GT Coupe (BM290)	2014 -	#1, #2, #3, #4, #5, #6	dynamic	68	---	No	No	No	No	No
	Mercedes	B-Class (BM246)	2011 - 2018	#1, #2, #3, #4, #5, #6	static	50	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	Yes
	Mercedes	B-Class (BM247)	2019 -	#1, #2, #3, #4, #5, #6	dynamic	57	---	No	No	No	No	No
	Mercedes	Citan (BM420)	2022-	#1, #2, #3, #4, #5, #6	dynamic	69	---	No	No	No	No	No
	Mercedes	C-Class (BM204) facelift	2011 - 2013	#1, #2, #3, #4, #5, #6	dynamic	45	---	No	No	No	No	No
	Mercedes	C-Class (BM205)	2014 - 2018	#1, #2, #3, #4, #5, #6	dynamic	48	---	No	No	No	No	No
	Mercedes	C-Class (BM204) facelift	2018 -	#1, #2, #3, #4, #5, #6	dynamic	56	---	No	No	No	No	No
	Mercedes	C-Class (BM206)	2021-	#1, #2, #3, #4, #5, #6	dynamic	67	Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	No	No	No	No	No
	Mercedes	C-Class (BM223)	2021-	#1, #2, #3, #4, #5, #6	dynamic	67	Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	No	No	No	No	No
	Mercedes	C-Class (BM232)	2022 -	#1, #2, #3, #4, #5, #6	dynamic	67	Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	No	No	No	No	No
	Mercedes	C-Class (BM295)	2022 -	#1, #2, #3, #4, #5, #6	dynamic	67	Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	No	No	No	No	No
	Mercedes	C-Class (BM297)	2022 -	#1, #2, #3, #4, #5, #6	dynamic	67	Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	No	No	No	No	No
	Mercedes	CLA-Class (BM117)	2012 - 2019	#1, #2, #3, #4, #5, #6	static	50	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	Yes
	Mercedes	CLA-Class (BM118)	2019 -	#1, #2, #3, #4, #5, #6	dynamic	57	---	No	No	No	No	No
new in V72	Mercedes	CLE-Class (BM236)	2023-	#1, #2, #3, #4, #5, #6	dynamic	72	Precondition: SGW activation via HGS Cyber Security Management and the mega macs X (DoIP)	No	No	No	No	No
	Mercedes	CLK-Class (BM209)	2003 - 2009	#1, #2, #3, #4, #5, #6	static	50	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	Yes
	Mercedes	CL-Class (BM216)	2005 - 2014	#1, #2, #3, #4, #5, #6	static	50	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	Yes
	Mercedes	CLS-Class (BM218)	2011 - 2018	#1, #2, #3, #4, #5, #6	dynamic	45	---	No	No	No	No	No
	Mercedes	CLS-Klasse (BM219)	2004 - 2010	#1, #2, #3, #4, #5, #6	static	50	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	Yes
	Mercedes	E-Class (BM211)	2003 - 2009	#1, #2, #3, #4, #5, #6	static	45	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	Yes
	Mercedes	E-Class (BM212)	2009 - 2016	#1, #2, #3, #4, #5, #6	dynamic	45	---	No	No	No	No	No
	Mercedes	E-Class (BM213)	2016-	#1, #2, #3, #4, #5, #6	dynamic	52	---	No	No	No	No	No
	Mercedes	E-Class Coupe (BM207)	2009 - 2017	#1, #2, #3, #4, #5, #6	dynamic	45	---	No	No	No	No	No
	Mercedes	E-Class Coupe (BM238)	2016-	#1, #2, #3, #4, #5, #6	dynamic	52	---	No	No	No	No	No
	Mercedes	EQA-Class BM243	2021 -	#1, #2, #3, #4, #5, #6	dynamic	63	---	No	No	No	No	No
	Mercedes	EQB-Class BM243	2021 -	#1, #2, #3, #4, #5, #6	dynamic	63	---	No	No	No	No	No
	Mercedes	EQC-Class (BM293)	2019 -	#1, #2, #3, #4, #5, #6	dynamic	58	---	No	No	No	No	No
new in V72	Mercedes	EQE SUV (BM294)	2023 -	#1, #2, #3, #4, #5, #6	dynamic	72	Precondition: SGW activation via HGS Cyber Security Management and the mega macs X (DoIP)	No	No	No	No	No
	Mercedes	EQS-SUV (BM296)	2022-	#1, #2, #3, #4, #5, #6	dynamic	69	Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	No	No	No	No	No
	Mercedes	G-Class (BM463)	2018 -	#1, #2, #3, #4, #5, #6	dynamic	60	---	No	No	No	No	No
	Mercedes	GLA-Class (BM156)	2012 - 2020	#1, #2, #3, #4, #5, #6	static	50	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	Yes
	Mercedes	GLA-Class (BM247)	2020 -	#1, #2, #3, #4, #5, #6	dynamic	60	---	No	No	No	No	No
	Mercedes	GLB-Class (BM247)	2019-	#1, #2, #3, #4, #5, #6	dynamic	58	---	No	No	No	No	No
	Mercedes	GLC-Class (BM253)	2015-	#1, #2, #3, #4, #5, #6	dynamic	51	---	No	No	No	No	No
	Mercedes	GLC-Class (BM254)	2022 -	#1, #2, #3, #4, #5, #6	dynamic	68	Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	No	No	No	No	No
	Mercedes	GLE/GLS-Class (BM167)	2018 -	#1, #2, #3, #4, #5, #6	dynamic	57	---	No	No	No	No	No
	Mercedes	GLE-Class (BM292)	2015-	#1, #2, #3, #4, #5, #6	dynamic	50	---	No	No	No	No	No
	Mercedes	GLK (BMX204)	2008 - 2011	#1, #2, #3, #4, #5, #6	dynamic	45	---	No	No	No	No	No
	Mercedes	GLK (BMX204) facelift	2012 - 2015	#1, #2, #3, #4, #5, #6	dynamic	45	---	No	No	No	No	No
	Mercedes	GL-Class (BM164)	2005 - 2012	#1, #2, #3, #4, #5, #6	static	50	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	Yes
	Mercedes	GL-Class (BM166)	2012 - 2018	#1, #2, #3, #4, #5, #6	dynamic	46	---	No	No	No	No	No
	Mercedes	ML-Class (BM164)	2005 - 2011	#1, #2, #3, #4, #5, #6	static	50	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	Yes
	Mercedes	ML-Class (BM166)	2011 - 2015	#1, #2, #3, #4, #5, #6	dynamic	46	---	No	No	No	No	No
	Mercedes	R-Class (BM251)	2005 - 2012	#1, #2, #3, #4, #5, #6	static	50	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	Yes
	Mercedes	S-Class (BM217)	2013 -	#1, #2, #3, #4, #5, #6	dynamic	50	---	No	No	No	No	No
	Mercedes	S-Class (BM221)	2005 - 2013	#1, #2, #3, #4, #5, #6	static	46	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	Yes
	Mercedes	S-Class (BM222)	2013 -	#1, #2, #3, #4, #5, #6	dynamic	49	---	No	No	No	No	No
	Mercedes	SLK-Class (BM172)	2011 - 2016	#1, #2, #3, #4, #5, #6	dynamic	50	---	No	No	No	No	No
	Mercedes	SL-Class (BM230)	2003 - 2011	#1, #2, #3, #4, #5, #6	static	50	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	Yes
	Mercedes	SL-Class (BM231)	2011 -	#1, #2, #3, #4, #5, #6	static	50	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	Yes
	Mercedes	Sprinter (BM907/910)	2018 -	#1, #2, #3, #4, #5, #6	dynamic	61	---	No	No	No	No	No
	Mercedes	T-Class (BM420)	2022-	#1, #2, #3, #4, #5, #6	dynamic	69	---	No	No	No	No	No
	Mercedes	V-Class (BM447)	2014-	#1, #2, #3, #4, #5, #6	static	49	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	Yes
	Mercedes	X-Class (BM470)	2018 -	#1, #2, #3, #4, #5, #6	static	55	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
new in V72	MG	Marvel R EV	2021 -	#1, #2, #3, #5, #6	dynamic	72	---	No	No	No	No	No
new in V72	MG	MG5	2021 -	#1, #2, #3, #5, #6	dynamic	72	---	No	No	No	No	No
new in V72	MG	ZS EV	2021 -	#1, #2, #3, #5, #6	dynamic	72	---	No	No	No	No	No
	Nissan	Micra	2017 -	#1, #2, #3, #4, #5, #6	static	55	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Nissan	Navara	2015 -	#1, #2, #3, #4, #5, #6	static	56	---	Yes	No	CSC 4-01 EVO	No	No
	Nissan	New Leaf	2018 -	#1, #2, #3, #4, #5, #6	static	55	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Nissan	Pulsar	2014 -	#1, #2, #3, #4, #5, #6	static	54	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Nissan	Qashqai	2013 - 2017	#1, #2, #3, #4, #5, #6	static	54	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Nissan	Qashqai Facelift	2017 -	#1, #2, #3, #4, #5, #6	static	56	---	Yes	No	CSC 4-01 EVO	No	No
	Nissan	X-Trail	2014 - 2017	#1, #2, #3, #4, #5, #6	static	54	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Nissan	X-Trail Facelift	2017 -	#1, #2, #3, #4, #5, #6	static	56	---	Yes	No	CSC 4-01 EVO	No	No
	Opel	Astra J	2012 -	#1, #2	dynamic	50	---	No	No	No	No	No
	Opel	Corsa F	2020 -	#1, #2	dynamic	62	---	No	No	No	No	No
	Opel	Crossland X	2017 -	#1, #2	dynamic	55	---	No	No	No	No	No
	Opel	Grandland X	2017 -	#1, #2	dynamic	55	---	No	No	No	No	No
	Opel	Insignia A	2013 - 2017	#1, #2	dynamic	50	---	No	No	No	No	No
	Opel	Vivaro C	2020 -	#1, #2	dynamic	62	---	No	No	No	No	No
	Opel	Zafira C	2011 -	#1, #2	dynamic	50	---	No	No	No	No	No
	Opel	Zafira Life	2019 -	#1, #2	dynamic	62	---	No	No	No	No	No
	Peugeot	2008 II	2020 -	#1, #2	dynamic	59	---	No	No	No	No	No
	Peugeot	208 II	2019 -	#1, #2	dynamic	58	---	No	No	No	No	No
	Peugeot	308III	2022-	#1, #2	dynamic	69	---	No	No	No	No	No
	Peugeot	508 II	2018 -	#1, #2, #3, #4, #5, #6	dynamic	57	---	No	No	No	No	No
	Polestar	P2	2020-	#1, #2, #3, #4, #5, #6	dynamic	69	---	No	No	No	No	No
	Porsche	911 (991)	2011 - 2019	#1, #2, #3, #4, #5, #6	static	49	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Porsche	911 (992)	2019 -	#1, #2, #3, #4, #5, #6	static	62	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Porsche	Boxster (981)	2012 - 2016	#1, #2, #3, #4, #5, #6	static	49	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Porsche	Boxster 718 (982)	2016 -	#1, #2, #3, #4, #5, #6	static	51	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Porsche	Cayenne (92A)	2010 - 2017	#1, #2, #3, #4, #5, #6	static	49	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Porsche	Cayenne (9YA)	2017 -	#1, #2, #3, #4, #5, #6	static	57	---	Yes	No	CSC 4-01/CSC 4-0		

Status Version	Manufacturer	Model	Year	Calibration required by	Calibration type	Available since version	Notes	Equipment for positioning		Equipment for calibration		
								CSC-Tool	Rear Cam Kit   Basic profile	Radar reflector	Magnetic Laser CSC 4-02	Mirror adjusting device CSC-4-03
	Porsche	Taycan (Y1A)	2020 -	#1, #2, #3, #4, #5, #6	static	63	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Renault	Arkana	2020 -	#1, #2, #3, #5, #6	dynamic	66	Precondition: OEM/IAM equipment for alignment and SGW activation via HGS CSM or OEM portal and the use of the PassThru function via the VCI.	No	No	No	No	No
	Renault	Captur II	2019 -	#1, #2, #3, #5, #6	dynamic	60	Precondition: OEM/IAM equipment for alignment and SGW activation via HGS CSM or OEM portal and the use of the PassThru function via the VCI.	No	No	No	No	No
	Renault	Clio V	2019 -	#1, #2, #3, #5, #6	dynamic	60	Precondition: OEM/IAM equipment for alignment and SGW activation via HGS CSM or OEM portal and the use of the PassThru function via the VCI.	No	No	No	No	No
	Renault	Megane IV Facelift	2018 -	#1, #2, #3, #5, #6	dynamic	62	Precondition: OEM/IAM equipment for alignment and SGW activation via HGS CSM or OEM portal and the use of the PassThru function via the VCI.	No	No	No	No	No
	Renault	Talisman Facelift	2018 -	#1, #2, #3, #5, #6	dynamic	62	Precondition: OEM/IAM equipment for alignment and SGW activation via HGS CSM or OEM portal and the use of the PassThru function via the VCI.	No	No	No	No	No
	Renault	Zoe	2019 -	#1, #2, #3, #5, #6	dynamic	60	Precondition: OEM/IAM equipment for alignment and SGW activation via HGS CSM or OEM portal and the use of the PassThru function via the VCI.	No	No	No	No	No
	Renault	Alaskan	2017 -	#1, #2, #3, #5, #6	static	56	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Renault	Espace V	2015 -	#1, #2, #3, #5, #6	dynamic	55	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Renault	Kadjar	2015 -	#1, #2, #3, #5, #6	dynamic	56	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Renault	Kangoo III	2021 -	#1, #2, #3	dynamic	71	Precondition: OEM/IAM equipment for alignment and SGW activation via HGS CSM or OEM portal and the use of the PassThru function via the VCI.	No	No	No	No	No
new in V72	Renault	Megane e-Tech Electric	2021 -	#1, #2, #3, #5, #6	dynamic	72	Precondition: SGW activation via HGS Cyber Security Management and the mega macs X (DoIP)	No	No	No	No	No
	Renault	Megane IV	2016 - 2018	#1, #2, #3, #4, #5, #6	dynamic	55	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Renault	Talisman	2016 - 2018	#1, #2, #3, #4, #5, #6	dynamic	55	OEM/IAM equipment is required for alignment	No	No	No	No	No
	Renault	Espace-V Facelift	2020 -	#1, #2, #3, #4, #5, #6	dynamic	68	Precondition: SGW activation via HGS Cyber Security Management or OEM portal and the use of the PassThru function via the VCI	No	No	No	No	No
	Seat	Arona (KJ)	2017 -	#1, #2, #3, #4, #5, #6	dynamic & static	53	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Seat	Ateca (KH)	2016 -	#1, #2, #3, #4, #5, #6	dynamic & static	52	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Seat	Ibiza (KJ)	2017 -	#1, #2, #3, #4, #5, #6	dynamic & static	53	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Seat	Leon (5F)	2012 - 2020	#1, #2, #3, #4, #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Seat	Leon (KL)	2020 -	#1, #2, #3, #4, #5, #6	dynamic & static	60	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Seat	Tarraco (KN)	2019 -	#1, #2, #3, #4, #5, #6	dynamic & static	56	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Seat	Toledo (KG)	2015 -	#1, #2, #3, #4, #5, #6	static	49	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Skoda	Enyaq (5A)	2021 -	#1, #2, #3, #4, #5, #6	dynamic & static	62	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Skoda	Fabia (NJ)	2014 -	#1, #2, #3, #4, #5, #6	static	49	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Skoda	Fabia (PJ)	2021 -	#1, #2, #3, #5, #6	dynamic & static	64	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Skoda	Kamiq (NW)	2019 -	#1, #2, #3, #4, #5, #6	dynamic & static	58	dynamic or static calibration possible	yes/no	No	CSC 4-01 EVO	No	No
	Skoda	Karoq (NU)	2018 -	#1, #2, #3, #4, #5, #6	dynamic & static	55	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Skoda	Kodiaq (NS)	2017 -	#1, #2, #3, #4, #5, #6	dynamic & static	52	dynamic or static calibration possible	yes/no	No	CSC 4-01 EVO	No	No
	Skoda	Octavia (5E)	2013 - 2020	#1, #2, #3, #4, #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Skoda	Octavia (NX)	2020 -	#1, #2, #3, #4, #5, #6	dynamic & static	59	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Skoda	Rapid (NH)	2015 -	#1, #2, #3, #4, #5, #6	static	49	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Skoda	Scala (NW)	2019 -	#1, #2, #3, #4, #5, #6	dynamic & static	57	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
new in V72	Skoda	Superb (3V)	2015 -	#1, #2, #3, #4, #5, #6	static	49	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Subaru	Solterra	2022 -	#1, #2, #3, #5, #6	Static	72	---	Yes	Yes	CSC 4-05	No	No
	Suzuki	Across	2020 -	#1, #2	static	62	---	Yes	Yes	CSC 4-05	No	No
	Suzuki	Baleno	2016 -	#1, #2, #4, #5, #6	static	57	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Suzuki	S-Cross	2022 -	#1, #2, #4, #5, #6	static	70	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Suzuki	Swace	2020 -	#1, #2	static	62	---	Yes	Yes	CSC 4-05	No	No
	Suzuki	Swift	2017 -	#1, #2, #4, #5, #6	static	55	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Suzuki	SX4 S-Cross	2014 -	#1, #2, #4, #5, #6	static	55	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Suzuki	Vitara	2015 -	#1, #2, #4, #5, #6	static	58	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Toyota	Aygo X	2022 -	#1, #2	static	70	---	Yes	Yes	CSC 4-05	No	No
	Toyota	bZ4X	2022 -	#1, #2, #3	static	71	---	Yes	Yes	CSC 4-05	No	No
	Toyota	Camry	2021 -	#1, #2	static	65	---	Yes	Yes	CSC 4-05	No	No
	Toyota	C-HR	2016 - 2020	#1, #2	static	57	---	Yes	Yes	CSC 4-05	No	No
	Toyota	C-HR	2020 -	#1, #2	static	62	---	Yes	Yes	CSC 4-05	No	No
	Toyota	Corolla	2018 -	#1, #2	static	58	---	Yes	Yes	CSC 4-05	No	No
new in V72	Toyota	Corolla Cross	2022 -	#1, #2	static	70	---	Yes	Yes	CSC 4-05	No	No
	Toyota	Corolla Hybrid	2023 -	#1, #2, #3, #5, #6	static	72	---	Yes	Yes	CSC 4-05	No	No
	Toyota	Corolla sedan	2018 -	#1, #2	static	60	---	Yes	Yes	CSC 4-05	No	No
	Toyota	Hiace	2019 -	#1, #2	static	61	only for Australian model variant	Yes	Yes	CSC 4-05	No	No
	Toyota	Highlander	2018 - 2020	#1, #2	static	57	---	Yes	Yes	CSC 4-05	No	No
	Toyota	Highlander	2020 -	#1, #2	static	57	---	Yes	Yes	CSC 4-05	No	No
	Toyota	Hilux	2015 - 2020	#1, #2	static	57	---	Yes	Yes	CSC 4-05	No	No
	Toyota	Hilux	2020 -	#1, #2	static	61	---	Yes	Yes	CSC 4-05	No	No
	Toyota	Land Cruiser	2015 - 2020	#1, #2	static	57	---	Yes	Yes	CSC 4-05	No	No
	Toyota	Land Cruiser Prado	2020 -	#1, #2	static	62	---	Yes	Yes	CSC 4-05	No	No
	Toyota	Mirai	2021 -	#1, #2, #3	static	71	---	Yes	Yes	CSC 4-05	No	No
	Toyota	Prius	2016 -	#1, #2	static	57	---	Yes	Yes	CSC 4-05	No	No
	Toyota	Prius	2020 -	#1, #2, #3	static	63	---	Yes	Yes	CSC 4-05	No	No
new in V72	Toyota	Prius PHV Plug-In Hybrid	2020 -	#1, #2, #3	static	63	---	Yes	Yes	CSC 4-05	No	No
	Toyota	Prius Plug-In Hybrid	2023 -	#1, #2, #3, #5, #6	static	72	---	Yes	Yes	CSC 4-05	No	No
	Toyota	Prius Plus	2012 -	#1, #2	static	57	---	Yes	Yes	CSC 4-05	No	No
	Toyota	RAV4	2015 - 2018	#1, #2	static	57	---	Yes	Yes	CSC 4-05	No	No
	Toyota	RAV4	2018 -	#1, #2	static	58	---	Yes	Yes	CSC 4-05	No	No
	Toyota	RAV4 PHV Plug in Hybrid	2020 -	#1, #2	static	62	---	Yes	Yes	CSC 4-05	No	No
	Toyota	Yaris	2020 -	#1, #2	static	61	---	Yes	Yes	CSC 4-05	No	No
	Toyota	Yaris Cross	2020 -	#1, #2, #3	static	63	---	Yes	Yes	CSC 4-05	No	No
	Toyota	Yaris Cross Hybrid	2020 -	#1, #2, #3	static	63	---	Yes	Yes	CSC 4-05	No	No
	Volvo	S60 II	2011 - 2018	#1, #2, #3, #4, #5, #6	dynamic	41	requires Front Camera Leveling Aid (8PD 010 624-991)	No	No	No	No	No
	Volvo	S60 III/V60 II	2018 -	#1, #2, #3, #4, #5, #6	dynamic	55	---	No	No	No	No	No
	Volvo	S80II	2007 - 2016	#1, #2, #3, #4, #5, #6	dynamic	41	requires Front Camera Leveling Aid (8PD 010 624-991)	No	No	No	No	No
	Volvo	S90/V90	2016 -	#1, #2, #3, #4, #5, #6	dynamic	51	---	No	No	No	No	No
	Volvo	V40	2012 - 2019	#1, #2, #3, #4, #5, #6	dynamic	46	requires Front Camera Leveling Aid (8PD 010 624-991)	No	No	No	No	No
	Volvo	V60	2011 - 2018	#1, #2, #3, #4, #5, #6	dynamic	41	requires Front Camera Leveling Aid (8PD 010 624-991)	No	No	No	No	No
	Volvo	V70 III	2008 - 2016	#1, #2, #3, #4, #5, #6	dynamic	41	requires Front Camera Leveling Aid (8PD 010 624-991)	No	No	No	No	No
	Volvo	XC40	2018 -	#1, #2, #3, #4, #5, #6	dynamic	55	---	No	No	No	No	No
	Volvo	XC60	2008 - 2016	#1, #2, #3, #4, #5, #6	dynamic	41	---	No	No	No	No	No
	Volvo	XC60	2017 -	#1, #2, #3, #4, #5, #6	dynamic	53	---	No	No	No	No	No
	Volvo	XC70 III	2008 - 2016	#1, #2, #3, #4, #5, #6	dynamic	41	requires Front Camera Leveling Aid (8PD 010 624-991)	No	No	No	No	No

Status Version	Manufacturer	Model	Year	Calibration required by	Calibration type	Available since version	Notes	Equipment for positioning		Equipment for calibration		
								CSC-Tool	Rear Cam Kit   Basic profile	Radar reflector	Magnetic Laser CSC 4-02	Mirror adjusting device CSC-4-03
	Volvo	XC90	2015 -	#1, #2, #3, #4, #5, #6	dynamic	51	---	No	No	No	No	No
	Volvo	XC40 Recharge Pure Electric	2018-	#1, #2, #3, #4, #5, #6	dynamic	69	---	No	No	No	No	No
	Volkswagen	Arteon (3H)	2017 -	#1, #2, #3, #4, #5, #6	static	53	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	Caddy (SA)	2015 - 2021	#1, #2, #3, #4, #5, #6	static	49	---	Yes	No	CSC 4-01 EVO	No	No
	Volkswagen	Caddy (SB)	2021 -	#1, #2, #3, #4, #5, #6	static	61	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	CC (35)	2012 - 2017	#1, #2, #3, #4, #5, #6	static	46	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	No
	Volkswagen	Crafter (SZ/SY)	2017 -	#1, #2, #3, #4, #5, #6	dynamic & static	52	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	Golf 7 (5G/BA)	2012 - 2020	#1, #2, #3, #4, #5, #6	static	46	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	Golf 8 (CD)	2020 -	#1, #2, #3, #4, #5, #6	dynamic & static	59	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	ID.3 (E1)	2020 -	#1, #2, #3, #4, #5, #6	dynamic & static	60	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	ID.4 (E2)	2021 -	#1, #2, #3, #4, #5, #6	dynamic & static	61	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	ID.5 (E3)	2022 -	#1, #2, #3, #4, #5, #6	dynamic & static	66	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	ID.Buzz (EB)	2022-	#1, #2, #3, #4, #5, #6	dynamic & static	69	---	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	Passat (36)	2010 - 2014	#1, #2, #3, #4, #5, #6	static	46	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	No
	Volkswagen	Passat (3C)	2005 - 2010	#1, #2, #3, #4, #5, #6	static	46	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	No
	Volkswagen	Passat (3G)	2015 - 2019	#1, #2, #3, #4, #5, #6	static	48	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	Passat (CB)	2019 -	#1, #2, #3, #4, #5, #6	static	58	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	Passat CC (35)	2008 - 2012	#1, #2, #3, #4, #5, #6	static	46	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	No
	Volkswagen	Phaeton (3D)	2007 - 2016	#1, #2, #3, #4, #5, #6	static	50	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	No
	Volkswagen	Polo (6C)	2014 - 2017	#1, #2, #3, #4, #5, #6	static	49	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	Polo (AE)	2021 -	#1, #2, #3, #4, #5, #6	dynamic & static	65	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	Polo (AW)	2017 - 2021	#1, #2, #3, #4, #5, #6	dynamic & static	53	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	Sharan (7N)	2010 -	#1, #2, #3, #4, #5, #6	static	49	---	Yes	No	CSC 4-01/CSC 4-01 EVO	Yes	No
	Volkswagen	T6 (SG/SF)	2015 - 2019	#1, #2, #3, #4, #5, #6	static	49	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	T6.1 (SH/SJ)	2019 -	#1, #2, #3, #4, #5, #6	dynamic & static	59	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	T7 (ST)	2022 -	#1, #2, #3, #4, #5, #6	dynamic & static	65	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	Taigo (CS)	2022 -	#1, #2, #3, #4, #5, #6	dynamic & static	65	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	T-Cross (C1)	2019 -	#1, #2, #3, #4, #5, #6	dynamic & static	57	dynamic or static calibration possible	yes/no	No	CSC 4-01 EVO	No	No
	Volkswagen	Tiguan (AD)	2016 - 2021	#1, #2, #3, #4, #5, #6	static	51	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	Tiguan (AX)	2021 -	#1, #2, #3, #4, #5, #6	dynamic & static	61	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	Tiguan Allspace (BJ)	2021 -	#1, #2, #3, #4, #5, #6	dynamic & static	65	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	Tiguan Allspace (BW)	2017 -	#1, #2, #3, #4, #5, #6	static	52	---	Yes	No	CSC 4-01 EVO	No	No
	Volkswagen	Touareg (7P)	2010 - 2018	#1, #2, #3, #4, #5, #6	static	46	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	Touareg (CR)	2018 -	#1, #2, #3, #4, #5, #6	static	56	---	Yes	No	CSC 4-01 EVO	No	No
	Volkswagen	Touran (5T)	2015 -	#1, #2, #3, #4, #5, #6	static	50	---	Yes	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	T-Roc (A1)	2017 -	#1, #2, #3, #4, #5, #6	dynamic & static	55	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No
	Volkswagen	T-Roc (D1)	2022 -	#1, #2, #3, #4, #5, #6	dynamic & static	66	dynamic or static calibration possible	yes/no	No	CSC 4-01/CSC 4-01 EVO	No	No

## 5 Vehicle Coverage Rear Radar

Basic precondition: mega macs PC, 77, 66, 56, 42SE, ONE, X

### Calibration required:

- #1 after removal/installation of radar sensor
- #2 after replacement radar sensor / change Lane Change Assistance ECU
- #3 after accident repair in the area of the radar sensor
- #4 after height adjustment of suspension
- #5 fault code
- #6 removal and installation

Status Version	Manufacturer	Model	Year	Calibration required by	Calibration type	Available since version	Notes	Equipment for positioning					Equipment for calibration
								CSC-Tool	Rear Cam Kit I Basic Profile	Rear Cam Kit I Basic reference panel	Rear Cam Kit I Addition Profile	Positioning aid	
	Audi	A3 (8V)	2012 -	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	A4 (8K)	2008 - 2015	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	A4 (8W)	2015 -	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	A5 (8T/8F)	2007 - 2016	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	A5 (F5)	2016 -	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	A6 (4A)	2018 -	#1, #2, #3, #5, #6	static & dynamic	57	dynamic or static calibration possible	yes/no	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	A6 (4F)	2004 - 2011	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	A6 (4G)	2011 - 2018	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	A6 (4G)	2010 - 2018	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	A7 (4K)	2018 -	#1, #2, #3, #5, #6	static & dynamic	57	dynamic or static calibration possible	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	A8 (4H)	2010 - 2017	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	A8 (4N)	2017 -	#1, #2, #3, #5, #6	static & dynamic	57	dynamic or static calibration possible	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	e-tron (GE)	2019 -	#1, #2, #3, #5, #6	static	58	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	e-tron GT (F8)	2021 -	#1, #2, #3, #5, #6	dynamic & static	64	dynamic or static calibration possible	yes/no	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	Q2 (GA)	2016 -	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	Q3 (F3)	2018 -	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	Q5 (8R)	2008 - 2016	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	Q5 (FY)	2017 -	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	Q7 (4L)	2005 - 2015	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	Q7 (4M)	2015 -	#1, #2, #3, #5, #6	static & dynamic	57	dynamic or static calibration possible	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	Q8 (4M)	2018 -	#1, #2, #3, #5, #6	static & dynamic	57	dynamic or static calibration possible	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	Q8 e-Tron (GE)	2023 -	#1, #2, #3, #5, #6	static & dynamic	71	dynamic or static calibration possible	yes/no	Yes	CSC 2-01	Yes	No	CSC 4-06
	Audi	TT (FV)	2014 -	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Citroën	C5X	2022-	#1, #2, #3, #5, #6	dynamic	69	---	No	No	No	No	No	No
	Hyundai	Kona	2017 -	#3, #5	dynamic	57	---	No	No	No	No	No	No
	Hyundai	Santa Fe	2018 -	#1, #2, #3, #5, #6	dynamic	71	Precondition: SGW activation via HGS Cyber Security Management	No	No	No	No	No	No
	Hyundai	Santa Fe (DM)	2012 - 2018	#3, #5	dynamic	57	---	No	No	No	No	No	No
	Hyundai	Santa Fe (TM)	2018 -	#3, #5	dynamic	56	---	No	No	No	No	No	No
	Hyundai	Tucson (TL)	2015 -	#3, #5	dynamic	56	---	No	No	No	No	No	No
	Kia	Ceed (CD)	2018 -	#3, #5	dynamic	56	---	No	No	No	No	No	No
	Kia	Ceed (JD)	2012 - 2018	#3, #5	dynamic	57	---	No	No	No	No	No	No
	Kia	Pro Ceed (JD)	2012 - 2018	#3, #5	dynamic	57	---	No	No	No	No	No	No
	Kia	Sorento	2021-	#1, #2, #3, #4, #5, #6	dynamic	69	Precondition: SGW activation via HGS Cyber Security Management	No	No	No	No	No	No
	Kia	Soul (SK3)	2019-	#1, #2, #3, #5, #6	dynamic	68	Precondition: SGW activation via HGS Cyber Security Management	No	No	No	No	No	No
	Kia	Stonic (YB)	2017 -	#3, #5	dynamic	56	---	No	No	No	No	No	No
	Lexus	ES	2018 -	#1, #2, #5	static	58	---	Yes	Yes	No	No	Yes	CSC 4-05
	Lexus	GS	2016 -	#1, #2, #5	static	58	---	Yes	Yes	No	No	Yes	CSC 4-05
	Lexus	IS	2015 - 2020	#1, #2, #5	static	58	---	Yes	Yes	No	No	Yes	CSC 4-05
	Lexus	IS	2020-	#1, #2, #5	static	65	---	Yes	Yes	No	No	Yes	CSC 4-05
	Lexus	LC	2016 -	#1, #2, #5	static	58	---	Yes	Yes	No	No	Yes	CSC 4-05
	Lexus	NX	2021-	#1, #2, #5	static	70	---	Yes	Yes	No	No	Yes	CSC 4-05
	Lexus	NX	2017 -	#1, #2, #5	static	58	---	Yes	Yes	No	No	Yes	CSC 4-05
	Lexus	RC	2015 -	#1, #2, #5	static	58	---	Yes	Yes	No	No	Yes	CSC 4-05
	Lexus	RX	2016 -	#1, #2, #5	static	58	---	Yes	Yes	No	No	Yes	CSC 4-05
	Lexus	UX	2019 -	#1, #2, #5	static	58	---	Yes	Yes	No	No	Yes	CSC 4-05
	Mazda	2 (DJ)	2015 -	#1, #2, #5, #6	static	58	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Mazda	3 (BM)	2013 - 2016	#1, #2, #5, #6	static	58	only with RVM (Rear View Monitoring)	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Mazda	3 (BM)	2013 - 2016	#1, #2, #5, #6	static	61	only with BSM (Blind Spot Monitoring)	Yes	Yes	No	No	Yes	CSC 4-04
	Mazda	3 (BN)	2016 - 2019	#1, #2, #5, #6	static	58	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Mazda	3 (BN)	2016 - 2019	#1, #2, #5, #6	static	61	only for Australian model variant	Yes	Yes	No	No	Yes	CSC 4-04
	Mazda	3 (BP)	2019 -	#1, #2, #5, #6	dynamic	59	---	No	No	No	No	No	No
	Mazda	6 (GJ)	2012 - 2016	#1, #2, #5, #6	static	58	only with RVM (Rear View Monitoring)	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Mazda	6 (GJ)	2012 - 2016	#1, #2, #5, #6	static	61	only with BSM (Blind Spot Monitoring)	Yes	Yes	No	No	Yes	CSC 4-04
	Mazda	6 (GL)	2017 -	#1, #2, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Mazda	6 (GL)	2017 -	#1, #2, #5, #6	static	61	only for Australian model variant	Yes	Yes	No	No	Yes	CSC 4-04
	Mazda	CX-3 (DK)	2015 -	#1, #2, #5, #6	static	58	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Mazda	CX-30 (DM)	2019 -	#1, #2, #5, #6	dynamic	59	---	No	No	No	No	No	No
	Mazda	CX-5 (KF)	2017 -	#1, #2, #5, #6	static	57	---	Yes	Yes	No	No	Yes	CSC 4-04
	Mazda	CX-5 (KF)	2017 -	#1, #2, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Mazda	CX-60 (KH)	2022-	#1, #2, #5, #6	dynamic	70	---	No	No	No	No	No	No
	Mazda	MX-30 (DR)	2020 -	#1, #2, #5, #6	dynamic	62	---	No	No	No	No	No	No
	Mercedes	A-Class (BM177)	2018 -	#1, #2, #5	dynamic	59	---	No	No	No	No	No	No
	Mercedes	AMG GT Coupe (BM290)	2014-	#1, #2, #3, #4, #5, #6	dynamic	68	---	No	No	No	No	No	No
	Mercedes	B-Class (BM247)	2019 -	#1, #2, #5	dynamic	59	---	No	No	No	No	No	No
	Mercedes	Citan (BM420)	2022-	#1, #2, #3, #4, #5, #6	dynamic	69	---	No	No	No	No	No	No
	Mercedes	C-Class (BM206)	2021-	#1, #2, #3, #4, #5, #6	dynamic	67	Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	No	No	No	No	No	No
	Mercedes	C-Class (BM223)	2021-	#1, #2, #3, #4, #5, #6	dynamic	67	Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	No	No	No	No	No	No
	Mercedes	C-Class (BM232)	2022 -	#1, #2, #3, #4, #5, #6	dynamic	67	Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	No	No	No	No	No	No
	Mercedes	C-Class (BM295)	2022 -	#1, #2, #3, #4, #5, #6	dynamic	67	Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	No	No	No	No	No	No
	Mercedes	C-Class (BM297)	2022 -	#1, 2, #3, #4, 5, 6	dynamic	67	Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	No	No	No	No	No	No
	Mercedes	CLA-Class (BM118)	2019 -	#1, #2, #5	dynamic	59	---	No	No	No	No	No	No
<b>new in V72</b>	Mercedes	CLE-Class (BM236)	2023-	#1, #2, #3, #4, #5, #6	dynamic	72	Precondition: SGW activation via HGS Cyber Security Management and the mega macs X (DoIP)	No	No	No	No	No	No
	Mercedes	EQA-Class (BM243)	2021-	#1, #2, #5	dynamic	63	---	No	No	No	No	No	No
	Mercedes	EQB-Class (BM243)	2021-	#1, #2, #5	dynamic	65	---	No	No	No	No	No	No
	Mercedes	EQC-Class (BM 293)	2019 -	#1, #2, #5	dynamic	59	---	No	No	No	No	No	No
<b>new in V72</b>	Mercedes	EQE SUV (BM294)	2023-	#1, #2, #3, #4, #5, #6	dynamic	72	Precondition: SGW activation via HGS Cyber Security Management and the mega macs X (DoIP)	No	No	No	No	No	No
	Mercedes	EQS-SUV (BM296)	2022-	#1, #2, #3, #4, #5, #6	dynamic	69	Precondition: SGW activation via HGS CSM and mega macs X (DoIP)	No	No	No	No	No	No



Status Version	Manufacturer	Model	Year	Calibration required by	Calibration type	Available since version	Notes	Equipment for positioning					Equipment for calibration
								CSC-Tool	Rear Cam Kit I Basic Profile	Rear Cam Kit I Basic reference panel	Rear Cam Kit I Addition Profile	Positioning aid	Radar reflector
	Mercedes	G-Class (BM463)	2018 -	#1, #2, #5	dynamic	70	---	No	No	No	No	No	No
	Mercedes	GLA-Class (BM247)	2020 -	#1, #2, #5	dynamic	60	---	No	No	No	No	No	No
	Mercedes	GLB-Class (BM247)	2019 -	#1, #2, #5	dynamic	59	---	No	No	No	No	No	No
	Mercedes	GLC-Class (BM254)	2022-	#1, #2, #3, #4,5,6	dynamic	68	Precondition: SGW activation via HGS CSM and mega macs X (DoiP)	No	No	No	No	No	No
	Mercedes	GLE/GLS-Class (BM167)	2018 -	#1, #2, #5	dynamic	59	---	No	No	No	No	No	No
	Mercedes	T-Class (BM420)	2022-	#1, #2, #3, #4, #5, #6	dynamic	69	---	No	No	No	No	No	No
	Mitsubishi	ASX	2018 -	#1, #2, #3, #5, #6	static	62	---	Yes	Yes	No	No	Yes	CSC 4-07
	Mitsubishi	EclipseCross	2019 -	#1, #2, #3, #5, #6	static	62	---	Yes	Yes	No	No	Yes	CSC 4-07
	Mitsubishi	L200	2019 -	#1, #2, #3, #5, #6	static	62	---	Yes	Yes	No	No	Yes	CSC 4-07
	Mitsubishi	Outlander III	2019 -	#1, #2, #3, #5, #6	static	62	---	Yes	Yes	No	No	Yes	CSC 4-07
	Peugeot	308III	2022-	#1, #2, #3, #5, #6	dynamic	69	---	No	No	No	No	No	No
	Renault	Arkana	2020 -	#1, #2, #5, #6	dynamic	66	Precondition: SGW activation via HGS Cyber Security Management or OEM portal and the use of the PassThru function via the VCI.	No	No	No	No	No	No
	Renault	Captur II	2019 -	#1, #2, #5, #6	dynamic	60	Precondition: SGW activation via HGS Cyber Security Management or OEM portal and the use of the PassThru function via the VCI.	No	No	No	No	No	No
	Renault	Clio V	2019 -	#1, #2, #5, #6	dynamic	60	Precondition: SGW activation via HGS Cyber Security Management or OEM portal and the use of the PassThru function via the VCI.	No	No	No	No	No	No
	Renault	Espace-V Facelift	2020-	#1, #2, #5, #6	dynamic	68	Precondition: SGW activation via HGS Cyber Security Management or OEM portal and the use of the PassThru function via the VCI.	No	No	No	No	No	No
	Renault	Kangoo III	2021 -	#1, #2, #3, #5, #6	dynamic	71	Precondition: SGW activation via HGS Cyber Security Management or OEM portal and the use of the PassThru function via the VCI.	No	No	No	No	No	No
	Renault	Megane IV Facelift	2018 -	#1, #2, #5, #6	dynamic	62	Precondition: SGW activation via HGS Cyber Security Management or OEM portal and the use of the PassThru function via the VCI.	No	No	No	No	No	No
	Renault	Talisman Facelift	2018 -	#1, #2, #5, #6	dynamic	62	Precondition: SGW activation via HGS Cyber Security Management or OEM portal and the use of the PassThru function via the VCI.	No	No	No	No	No	No
new in V72	Subaru	Solterra	2022 -	#1, #2, #3, #5, #6	static	72	---	Yes	Yes	No	No	Yes	CSC 4-05
	Suzuki	S-Cross	2022-	#1, #2, #3, #4, #5, #6	static	70	OEM/IAM equipment is required for alignment	No	No	No	No	No	No
	Suzuki	Swace	2020 -	#1, #2, #5	static	62	---	Yes	Yes	No	No	Yes	CSC 4-05
	Suzuki	Swift Sport	2020-	#1, #2, #3, #4, #5, #6	static	67	OEM/IAM equipment is required for alignment	No	No	No	No	No	No
	Suzuki	Vitara	2019-	#1, #2, #3, #4,5,6	static	67	OEM/IAM equipment is required for alignment	No	No	No	No	No	No
	Suzuki	b24X	2022 -	#1, #2, #5	static	71	---	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	Camry	2021-	#1 #2 #3 #4 5 #6	static	65	---	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	C-HR	2016 - 2020	#1, #2, #5	static	57	---	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	C-HR	2020 -	#1, #2, #5	static	62	---	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	Corolla	2018 -	#1, #2, #5	static	58	---	Yes	Yes	No	No	Yes	CSC 4-05
new in V72	Toyota	Corolla Cross	2022 -	#1, #2, #5	static	70	---	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	Corolla Hybrid	2023 -	#1, #2, #3, #5, #6	static	72	---	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	Corolla sedan	2018 -	#1, #2, #5	static	60	---	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	Hiace	2019 -	#1, #2, #5	static	61	only for Australian model variant	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	Highlander	2018 - 2020	#1, #2, #5	static	58	---	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	Highlander	2020 -	#1, #2, #5	static	62	---	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	Land Cruiser	2016 - 2020	#1, #2, #5	static	58	---	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	Land Cruiser Prado	2020 -	#1, #2, #5	static	62	---	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	Mirai	2021 -	#1, #2, #5	static	71	---	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	Prius	2016 -	#1, #2, #5	static	58	---	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	Prius	2020-	#1, #2, #5	static	63	---	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	Prius PHV Plug-In Hybrid	2020-	#1, #2, #5	static	63	---	Yes	Yes	No	No	Yes	CSC 4-05
new in V72	Toyota	Prius Plug-In Hybrid	2023 -	#1, #2, #3, #5, #6	static	72	---	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	RAV4	2016 - 2018	#1, #2, #5	static	58	---	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	RAV4	2018 -	#1, #2, #5	static	58	---	Yes	Yes	CSC 2-01	Yes	Yes	CSC 4-05
	Toyota	RAV4 Plug-In	2020-	#1, #2, #5	static	68	---	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	Yaris	2020-	#1, #2, #5	static	68	---	Yes	Yes	No	No	Yes	CSC 4-05
	Toyota	Yaris GR	2020-	#1, #2, #5	static	68	---	Yes	Yes	No	No	Yes	CSC 4-05
	Volkswagen	Arteon (3H)	2017 -	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Volkswagen	CC (35)	2012 - 2017	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Volkswagen	Passat (36)	2010 - 2014	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Volkswagen	Passat (3G)	2015 - 2019	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Volkswagen	Passat (CB)	2019 -	#1, #2, #3, #5, #6	static	58	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Volkswagen	Passat CC (35)	2008 - 2012	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Volkswagen	T5 (7E/7F)	2009 - 2015	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Volkswagen	T6 (SG/SF)	2015 -	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Volkswagen	Tiguan (AD)	2016 -	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Volkswagen	Tiguan Allspace (BW)	2017 -	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Volkswagen	Touareg (7L)	2006 - 2010	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Volkswagen	Touareg (7P)	2010 -	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Volkswagen	Touareg (CR)	2018 -	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06
	Volkswagen	Touran (5T)	2015 -	#1, #2, #3, #5, #6	static	57	---	Yes	Yes	CSC 2-01	Yes	No	CSC 4-06

## 6 Vehicle Coverage Laser Sensor

Basic precondition: mega macs PC, 77, 66, 56, 42SE, ONE, X

**Calibration required:**

- #1 laser sensor removed and installed
- #2 note about trouble code
- #3 suspension structure modified / adjusted
- #4 lock carrier loosened / wrongly adjusted
- #5 bumper bracket loosened / wrongly adjusted
- #6 damage of bumper bracket or lock carrier

Status Version	Manufacturer	Model	Year	Calibration required at	Available since version	Equipment for positioning		Equipment for calibration
						CSC-Tool	System mount	Targets
	Audi	A6 (4A)	2018 -	#1, #2, #3, #4, #5, #6	56	Yes	Yes	CSC 5-01
	Audi	A7 (4K)	2018 -	#1, #2, #3, #4, #5, #6	56	Yes	Yes	CSC 5-01
	Audi	A8 (4N)	2017 -	#1, #2, #3, #4, #5, #6	56	Yes	Yes	CSC 5-01
	Audi	Q7 (4M)	2019 -	#1, #2, #3, #4, #5, #6	56	Yes	Yes	CSC 5-01
	Audi	Q8 (4M)	2019 -	#1, #2, #3, #4, #5, #6	56	Yes	Yes	CSC 5-01
	Audi	e-tron (GE)	2019 -	#1, #2, #3, #4, #5, #6	59	Yes	Yes	CSC 5-01

## 7 Vehicle Coverage Front Corner Radar

Basic precondition: mega macs PC, 77, 66, 56, 42SE, ONE, X

**Calibration required:**

- #1 after removal/installation of radar sensor
- #2 replacement of radar sensor / ECU for front edge radar
- #3 after accident repair in the area of the radar sensor
- #4 after height adjustment of suspension
- #5 fault code
- #6 removal and installation

Status Version	Manufacturer	Model	Year	Calibration required at	Calibration type	Available since version	Notes	Equipment for positioning				Equipment for calibration
								CSC-Tool	Rear Cam Kit I Basic profile	Rear Cam Kit I Basic reference panel	Rear Cam Kit I Addition Profile	Radar reflector
	Audi	A6 (4A)	2018 -	#1, #2, #3, #5, #6	dynamic & static	59	dynamic or static calibration possible	yes / no	Yes	CSC 2-01	Yes	CSC 4-06
	Audi	A7 (4K)	2018 -	#1, #2, #3, #5, #6	dynamic & static	59	dynamic or static calibration possible	yes / no	Yes	CSC 2-01	Yes	CSC 4-06
	Audi	A8 (4N)	2017 -	#1, #2, #3, #5, #6	dynamic & static	59	dynamic or static calibration possible	yes / no	Yes	CSC 2-01	Yes	CSC 4-06
	Audi	e-tron (GE)	2019 -	#1, #2, #3, #5, #6	static	59		Yes	Yes	CSC 2-01	Yes	CSC 4-06
	Audi	e-tron GT (F8)	2021 -	#1, #2, #3, #5, #6	dynamic & static	63	dynamic or static calibration possible	yes / no	Yes	CSC 2-01	Yes	CSC 4-06
	Audi	Q7 (4M)	2015 -	#1, #2, #3, #5, #6	dynamic & static	59	dynamic or static calibration possible	yes / no	Yes	CSC 2-01	Yes	CSC 4-06
	Audi	Q8 (4M)	2018 -	#1, #2, #3, #5, #6	dynamic & static	59	dynamic or static calibration possible	yes / no	Yes	CSC 2-01	Yes	CSC 4-06
	Audi	Q8 e-Tron (GE)	2023 -	#1, #2, #3, #5, #6	dynamic & static	71	dynamic or static calibration possible	yes / no	Yes	CSC 2-01	Yes	CSC 4-06
	Kia	Optima	2015 -	#1, #2, #3, #4, #5, #6	static	70	---	No	Yes	No	No	CSC 4-04
	Lexus	NX	2021 -	#1, #2, #3, #4, #5, #6	static	70	---	No	Yes	No	No	CSC 4-05
	Mazda	3 (BP)	2019 -	#1, #2, #5, #6	dynamic	59	---	No	No	No	No	No
	Mazda	CX-30 (DM)	2019 -	#1, #2, #5, #6	dynamic	59	---	No	No	No	No	No
	Mazda	CX-60 (KH)	2022 -	#1, #2, #5, #6	dynamic	70	---	No	No	No	No	No
	Mazda	MX-30 (DR)	2020 -	#1, #2, #5, #6	dynamic	59	---	No	No	No	No	No
<b>new in V72</b>	Toyota	Prius Plug-In Hybrid	2023 -	#1, #2, #3, #4, #5, #6	static	72	---	Yes	Yes	CSC 2-01	Yes	CSC 4-06
	Volkswagen	Touareg (CR)	2018 -	#1, #2, #3, #5, #6	static	59	---	Yes	Yes	CSC 2-01	Yes	CSC 4-06

**HELLA GUTMANN SOLUTIONS GMBH**

Am Krebsbach 2

79241 Ihringen

GERMANY

Phone: +49 7668 9900-0

Fax: +49 7668 9900-3999

info@hella-gutmann.com

www.hella-gutmann.com

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Manufacturer	Type	Model	Fuel	Engine code	from year	to year	Engine displacement (cm³)	Power (kW)	KBA no.	K-Type-Number
Alfa Romeo	952	Giulia 2.0i 16V GMI.E.	B	55 27 38 35	2016-01-01		1995	147	1742ABB, 1742ABG	121698
Alfa Romeo	952	Giulia 2.2 16V JTDM	D	55 26 63 88	2016-01-01		2143	100	1742ABF	120213
Alfa Romeo	952	Giulia 2.2 16V JTDM	D	55 26 85 32	2016-01-01		2143	100	1742ABF	120213
Alfa Romeo	952	Giulia 2.2 16V JTDM	D	55 26 63 88	2015-01-01		2143	110	1742AAX	119958
Alfa Romeo	952	Giulia 2.2 16V JTDM	D	55 26 85 32	2016-01-01		2143	110	1742AAX	119958
Alfa Romeo	952	Giulia 2.2 16V JTDM	D	55 26 63 88	2016-01-01		2143	132	1742AAY	119959
Alfa Romeo	952	Giulia 2.2 16V JTDM	D	55 26 85 32	2016-01-01		2143	132	1742AAY	119959
Alfa Romeo	952	Giulia 2.9i V6 24V GDI.E. QV	B	67 00 50 436	2015-01-01		2891	375	1742AAZ	119608
Alfa Romeo	949	Stelvio 2.0i 16V GMI.E. Q4	B	55 27 38 35	2016-01-01		1995	206	1742ABJ, 1742ACG	125157
Alfa Romeo	949	Stelvio 2.2 16V JTDM Q4	D	55 27 18 38	2016-01-01		2143	154	1742ABK	126013
Alfa Romeo	949	Stelvio 2.2 16V JTDM	D	55 27 51 56	2017-01-01		2143	110	1742ABM	127368
Alfa Romeo	949	Stelvio 2.2 16V JTDM	D	55 27 51 56	2016-01-01		2143	132	1742ABN	126958
Alfa Romeo	949	Stelvio 2.2 16V JTDM Q4	D	55 27 18 38	2017-01-01		2143	132	1742ABO	127369
Alfa Romeo	949	Stelvio 2.9i V6 24V GDI.E. QV	B	67 00 50 436	2016-01-01		2891	375		119608
Alfa Romeo	952	Giulia 2.0i 16V GMI.E. Q4	B	55 27 38 35	2016-01-01		1995	206	1742ABH, 1742ACI	123388
Alfa Romeo	952	Giulia 2.2 16V JTDM Q4	D	55 26 88 18	2016-01-01		2143	154	1742ABI	123923
Alfa Romeo	949	Stelvio 2.0i 16V GMI.E. Q4	B	55 27 38 35	2017-01-01		1995	148	1742ABL	126959
Alfa Romeo	952	Giulia 2.2 16V JTDM	D	55 27 10 40	2015-01-01		2143	132	1742AAY	119959
Alfa Romeo	949	Stelvio 2.9i V6 24V GDI.E. QV Q4	B	67 00 51 007	2017-01-01		2891	375	1742ABR	129130
Alfa Romeo	952	Giulia 2.0i 16V GMI.E.	B	55 27 38 35	2016-01-01		1995	147	1742ABG, 1742ABP	121698
Alfa Romeo	952	Giulia 2.2 16V JTDM	D	55 26 88 18	2017-01-01		2143	132	1742ABQ	126711
Alfa Romeo	952	Giulia 2.2 16V JTDM Q4	D	55 28 45 29	2018-01-01		2143	140	1742ABW	131849
Alfa Romeo	952	Giulia 2.2 16V JTDM Q4	D	55 28 45 29	2018-01-01		2143	155	1742ABV	123923
Alfa Romeo	949	Stelvio 2.2 16V JTDM	D	46 33 56 92	2018-01-01		2143	118	1742ABU	131999
Alfa Romeo	949	Stelvio 2.2 16V JTDM	D	46 33 56 92	2018-01-01		2143	140	1742ABT	132002
Alfa Romeo	949	Stelvio 2.2 16V JTDM Q4	D	55 28 45 29	2018-01-01		2143	154	1742ABK	
Alfa Romeo	949	Stelvio 2.2 16V JTDM Q4	D	55 28 45 29	2018-01-01		2143	140	1742ABS	132004
Alfa Romeo	952	Giulia 2.2 16V JTDM	D	46 33 59 75	2015-01-01		2143	100	1742ABF	120213
Alfa Romeo	952	Giulia 2.2 16V JTDM	D	46 33 59 75	2018-01-01		2143	140	1742ABX	131845
Alfa Romeo	952	Giulia 2.2 16V JTDM Q4	D	55 26 88 18	2018-01-01		2143	140	1742ABW	131849
Alfa Romeo	949	Stelvio 2.0i 16V GMI.E.	B	55 27 38 35	2017-01-01		1995	206		127367
Alfa Romeo	949	Stelvio 2.0i 16V GMI.E. Q4	B	EC2	2017-01-01		1995	209		
Alfa Romeo	949	Stelvio 2.2 16V JTDM Q4	D	55 26 88 18	2018-01-01		2143	140	1742ABS	132004
Alfa Romeo	949	Stelvio 2.9i V6 24V GDI.E. QV Q4	B	EED	2017-01-01		2891	377		127816
Alfa Romeo	952	Giulia 2.2 16V JTDM	D	55 27 51 56	2018-01-01		2143	118	1742ABY	131842
Alfa Romeo	952	Giulia 2.9i V6 24V GDI.E. QV	B	67 00 50 436	2019-01-01		2891	383	1742ACC	138152
Alfa Romeo	952	Giulia 2.9i V6 24V GTA	B	67 00 50 436	2020-01-01		2891	397	1742ACH	139651
Alfa Romeo	949	Stelvio 2.2 16V JTDM	D	55 27 51 56	2018-01-01		2143	118	1742ABU	131999
Alfa Romeo	949	Stelvio 2.9i V6 24V GDI.E. QV Q4	B	67 00 50 436	2017-01-01		2891	375	1742ABR	129130
Alfa Romeo	949	Stelvio 2.9i V6 24V GDI.E. QV Q4	B	67 00 50 436	2019-01-01		2891	383	1742ACD	138149
Alfa Romeo	952	Giulia 2.0i 16V GMI.E.	B	55 27 38 35	2016-01-01		1995	206	1742ABB, 1742ACA	121146
Alfa Romeo	949	Stelvio 2.0i 16V GMI.E. Q4 4x4	B	55 27 38 35	2019-01-01		1995	184	1742ACE	143549
Alfa Romeo	965	Tonale 1.5i 16V TCT	B	46 34 78 12	2022-01-01		1469	96	1742ACJ	147915
Alfa Romeo	965	Tonale 1.5i 16V TCT	B	46 34 76 96	2022-01-01		1469	118	1742ACK	147916
Alfa Romeo	965	Tonale 1.6 16V VGT-D	D	46 34 60 20	2022-01-01		1598	96	1742ACL	151312
Audi	8Y	A3 30 TFSI Sportback	B	DLAA	2020-01-01		999	81	0588BUB, 0588BXS, 1860ABD	140516
Audi	8Y	A3 35 TFSI Sportback	B	DFYA	2020-01-01		1498	110	0588BUE, 0588BYB	140515
Audi	8Y	A3 30 TDI Sportback	D	DSUD	2020-01-01		1968	85	0588BUF, 0588BZP	139715
Audi	8Y	A3 35 TDI Sportback	D	DSRB	2020-01-01		1968	110	0588BUG, 0588BZQ	139716
Audi	8Y	A3 30 TFSI Sedan	B	DLAA	2020-01-01		999	81	0588BUI, 0588BXO	141544
Audi	8Y	A3 35 TFSI Sedan	B	DFYA	2020-01-01		1498	110	0588BUL, 0588BYD	140517
Audi	8Y	A3 30 TDI Sedan	D	DSUD	2020-01-01		1968	85	0588BUM, 0588BZN	140504
Audi	8Y	A3 35 TDI Sedan	D	DSRB	2020-01-01		1968	110	0588BUN, 0588BZO	140506
Audi	8Y	S3 2.0i 16V TFSI Sportback Quattro	B	DNFB	2020-01-01		1984	228	0588BVH, 0588BXT	142425
Audi	8Y	S3 2.0i 16V TFSI Sedan Quattro	B	DNFB	2020-01-01		1984	228	0588BXP	142424
Audi	8Y	A3 30 g-tron Sportback	B	DHFA	2020-01-01		1498	96	0588BVQ, 0588BXQ	142257
Audi	8Y	A3 30 TDI Sedan	D	DTRD	2020-01-01		1968	85	0588BZN	140504
Audi	8Y	A3 30 TDI Sportback	D	DTRD	2020-01-01		1968	85	0588BZP	139715
Audi	8Y	A3 35 TDI Sedan	D	DTSB	2020-01-01		1968	110	0588BZO	140506
Audi	8Y	A3 35 TDI Sportback	D	DTSB	2020-01-01		1968	110	0588BZQ	139716
Audi	FZ	Q4 35 e-tron	E	EBJA	2021-01-01		0	125	0588BZJ	144200
Audi	FZ	Q4 40 e-tron	E	EBJA	2021-01-01		0	150	0588BZK	144201
Audi	FZ	Q4 50 e-tron Quattro	E	EBRA	2021-01-01		0	220	0588BZV	144202
Audi	FZ	Q4 Sportback 35 e-tron	E	EBJA	2021-01-01		0	125	0588BZS	145085
Audi	FZ	Q4 Sportback 40 e-tron	E	EBJA	2021-01-01		0	150	0588BZT	145086
Audi	FZ	Q4 Sportback 50 e-tron	E	EBRA	2021-01-01		0	220	0588BZU	145087
Audi	8Y	A3 35 TDI Sportback	D	DTSA	2020-01-01		1968	110	0588BZQ	139716
Audi	8Y	A3 30 TDI Sportback	D	DTRB	2020-01-01		1968	85	0588BZP	139715
Audi	8Y	A3 35 TFSI Sedan	B	DPCA	2020-01-01		1498	110	0588BUC, 0588BYC	140518
Audi	8Y	A3 35 TFSI Sportback	B	DPCA	2020-01-01		1498	110	0588BUD, 0588BYA	139714
Audi	8Y	A3 40 TFSI e-tron Sportback	H	DGEA	2020-01-01		1395	110	0588BWW	142419
Audi	8Y	A3 40 TDI Sedan Quattro	D	DTUA	2020-01-01		1968	147	0588BWX	143265
Audi	8Y	A3 40 TFSI Sedan Quattro	B	DNNA	2021-01-01		1984	140	0588BXY	144929
Audi	8Y	RS3 2.5i 20V TFSI Quattro	B	DNWC	2021-01-01		2480	294	1860ABF	145088
Audi	8Y	A3 40 TDI Sportback Quattro	D	DTUA	2020-01-01		1968	147	0588BWX	143266
Audi	8Y	A3 40 TFSI Sportback Quattro	B	DNNA	2021-01-01		1984	140	0588BXZ	144930
Audi	FZ	Q4 45 e-tron Quattro	E	EBRA	2021-01-01		0	195	0588BZV	145083
Audi	8Y	RS3 2.5i 20V TFSI Sportback Quattro	B	DNWC	2021-01-01		2480	294	1860ABE	145089
Audi	8Y	A3 35 TDI Allstreet	D	DTSA	2022-01-01		1968	110	0588CAF	148316
Audi	8Y	A3 35 TFSI Allstreet	B	DFYA	2022-01-01		1498	110	0588CAD	148318
Audi	8Y	A3 40 TFSI Allstreet	B	DNNA	2022-01-01		1984	140	0588CAE	148317
Audi	8Y	A3 40 TFSI e-tron Allstreet	H	DGEA	2022-01-01		1395	110	0588CAG	148312
Audi	FZ	Q4 Sportback 45 e-tron Quattro	E	EBRA	2021-01-01		0	195	0588BZX	149239
Fiat	263	Doblo 1.4i 16V T-JET Natural Power	B	198 A4.000	2010-01-01	2015-01-01	1368	88	4136AQB, 4136AQR	1634,2747,120298
Fiat	263	Doblo 1.6 16V JTDM	D	198 A3.000	2011-01-01		1598	77	4136AUN	1046,9300,33399
Fiat	263	Doblo 1.6 16V JTDM	D	263 A4.000	2011-01-01		1598	66	4136AUG	7213,12206
Fiat	263	Doblo 1.3 16V JTDM	D	199 A3.000	2009-01-01		1248	66	1727AIG, 4136AOF, 4136APD	9298,33397,33402
Fiat	263	Doblo 1.3 16V JTDM	D	263 A2.000	2009-01-01		1248	66	4136AOF, 4136APD	9298,33397,33402
Fiat	263	Doblo 1.4i 16V	B	843 A1.000	2009-01-01		1368	70	4136APC	9302,33398,33401
Fiat	263	Doblo 1.6 16V JTDM	D	263 A3.000	2009-01-01		1598	74	1727AHY, 4136APF, 4136AQP	10543,33403
Fiat	263	Doblo 1.6 16V JTDM	D	198 A3.000	2009-01-01		1598	77	4136APE	1046,9300,33399
Fiat	263	Doblo 2.0 16V JTDM	D	263 A1.000	2009-01-01		1956	99	4136APB, 4136APG, 4136AQQ	9301,33400,33404
Fiat	263	Doblo 1.4i 16V	B	843 A1.000	2009-01-01		1368	70	4136AOE, 4136AQN	9302,33398,33401
Fiat	263	Doblo 1.6 16V JTDM	D	198 A3.000	2009-01-01		1598	77	4136AOG, 4136AQO	1046,9300,33399
Fiat	330	500L 1.4i 16V	B	843 A1.000	2013-01-01	2015-01-01	1368	70	4136AYI	55634
Fiat	263	Doblo 1.6 16V JTDM	D	263 A4.000	2010-01-01		1598	66	1727AIM, 4136ARD	1051
Fiat	263	Doblo 1.6 16V JTDM	D	263 A4.000	2010-01-01		1598	66	4136ARE	7213
Fiat	263	Doblo 1.3 16V JTDM	D	263 A2.000	2011-01-01		1248	66	4136AUM	9298,33397,33402
Fiat	263	Doblo 1.6 16V JTDM	D	263 A3.000	2011-01-01		1598	74	4136AUG	10543,33403
Fiat	263	Doblo 1.3 16V JTDM	D	199 A3.000	2011-01-01		1248	66	1727AHW, 4136ARM, 4136AUM	9298,33397,33402
Fiat	263	Doblo 2.0 16V JTDM	D	263 A1.000	2011-01-01		1956	99	4136AUP	9301,33400,33404
Fiat	263	Doblo 1.4i 16V T-JET	B	198 A4.000	2011-01-01		1368	88	4136AXP, 4136AXQ	23647,23703,120297
Fiat	330	500L 0.9i 4V TwinAir Turbo Natural Power	B	312 A2.000	2013-01-01		875	63		58792
Fiat	330	500L 1.4i 16V T-JET	B	940 B7.000	2013-01-01		1368	88	4136BBD	100340
Fiat	330	500L 1.6 16V JTDM	D	955 A3.000	2013-01-01	2015-01-01	1598	88	4136BAW	52464
Fiat	330	500L 1.4i 16V T-JET Bipower	B	940 B7.000	2014-01-01	2015-01-01	1368	88	413	

Manufacturer	Type	Model	Fuel	Engine code	from year	to year	Engine displacement (cm³)	Power (kW)	KBA no.	K-Type-Number
Fiat	334	500X 1.4i 16V Multi Air Turbo 4x4	B	55 2636 23	2015-01-01		1368	125	1727AAH	112194
Fiat	334	500X 1.4i 16V Multi Air Turbo 4x4	B	55 2636 23	2015-01-01		1368	120	1727AAI	112193
Fiat	334	500X 1.4i 16V Multi Air Turbo	B	55 2636 24	2015-01-01		1368	100	1727AAF	108486
Fiat	334	500X 1.4i 16V Multi Air Turbo	B	55 2636 24	2015-01-01		1368	103	1727AAE, 4136BCH	108300
Fiat	334	500X 1.3 16V JTDM	D	55 2669 63	2014-01-01		1248	70	1727ABY	115781
Fiat	330	500L 1.6 16V JTDM	D	940 C1.000	2015-01-01		1598	88	1727ABM	52464
Fiat	330	500L 1.6 16V JTDM	D	955 A3.000	2015-01-01		1598	88	1727ABM	52464
Fiat	330	500L 1.4i 16V	B	843 A1.000	2015-01-01		1368	70	1727ABE	55634
Fiat	330	500L 0.9i 4V TwinAir Turbo	B	199 B6.000	2015-01-01		875	77	1727ABF	55635
Fiat	330	500L 1.4i 16V T-JET	B	940 B7.000	2013-01-01		1368	88	1727ABG	100340
Fiat	263	Doblo 1.6 16V JTDM	D	198 A3.000	2016-01-01		1598	77	1727AHX	1046,9300,33399
Fiat	263	Doblo 1.6 16V JTDM	D	263 A8.000	2016-01-01	2019-12-01	1598	77	1727AHX	1046,9300,33399
Fiat	263	Doblo 2.0 16V JTDM	D	263 A1.000	2016-01-01		1956	99	1727AHZ	9301,33400,33404
Fiat	263	Doblo 1.6 16V JTDM	D	263 A5.000	2016-01-01		1598	66	1727AIA	7213,12206
Fiat	263	Doblo 1.3 16V JTDM	D	263 A6.000	2016-01-01		1248	55	1727AIB, 1727AIN	100767,1008
Fiat	263	Doblo 1.6 16V JTDM	D	940 C1.000	2016-01-01		1598	88	1727AIC	113191,119850,119851
Fiat	263	Doblo 1.3 16V JTDM	D	225 A2.000	2016-01-01		1248	59	1727AID, 1727AIP	119854,1199
Fiat	263	Doblo 1.3 16V JTDM	D	330 A1.000	2016-01-01		1248	70	1727AIE, 1727AIQ	119852,119853,119855
Fiat	263	Doblo 1.4i 16V	B	843 A1.000	2016-01-01		1368	70	1727AIF, 1727ALL	9302,33398,33401
Fiat	263	Doblo 1.3 16V JTDM	D	263 A2.000	2016-01-01		1248	66	1727AIG	9298,33397,33402
Fiat	263	Doblo 1.6 16V JTDM	D	198 A3.000	2016-01-01		1598	77	1727AIH	1046,9300,33399
Fiat	263	Doblo 1.6 16V JTDM	D	263 A8.000	2019-01-01	2022-12-01	1598	77	1727AIH	1046,9300,33399
Fiat	263	Doblo 1.6 16V JTDM	D	263 A3.000	2016-01-01		1598	74	1727AIJ	119865
Fiat	263	Doblo 1.6 16V JTDM	D	263 A9.000	2016-01-01	2019-12-01	1598	74	1727AIJ	10543,33403,119865
Fiat	263	Doblo 2.0 16V JTDM	D	263 A1.000	2016-01-01		1956	99	1727AIJ	9301,33400,33404
Fiat	263	Doblo 1.4i 16V T-JET Natural Power	B	198 A4.000	2016-01-01		1368	88	1727AIK	1634,2747,120298
Fiat	263	Doblo 1.4i 16V T-JET	B	198 A4.000	2012-01-01		1368	88	1727AIL, 1727ALN	23647,23703,120297
Fiat	263	Doblo 1.6 16V JTDM	D	263 A5.000	2016-01-01		1598	66	1727AIM	7213,12206
Fiat	263	Doblo 1.6 16V JTDM	D	940 C1.000	2016-01-01		1598	88	1727AIO	113191,119850,119851
Fiat	263	Doblo 1.3 16V JTDM	D	330 A1.000	2016-01-01		1248	70	1727AIQ	9301,33400,33404
Fiat	263	Doblo 1.3 16V JTDM	D	263 A2.000	2016-01-01		1248	66	1727AIW	9298,33397,33402
Fiat	263	Doblo 1.6 16V JTDM	D	263 A6.000	2016-01-01		1598	88	4136BEE	100767,1008
Fiat	263	Doblo 1.6 16V JTDM	D	940 C1.000	2016-01-01		1598	88	4136BEF	113191,119850,119851
Fiat	263	Doblo 1.6 16V JTDM	D	940 C1.000	2016-01-01		1598	88	4136BEE	113191,119850,119851
Fiat	263	Doblo 1.4i 16V T-JET Natural Power	B	198 A4.000	2016-01-01		1368	88	1727ALM	1634,2747,120298
Fiat	263	Doblo 1.6 16V JTDM	D	940 C1.000	2016-01-01		1598	88	1727ALO	113191,119850,119851
Fiat	263	Doblo 1.6 16V JTDM	D	263 A9.000	2009-01-01		1598	74	4136AQP	10543,33403
Fiat	334	500X 1.4i 16V Multi Air	B	55 2636 24	2014-01-01		1368	103	4136BCH	108300
Fiat	330	500L 1.3 16V JTDM	D	330 A1.000	2015-01-01		1248	70	1727ABN, 4136BBY	107522
Fiat	330	500L 0.9i 4V TwinAir Turbo Natural Power	B	312 A2.000	2015-01-01		875	63	1727ABQ	111089
Fiat	330	500L 0.9i 4V TwinAir Turbo Natural Power	B	312 A2.000	2017-01-01		875	59	1727APE	127510
Fiat	330	500L 1.3 16V JTDM	D	199 B4.000	2015-01-01		1248	62	4136ABO	55636
Fiat	330	500L 1.4i 16V T-JET Bipower	B	940 B7.000	2015-01-01		1368	88	1727ABH	100859
Fiat	334	500X 1.4i 16V Multi Air Turbo LPG	B	55 2777 01	2017-01-01		1368	88	1727APA	127239
Fiat	330	500L 1.3 16V JTDM	D	55 2837 75	2018-01-01		1248	70	1727ABN	
Fiat	330	500L 1.6 16V JTDM	D	55 2804 44	2018-01-01		1598	88	1727ABM	52464
Fiat	334	500X 1.0i 12V GSE	B	55 2821 51	2018-01-01		999	88	1727AQE	132508
Fiat	334	500X 1.3 16V JTDM Cross	D	55 2837 75	2018-01-01		1248	70	1727ABY	115781
Fiat	334	500X 1.3i 16V GSE Cross	B	55 2823 28	2018-01-01		1332	110	1727AQF, 1727ASS	132501
Fiat	334	500X 1.6 16V JTDM	D	55 2804 44	2018-01-01		1598	88	1727ABN, 4136BCD	108301
Fiat	334	500X 2.0 16V JTDM	D	55 2837 75	2018-01-01		1248	70	1727ABN	107522
Fiat	334	500X 2.0 16V JTDM	D	55 2830 99	2018-01-01		1956	110	1727AQQ	132500
Fiat	334	500X 1.6i 16V E-Torq	B	55 2638 42	2018-01-01		1598	81		111083
Fiat	334	500X 1.6i 16V E-Torq	B	55 2638 42	2018-01-01		1598	81	1727AAG	111083
Fiat	263	Doblo 1.4i 16V	B	843 A1.000	2016-01-01		1368	70	1727ALL	9302,33398,33401
Fiat	263	Doblo 1.6 16V JTDM	D	940 C1.000	2016-01-01		1598	88	4136BCW	113191,119850,119851
Fiat	263	Doblo 1.6 16V JTDM	D	55 2804 44	2018-01-01		1598	88	1727ALO	
Fiat	263	Doblo 1.6 16V JTDM	D	263 A7.000	2016-01-01		1598	70	4136BCX	133098
Fiat	263	Doblo 1.6 16V JTDM	D	263 A7.000	2016-01-01		1598	70	1727ALP	113175,1331
Fiat	263	Doblo 1.6 16V JTDM	D	55 2804 44	2018-01-01		1598	70	1727ALP	
Fiat	334	500X 2.0 16V JTDM 4x4	D	55 2630 87	2014-01-01		1956	100	1727AAD	108488
Fiat	263	Doblo 1.6 16V JTDM	D	263 A4.000	2010-01-01		1598	66	1727AIA, 4136AUQ	12206
Fiat	334	500X 1.0i 12V GSE	B	55 2821 51	2018-01-01		999	84	1727AQH	141711
Fiat	334	500X 2.0 16V JTDM	D	55 2630 88	2018-01-01		1956	110	1727AQQ	132500
Fiat	332	500e	E	463 48,460	2020-01-01		0	70	1727AVN, 1727AWB	142461
Fiat	332	500e Convertible	E	463 48,460	2020-01-01		0	70	1727AVN, 1727AWB	142467
Fiat	334	500X 1.6 16V JTDM	D	55 2804 44	2014-01-01		1598	84	1727AAB, 4136BCE	108484
Fiat	334	500X 2.0 16V JTDM 4x4	D	55 2630 88	2018-01-01		1956	110	1727AQQ	132500
Fiat	332	500e 3+1	E	463 48 460	2020-01-01		0	87	1727AVN, 1727AWB	142459
Fiat	332	500e Convertible	E	463 48 460	2020-01-01		0	87	1727AWB	142468
Mercedes	190377	AMG GT-C (190) Coupe	B	178,980	2014-01-01	2017-01-01	3982	340	1414AAG	108073
Mercedes	190378	AMG GT S (C190) 4.0i V8 32V CGI RWD Coupe	B	178,980	2014-01-01	2017-01-01	3982	375	1414AAH	108074
Mercedes	190379	AMG GT R (C190) 4.0i V8 32V CGI RWD Coupe	B	178,980	2017-01-01		3982	430	1414AAK	123743
Mercedes	190477	AMG GT (R190) 4.0i V8 32V CGI RWD Roadster	B	178,980	2017-01-01		3982	350	1414AAO	123745
Mercedes	190480	AMG GT C (R190) 4.0i V8 32V CGI RWD Roadster	B	178,980	2017-01-01		3982	410	1414AAI	123747
Mercedes	190377	AMG GT (C190) 4.0i V8 32V CGI RWD Coupe	B	178,980	2017-01-01		3982	350	1414AAL	126755
Mercedes	190380	AMG GT C (C190) 4.0i V8 32V CGI RWD Coupe	B	178,980	2017-01-01		3982	410	1414AAN	128046
Mercedes	190378	AMG GT S (C190) 4.0i V8 32V CGI RWD Coupe	B	178,980	2017-01-01		3982	384	1414AAM	126756
Mercedes	190478	AMG GT S (R190) 4.0i V8 32V RWD Roadster	B	178,980	2017-01-01		3982	384	1414AAP	131625
Mercedes	236350	CLE 200 (236) Coupe	B	254,920	2023-01-01		1999	167	2222BNO	
Mercedes	236351	CLE 200 (236) Coupe 4Matic	B	254,920	2023-01-01		1999	167		
Mercedes	236347	CLE 300 (236) Coupe 4Matic	B	254,920	2023-01-01		1999	207	2222BNQ	
Mercedes	236361	CLE 450 (236) Coupe 4Matic	B	254,920	2023-01-01		2999	280		
Mercedes	236304	CLE 220 d (236) Coupe	D	654,820	2023-01-01		1993	162	2222BNP	
Mercedes	290659	AMG GT 43 (X290) 3.0i 24V CGI EQ Boost 4x4 Coupe	H	256,930	2018-01-01		2999	270	1313HVY, 2222APP	132845
Mercedes	290661	AMG GT 43 (X290) 3.0i 24V CGI EQ Boost 4x4 Coupe	H	256,930	2018-01-01		2999	320	1313HVX, 2222APN	132844
Mercedes	290688	AMG GT 63 (X290) 4.0i V8 32V CGI 4x4 Coupe	B	177,980	2018-01-01		3982	430	1313HVW, 2222APQ	132178
Mercedes	290689	AMG GT 63 S (X290) 4.0i V8 32V CGI 4x4 Coupe	B	177,980	2018-01-01		3982	470	1313HVV, 2222APR	132180
Mercedes	213054	E 300e (213 Mod.20) 4Matic Hybrid	H	274,920	2020-01-01		1991	155	2222ASS	141881
Mercedes	213011	E 300 CDI (213 Mod.20) 4Matic Hybrid	H	654,920	2020-01-01		1950	143	2222AST	140789
Mercedes	213023	E 400 CDI (213 Mod.20) 4Matic	D	656,929	2020-01-01		2925	243	2222BAM	141374
Mercedes	213	E 400 CDI (213 Mod.20) 4Matic	D	656,929	2020-01-01		2925	250		134263
Mercedes	213	E 200 (213 Mod.20)	B	274,920	2020-01-01		1991	155		118513
Mercedes	213	E 200 CDI (213 Mod.20)	D	654,916	2020-01-01		1597	118		134260
Mercedes	213206	E 220 CDI (213 Mod.20) T-Mod.	D	654,920	2020-01-01		1950	143		
Mercedes	213008	E 300 CDI (213 Mod.20)	D	654,920	2020-01-01		1950	180	1313HLD, 2222AIF	130268
Mercedes	213	E 350 CDI (213 Mod.20)	D	656,929	2020-01-01		2987	210		132313
Mercedes	213	E 450 (213 Mod.20) 4Matic	B	276,823	2020-01-01		2996	270		132316
Mercedes	213253	E 300 (213 Mod.20) T-Mod. 4Matic	B	274,920	2020-01-01		1991	215	2222ATAK	141547
Mercedes	190479	AMG GT R (R190) 4.0i V8 32V CGI RWD Roadster	B	178,980	2017-01-01		3982	430	1414AAQ	135958
Mercedes	213016	E 300de (213 Mod.20) Hybrid	H	654,920	2020-01-01		1950	143	1313HSL, 2222AIO	139284
Mercedes	213211	E 300 CDI (213 Mod.20) T-Mod. 4Matic Hybrid	H	654,920	2020-01-01		1950	143		

Manufacturer	Type	Model	Fuel	Engine code	from year	to year	Engine displacement (cm³)	Power (kW)	KBA no.	K-Type-Number
Mercedes	223068	S 580 e (223)	H	256,930	2020-01-01		2999	375	2222AXQ	144824
Mercedes	223076	S 580 (223) 4Matic	B	176,980	2020-01-01		2999	370	2222AXP	144368
Mercedes	223060	S 450 (223) EQBoost	B	256,930	2020-01-01		2999	286	2222AXR	145181
Mercedes	206041	C 180 (206)	B	254,915	2021-01-01		1496	125	2222AYC	143576
Mercedes	206042	C 200 (206)	B	254,915	2021-01-01		1496	150	2222AYD	143578
Mercedes	206043	C 200 (206) 4Matic	B	254,915	2021-01-01		1496	150	2222AYE	143579
Mercedes	206003	C 200d (206)	D	654,820	2021-01-01		1993	120	2222BDA	145132
Mercedes	206004	C 220d (206)	D	654,820	2021-01-01		1993	147	2222AYA	143580
Mercedes	206005	C 220d (206) 4Matic	D	654,820	2021-01-01		1993	147	2222BCZ	145133
Mercedes	206046	C 300 (206)	B	254,920	2021-01-01		1999	190	2222AYF	143631
Mercedes	206047	C 300 (206) 4Matic	B	254,920	2021-01-01		1999	190	2222AYG	143630
Mercedes	206006	C 300d (206)	D	654,820	2021-01-01		1993	195	2222AYB	143581
Mercedes	206007	C 300d (206) 4Matic	D	654,820	2020-01-01		1993	195	2222BCY	145134
Mercedes	206241	C 180 (206) T-Mod.	B	254,915	2021-01-01		1496	125	2222BCW	145151
Mercedes	206242	C 200 (206) T-Mod.	B	254,915	2021-01-01		1496	150	2222BAL	143633
Mercedes	206243	C 200 (206) T-Mod. 4Matic	B	254,915	2021-01-01		1496	150	2222BEM	145529
Mercedes	206203	C 200d (206) T-Mod.	D	654,820	2021-01-01		1993	120	2222BDF	145150
Mercedes	206216	C 220d (206) T-Mod.	D	654,820	2021-01-01		1993	147	2222AYH	143635
Mercedes	206205	C 220d (206) T-Mod. 4Matic	D	654,820	2021-01-01		1993	147	2222BBU	145149
Mercedes	206246	C 300 (206) T-Mod.	B	254,920	2021-01-01		1999	190	2222BEN	145527
Mercedes	206247	C 300 (206) T-Mod. 4Matic	B	254,920	2021-01-01		1999	190	2222BEO	145528
Mercedes	206206	C 300d (206) T-Mod.	D	654,820	2021-01-01		1993	195	2222AYI	143634
Mercedes	420753	Citan 110 (420)	B	200,731	2021-01-01		1332	75	2222BDL	145368
Mercedes	420663	Citan 113 (420)	B	200,731	2021-01-01		1332	96	2222BEB	145363
Mercedes	420713	Citan 108 CDI (420)	D	608,915 (K9K)	2021-01-01		1461	55	2222BDJ	145370
Mercedes	420623	Citan 110 CDI (420)	D	608,915 (K9K)	2021-01-01		1461	70	2222BDZ	145360
Mercedes	420633	Citan 112 CDI (420)	D	608,915 (K9K)	2021-01-01		1461	85	2222BEC	145361
Mercedes	295121	EQE 350+ (295)	E	780,600	2022-01-01		0	215	2222BIN	145523
Mercedes	297123	EQS 450+ (297)	E	780,600	2021-01-01		0	245	2222AXZ, 2222BKW	145121
Mercedes	297144	EQS 580 (297) 4Matic	E	780,600	2021-01-01		0	385	2222AXY	145122
Mercedes	223161	S 450 L (223) 4Matic EQBoost	B	256,930	2020-01-01		2999	286	2222AXJ	143385
Mercedes	223163	S 500 L (223) 4Matic EQBoost	B	256,930	2020-01-01		2999	336	2222AWT	143384
Mercedes	223976	S 580 Maybach (223) 4Matic EQBoost	B	176,980	2021-01-01		3982	370	2222AXP	145297
Mercedes	206054	C 300e (206)	H	254,920	2021-01-01		1999	150	2222BCX	146621
Mercedes	206254	C 300e (206) T-Mod.	H	254,920	2021-01-01		1999	150	2222BEP	146620
Mercedes	290679	AMG GT 63 S (290) E-Performance Coupe 4Matic+	H	177,880	2022-01-01		3982	470	2222BEQ	146626
Mercedes	206245	C 200 (206) All-Terrain 4Matic	B	254,915	2021-01-01		1496	150		146614
Mercedes	295132	EQE 43 AMG (295) 4Matic	E	780,600	2022-01-01		0	350	2222BIO	147037
Mercedes	297121	EQS 350 (297)	E	780,600	2021-01-01		0	215		146622
Mercedes	297155	EQS 53 AMG (297) 4Matic	E	780,600	2021-01-01		0	484	2222BDE	146623
Mercedes	223069	S 580 e (223) 4Matic	H	256,930	2021-01-01		2999	375	2222BEL	147325
Mercedes	420853	T 160 (420)	B	200,731	2022-01-01		1332	75		147697
Mercedes	420823	T 160 CDI (420)	D	608,915 (K9K)	2022-01-01		1461	70		147699
Mercedes	420863	T 180 (420)	B	200,731	2022-01-01		1332	96		147698
Mercedes	420833	T 180 CDI (420)	D	608,915 (K9K)	2022-01-01		1461	85		147700
Mercedes	254651	GLC 200 (254) 4Matic	B	254,920	2022-01-01		1999	150	2222BOF	148212
Mercedes	254605	GLC 220d (254) 4Matic	D	654,820	2022-01-01		1992	145	2222BJX, 2222BOG	148214
Mercedes	254647	GLC 300 (254) 4Matic	B	254,920	2022-01-01		1999	190	2222BOH	145213
Mercedes	254656	GLC 300e (254) 4Matic Hybrid	H	254,920	2022-01-01		1999	230	2222BLC, 2222BOK	150606
Mercedes	254655	GLC 400e (254) 4Matic Hybrid	H	254,920	2022-01-01		1999	280	2222BLD, 2222BOL	150607
Mercedes	296623	EQS SUV 450+ (296)	E	780,600	2022-01-01		0	265		148215
Mercedes	296644	EQS SUV 580 (296) 4Matic	E	780,300	2022-01-01		0	400		148217
Mercedes	296624	EQS SUV 450 (296) 4Matic	E	780,300	2022-01-01		0	265		148216
Mercedes	295111	EQE 300 (295)	E	780,600	2022-01-01		0	180		148191
Mercedes	295125	EQE 350 (295)	E	780,600	2022-01-01		0	215		150131
Mercedes	295112	EQE 350 (295) 4Matic	E	780,300	2022-01-01		0	215		148192
Mercedes	295122	EQE 500 (295) 4Matic	E	780,300	2022-01-01		0	300		148193
Mercedes	295153	EQE 53 AMG (295) 4Matic+	E	780,300	2022-01-01		0	460	2222BIZ	148194
Mercedes	297124	EQS 450 (297) 4Matic	E	780,300	2022-01-01		0	265	2222BKX	147683
Mercedes	297134	EQS 500 (297) 4Matic	E	780,300	2022-01-01		0	330	2222BKY	147680
Mercedes	297144	EQS 580 (297) 4Matic	E	780,300	2021-01-01		0	385	2222BKZ	145122
Mercedes	254607	GLC 300d (254) 4Matic	D	654,820	2022-01-01		1992	198	2222BLA, 2222BOI	150600
Mercedes	420723	Citan 110 CDI (420)	D	608,915 (K9K)	2021-01-01		1461	70	2222BDK	145371
Mercedes	420613	Citan 108 CDI (420)	D	608,915 (K9K)	2021-01-01		1461	55	2222BDY	145359
Mercedes	206204	C 220d (206) T-Mod.	D	654,820	2021-01-01		1993	147	2222AYH	143635
Mercedes	206016	C 220d (206)	D	654,820	2021-01-01		1993	147	2222AYA	143580
Mercedes	420653	Citan 110 (420)	B	200,731	2021-01-01		1332	75	2222BEA	145362
Mercedes	223131	S 350d L (223) 4Matic	D	656,929	2020-01-01		2925	210	2222AWR	143388
Mercedes	223133	S 400d L (223) 4Matic	D	656,929	2020-01-01		2925	243	2222AWS	143389
Mercedes	223160	S 450 L (223) EQBoost	B	256,930	2020-01-01		2999	286	2222AXR	143798
Mercedes	223168	S 580 e L (223)	H	256,930	2020-01-01		2999	375	2222AXQ	144826
Mercedes	295153	EQE 53 AMG (295) 4Matic+	E	780,300	2022-01-01		0	505	2222BNZ	153322
Mercedes	296643	EQS SUV 500 (296) 4Matic	E	780,300	2022-01-01		0	330		153320
Renault	JRM1	Espace-V 1.8 TCe 225	B	M5P-401 (M5P-K4)	2017-01-01		1798	165	3333BHJ	128888
Renault	JRM1	Espace-V 1.8 TCe 225	B	M5P-403 (M5P-K4)	2017-01-01		1798	165	3333BHJ	128888
Renault	JRAL	Espace-V 2.0 Blue-dCi	D	M9R-650 (M9R-G6)	2018-01-01		1995	147	3333BKQ	133450
Renault	JRAM	Espace-V 2.0 Blue-dCi	D	M9R-650 (M9R-G6)	2018-01-01		1995	118	3333BKR	133448
Renault	B9N8	Megane-IV 1.3 TCe	B	H5H-470 (H5H-B4)	2018-01-01		1332	75	3333BKA	134067
Renault	B9N9	Megane-IV 1.3 TCe	B	H5H-470 (H5H-B4)	2018-01-01		1332	85	3333BJH	131930
Renault	B9N9	Megane-IV 1.3 TCe	B	H5H-450 (H5H-A4)	2018-01-01		1332	85	3333BJH, 3333BMO	131930, 1333
Renault	B9NB	Megane-IV 1.3 TCe	B	H5H-470 (H5H-B4)	2018-01-01		1332	103	3333BJF	131933
Renault	B9NB	Megane-IV 1.3 TCe	B	H5H-450 (H5H-A4)	2018-01-01		1332	103	3333BJF	131933
Renault	K9N8	Megane-IV 1.3 TCe Grandtour	B	H5H-470 (H5H-B4)	2018-01-01		1332	75	3333BKD	134066
Renault	K9N9	Megane-IV 1.3 TCe 115 Grandtour	B	H5H-450 (H5H-A4)	2018-01-01		1332	85	3333BJK	131935
Renault	K9NC	Megane-IV 1.3 TCe 160 Grandtour	B	H5H-470 (H5H-B4)	2018-01-01		1332	117	3333BKC	135394
Renault	K9N9	Megane-IV 1.3 TCe 115 Grandtour	B	H5H-470 (H5H-B4)	2018-01-01		1332	85	3333BJK	131935
Renault	K9NB	Megane-IV 1.3 TCe 140 Grandtour	B	H5H-470 (H5H-B4)	2018-01-01		1332	103	3333BJI	131936
Renault	K9NB	Megane-IV 1.3 TCe 140 Grandtour	B	H5H-450 (H5H-A4)	2018-01-01		1332	103	3333BJI	131936
Renault	K9NC	Megane-IV 1.3 TCe Grandtour	B	H5H-450 (H5H-A4)	2018-01-01	2018-01-01	1332	120	3333BJJ	131937
Renault	K9A2	Megane-IV 1.5 Blue-dCi Grandtour	D	K9K-872 (K9K-U8)	2018-01-01		1461	70	3333BKN	132793
Renault	K9A6	Megane-IV 1.5 Blue-dCi Grandtour	D	K9K-872 (K9K-U8)	2018-01-01		1461	85	3333BKO	132797
Renault	B9NC	Megane-IV 1.3 TCe 160	B	H5H-470 (H5H-B4)	2018-01-01		1332	117	3333BJZ	135288
Renault	B9NC	Megane-IV 1.3 TCe	B	H5H-450 (H5H-A4)	2017-01-01		1332	120	3333BJG, 3333BMM	131934, 1333
Renault	B9A2	Megane-IV 1.5 Blue-dCi	D	K9K-872 (K9K-U8)	2018-01-01		1461	70	3333BKL, 3333BMP	132787, 1353
Renault	B9A6	Megane-IV 1.5 Blue-dCi	D	K9K-872 (K9K-U8)	2018-01-01		1461	85	3333BKM	135260
Renault	BCMD	Twingo-III 0.9 TCe LPG	B	H4B-451 (H4B-E4)	2018-01-01	2019-01-01	898	51	3333BKK	135646
Renault	LPA7	Talisman 1.8 Blue-dCi	D	R9N-401 (R9N-A4)	2018-01-01		1749	88	3333BKV	133426
Renault	LPA8	Talisman 1.8 Blue-dCi	D	R9N-401 (R9N-A4)	2018-01-01		1749	110	3333BKU	133427



Manufacturer	Type	Model	Fuel	Engine code	from year	to year	Engine displacement (cm³)	Power (kW)	KBA no.	K-Type-Number
				A4)						
Renault	LPM1	Talisman 1.8 TCe	B	M5P-403 (M5P-N4)	2018-01-01		1798	165	3333BKF	133430
Renault	KPA7	Talisman 1.8 Blue-dCi Grandtour	D	R9N-401 (R9N-A4)	2018-01-01		1749	88	3333BKT	133434
Renault	LPA8	Talisman 1.8 Blue-dCi Grandtour	D	R9N-401 (R9N-A4)	2018-01-01		1749	110	3333BKS	133427
Renault	KPM1	Talisman 1.8 TCe Grandtour	B	M5P-403 (M5P-N4)	2018-01-01		1798	165	3333BKE	133437
Renault	B9	Megane-IV RS 1.8 TCe	B	M5P-404 (M5P-P4)	2018-01-01		1798	221		135059
Renault	B9	Megane-IV RS 1.8 TCe	B	M5P-402 (M5P-M4)	2018-01-01		1798	205		130043
Renault	K9A2	Megane-IV 1.5 Blue-dCi Grandtour	D	K9K-873	2018-01-01		1461	70		
Renault	K9A6	Megane-IV 1.5 Blue-dCi Grandtour	D	K9K-873	2018-01-01		1461	85		132797
Renault	B9A2	Megane-IV 1.5 Blue-dCi	D	K9K-873	2018-01-01		1461	70		135261
Renault	B9A6	Megane-IV 1.5 Blue-dCi	D	K9K-873	2018-01-01		1461	85	3333BKM,3333BMQ	132796,1353
Renault	LPAL	Talisman 2.0 Blue-dCi	D	M9R-650 (M9R-G6)	2018-01-01		1995	147	3333BLE	135072
Renault	LPAM	Talisman 2.0 Blue-dCi	D	M9R-650 (M9R-G6)	2018-01-01		1995	118	3333BLF	135068
Renault	LPNC	Talisman 1.3 TCe	B	H5H-470 (H5H-B4)	2018-01-01		1332	117	3333BLD	135065
Renault	B7MT	Clio-V 1.0 TCe 100	B	H4D-450 (H4D-B4)	2019-01-01		999	74	3333BLQ	138121
Renault	B7MF	Clio-V 1.3 TCe 130	B	H5H-470 (H5H-B4)	2019-01-01		1332	96	3333BLP	138122
Renault	B7AD	Clio-V 1.5 Blue-dCi 115	D	K9K-872 (K9K-U8)	2019-01-01		1461	85	3333BLN	138124
Renault	RJB	Captur-II 1.0 TCe 100	B	H4D-450 (H4D-B4)	2019-01-01		999	74	3333BMX	139208
Renault	RJB	Captur-II 1.3 TCe 130	B	H5H-470 (H5H-B4)	2019-01-01		1332	96	3333BMV	139209
Renault	RJB	Captur-II 1.5 Blue-dCi	D	K9K-873 (K9K-U8)	2019-01-01		1461	85	3333BMU	139212
Renault	RJB	Captur-II 1.5 Blue-dCi	D	K9K-872 (K9K-U8)	2019-01-01		1461	70	3333BMZ	139211
Renault	LPNC	Talisman 1.3 TCe Grandtour	B	H5H-470 (H5H-B4)	2018-01-01		1332	117	3333BLA	135066
Renault	KPAM	Talisman 2.0 Blue-dCi Grandtour	D	M9R-650 (M9R-G6)	2018-01-01		1995	118	3333BLC	135069
Renault	KPAL	Talisman 2.0 Blue-dCi Grandtour	D	M9R-650 (M9R-G6)	2018-01-01		1995	147	3333BLB	135073
Renault	B9M8	Megane-IV RS 1.8 TCe	B	M5P-404 (M5P-P4)	2018-01-01		1798	221	3333BKB	135059
Renault	B9A7	Megane-IV 1.75 dCi	D	R9N-401 (R9N-A4)	2018-01-01		1750	110	3333BKW	135256
Renault	BFMF	Zoe R110	E	5AQ-607 (5AQ-60)	2019-01-01		0	80	3333BMA	132150,1432
Renault	BCME	Twingo-III 0.9 TCe	B	H4B-453 (H4B-F4)	2018-01-01		898	68	3333BLH	136729
Renault	BCM4	Twingo-III 1.0 S Ce	B	B4D-403 (B4D-D4)	2018-01-01		999	54	3333BLU	136204
Renault	BCMJ	Twingo-III 1.0 S Ce	B	B4D-403 (B4D-H4)	2018-01-01		999	48	3333BLV	136203
Renault	BFMC,BFMD	Zoe R110	E	5AQ-607 (5AQ-60)	2019-01-01		0	80	3333BMT,3333BNA	132150
Renault	RJB	Captur-II 1.3 TCe 155	B	H5H-470 (H5H-B4)	2019-01-01		1332	113	3333BMW	139210
Renault	RJA	Clio-V E-Tech 140	H	H4M-632 (H4M-C6)	2019-01-01		1598	103	3333BNI	140751
Renault	BFMC,BFMD	Zoe R135	E	5AQ-605 (5AQ-60)	2019-01-01		0	100	3333BMT	137713,1432
Renault	BFMC,BFMD	Zoe R135	E	5AQ-605 (5AQ-60)	2019-01-01		0	100	3333BMA,3333BMT,3333BNA	137713,1432
Renault	KPM1	Talisman 1.8 TCe	B	M5P-423 (M5P-N4)	2018-01-01		1798	165	3333BKF	
Renault	RJB	Captur-II 1.3 TCe 140	B	H5H-490 (H5H-E4)	2020-01-01		1332	103	3333BOK	142008
Renault	KPAM	Talisman 2.0 Blue-dCi Grandtour	D	M9R-712 (M9R-Z7)	2020-01-01	2022-01-01	1995	118	3333BLC	
Renault	LPAM	Talisman 2.0 Blue-dCi	D	M9R-712 (M9R-Z7)	2020-01-01	2022-01-01	1995	118	3333BLF	
Renault	JRAM	Espace-V 2.0 Blue-dCi	D	M9R-712 (M9R-Z7)	2021-01-01		1995	118		
Renault	K9A7	Megane-IV 1.75 dCi Grandtour	D	R9N-401	2019-01-01		1749	110	3333BKX	135257
Renault	RJB	Captur-II e-Tech 160	H	H4M-630 (H4M-B6)	2020-01-01		1598	68	3333BNH,3333BOU	140525
Renault	RJB	Captur-II 1.0 TCe 100 LPG	B	H4D-450 (H4D-B4)	2020-01-01		999	74	3333BNC	140405
Renault	B7AG	Clio-V 1.5 Blue-dCi 85	D	K9K-872 (K9K-U8)	2019-01-01		1461	63	3333BLO	138123
Renault	RJA	Clio-V 1.0 S Ce 65	B	B4D-409 (B4D-H4)	2019-01-01		999	48	3333BIE	138714
Renault	RJA	Clio-V 1.0 S Ce 75	B	B4D-409 (B4D-G4)	2019-01-01		999	53	3333BIH	138242
Renault	B7MT	Clio-V 1.0 TCe 90	B	H4D-470 (H4D-E4)	2020-01-01		999	67	3333BNX	141968
Renault		Megane-IV 1.6 e-Tech 160 Grandtour	H	H4M-630 (H4M-B6)	2020-01-01		1598	118	3333BNP	141964
Renault	BCA1	Twingo-III Electric	E	5AL-605	2020-01-01		0	60	3333BNZ	142011
Renault		Arkana e-Tech 140	H	H4M-632	2021-01-01		1598	67	3333BOV	
Renault	RJL	Arkana 1.3 TCe 140 EDC	B	H5H-450	2020-01-01		1332	103	3333BNM	144894
Renault	RJL	Arkana 1.3 TCe 160 EDC	B	H5H-460	2021-01-01		1332	116	3333BPH	144895
Renault	RJL	Arkana 1.6i e-Tech 145 Hybrid	H	H4M-632 (H4M-C6)	2020-01-01		1598	105	3333BOV	144896
Renault	RJB	Captur-II 1.0 TCe 90 ECO-G	B	H4D-470	2021-01-01		999	67	3333BOP	145556
Renault	RJB	Captur-II 1.0 TCe 90	B	H4D-470 (H4D-E4)	2020-01-01		999	67	3333BOA	141969
Renault	RJA	Clio-V 1.3 TCe 140	B	H5H-490	2020-01-01		1332	103	3333BOZ	145712
Renault	RFK	Kangoo-III 1.5 Blue dCi 115	D	K9K-876	2021-01-01		1461	85	3333BPO	145982
Renault	KJAA	Kangoo-III 1.5 Blue dCi 75	D	K9K-876	2021-01-01		1461	55	3333BNN,3333BPK	145256
Renault	KJAB	Kangoo-III 1.5 Blue dCi 95	D	K9K-876 (K9K-U8)	2021-01-01		1461	70	3333BNO,3333BPL	145226
Renault	KJMA	Kangoo-III 1.3 TCe 100	B	H5H-490	2021-01-01		1332	75	3333BII,3333BPI	145225
Renault	KJMB	Kangoo-III 1.3 TCe 130	B	H5H-490 (H4H-E4)	2021-01-01		1332	96	3333BNL,3333BPJ	145224
Renault	FJMA	Kangoo-III 1.3 TCe 100 Rapid	B	H5H-490	2021-01-01		1332	75	3333BPA	145245
Renault	FJMB	Kangoo-III 1.3 TCe 130 Rapid	B	H5H-490 (H5H-E4)	2021-01-01		1332	96	3333BPB	145246
Renault	RFK	Kangoo-III 1.5 Blue dCi 115 Rapid	D	K9K-876	2021-01-01		1461	85	3333BPG	145244
Renault	FJAA	Kangoo-III 1.5 Blue dCi 75 Rapid	D	K9K-876	2021-01-01		1461	55	3333BPC	145242
Renault	FJAB	Kangoo-III 1.5 Blue dCi 95 Rapid	D	K9K-876 (K9K-U8)	2021-01-01		1461	70	3333BPD	145243
Renault	B9NC	Megane-IV 1.3 TCe 160	B	H5H-490	2021-01-01		1332	116	3333BNR	145240
Renault	RFB	Megane-IV 1.6 e-Tech 160	H	H4M-630 (H4M-B6)	2021-01-01		1598	118	3333BOX	145204
Renault		Talisman 2.0 Blue-dCi 190	D	M9R-650 (M9R-G6)	2021-01-01		1995	139	3333BOJ	145210
Renault		Talisman 2.0 Blue-dCi 190 Grandtour	D	M9R-650 (M9R-G6)	2021-01-01		1995	139	3333BOG	145208
Renault	JRFC	Espace-V 2.0 Blue-dCi	D	M9R-650 (M9R-Z7)	2021-01-01		1995	139	3333BOB	145155

Manufacturer	Type	Model	Fuel	Engine code	from year	to year	Engine displacement (cm³)	Power (kW)	KBA no.	K-Type-Number
Renault	BNJ2	Megane e-Tech EV40	E	6AM 402	2021-01-01		0	96	3333BPN	145693
Renault	BNJ1	Megane e-Tech EV60	E	6AM 402	2021-01-01		0	160	3333BPN	145694
Renault	RFD	Talisman 1.3 TCe 160	B	H5H-470	2021-01-01		1332	116	3333BOI	145211
Renault	RFD	Talisman 1.3 TCe 160 Grandtour	B	H5H-470 (H5H-E4)	2021-01-01		1332	116	3333BOF	145209
Renault	RJL	Arkana 1.3 TCe 140 EDC	B	H5H-490 (H5H-E4)	2021-01-01		1332	103	3333BNM	144894
Renault	RFD	Talisman 1.3 TCe 160	B	H5H-490	2021-01-01		1332	116	3333BOI	
Renault	RFD	Talisman 1.3 TCe 160 Grandtour	B	H5H-490 (H5H-E4)	2021-01-01		1332	116	3333BOF	
Renault	B7MT	Clio-V 1.0 TCe 90 LPG	B	H4D-470 (H4D-E4)	2021-01-01		999	67	3333BNX	148011
Renault	KJAC	Kangoo-III 1.5 Blue dCi 115	D	K9K-877	2021-01-01		1461	85	3333BPO	145982
Renault	RFK	Kangoo-III 1.5 Blue dCi 115 Rapid	D	K9K-877	2021-01-01		1461	85	3333BPG	145244
Seat	KL	Leon ST 1.0i 12V eTSI	B	DLAA	2020-01-01	2021-01-01	999	81	7593AQJ	143680
Seat	KL	Leon 2.0 16V TDI	D	DTRD	2020-01-01	2021-01-01	1968	85	7593AQT	
Seat	KL	Leon 2.0 16V TDI	D	DTTA	2020-01-01	2021-01-01	1968	110	7593AQU	
Seat	KL	Leon 1.0i 12V TSI	B	DLAA	2020-01-01		999	81	7593AQI,7593ARZ	140449
Seat	KL	Leon 1.0i 12V TSI	B	DLAB	2020-01-01		999	66	7593AQH,7593ASA	140519
Seat	KL	Leon 1.5i 16V eTSI	B	DFYA	2020-01-01		1498	110	7593AQN,7593ARV	140109
Seat	KL	Leon 1.5i 16V TSI	B	DPBA	2019-01-01		1498	96	7593AQL,7593ASB	139734
Seat	KL	Leon 1.5i 16V TSI	B	DPCA	2020-01-01		1498	110	7593AQM,7593ASC	139736
Seat	KL	Leon 2.0 16V TDI	D	DSUD	2020-01-01		1968	85	7593AQT,7593ASD	139737
Seat	KL	Leon 2.0 16V TDI	D	DSTB	2020-01-01		1968	110	7593AQU,7593ASE	139738
Seat	KL	Leon ST 1.0i 12V TSI	B	DLAA	2020-01-01		999	81	7593APT	140450
Seat	KL	Leon ST 1.0i 12V TSI	B	DLAB	2020-01-01		999	66	7593APS,7593ASI	140520
Seat	KL	Leon ST 1.5i 16V eTSI	B	DFYA	2020-01-01		1498	110	7593APY,7593ASF	140121
Seat	KL	Leon ST 1.5i 16V TSI	B	DPBA	2020-01-01		1498	96	7593APW,7593ASJ	139744
Seat	KL	Leon ST 1.5i 16V TSI	B	DPCA	2020-01-01		1498	110	7593APX,7593ASK	139745
Seat	KL	Leon ST 2.0 16V TDI	D	DSTB	2020-01-01		1968	110	7593AQF,7593ASL	140122
Seat	KL	Leon 1.5i 16V TGI CNG	B	DHFA	2020-01-01		1498	96	7593ARX	142224
Seat	KL	Leon ST 1.5i 16V TGI CNG	B	DHFA	2020-01-01		1498	96	7593APV,7593AQK	144672
Seat	KL	Leon 2.0 16V TDI	D	DTTC	2021-01-01		1968	110	7593AQU	139738
Seat	KL	Leon 1.0i 12V eTSI	B	DLAA	2020-01-01		999	81	7593ARY	143677
Seat	KL	Leon 2.0i 16V TSI	B	DNNA	2021-01-01		1984	140	7593AQO	143678
Seat	KL	Leon ST 1.0i 12V eTSI	B	DLAA	2020-01-01		999	81	7593ASH	143680
Seat	KL	Leon 2.0 16V TDI Sportstourer	D	DTRD	2020-01-01		1968	85	7593AQE	143681
Seat	KL	Leon 2.0 16V TDI Sportstourer 4X4	D	DSTB	2020-01-01		1968	110	7593AQG	144219
Seat	KL	Leon ST 2.0i 16V TSI	B	DNNA	2021-01-01		1984	140	7593APZ	144218
Seat	KL	Leon 2.0 16V TDI 4Drive	D	DTTC	2021-01-01		1968	110	7593AQG	144219
Skoda	5A	Enyaq 50 IV	E	EBJA	2021-01-01		0	109	8004AWQ	142228
Skoda	5A	Enyaq 60 IV	E	EBJC	2021-01-01		0	132	8004AWP,8004AWR	142229
Skoda	5A	Enyaq 80 IV	E	EBJA	2021-01-01		0	150	8004AWS,8004AWX	142230
Skoda	5A	Enyaq 80x IV	E	EBRA	2021-01-01		0	195	8004AWT,8004AWY	145613
Skoda	5A	Enyaq Coupe RS IV	E	EBRA	2021-01-01		0	220	8004AWU,8004AWZ	146691
Skoda	5A	Enyaq Coupe 60 IV	E	EBJC	2021-01-01		0	132	8004AWW	147493
Skoda	5A	Enyaq COUPE 80 IV	E	EBJA	2021-01-01		0	150	8004AWX	142230,1475
Skoda	NX	Octavia-IV 2.0 16V TDI 4x4	D	DTTC	2020-01-01	2021-01-01	1968	110	8004AUW	144928
Skoda	NX	Octavia-IV 2.0 16V TDI 4x4	D	DTTA	2020-01-01	2021-01-01	1968	110	8004AUW,8004AWG,8004AWL	
Skoda	NX	Octavia-IV 2.0 TDI Station wagon	D	DTTC	2019-01-01		1968	110	8004AVG,8004AWL	139250
Skoda	NX	Octavia-IV 2.0 16V TDI	D	DTTC	2020-01-01		1968	110	8004AUV,8004AWG	139766
Skoda	NX	Octavia-IV 1.5i 16V TSI	B	DPCA	2020-01-01		1498	110	8004AUP,8004AWD	139764
Skoda	NX	Octavia-IV 2.0 16V TDI	D	DSUD	2020-01-01		1968	85	8004AUU,8004AWF	139765
Skoda	NX	Octavia-IV 2.0 16V TDI	D	DSTB	2020-01-01		1968	110	8004AUV,8004AWG	139766
Skoda	NX	Octavia-IV 1.5i 16V TSI Station wagon	B	DPCA	2020-01-01		1498	110	8004AVA,8004AWI,8004AWN	139248
Skoda	NX	Octavia-IV 2.0 16V TDI Station wagon	D	DSUD	2020-01-01		1968	85	8004AVF,8004AWK,8004AWO	139249
Skoda	NX	Octavia-IV 2.0 16V TDI Station wagon	D	DSTB	2020-01-01		1968	110	8004AVG,8004AWL	139250
Skoda	NX	Octavia-IV 1.0i 12V TSI	B	DLAA	2020-01-01		999	81	8004AUG	141524
Skoda	NX	Octavia-IV 1.4i 16V TSI	H	DGEA	2020-01-01		1395	110	8004AUT	145197
Skoda	NX	Octavia-IV 1.4i 16V TSI Station wagon	H	DGEA	2020-01-01		1395	110	8004AVE	142240,1452
Skoda	NX	Octavia-IV 1.5i 16V TGI	B	DHFA	2020-01-01		1498	96	8004AUS	142236
Skoda	NX	Octavia-IV 1.5i 16V TGI Combi	B	DHFA	2020-01-01		1498	96	8004AVD	142130
Skoda	NX	Octavia-IV RS 2.0i 16V TSI Station wagon	B	DNPA	2020-01-01		1984	180	8004AVC	142238
Skoda	NX	Octavia-IV RS 2.0i 16V TSI	B	DNPA	2020-01-01		1984	180	8004AUR	142233
Skoda	NX	Octavia-IV 2.0i 16V TSI	B	DNNA	2020-01-01		1984	140	8004ATR	
Skoda	NX	Octavia-IV 2.0i 16V TSI Station wagon	B	DNNA	2020-01-01		1984	140	8004ATS	
Skoda	NX	Octavia-IV 1.5i 16V eTSI	B	DFYA	2020-01-01		1498	110	8004AVP	143425
Skoda	NX	Octavia-IV 1.5i 16V eTSI Station wagon	B	DFYA	2020-01-01		1498	110	8004AVQ,8004AXE	143426
Skoda	NX	Octavia-IV 1.0i 12V TSI Station wagon	B	DLAA	2020-01-01		999	81	8004AUX	141535
Skoda	NX	Octavia-IV 2.0 16V TDI Station wagon	D	DTRD	2020-01-01		1968	85	8004AWK	139249
Skoda	NX	Octavia-IV 2.0 16V TDI	D	DTRD	2020-01-01		1968	85	8004AWF	139765
Skoda	NX	Octavia-IV 2.0 16V TDI	D	DTRB	2020-01-01		1968	85	8004AWF	139765
Skoda	NX	Octavia-IV 2.0 16V TDI Station wagon	D	DTRB	2020-01-01		1968	85	8004AWK	139249
Skoda	NX	Octavia-IV 2.0 16V TDI	D	DTTA	2021-01-01		1968	110	8004AWG	139766
Skoda	NX	Octavia-IV RS 2.0i 16V TSI	B	DLBA	2020-01-01		1984	180	8004ASJ	126002
Skoda	NX	Octavia-IV RS 2.0i 16V TSI Station wagon	B	DLBA	2020-01-01		1984	180	8004AVC	142238
Skoda	NX	Octavia-IV 1.0i 12V TSI e-TEC	B	DLAA	2020-01-01		999	81	8004AVN	142242
Skoda	NX	Octavia-IV 2.0 16V TDI	D	DTUA	2020-01-01		1968	147	8004AUX	142464
Skoda	NX	Octavia-IV 2.0 16V TDI 4x4	D	DTUA	2020-01-01		1968	147	8004AUY,8004AXC	142463
Skoda	NX	Octavia-IV 1.0i 12V TSI e-TEC Station wagon	B	DLAA	2020-01-01		999	81	8004AVO	142241
Skoda	NX	Octavia-IV 2.0 16V TDI Station wagon	D	DTUA	2020-01-01		1968	147	8004AVI	142462
Skoda	NX	Octavia-IV 2.0 16V TDI Station wagon 4x4	D	DTUA	2020-01-01		1968	147	8004AVJ,8004AWM,8004AXD	142460
Skoda	NX	Octavia-IV 2.0i 16V TSI 4x4	B	DNNA	2020-01-01		1984	140	8004AUG	145013
Skoda	NX	Octavia-IV 2.0 16V TDI Station wagon 4x4	D	DTTA	2020-01-01		1968	110	8004AVH,8004AXF	143518
Skoda	5A	Enyaq 80x IV Coupe	E	EBRA	2021-01-01		0	195	8004AWY,8004AWZ	147495
Skoda	NX	Octavia-IV 1.4i 16V TSI RS	H	DGEA	2020-01-01		1395	180	8004AWJ	142240
Volkswagen	CD	Golf8 1.5i 16V TSI	B	DPBA	2019-01-01		1498	96	0603CKM,0603CNV	138699
Volkswagen	CD	Golf8 1.5i 16V TSI	B	DPCA	2019-01-01		1498	110	0603CKN,0603CNW	138700
Volkswagen	CD	Golf8 1.5i 16V eTSI	B	DFYA	2019-01-01		1498	110	0603CKY,0603CNZ	139749
Volkswagen	CD	Golf8 2.0 16V TDI	D	DSUD	2019-01-01		1968	85	0603CKP,0603CNY	138701
Volkswagen	CD	Golf8 2.0 16V TDI	D	DSRB	2019-01-01		1968	110	0603CKO,0603CNX,0603CQD	138702
Volkswagen	E1	ID.3 Pro S	E	EBJA	2020-01-01		0	150	0603CKW	146408
Volkswagen	E1	ID.3 Pro Performance	E	EBJC	2020-01-01		0	150	0603CKV	141537,1464
Volkswagen	CD	Golf8 GTE 1.4i 16V TSI	H	DGEA	2020-01-01		1395	110	0603CLC	144084
Volkswagen	CD	Golf8 GTI 2.0i 16V TSI	B	DNPA	2019-01-01		1984	180	0603CMI	141769
Volkswagen	E1	ID.3	E	EBJD	2020-01-01		0	110	0603CKT	143350
Volkswagen	CD	Golf8 1.5i 16V TGI	B	DHFA	2020-01-01		1498	96	0603CNO	142908
Volkswagen	CD	Golf8 GTI 2.0i 16V TSI Clubsport	B	DNFC	2020-01-01		1984	221	0603CMJ	142300
Volkswagen	CD	Golf8 GTD 2.0 16V TDI 4Motion	D	DTUA	2020-01-01		1968	147	0603COL	142910
Volkswagen	E2	ID.4 Pure Performance	E	EBJA	2021-01-01		0	125	0603CLO	144856
Volkswagen	E2	ID.4 Pro Performance	E	EBJA	2021-01-01		0	150	0603CLG,0603CQL	142253
Volkswagen	E2	ID.4 GTX 4motion	E	EBRA	2021-01-01		0	225	0603CLR	144887
Volkswagen	SB	Caddy 1.5i 16V TSI BlueMotion	B	DPBC	2020-01-01		1498	84	0603CLL,0603CLM,0603CPR	143260,1433
Volkswagen	SB	Caddy 2.0 16V TDI BlueMotion	D	DTRC	2020-01-01		1968	75	0603CLF,0603CLG,0603CMF	142442,1424
Volkswagen	SB	Caddy 2.0 16V TDI BlueMotion	D	DTRC	2020-01-01		1968	90	0603CLH,0603CLI,0603CME	142443,1424
Volkswagen	SB	Caddy 2.0 16V TDI BlueMotion	D	DTRF	2020-01-01		1968	55	0603CLJ,0603CLK,0603CPE	142444,1429
Volkswagen	CD	Golf8 2.0 16V TDI	D	DTRB	2020-01-01		1968	85	0603CNY	138701
Volkswagen	CD	Golf8 2.0 16V TDI	D	DTSA	2020-01-01		1968	110	0603CKO	138702
Volkswagen	ST	Transporter T7 1.5i 16V TSI Multivan	B	DRBA	2021-01-01		1498	100	0603CQG	145752
Volkswagen	ST	Transporter T7 2.0i 16V TSI Multivan	B	DRNB	2021-01-01		1984	150	0603CQH	145753
Volkswagen	ST	Transporter T7 1.4i 16V TSI Multivan Hybrid	H	DGEA	2021-01-01		1395	110	0603CQI	145755
Volkswagen	ST	Transporter T7 2.0i 16V TDI Multivan	D	DSSA	2021-01-01		1968	110	0603CQJ	147369
Volkswagen	ST	Transporter T7 1.4i 16V TSI Multivan Hybrid	H	DGEB	2021-01-01		1395	115		
Volkswagen	E2	ID.4 Pure	E	EBJA	2021-01-01		0	125	0603CLN	144864
Volkswagen	CD	Golf8 2.0 16V TDI Variant	D	DTSA	2021-01-01		1968	110	0603CNN	141860
Volkswagen	CD	Golf8 1.4i 16V TSI eHybrid	H	DGEA	2021-01-01		1395	150		

Manufacturer	Type	Model	Fuel	Engine code	from year	to year	Engine displacement (cm <sup>3</sup> )	Power (kW)	KBA no.	K-Type-Number
Volkswagen	CD	Golf8 1.0i 12V TSI	B	DLAB	2020-01-01		999	66	0603CKK,0603CNR	140003
Volkswagen	CD	Golf8 2.0 16V TDI	D	DTSB	2020-01-01		1968	110	0603CKO	138702
Volkswagen	CD	Golf8 R 2.0i 16V TSI 4Motion	B	DNFG	2020-01-01		1984	235	0603CNP	142541
Volkswagen	CG	Golf8 1.0i 12V TSI Variant	B	DLAA	2020-01-01		999	81	0603CNK	141856
Volkswagen	CG	Golf8 1.0i 12V TSI Variant	B	DLAB	2020-01-01		999	66		141857
Volkswagen	CG	Golf8 1.5i 16V TSI Variant	B	DPCA	2020-01-01		1498	110	0603COJ	141854
Volkswagen	CG	Golf8 1.5i 16V TSI Variant	D	DPBA	2020-01-01		1498	96	0603COH	141855
Volkswagen	CG	Golf8 2.0 16V TDI Variant	B	DTRD	2020-01-01		1968	85	0603CNM	141859
Volkswagen	CD	Golf8 2.0 16V TDI	D	DTRD	2020-01-01		1968	85	0603CNY	138701
Volkswagen	SB	Caddy 2.0 16V TDI BlueMotion 4Motion	D	DTRC	2021-01-01		1968	90	0603CPZ,0603CQB,0603CQC	143775,1438
Volkswagen	CG	Golf8 2.0 TDI 16V Alltrack 4Motion	D	DTUA	2020-01-01		1968	147	0603COL	143294
Volkswagen	CD	Golf8 1.4i 16V TSI	B	DJKA	2021-01-01		1395	110		144993
Volkswagen	CD	Golf8 1.5i 16V eTSI	B	DPBA	2020-01-01		1498	96	0603CPJ	146184
Volkswagen	CD	Golf8 GTI 2.0i 16V TSI	B	DLBA	2021-01-01		1984	180	0603CMI	
Volkswagen	CD	Golf8 2.0i 16V TSI	B	DNNA	2021-01-01		1984	140	0603COT	145034
Volkswagen	CD	Golf8 2.0i 16V TSI 4Motion	B	DNNA	2021-01-01		1984	140	0603COU	145035
Volkswagen	CG	Golf8 1.4i 16V TSI Variant	B	DJKA	2021-01-01		1395	110		145001
Volkswagen	CG	Golf8 1.5i 16V eTSI Variant	B	DPBA	2020-01-01		1498	96	0603CNJ,0603COI	143268
Volkswagen	CG	Golf8 1.5i 16V TGI Variant	B	DHFA	2020-01-01		1498	96	0603CJN	144886
Volkswagen	CG	Golf8 2.0 TDI 16V Alltrack 4Motion	D	DTUA	2020-01-01		1968	147	0603COL	143294
Volkswagen	CG	Golf8 2.0i 16V TSI Variant	B	DNNA	2021-01-01		1984	140	0603COV	145036
Volkswagen	CG	Golf8 2.0i 16V TSI Variant 4Motion	B	DNNA	2021-01-01		1984	140	0603COW	145038
Volkswagen	CG	Golf8 R 2.0i 16V TSI Variant 4Motion	B	DNFG	2021-01-01		1984	235	0603CQE	146104
Volkswagen	E3	ID.5 GTX 4Motion	E	EBRA	2021-01-01		0	220	0603CQM	146085
Volkswagen	E3	ID.5 Pro	E	EBJA	2021-01-01		0	128	0603CQW	146083
Volkswagen	E3	ID.5 Pro Performance	E	EBJA	2021-01-01		0	150	0603CQL	146084
Volkswagen	SB	Caddy 1.5i 16V TSI California	B	DPBC	2021-01-01		1498	84	0603CPQ	146785
Volkswagen	SB	Caddy 2.0 16V TDI Camper	D	DTRE	2020-01-01		1968	75	0603CPH	146780
Volkswagen	SB	Caddy 2.0 16V TDI California	D	DTRF	2020-01-01		1968	55	0603CPI	146781
Volkswagen	SB	Caddy 2.0 16V TDI Camper	D	DTRC	2020-01-01		1968	90	0603CPG	146782
Volkswagen	SB	Caddy 2.0 16V TDI Camper 4Motion	D	DTRC	2021-01-01		1968	90	0603CQA	146783
Volkswagen	CD	Golf8 2.0 16V TDI 4Motion	D	DTTC	2021-01-01		1968	110		146244
Volkswagen	CG	Golf8 2.0 16V TDI Variant 4Motion	D	DTTC	2021-01-01		1968	110	0603COF	146243
Volkswagen	E1	ID.3 Pro	E	EBJC	2020-01-01		0	107	0603CKU	144862
Volkswagen	EB	ID.Buzz electric	E	EBJA	2022-01-01		0	150	0603CQY	147632
Volkswagen	EB	ID.Buzz electric full-size cargo van	E	EBJA	2022-01-01		0	150	0603CQX	147633
Volkswagen	E1	ID.3 Pure	E	EBJD	2021-01-01		0	93	0603CKS	148121
Volkswagen	E2	ID.4 Pro 4motion	E	EBJA	2022-01-01		0	195	0603CRK	148080
Volkswagen	E2	ID.4 Pro	E	EBJA	2021-01-01		0	128	0603CLP	148115
Volkswagen	CD	Golf8 2.0 16V TDI	D	DTTA	2021-01-01		1968	110	0603CKO,0603CNX,0603CQD	138702
Volkswagen	CD	Golf8 2.0 16V TDI 4Motion	D	DTUA	2020-01-01		1968	147	0603COL	142910
Volkswagen	CD	Golf8 R 2.0i 16V TSI 4Motion	B	DSFE	2022-01-01		1984	235	0603CNP	142541
Volkswagen	CG	Golf8 1.5i 16V eTSI Variant	B	DFYA	2020-01-01		1498	110	0603COK	143269
Volkswagen	CD	Golf8 2.0 16V TDI	D	DTTC	2022-01-01		1968	110	0603CKO,0603CNX,0603CQD	138702
Volkswagen	CG	Golf8 2.0i 16V TSI Alltrack 4Motion	B	DNNA	2021-01-01		1984	140	0603COW	154239
Volvo	XZ	XC40 P8 Recharge AWD	E	E 400 V6	2020-01-01		0	160	9101BTE	142465,1445
Volvo	X	C40 Recharge Pure Electric AWD	E	E 400 V6	2021-01-01		0	300	9101BTE	146116
Volvo	XZ	XC40 Recharge Pure Electric	E	E 400 V2	2022-01-01		0	170	9101BUN	146656
Volvo	X	C40 Recharge Pure Electric	E	E 400 V2	2022-01-01		0	170	9101BUN	147561
Dacia	DBG	Spring Electric	E	4DB-401	2021-01-01		0	33	8212AFG	142185
Dacia	DJF	Jogger 1.0i 12V TCe 100 ECO-G	B	H4D-480 (H4D-F4)	2022-01-01		999	74	8212AFI	146127
Dacia	DJF	Jogger 1.0i 12V TCe 90 ECO-G	B	H4D-470 (H4D-F4)	2022-01-01		999	67	8212AFI	146617
Dacia	DJ	Sandero-III 1.0 SCe 65	B	B4D-419 (B4D-H4)	2021-01-01		999	49	8212AFD	145025
Dacia	DJ	Sandero-III 1.0 TCe 100 ECO-G	B	H4D-480	2021-01-01		999	74	8212AFF	145027
Dacia	DJ	Sandero-III 1.0 TCe 90	B	H4D-470 (H4D-E4)	2021-01-01		999	67	8212AFE	145028
Dacia	DJ	Sandero-III 1.0 TCe 90 ECO-G	B	H4D-470	2021-01-01		999	67	8212AFH	145029
Jeep	BU	Renegade (BU) 1.6 16V JTDM FWD	D	EJK (55 2631 13)	2015-01-01	2018-01-01	1598	84	1004AEN	107050
Jeep	BU	Renegade (BU) 2.0 16V JTDM 4x4	D	EBT (55 2630 88)	2015-01-01	2018-01-01	1956	125	1004AER	107052
Jeep	BU	Renegade (BU) 1.4i 16V MultiAir FWD	B	EAM (55 2636 24)	2015-01-01	2018-01-01	1368	100	1004AEQ	133212
Jeep	BU	Renegade (BU) 1.4i 16V MultiAir FWD	B	EAM (55 2636 24)	2015-01-01	2018-01-01	1368	103	1004AEP	107046
Jeep	BU	Renegade (BU) 1.6 16V JTDM FWD	D	EJK (55 2631 13)	2015-01-01	2018-01-01	1598	88	1004AEL	107050
Jeep	BU	Renegade (BU) 2.0 16V JTDM 4x4	D	EBT (55 2630 87)	2015-01-01	2018-01-01	1956	103	1004AEM,1726AAC	107051
Jeep	BU	Renegade (BU) 2.0 16V JTDM 4x4	D	EBT (55 2630 88)	2015-01-01	2018-01-01	1956	103	1004AEM,1726AAC	107051
Jeep	BU	Renegade (BU) 2.0 16V JTDM 4x4	D	EBT (55 2630 87)	2015-01-01	2018-01-01	1956	88	1004AEO	116883
Jeep	BU	Renegade (BU) 1.6i 16V E-Torq FWD	B	EJH (55 2638 42)	2015-01-01	2018-01-01	1598	81	1726AAS	107045
Jeep	BU	Renegade (BU) 2.0 16V JTDM 4x4	D	EBT (55 2630 88)	2015-01-01	2018-01-01	1956	125	1726AAG	107052
Jeep	BU	Renegade (BU) 1.4i 16V MultiAir 4x4	B	EAM (55 2636 23)	2015-01-01	2018-01-01	1368	125	1726AAH	107049
Jeep	BU	Renegade (BU) 1.4i 16V MultiAir FWD	B	EAM (55 2636 24)	2015-01-01	2018-01-01	1368	100	1726AAF	133212
Jeep	BU	Renegade (BU) 1.4i 16V MultiAir FWD	B	EAM (55 2636 24)	2015-01-01	2018-01-01	1368	103	1726AAE	107046
Jeep	BU	Renegade (BU) 1.6 16V JTDM FWD	D	EJK (55 2631 13)	2015-01-01	2018-01-01	1598	88	1726AAA	107050
Jeep	BU	Renegade (BU) 2.0 16V JTDM 4x4	D	EBT (55 2630 87)	2015-01-01	2018-01-01	1956	103	1004AEM,1726AAC	107051
Jeep	BU	Renegade (BU) 2.0 16V JTDM 4x4	D	EBT (55 2630 88)	2015-01-01	2018-01-01	1956	103	1004AEM,1726AAC	107051
Jeep	BU	Renegade (BU) 2.0 16V JTDM 4x4	D	EBT (55 2630 87)	2015-01-01	2018-01-01	1956	88	1726AAD	116883
Jeep	BU	Renegade (BU) 1.6 16V JTDM FWD	D	EJK (55 2631 13)	2015-01-01	2018-01-01	1598	84	1726AAA	107050
Jeep	KL	Cherokee (KL) 2.4i 16V MultiAir FWD	B	ED6	2014-01-01		2360	130	1726ABI	106102
Jeep	KL	Cherokee (KL) 2.4i 16V MultiAir 4x4	B	ED6	2014-01-01		2360	137		107324
Jeep	KL	Cherokee (KL) 2.4i 16V MultiAir 4x4	B	ED6	2016-01-01		2360	130	1726ABJ,1726ABK	100390
Jeep	BU	Renegade (BU) 1.6 16V JTDM FWD	D	EJJ (55 2603 84)	2015-01-01	2018-01-01	1598	88	1726AAA	
Jeep	MP	Compass (MP) 2.0 16V CRDI	D	55 2630 88	2017-01-01		1956	125	1726ABU	126318,1335
Jeep	BU	Renegade (BU) 1.4i 16V MultiAir LPG	B	EAS (55 2777 01)	2016-01-01	2018-01-01	1368	88	1726ABP	148241
Jeep	BU	Renegade (BU) 1.6 16V JTDM FWD	D	EJJ (55 2603 84)	2016-01-01	2019-01-01	1598	70	1726ABO	132589
Jeep	BU	Renegade (BU) 1.6 16V JTDM FWD	D	EJJ (55 2603 84)	2016-01-01	2018-01-01	1598	77	1726ABL	
Jeep	MP	Compass (MP) 2.4i 16V	B	EDD	2017-01-01		2360	134		128773
Jeep	MP	Compass (MP) 2.4i 16V 4x4	B	EDD	2017-01-01		2360	134		128774
Jeep	MP	Compass (MP) 1.4i 16V MultiAir 4x4	B	55 2636 23	2017-01-01		1368	125	1726ABR	127520
Jeep	MP	Compass (MP) 1.4i 16V MultiAir	B	EAQ (55 2636 24)	2017-01-01		1368	103	1726ABQ	127519
Jeep	MP	Compass (MP) 1.6 16V CRD	D	55 2603 84	2017-01-01		1598	88	1726ABS,1727AUO	127521
Jeep	MP	Compass (MP) 2.0 16V JTDM 4x4	D	55 2630 87	2017-01-01	2019-01-01	1956	103	1726ABT	127522
Jeep	KL	Cherokee (KL) 2.2 16V JTDM FWD	D	EBV (55 2805 75)	2019-01-01		2184	143	1726ACD	133321
Jeep	KL	Cherokee (KL) 2.2 16V JTDM 4x4	D	EBV (55 2805 75)	2019-01-01		2184	143	1726ACC	133316
Jeep	KL	Cherokee (KL) 2.2 16V JTDM 4x4	D	EBV (55 2805 75)	2019-01-01		2184	143	1726ACB	133316
Jeep	BV	Renegade (BV) 1.0i 12V T-GDI FWD	B	EKA (55 2821 51)	2019-01-01		999	88	1726ABY	132331
Jeep	BV	Renegade (BV) 1.3i 16V T-GDI FWD	B	EYF (55 2823 28)	2019-01-01	2021-01-01	1332	110	1726ABZ,1726ACM	132332
Jeep	BV	Renegade (BV) 1.6 16V JTDM 4x4	D	EJJ (55 2804 44)	2019-01-01		1598	88	1726AAA	

Manufacturer	Type	Model	Fuel	Engine code	from year	to year	Engine displacement (cm³)	Power (kW)	KBA no.	K-Type-Number
Jeep	BV	Renegade (BV) 2.0 16V JTDM 4x4	D	EBS (55 2830 99)	2018-01-01	2020-01-01	1956	103	1004AEM,1726AAC	107051.1431
Jeep	BV	Renegade (BV) 2.0 16V JTDM 4x4	D	EBS (55 2840 64)	2018-01-01	2020-01-01	1956	103	1004AEM,1726AAC	107051.1431
Jeep	BU	Renegade (BU) 2.0 16V JTDM 4x4	D	EBT (55 2630 87)	2015-01-01	2018-01-01	1956	88	1004AEO,1726AAD	
Jeep	MP	Compass (MP) 2.0 16V CRDI 4x4	D	EBS	2017-01-01		1956	125	1726ABU	126318
Jeep	KL	Cherokee (KL) 2.0i 16V T-GDi 4x4	B	EC1	2019-01-01		1995	200	1726ACK,1726ACL	135666
Jeep	KL	Cherokee (KL) 2.2 16V JTDM 4x4	D	EBV (55 2805 75)	2019-01-01		2184	110	1726ACI	
Jeep	MP	Compass (MP) 2.0 16V JTDM 4x4	D	EBT	2017-01-01		1956	103	1726ABT	
Jeep	MP	Compass (MP) 2.0 16V CRDI 4x4	D	EBT	2018-01-01		1956	125	1726ABU	
Jeep	MP	Compass (MP) 2.0 16V JTDM 4x4	D	EBS	2017-01-01		1956	103	1726ABT	
Jeep	MP	Compass (MP) 1.6 16V CRD	D	EJ1	2017-01-01		1598	88	1726ABS	
Jeep	MP	Compass (MP) 1.4i 16V MultiAir 4x4	B	EAQ	2017-01-01		1368	125	1726ABR	
Jeep	MP	Compass (MP) 1.6 16V CRD	D	55 2804 44	2017-01-01		1598	88	1726ABS	
Jeep	MP	Compass (MP) 2.0 16V JTDM 4x4	D	55 2630 99	2018-01-01		1956	125	1726ABU	
Jeep	MP	Compass (MP) 2.0 16V JTDM 4x4	D	55 2630 88	2018-01-01		1956	103	1726ABT	
Jeep	MP	Compass (MP) 1.4i 16V MultiAir 4x4	B	55 2636 23	2019-01-01		1368	125	1726ABR	
Jeep	MP	Compass (MP) 1.4i 16V MultiAir	B	55 2636 24	2019-01-01		1368	103	1726ABQ	
Jeep	KL	Cherokee (KL) 3.2i V6 24V FWD	B	EHK	2016-01-01		3239	200	1004AES,1726AAO	107322
Jeep	KL	Cherokee (KL) 2.4i 16V MultiAir 4x4	B	EDD	2016-01-01		2360	130		100390
Jeep	KL	Cherokee (KL) 2.4i 16V MultiAir 4x4	B	EDE	2016-01-01		2360	130		
Jeep	KL	Cherokee (KL) 2.4i 16V MultiAir FWD	B	EDE	2016-01-01		2360	130		
Jeep	KL	Cherokee (KL) 2.4i 16V MultiAir FWD	B	EDD	2016-01-01		2360	130		106102
Jeep	KL	Cherokee (KL) 3.2i V6 24V 4x4	B	EHK	2016-01-01		3239	200		128303
Jeep	BV	Renegade (BV) 1.3i 16V 4xe Plug-in-Hybrid	H	EYG (55 2636 23)	2019-01-01		1332	96	1726AAH	
Jeep	BV	Renegade (BV) 1.3i 16V 4xe Plug-in-Hybrid	H	EYG (55 2823 28)	2019-01-01		1332	132	1726AAH	
Jeep	BV	Renegade (BV) 1.3i 16V T-GDi 4x4	B	EYF (55 2823 28)	2019-01-01		1332	110		
Jeep	BV	Renegade (BV) 2.4i 16V Multi-Air	B	ED6	2019-01-01	2019-01-01	2360	137		
Jeep	BV	Renegade (BV) 2.4i 16V PZEV Multi-Air	B	ED8	2019-01-01		2360	137		
Jeep	BV	Renegade (BV) 1.4i 16V MultiAir FWD	B	EAM (55 2823 28)	2019-01-01		1368	120		
Jeep	BU	Renegade (BU) 2.4i 16V PZEV Multi-Air	B	ED8	2018-01-01	2018-01-01	2360	137		
Jeep	BU	Renegade (BU) 2.4i 16V Multi-Air	B	ED6	2015-01-01	2018-01-01	2360	137		
Jeep	BV	Renegade (BV) 2.0 16V JTDM 4x4	D	EBS (55 2830 99)	2018-01-01	2020-01-01	1956	125		107052.1431
Jeep	KL	Cherokee (KL) 2.0i 16V T-GDi FWD	B	EC1	2019-01-01		1995	200		139071
Jeep	MP	Compass (MP) 2.0i 16V Multijet-II	D	55 2630 88	2018-01-01		1956	127		133464
Jeep	MP	Compass (MP) 2.0i 16V Multijet-II 4x4	D	55 2630 88	2017-01-01		1956	127		130389
Jeep	MP	Compass (MP) 2.4i 16V MultiAir	B	EDD	2017-01-01		2360	129		130630
Jeep	MP	Compass (MP) 2.4i 16V MultiAir 4x4	B	EDD	2017-01-01		2360	129		130631
Jeep	BV	Renegade (BV) 1.3i 16V T-GDi 4x4	B	EYF (55 2823 28)	2019-01-01		1332	132	1726ACG,1726ACH	132333
Jeep	KL	Cherokee (KL) 2.2 16V JTDM FWD	D	EBV	2019-01-01		2184	110	1726ACJ	133714
Jeep	KL	Cherokee (KL) 2.4i 16V MultiAir FWD	B	ED6	2014-01-01		2360	137		107323
Jeep	MP	Compass (MP) 1.3i 16V Hybrid 4x4	H	46 3375 40	2020-01-01		1332	177		140403
Jeep	MP	Compass (MP) 1.4i 16V MultiAir	B	EAQ	2017-01-01		1368	120		130393
Jeep	BV	Renegade (BV) 1.3i 16V T-GDi FWD	B	EYF	2019-01-01		1332	132		140305
Jeep	BU	Renegade (BU) 2.0 16V JTDM 4x4	D	EBT (55 2630 88)	2015-01-01		1956	126		126461
Jeep	BU	Renegade (BU) 2.4i 16V T-GDi FWD	B	ED6	2016-01-01		2360	132		126999
Jeep	BU	Renegade (BU) 2.4i 16V T-GDi 4x4	B	ED6	2016-01-01		2360	132		127000
Jeep	MP	Compass (MP) 1.3i 16V	B	55 2823 28	2020-01-01		1332	96	1727AUQ	141533
Jeep	MP	Compass (MP) 1.3i 16V Hybrid	H	46 3375 40	2020-01-01		1332	96	1727AVO	144209
Jeep	MP	Compass (MP) 1.3i 16V	B	55 2823 28	2020-01-01		1332	110	1727AUP	143535
Jeep	MP	Compass (MP) 1.3i 16V Hybrid	H	46 3375 40	2020-01-01		1332	177	1727AVP	140403
Jeep	BV	Renegade (BV) 1.3i 16V T-GDi Plug-in Hybrid 4xe	H	EYG (46 3375 40)	2020-01-01		1332	96	1726ACN,1726ACS	140402,1441
Jeep	BV	Renegade (BV) 1.6 16V JTD Multijet	D	EJ1 (46 3460 20)	2020-01-01		1598	96	1726ACR	144112
Jeep	BV	Renegade (BV) 1.5i 16V	B	EYP (46 3478 12)	2022-01-01		1469	96	1726ACU	147846
Kia	CK	Stinger (CK) 2.0i 16V T-GDi Gran Turismo	B	G 4 KL	2017-01-01		1998	188	8253AHH	128232
Kia	CK	Stinger (CK) 2.0i 16V T-GDi Gran Turismo	B	G 4 KL	2017-01-01		1998	182	8253AHI	130080
Kia	CK	Stinger (CK) 2.2 16V CRDi VGT Gran Turismo	D	D 4 HC	2017-01-01		2199	147	8253AHL	128498
Kia	CK	Stinger (CK) 2.2 16V CRDi VGT	D	D 4 HC	2017-01-01		2199	149	8253AHL	128233
Kia	CK	Stinger (CK) 2.2 16V CRDi VGT 4WD	D	D 4 HC	2017-01-01		2199	149	8253AHL	128260
Kia	CK	Stinger (CK) 2.2 16V CRDi VGT HTRAC-4WD Gran Tou	D	D 4 HC	2017-01-01		2199	147	8253AHL	128499
Kia	CK	Stinger (CK) 3.3i 24V T-GDi Gran Turismo	B	G 6 DP	2017-01-01		3342	272	8253AHJ	128235
Kia	CK	Stinger (CK) 3.3i 24V T-GDi 4WD Gran Turismo	B	G 6 DP	2017-01-01		3342	272	8253AHJ,8253AHL	128259
Kia	CD	Cee'd (CD) 1.0i 12V T-GDi	B	G 3 LC	2018-01-01		998	88	1260AEH	131766
Kia	CD	Cee'd (CD) 1.4i 16V CVVT-i	B	G 4 LC	2018-01-01		1368	73	1260AEI	131769,1346
Kia	CD	Cee'd (CD) 1.4i 16V T-GDi	B	G 4 LD	2018-01-01		1353	103	1260AEJ	131767
Kia	CD	Cee'd (CD) 1.6 16V CRDi	D	D 4 FE	2018-01-01		1598	85	1260AEK	131771
Kia	CD	Cee'd (CD) 1.6 16V CRDi	D	D 4 FE	2018-01-01		1598	100	1260AEL	131770
Kia	CD	Cee'd (CD) 1.0i 12V T-GDi SW	B	G 3 LC	2018-01-01		998	88	1260AEP,2234AAY	132563
Kia	CD	Cee'd (CD) 1.4i 16V CVVT-i SW	B	G 4 LC	2018-01-01		1368	73	1260AER	132568,1346
Kia	CD	Cee'd (CD) 1.4i 16V T-GDi SW	B	G 4 LD	2018-01-01		1353	103	1260AET	132569
Kia	CD	Cee'd (CD) 1.6 16V CRDi SW	D	D 4 FE	2018-01-01		1598	85	1260AES	132574
Kia	CD	Cee'd (CD) 1.6 16V CRDi SW	D	D 4 FE	2018-01-01		1598	100	1260AET	132581
Kia	CD	Cee'd (CD) 1.6i 16V T-GDi	B	G 4 FJ	2018-01-01		1591	150	1260AEU,2234AAV	134610
Kia	CD	XCee'd (CD) 1.0i 12V T-GDi	B	G 3 LC	2019-01-01		998	88	1260AEH,2234AAR	137623
Kia	CD	XCee'd (CD) 1.4i 16V T-GDi	B	G 4 LD	2018-01-01		1353	103	1260AEJ	137624
Kia	CD	XCee'd (CD) 1.6 16V CRDi	D	D 4 FE	2019-01-01		1598	85	1260AEK	137626
Kia	CD	XCee'd (CD) 1.6 16V CRDi	D	D 4 FE	2019-01-01		1598	100	1260AEL	137627
Kia	CD	XCee'd (CD) 1.6i 16V T-GDi	B	G 4 FJ	2018-01-01		1591	150	1260AEU,2234AAV	137625
Kia	CK	Stinger (CK) 3.3i 24V T-GDi 4WD Gran Turismo	B	G 6 DP	2017-01-01		3342	269	8253AHL,8253AIA	135272
Kia	CK	Stinger (CK) 3.3i 24V T-GDi 4WD Gran Turismo 4WD	B	G 6 DP	2017-01-01		3342	272	8253AHL	128259
Kia	CD	XCee'd (CD) 1.6i 16V GDI Plug-In Hybrid	H	G 4 LE	2020-01-01		1580	77	1260AFG,2234ABE	139293
Kia	CD	Cee'd (CD) 1.6i 16V GDI Plug-In Hybrid SW	H	G 4 LE	2020-01-01		1580	77	1260AFF,2234ABD	139095
Kia	CD	XCee'd (CD) 1.0i 12V T-GDi	B	G 3 LC	2020-01-01	2022-01-01	998	88	2234AAR,2234AAY	137623
Kia	CD	Cee'd (CD) 1.0i 12V T-GDi	B	G 3 LE	2019-01-01	2022-01-01	998	74	2234AAQ	139690
Kia	CD	Cee'd (CD) 1.0i 12V T-GDi SW	B	G 3 LE	2019-01-01	2022-01-01	998	74	2234AAX	139275
Kia	CD	Cee'd (CD) 1.0i 12V T-GDi	B	G 3 LC	2018-01-01		998	88	1260AEH	131766
Kia	CD	Pro Cee'd (CD) 1.4i 16V T-GDi	B	G 4 LD	2018-01-01		1353	103	1260AEJ	134606
Kia	CD	Cee'd (CD) 1.0i 12V T-GDi	B	G 3 LC	2019-01-01		998	74	1260AEZ,2234AAQ	139690
Kia	CD	Cee'd (CD) 1.6i 16V	B	G 4 FE	2018-01-01		1591	94		134398
Kia	CD	Cee'd (CD) 1.6 16V CRDi	D	D 4 FE	2019-01-01		1598	85	1260AFB	139693
Kia	CD	Cee'd (CD) 1.6 16V CRDi	D	D 4 FE	2019-01-01		1598	100	1260AFC,2234AAW	139694
Kia	CD	Cee'd (CD) 1.0i 12V T-GDi SW	B	G 3 LC	2019-01-01		998	74	1260AFA,2234AAX	139275
Kia	CD	Cee'd (CD) 1.6i 16V SW	B	G 4 FG	2018-01-01		1591	94		136172
Kia	CD	Cee'd (CD) 1.6 16V CRDi SW	D	D 4 FE	2019-01-01		1598	85	1260AFD	139695
Kia	CD	Cee'd (CD) 1.6 16V CRDi SW	D	D 4 FE	2019-01-01		1598	100	1260AFE,2234ABC	139696
Kia	CD	Pro Cee'd (CD) 1.0i 12V T-GDi	B	G 3 LC	2018-01-01		998	88	1260AEH,2234AAR	134605
Kia	CD	Pro Cee'd (CD) 1.6 16V CRDi	D	D 4 FE	2019-01-01		1598	100	1260AFC,2234AAW	134607,139697,141386
Kia	CD	Pro Cee'd (CD) 1.6i 16V T-GDi	B	G 4 FJ	2018-01-01		1591	150	1260AEU,2234AAV	134608
Kia	CD	Cee'd (CD) 1.0i 12V T-GDi SW	B	G 3 LE	2018-01-01		998	88	1260AEP,2234AAY	132563
Kia	CK	Stinger (CK) 2.0i 16V T-GDi	B	G 4 KL	2018-01-01		1998	180	2233AAF,8253AHL	133131
Kia	CD	XCee'd (CD) 1.6 16V CRDi	D	D 4 FE	2019-01-01		1598	85	1260AFB	139698
Kia	CD	XCee'd (CD) 1.6 16V CRDi	D	D 4 FE	2019-01-01		1598	100	1260AFC,2234AAW	139699
Kia	MQ4	Sorento (MQ) 1.6i 16V T-GDi Hybrid	H	G 4 FT	2020-01-01		1598	132	2233ABH,8253AIP	141583
Kia	MQ4	Sorento (MQ) 1.6i 16V T-GDi Hybrid 4WD	H	G 4 FE	2020-01-01		1598	132	2233ABI,8253AII	141585
Kia	MQ4	Sorento (MQ) 1.6i 16V T-GDi Plug-In Hybrid 4WD	H	G 4 FT	2020-01-01		1598	132	2233ABJ,8253AIJ	143001
Kia	MQ4	Sorento (MQ) 2.2 16V CRDi	D	D 4 HE	2020-01-01		2151	148	2233ABF,8253AIN	139786
Kia	MQ4	Sorento (MQ) 2.2 16V CRDi 4WD	D	D 4 HE	2020-01-01		2151	148	2233ABG,8253AIO	139787
Kia	CD	Cee'd (CD) 1.5i 16V T-GDi	B	G 4 LH	2021-01-01		1482	118	1260AFI,2234AAT	143332
Kia	CD	Cee'd (CD) 1.5i 16V T-GDi Mild-Hybrid	B	G 4 LH	2021-01-01		1482	118	1260AFJ,1260AFM,2234AAU	145707
Kia	CD	Cee'd (CD) 1.5i 16V T-GDi SW	B	G						

Manufacturer	Type	Model	Fuel	Engine code	from year	to year	Engine displacement (cm³)	Power (kW)	KBA no.	K-Type-Number
Kia	MQ4	Sorento (MQ) 1.6i 16V T-GDi Hybrid 4WD	H	G 4 FT	2020-01-01		1598	132	2233ABI,8253AIQ	141585
Kia	MQ4	Sorento (MQ) 2.5i 16V MPI	B	G 4 KM	2021-01-01		2497	132	8253AIL	144122
Kia	MQ4	Sorento (MQ) 2.5i 16V MPI 4WD	B	G 4 KM	2021-01-01		2497	132	2233ABD,2233ABE,8253AIM	144125
Kia	CK	Stinger (CK) 3.3i 24V T-GDi 4WD	B	G 6 DP	2018-01-01		3342	269	2233AAH	133132
Kia	CD	XCee'd (CD) 1.5i 16V T-GDi	B	G 4 LH	2021-01-01		1482	118	1260AFI,2234AAT	143334
Kia	CD	Pro Cee'd (CD) 1.5i 16V T-GDi Mild-Hybrid	B	G 4 LH	2021-01-01		1482	118	1260AFJ,1260AFM,2234AAU	145705
Kia	MQ4	Sorento (MQ) 1.6i 16V T-GDi Hybrid	H	G 4 FT	2020-01-01		1598	132	2233ABH,8253AIP	
Kia	NQ5	Sportage (NQ) 1.6i 16V T-GDi Plug-In Hybrid 4WD	H	G 4 FT	2021-01-01		1598	132	2234ABF	146741
Kia	CD	XCee'd (CD) 1.6i 16V T-GDi Mild-Hybrid	B	G 4 LH	2021-01-01		1482	118	1260AFJ,1260AFM,2234AAU	146641
Kia	CD	Cee'd (CD) 1.5i 16V T-GDi Mild-Hybrid	B	G 4 LK	2021-01-01		1482	118	1260AFJ,2234AAU	145707
Kia	CD	Pro Cee'd (CD) 1.5i 16V T-GDi Mild-Hybrid	B	G 4 LK	2021-01-01		1482	118	1329AMN,2234AAU	145705
Cupra	KM	Formentor 1.5i 16V TSI	B	DPCA	2020-01-01		1498	110	7593ARC	142458
Cupra	KM	Formentor 1.5i 16V TSI	B	DPBA	2020-01-01		1498	96		
Cupra	KM	Formentor 1.4i 16V VZ e-Hybrid	H	DGEA	2020-01-01		1395	180	7593ARH	143543
Cupra	KM	Formentor 2.0i 16V TSI 4Drive	B	DNFB	2020-01-01		1984	228	7593ARG	142277
Cupra	KM	Formentor 2.0i 16V TSI 4Drive	B	DNNA	2020-01-01		1984	140	7593ARA	143544
Cupra	K1	Born 48kWh	E	EBJD	2021-01-01		0	110	7593ARN	145055
Cupra	K1	Born 62kWh	E	EBJC	2021-01-01		0	150	7593ARM	145053
Cupra	K1	Born 58kWh e-boost	E	ECWB	2021-01-01		0	170	7593ASM	145056
Cupra	K1	Born 77kWh e-boost	E	ECWA	2021-01-01		0	170	7593ASN	145057
Cupra	KM	Formentor 2.0 16V TDI	D	DTTA	2021-01-01		1968	110	7593ARD	143537
Cupra	KM	Formentor 2.0 16V TDI 4Drive	D	DTTC	2021-01-01		1968	110	7593ARE	143539
Cupra	KM	Formentor VZ5 2.5i 20V 4Drive	B	DNWB	2021-01-01		2480	287	7593AQZ	145688
Cupra	KM	Formentor 2.0i 16V TSI	B	DNPA	2021-01-01		1984	180	7593ARF	143542
Cupra	K1	Born 58 kWh	E	EBJC	2021-01-01		0	150	7593ASO	145053
Cupra	KM	Formentor 2.0i 16V TSI	B	DNNA	2021-01-01		1984	140		146317
Cupra	KL	Leon 1.5i 16V eTSI	B	DFYA	2022-01-01		1498	110	7593AST	149225
Cupra	KL	Leon 2.0i 16V TSI	B	DNNA	2022-01-01		1984	140	7593ASQ	150590
Cupra	KL	Leon 1.5i 16V eTSI Sportstourer	B	DFYA	2022-01-01		1498	110	7593ATB	150583
Cupra	KL	Leon 2.0i 16V TSI Sportstourer	B	DNNA	2022-01-01		1984	140	7593ASS	150587
Cupra	KM	Formentor 1.4 e-Hybrid	H	DGEA	2021-01-01		1395	150	7593ARB,7593ARO	143541
Cupra	KM	Formentor 2.0 16V TDI 4Drive	D	DTTA	2021-01-01		1968	110	7593ARE	143539
Cupra	KM	Formentor 2.0 16V TDI	D	DTTC	2021-01-01		1968	110	7593ARD	143537
Polestar	V	Polestar 2 EV	E	E 400 V2 (EAD3.1)	2021-01-01		0	165	2219AAB	144835
Polestar	V	Polestar 2 EV	E	E 400 V6 (EAD3.4)	2021-01-01		0	170	2219AAB	143879
Polestar	V	Polestar 2 EV	E	E 400 V6 (EAD3.1)	2019-01-01		0	300	2219AAA,9101BRO	139223

**HELLA GUTMANN SOLUTIONS GMBH**

Am Krebsbach 2

79241 Ihringen

GERMANY

Phone: +49 7668 9900-0

Fax: +49 7668 9900-3999

info@hella-gutmann.com

www.hella-gutmann.com

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# **Overview of the DoIP and CAN-FD vehicles**

Manufacturer	Type	Model	Fuel	Engine code	from year	to year	Engine displacement (cm <sup>3</sup> )	Power (kW)	KBA no.	K-Type-Number	Region EUR	DoIP CAN
Jaguar	X760	XE (X760) S 38 TI V6 24V SC	B	306 PS (AJ-V6)	1 Jan 2014		2995	250	1590ADQ	108187	X	
Jaguar	X760	XE (X760) 20 D 16V Turbo	D	204 DTA	1 Jan 2014		1999	132	1590ADU	108184	X	
Jaguar	X760	XE (X760) 20 D 16V Turbo E-Performance	D	204 DTD	1 Jan 2014		1999	120	1590ADT	108183	X	
Jaguar	X760	XE (X760) 20 TI 2.0i 16V Turbo	B	204 PT	1 Jan 2014		1999	147	1590ADR	108185	X	
Jaguar	X760	XE (X760) 25 TI 2.0i 16V Turbo	B	204 PT	1 Jan 2014		1999	177	1590ADS	108186	X	
Jaguar	X760	XE (X760) 20 D 16V Turbo	D	204 DTD	1 Jan 2014		1999	132	1590ADU	108184	X	
Jaguar	X760	XE (X760) 20 D 16V Turbo AWD	D	204 DTD	1 Jan 2015		1999	132	1590AES	117794	X	
Jaguar	X760	XE (X760) S 38 TI V6 24V SC	B	306 PS (AJ-V6)	1 Jan 2017		2995	280	1590AFU	126748	X	X
Jaguar	X760	XE (X760) 25 D 16V Turbo AWD	D	204 DTA	1 Jan 2017		1999	177	1590AFW	126745	X	X
Jaguar	X760	XE (X760) 25 TI 2.0i 16V	B	PT204	1 Jan 2017	1 Jan 2021	1997	184	1590AFV	126746	X	X
Jaguar	X760	XE (X760) 25 TI 2.0i 16V AWD	B	PT204	1 Jan 2017		1997	184	1590AFX	126747	X	X
Jaguar	X760	XE (X760) 30 TI 2.0i 16V Twinturbo	B	PT204	1 Jan 2017		1997	221	1590AGO	128638	X	X
Jaguar	X760	XE (X760) 30 TI 2.0i 16V Twinturbo AWD	B	PT204	1 Jan 2017		1997	221	1590AGP	127991	X	X
Jaguar	X760	XE (X760) 25 TI 2.0i 16V	B	PT204	1 Jan 2022		1997	184	1590AFV	150075	X	X
Land-Rover	L405	Range Rover 3.0 24V TD-V6 (L405)	D	30 6 DT	1 Jan 2012		2993	183	1590ABE, 2143ACD	56762	X	
Land-Rover	L405	Range Rover 3.0 24V TD-V6 (L405)	D	30 6 DT	1 Jan 2012		2993	190	1590ABF, 2143ACE	56775	X	
Land-Rover	L405	Range Rover 4.4 32V SD-V8 (L405)	D	44 8 DT	1 Jan 2012		4367	250	1590ABG, 2143ACF	56776	X	
Land-Rover	L405	Range Rover 5.0i 32V V8 SC (L405)	B	50 8 PS	1 Jan 2012		4999	375	2143ACC	32051	X	
Land-Rover	L405	Range Rover 5.0i 32V V8 SC (L405)	B	50 8 PS	1 Jan 2012		4999	375	2143ABD	32051	X	
Land-Rover	L405	Range Rover 5.0i V8 32V SC (L405)	B	50 8 PS	1 Jan 2012		4999	375	1590ABD, 2143ACC	57067	X	
Land-Rover	L405	Range Rover 3.0i 24V SD-V6 (L405) Hybrid	H	30 6 DT	1 Jan 2013		2993	250	1590ACY	100017	X	
Land-Rover	L405	Range Rover 3.0 24V TD-V6 (L405)	D	30 6 DT	1 Jan 2013		2993	155	1590ACX	100016	X	
Land-Rover	L405	Range Rover 5.0i 32V V8 (L405)	B	50 8 PN	1 Jan 2013		4999	276	1590ADA	100503	X	
Land-Rover	L405	Range Rover 3.0i V6 24V SC (L405)	B	30 6 PS	1 Jan 2013		2995	250	1590ACZ, 1590AEP	100015	X	
Land-Rover	L405	Range Rover 3.0 24V SD-V6 (L405) Hybrid	H	30 6 DT	1 Jan 2014		2993	215	1590ADO	100017	X	
Land-Rover	L405	Range Rover 3.0i V6 24V SC (L405)	B	30 6 PS	1 Jan 2015		2995	250	1590AEP	123234	X	
Land-Rover	L405	Range Rover 3.0i-S V6 24V SC (L405)	B	30 6 PS	1 Jan 2015		2995	280	1590AEO	115843	X	
Land-Rover	L405	Range Rover 3.0 24V SD-V6 (L405) Hybrid	H	30 6 DT	1 Jan 2015		2993	225	1590AEM	116829	X	
Land-Rover	L405	Range Rover 5.0i-S V8 32V SC (L405)	B	50 8 PS	1 Jan 2015		4999	405	1590AEN	115836	X	
Land-Rover	L405	Range Rover 5.0i-SVA V8 32V SC (L405)	B	50 8 PS	1 Jan 2017		4999	416	1590AHW	129784	X	
Land-Rover	L405	Range Rover 5.0i-S V8 32V SC (L405)	B	50 8 PS	1 Jan 2017		4999	386	1590AHS	129783	X	
Land-Rover	L405	Range Rover 5.0i-S V8 32V SC (L405)	B	50 8 PS	1 Jan 2017		4999	280	1590AHT		X	
Land-Rover	L405	Range Rover 3.0 24V SD-V6 (L405)	D	30 6 DT	1 Jan 2018		2993	202	1590AHZ	133348	X	
Land-Rover	L405	Range Rover 2.0i 16V P400e (L405) Plugin-Hybrid	H	PT204	1 Jan 2018		1997	221	1590AHV	135158	X	
Land-Rover	L405	Range Rover 4.4 32V SD-V8 (L405)	D	44 8 DT	1 Jan 2018		4367	250	1590ABG	56776	X	
Land-Rover	L560	Range Rover Velar 2.0 16V D (L560)	D	20 4 DTD	1 Jan 2017		1999	132	1590AGD	126259	X	X
Land-Rover	L560	Range Rover Velar 2.0 16V D (L560)	D	20 4 DTA	1 Jan 2017		1999	177	1590AGE	126260	X	X
Land-Rover	L560	Range Rover Velar 3.0 24V TD-V6 (L560)	D	30 6 DT	1 Jan 2017		2993	221	1590AGF	126526	X	X
Land-Rover	L560	Range Rover Velar 2.0 16V (L560)	B	PT204	1 Jan 2017		1997	184	1590AGG	126262	X	X
Land-Rover	L560	Range Rover Velar 3.0i-S V6 24V SC (L560)	B	30 6 PS	1 Jan 2017		2995	280	1590AGH	126261	X	X
Land-Rover	L560	Range Rover Velar 2.0 16V (L560)	B	PT204	1 Jan 2017		1997	221	1590AGZ	127995	X	X
Land-Rover	L560	Range Rover Velar 2.0 16V D (L560)	D	20 4 DTH	1 Jan 2017		1999	132	1590AGD	126259	X	X
Land-Rover	L560	Range Rover Velar 3.0 24V (L560)	D	30 6 DT	1 Jan 2018		2993	202	1590AIE	132852	X	X
Land-Rover	L560	Range Rover Velar 2.0 16V D200 MHEV (L560)	D	AJ 20 D4	1 Jan 2020		1999	150	1590AJR	141972	X	X
Land-Rover	L560	Range Rover Velar 3.0i 24V P400 MHEV (L560)	B	AJ 20 P6	1 Jan 2020		2995	294	1590AJU	141974	X	X
Land-Rover	L494	Range Rover Sport 3.0 V6 24V SD (L494)	D	30 6 DT	1 Jan 2018		2993	183			X	X
Land-Rover	L494	Range Rover Sport 4.4 V8 32V SD (L494)	D	44 8 DT	1 Jan 2018		4367	250			X	X
Land-Rover	L551	Range Rover Evoque 2.0 16V (L551) Hybrid	H	PT204	1 Jan 2020		1997	147	1590AIJ, 1590AKD	134345, 134357, 141965	X	
Land-Rover	L551	Range Rover Evoque 1.5i 16V P160 (L551)	B	AJ20P3	1 Jan 2020		1497	118	1590ALK	141939	X	
Land-Rover	L551	Range Rover Evoque 1.5i 16V (L551) P300e Hybrid	H	AJ20P3	1 Jan 2020		1497	227	1590AJK	139607	X	
Land-Rover	L551	Range Rover Evoque 2.0 16V D165 (L551)	D	AJ20D4	1 Jan 2020		1997	120	1590AKB, 1590AKE	141905, 141938, 142096	X	
Land-Rover	L551	Range Rover Evoque 2.0 16V D200 MHEV (L551)	D	AJ20D4	1 Jan 2020		1997	150	1590AKC	141906, 1421	X	
Jaguar	X590	I-Pace (X590) EV 400 AWD SUV	E	QG (TZ 204 XSA)	1 Jan 2018		0	294	1590AHX	130530	X	X
Jaguar	X590	I-Pace (X590) EV 320 AWD SUV	E	QG (TZ 204 XSA)	1 Jan 2021		0	236		142696	X	X
Jaguar	X761	F-Pace (X761) 35TI V6 24V SC AWD	B	306 PS (AJ-V6)	1 Jan 2015	1 Jan 2018	2995	250	1590AEU	117712	X	
Jaguar	X761	F-Pace (X761) 3.0 D S-V6 24V AWD	D	306 DTA (TD-V6)	1 Jan 2015		2997	221	1590AEW	117714	X	
Jaguar	X761	F-Pace (X761) 2.0 D 16V AWD	D	204 DTD	1 Jan 2015		1999	132	1590AEX	117716	X	
Mercedes	236350	CLE 200 (236) Coupe	B	254,920	1 Jan 2023		1999	167	2222BNO		X	X
Mercedes	236351	CLE 200 (236) Coupe 4Matic	B	254,920	1 Jan 2023		1999	167			X	X
Mercedes	236347	CLE 300 (236) Coupe 4Matic	B	254,920	1 Jan 2023		1999	207	2222BNQ		X	X
Mercedes	236361	CLE 450 (236) Coupe 4Matic	B	254,920	1 Jan 2023		2999	280			X	X
Mercedes	236304	CLE 220 d (236) Coupe	D	654,820	1 Jan 2023		1993	162	2222BNP		X	X
Mercedes	223030	S 350 d (W/V223) 3.0 V6 24V CDI RWD Sedan	D	656,929	1 Jan 2020		2925	210	2222AWQ	141778	X	X
Mercedes	232480	SL 55 AMG (232) 4Matic+	B	177,880	1 Jan 2022		3982	350	2222BIK	147274	X	X
Mercedes	232481	SL 63 AMG (232) 4Matic+	B	177,880	1 Jan 2022		3982	430	2222BIL	147198	X	X
Mercedes	223130	S 350d L (223)	D	656,929	1 Jan 2020		2925	210	2222AWQ	143387	X	X
Mercedes	223031	S 350 d (W/V223) 3.0 V6 24V CDI 4x4 Sedan	D	656,929	1 Jan 2020		2925	210	2222AWR	141779	X	X
Mercedes	223033	S 400 d (W/V223) 3.0 V6 24V CDI 4x4 Sedan	D	656,929	1 Jan 2020		2925	243	2222AWS	141780	X	X
Mercedes	223061	S 450 (W/V223) 3.0i V6 24V CGI Mild Hybrid 4x4 Sedan	B	256,930	1 Jan 2020		2999	286	2222AXJ	141776	X	X
Mercedes	223063	S 500 (W/V223) 3.0i V6 24V CGI Mild Hybrid 4x4 Sedan	B	256,930	1 Jan 2020		2999	336	2222AWT	141777	X	X
Mercedes	223068	S 580 e (223)	H	256,930	1 Jan 2020		2999	375	2222AXG	144824	X	X
Mercedes	223076	S 580 (223) 4Matic	B	176,980	1 Jan 2020		2999	370	2222AXP	144368	X	X
Mercedes	223060	S 450 (223) EQBoost	B	256,930	1 Jan 2020		2999	286	2222AXR	145181	X	X
Mercedes	206041	C 180 (206)	B	254,915	1 Jan 2021		1496	125	2222AYC	143576	X	X
Mercedes	206042	C 200 (206)	B	254,915	1 Jan 2021		1496	150	2222AYD	143578	X	X
Mercedes	206043	C 200 (206) 4Matic	B	254,915	1 Jan 2021		1496	150	2222AYE	143579	X	X
Mercedes	206003	C 200d (206)	D	654,820	1 Jan 2021		1993	120	2222BDA	145132	X	X
Mercedes	206004	C 220d (206)	D	654,820	1 Jan 2021		1993	147	2222AYA	143580	X	X
Mercedes	206005	C 220d (206) 4Matic	D	654,820	1 Jan 2021		1993	147	2222BCZ	145133	X	X
Mercedes	206046	C 300 (206)	B	254,920	1 Jan 2021		1999	190	2222AYF	143631	X	X
Mercedes	206047	C 300 (206) 4Matic	B	254,920	1 Jan 2021		1999	190	2222AYG	143630	X	X
Mercedes	206006	C 300d (206)	D	654,820	1 Jan 2021		1993	195	2222AYB	143581	X	X
Mercedes	206007	C 300d (206) 4Matic	D	654,820	1 Jan 2020		1993	195	2222BCY	145134	X	X
Mercedes	206241	C 180 (206) T-Mod.	B	254,915	1 Jan 2021		1496	125	2222BCW	145151	X	X
Mercedes	206242	C 200 (206) T-Mod.	B	254,915	1 Jan 2021		1496	150	2222BAL	143633	X	X
Mercedes	206243	C 200 (206) T-Mod. 4Matic	B	254,915	1 Jan 2021		1496	150	2222BEM	145529	X	X
Mercedes	206203	C 200d (206) T-Mod.	D	654,820	1 Jan 2021		1993	120	2222BDF	145150	X	X
Mercedes	206216	C 220d (206) T-Mod.	D	654,820	1 Jan 2021		1993	147	2222AYH	143635	X	X
Mercedes	206205	C 220d (206) T-Mod. 4Matic	D	654,820	1 Jan 2021		1993	147	2222BBU	145149	X	X
Mercedes	206246	C 300 (206) T-Mod.	B	254,920	1 Jan 2021		1999	190	2222BEN	145527	X	X
Mercedes	206247	C 300 (206) T-Mod. 4Matic	B	254,920	1 Jan 2021		1999	190	2222BEO	145528	X	X
Mercedes	206206	C 300d (206) T-Mod.	D	654,820	1 Jan 2021		1993	195	2222AYI	143634	X	X
Mercedes	295121	EQE 350+ (295)	E	780,600	1 Jan 2022		0	215	2222BIN	145523	X	X
Mercedes	297123	EQS 450+ (297)	E	780,600	1 Jan 2021		0	245	2222AXZ, 2222BKW	145121	X	X
Mercedes	297144	EQS 580 (297) 4Matic	E	780,600	1 Jan 2021		0	385	2222AXY	145122	X	X
Mercedes	223161	S 450 L (223) 4Matic EQBoost	B	256,930	1 Jan 2020		2999	286	2222AXJ	143385	X	X
Mercedes	223163	S 500 L (223) 4Matic EQBoost	B	256,930	1 Jan 2020		2999	336	2222AWT	143384	X	X
Mercedes	223976	S 580 Maybach (223) 4Matic EQBoost	B	176,980	1 Jan 2021		3982					



Manufacturer	Type	Model	Fuel	Engine code	from year	to year	Engine displacement (cm <sup>3</sup> )	Power (kW)	KBA no.	K-Type-Number	Region EUR	DoIP CAN
Mercedes	254647	GLC 300 (254) 4Matic	B	254,920	1 Jan 2022		1999	190	2222BOH	145213	X	X
Mercedes	254656	GLC 300e (254) 4Matic Hybrid	H	254,920	1 Jan 2022		1999	230	2222BLC, 2222BOK	150606	X	X
Mercedes	254655	GLC 400e (254) 4Matic Hybrid	H	254,920	1 Jan 2022		1999	280	2222BLD, 2222BOL	150607	X	X
Mercedes	296623	EQS SUV 450+ (296)	E	780,600	1 Jan 2022		0	265		148215	X	X
Mercedes	296644	EQS SUV 580 (296) 4Matic	E	780,300	1 Jan 2022		0	400		148217	X	X
Mercedes	296624	EQS SUV 450 (296) 4Matic	E	780,300	1 Jan 2022		0	265		148216	X	X
Mercedes	295111	EQE 300 (295)	E	780,600	1 Jan 2022		0	180		148191	X	X
Mercedes	295125	EQE 350 (295)	E	780,600	1 Jan 2022		0	215		150131	X	X
Mercedes	295112	EQE 350 (295) 4Matic	E	780,300	1 Jan 2022		0	215		148192	X	X
Mercedes	295122	EQE 500 (295) 4Matic	E	780,300	1 Jan 2022		0	300		148193	X	X
Mercedes	295153	EQE 53 AMG (295) 4Matic+	E	780,300	1 Jan 2022		0	460	2222BIZ	148194	X	X
Mercedes	297124	EQS 450 (297) 4Matic	E	780,300	1 Jan 2022		0	265	2222BKX	147683	X	X
Mercedes	297134	EQS 500 (297) 4Matic	E	780,300	1 Jan 2022		0	330	2222BKY	147680	X	X
Mercedes	297144	EQS 580 (297) 4Matic	E	780,300	1 Jan 2021		0	385	2222BKZ	145122	X	X
Mercedes	254607	GLC 300d (254) 4Matic	D	654,820	1 Jan 2022		1992	198	2222BLA, 2222BOI	150600	X	X
Mercedes	206204	C 220d (206) T-Mod.	D	654,820	1 Jan 2021		1993	147	2222AYH	143635	X	X
Mercedes	206016	C 220d (206)	D	654,820	1 Jan 2021		1993	147	2222AYA	143580	X	X
Mercedes	223131	S 350d L (223) 4Matic	D	656,929	1 Jan 2020		2925	210	2222AWR	143388	X	X
Mercedes	223133	S 400d L (223) 4Matic	D	656,929	1 Jan 2020		2925	243	2222AWS	143389	X	X
Mercedes	223160	S 450 L (223) EQBoost	B	256,930	1 Jan 2020		2999	286	2222AXR	143798	X	X
Mercedes	223168	S 580 e L (223)	H	256,930	1 Jan 2020		2999	375	2222AXQ	144826	X	X
Mercedes	294622	EQE 500 (294) 4Matic	E	780,600	1 Jan 2023		0	300	2222BBI	151587	X	X
Mercedes	294621	EQE 350+ (294)	E	780,600	1 Jan 2022		0	215	2222BMH	151585	X	X
Mercedes	294612	EQE 350 (294) 4Matic	E	780,600	1 Jan 2023		0	215	2222BBI	151586	X	X
Mercedes	294611	EQE 300 (294)	E	780,600	1 Jan 2023		0	180	2222BMH	152952	X	X
Mercedes	294632	EQE 43 AMG (294) 4Matic	E	780,600	1 Jan 2023		0	350	2222BBI	151588	X	X
Mercedes	295153	EQE 53 AMG (295) 4Matic+	E	780,300	1 Jan 2022		0	505	2222BNZ	153322	X	X
Mercedes	294612	EQE 350 (294) 4Matic	E	780,300	1 Jan 2022		0	215	2222BBI	151586	X	X
Mercedes	294622	EQE 500 (294) 4Matic	E	780,300	1 Jan 2022		0	300	2222BBI	151587	X	X
Mercedes	296643	EQS SUV 500 (296) 4Matic	E	780,300	1 Jan 2022		0	330		153320	X	X
Renault	BNJ2	Megane e-Tech EV40	E	6AM 402	1 Jan 2021		0	96	3333BPN	145693	X	X
Renault	BNJ1	Megane e-Tech EV60	E	6AM 402	1 Jan 2021		0	160	3333BPN	145694	X	X
Lexus	AXZH10	ES 300h 2.5i 16V Hybrid	H	A 25B-FXS	1 Jan 2018		2487	131	5013AMG	140357	X	X
Lexus	AXZH10	ES 300h 2.5i 16V Hybrid	H	A 25B-FXS	1 Jan 2018		2487	131		140357	X	X
Lexus	AXZH10, AXZH	ES 300h 2.5i 16V Hybrid	H	A 25A-FXS	1 Jan 2018		2487	131	5013AMG	140357	X	X
Lexus	AXZH10	ES 300h 2.5i 16V Hybrid	H	A 25A-FXS	1 Jan 2018		2487	160		140357	X	X
Jaguar	X761	F-Pace (X761) 20 D 16V RWD	D	204 DTD	1 Jan 2015		1999	132	1590AEE	117715	X	
Jaguar	X761	F-Pace (X761) 3.0i-S V6 24V SC AWD SC	B	306 PS (AJ-V6)	1 Jan 2015	1 Jan 2018	2995	280	1590AEV	117713	X	
Jaguar	X761	F-Pace (X761) 20 D 16V AWD	D	204 DTH	1 Jan 2015		1999	132	1590AEX	117716	X	
Jaguar	X761	F-Pace (X761) 25 D 16V AWD	D	204 DTA	1 Jan 2017		1999	177	1590AFR	126021	X	X
Jaguar	X761	F-Pace (X761) 25 Ti 16V AWD	B	PT204	1 Jan 2017		1997	184	1590AFT	126022	X	X
Jaguar	X761	F-Pace (X761) 2.0 D 16V E-Performance	D	204 DTD	1 Jan 2017		1999	120	1590AFS	126020	X	X
Jaguar	X761	F-Pace (X761) 20 D 16V AWD	D	204 DTD	1 Jan 2017		1999	132		117716	X	X
Jaguar	X761	F-Pace (X761) 25 Ti D 16V	B	AJ 200 P	1 Jan 2017		2995	184		126022.1288	X	X
Jaguar	X761	F-Pace (X761) 2.0 Ti 16V AWD	B	AJ 200 P	1 Jan 2017		2995	221		127990	X	X
Jaguar	X761	F-Pace (X761) 2.0 Ti 16V RWD	B	PT204	1 Jan 2017	1 Jan 2018	1997	184	1590AHA	128768	X	X
Jaguar	X761	F-Pace (X761) 2.0 Ti 16V AWD	B	PT204	1 Jan 2017		1997	221	1590AHB	127990	X	X
Jaguar	X761	F-Pace (X761) 2.0 D 16V E-Performance	D	204 DTH	1 Jan 2017		1999	120	1590AFS		X	X
Jaguar	X761	F-Pace (X761) 5.0i-SVR V8 32V SC AWD	B	508 PS (AJ-V8)	1 Jan 2018		5000	405	1590AIC	132598	X	X
Jaguar	X761	F-Pace (X761) 20 D 16V RWD	D	204 DTH	1 Jan 2019	1 Jan 2020	1999	132	1590AEE	117715	X	X
Jaguar	DC	F-Pace (X761) 2.0 D165 Mild Hybrid AWD	D	AJ20D4	1 Jan 2021		1997	120	1590AKH	142704	X	X
Jaguar	DC	F-Pace (X761) 2.0 D200 Mild Hybrid AWD	D	AJ21D4	1 Jan 2021		1997	150	1590AKI	142705	X	X
Jaguar	X540	E-Pace (X540) 2.0 16V FWD	D	204 DTD	1 Jan 2017		1999	110	1590AHF	127975	X	X
Jaguar	X540	E-Pace (X540) 2.0 16V AWD	D	204 DTD	1 Jan 2017		1999	110	1590AHH	127976	X	X
Jaguar	X540	E-Pace (X540) 2.0 16V AWD	D	204 DTF	1 Jan 2017		1999	110	1590AHH	127976	X	X
Jaguar	X540	E-Pace (X540) 2.0 16V FWD	D	204 DTF	1 Jan 2017		1999	110	1590AHF	127975	X	X
Jaguar	X540	E-Pace (X540) 2.0 16V AWD	D	204 DTD	1 Jan 2017		1999	110	1590AHG	127976	X	X
Jaguar	X540	E-Pace (X540) 2.0 16V AWD	D	204 DTF	1 Jan 2017		1999	110	1590AHG	127976	X	X
Jaguar	X540	E-Pace (X540) 2.0 16V AWD	D	204 DTD	1 Jan 2017		1999	132	1590AHJ	127977	X	X
Jaguar	X540	E-Pace (X540) 2.0 16V AWD	D	204 DTF	1 Jan 2017		1999	132	1590AHJ	127977	X	X
Jaguar	X540	E-Pace (X540) 2.0 16V AWD	D	204 DTD	1 Jan 2017		1999	132	1590AHI	127977	X	X
Jaguar	X540	E-Pace (X540) 2.0 16V AWD	D	204 DTF	1 Jan 2017		1999	132	1590AHI	127977	X	X
Jaguar	X540	E-Pace (X540) 2.0 16V AWD	D	204 DTA	1 Jan 2017		1999	177	1590AHK	127978	X	X
Jaguar	X540	E-Pace (X540) 2.0i 16V AWD	B	PT204	1 Jan 2017		1997	183	1590AHC, 1590AHD	127973	X	X
Jaguar	X540	E-Pace (X540) 2.0i 16V AWD	B	PT204	1 Jan 2017		1997	221	1590AHE	127974	X	X
Jaguar	X540	E-Pace (X540) 2.0i 16V AWD	B	PT204	1 Jan 2018		1997	147	1590AIA, 1590AIB	132596	X	X
Jaguar	X540	E-Pace (X540) 1.5i P160 Mild Hybrid FWD	B	AJ20P3	1 Jan 2021		1497	118	1590AKY	142718	X	X
Jaguar	X540	E-Pace (X540) 1.5i P300e Plug-in Hybrid AWD	H	AJ20P3	1 Jan 2021		1497	147	1590ALL	142723	X	X
Jaguar	X540	E-Pace (X540) 2.0 D165 FWD	D	AJ20D4	1 Jan 2021		1997	120	1590ALD	142715	X	X
Jaguar	X540	E-Pace (X540) 2.0 D165 Mild Hybrid AWD	D	AJ20D4	1 Jan 2021		1997	120	1590AKZ, 1590ALA	142716	X	X
Jaguar	X540	E-Pace (X540) 2.0i 16V Mild Hybrid AWD	D	AJ20D4	1 Jan 2021		1997	150	1590ALB, 1590ALC	142717	X	X
Jaguar	X540	E-Pace (X540) 2.0i P200 Mild Hybrid AWD	B	AJ20P4	1 Jan 2021		1997	147	1590AKS, 1590AKT	142719	X	X
Jaguar	X540	E-Pace (X540) 2.0i P250 Mild Hybrid AWD	B	AJ20P4	1 Jan 2021		1997	184	1590AKU, 1590AKV	142720	X	X
Jaguar	X540	E-Pace (X540) 2.0i P300 Mild Hybrid AWD	B	AJ20P4	1 Jan 2021		1997	221	1590AKW, 1590AKX	142721	X	X
Land-Rover	L462	Discovery 3.0 24V TD-V6 (L462)	D	30 6 DT	1 Jan 2016		2993	155	1590AFI	123321	X	
Land-Rover	L462	Discovery 3.0 24V TD-V6 (L462)	D	30 6 DT	1 Jan 2016		2993	183	1590AFJ	123314	X	X
Land-Rover	L462	Discovery 3.0 24V TD-V6 (L462)	D	30 6 DT	1 Jan 2016		2993	190	1590AFK	123313.1428	X	X
Land-Rover	L462	Discovery 2.0 16V SD-4 (L462)	D	20 4 DTA	1 Jan 2016		1999	177	1590AFL	124201.1428	X	X
Land-Rover	L462	Discovery 2.0 16V TD-4 (L462)	D	20 4 DTD	1 Jan 2016		1999	132	1590AFM	124200.1427	X	X
Land-Rover	L462	Discovery 3.0 24V SI-V6 SC (L462)	B	30 6 PS	1 Jan 2016		2995	250	1590AFH	123323.1428	X	X
Land-Rover	L462	Discovery 3.0 24V SD-V6 (L462)	D	30 6 DT	1 Jan 2018		2993	225	1590AID	133716.1428	X	X
Land-Rover	LE663	Defender-III 3.0 24V D200 (L663)	D	AJ 20 D6	1 Jan 2019		2997	147	1590AJY	141953	X	X
Land-Rover	LE663	Defender-III 3.0 24V D250 (L663)	D	AJ 20 D6	1 Jan 2020		2997	183	1590AJW, 1590AJZ	141911.1419	X	X
Land-Rover	LE663	Defender-III 3.0 24V D300 (L663)	D	AJ 20 D6	1 Jan 2020		2997	221	1590AKA	141912	X	X
Land-Rover	LE663	Defender-III 3.0 24V D200 MHEV (L663)	D	AJ 20 D6	1 Jan 2020		2997	147	1590AJV	141954	X	X
Land-Rover	LE663	Defender-III 3.0 24V D300 MHEV (L663)	D	AJ 20 D6	1 Jan 2020		2997	221	1590AJX	141915	X	X
LYNK & CO	GX6	01 1.5T HEV DCTH	H	JLH-3G15TB	1 Jan 2022		1477	145	2189AAA	138665	X	X
LYNK & CO	GX6	01 1.5TD PHEV DCTH	H	JLH-3G15TD	1 Jan 2022		1477	192	2189AAB	132297	X	X

**HELLA GUTMANN SOLUTIONS GMBH**

Am Krebsbach 2

79241 Ihringen

GERMANY

Phone: +49 7668 9900-0

Fax: +49 7668 9900-3999

info@hella-gutmann.com

www.hella-gutmann.com

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Manufacturer	Model	Shortcut	Transmission type	from year	to year	HV data	HV functions**	HV Battery Rating Basic***
Audi	A3	8V	H	2014	2018	X	X	X
Audi	A3	8Y	H	2020		X	X	
Audi	A6	4A	H	2019		X	X	X
Audi	A6	4G	H	2011	2018	X	X	X
Audi	A7	4G	H	2014	2018		X	X
Audi	A7	4K	H	2019			X	X
Audi	A8	4H	H	2012	2017	X	X	X
Audi	A8	4N	H	2019			X	
Audi	e-tron	GE	E	2019		X	X	X
Audi	e-tron GT	FW	E	2021		X	X	
Audi	Q3	F3	H	2021		X	X	X
Audi	Q4 e-tron	FZ	E	2021		X	X	X
Audi	Q5	8R	H	2013	2016		X	X
Audi	Q5	FY	H	2019		X	X	X
Audi	Q7	4M	H	2015	2018	X	X	X
Audi	Q8	4M	H	2020		X	X	X
Audi	Q8 e-tron	GE	E	2023			X	
BMW	2 Series	F45/F46	H	2015		X	X	X
BMW	2 Series	U06	H	2021		X		
BMW	3 Series	F30	H	2011	2019	X	X	X
BMW	3 Series	G20/G21	H	2020	2021	X	X	X
BMW	4 Series	G20/G21	H	2019			X	X
BMW	4 Series	G26	E	2021		X	X	X
BMW	5 Series	F10	H	2011	2017		X	X
BMW	5 Series	G30/G31	H	2018		X	X	X
BMW	7 Series	7L	H	2019			X	X
BMW	7 Series	G11	H	2015	2019	X	X	X
BMW	7 Series	G12	H	2015	2019	X	X	X
BMW	7 Series	G70	E	2022			X	X
BMW	i3	I01	E	2013	2017	X	X	X
BMW	i8	I12	H	2014	2018		X	X
BMW	i8	I15	H	2018			X	X
BMW	iX	i20	E	2021		X	X	X
BMW	iX3	G08	E,H	2020		X	X	X
BMW	X1	F48	H	2020		X	X	X
BMW	X2	F39	H	2020		X	X	X
BMW	X3	G01	H	2019		X	X	X
BMW	X5	F15	H	2015			X	
BMW	X5	G05	H	2018		X	X	X
BMW	X6	E72	H	2009	2012	X		X
Citroën	Berlingo-III	7	E	2013	2018		X	
Citroën	Berlingo-IV	E	E	2020		X	X	
Citroën	C-Zero	1	E	2010		X	X	X
Citroën	C4	B	E	2020		X	X	
Citroën	C5 Aircross	A	H	2020		X new in V72	X	
Citroën	C5 X	N	H	2021		X	X	
Citroën	DS5	K	H	2011	2018	X	X	
Citroën	Jumpy-IV	V	E	2020		X	X	
Citroën	SpaceTourer	V	E	2020		X	X	
Cupra	Born	K1	E	2021		X	X	X
Cupra	Formentor	KM	H	2020		X	X	
Cupra	Leon	KL	H	2021		X	X	
Dacia	Spring Electric	DBG	E	2021		X	X	X
DS Automobiles	DS3 Crossback	U	E	2019		X	X	
DS Automobiles	DS7	J	H	2019		X		
Fiat	500	332	E	2020		X	X	
Ford	Kuga 03	DFK	H	2019		X		
Ford	Mondeo 05	BA7	H	2014	2016	X		
Ford	Mustang Mach-E	LSK	E	2020		X	X	SoH
Ford	Transit 10 Mod.	FAC	H	2020		X		
Honda	Civic	FD	H	2008		X	X	
Honda	CR-V	RT	H	2018		X	X	
Honda	CR-Z	ZE	H	2010	2012	X	X	
Honda	e	ZC7	E	2019		X		
Honda	Insight	ZE	H	2009	2014	X	X	
Honda	Jazz	GP	H	2010		X	X	
Hyundai	Ioniq	AE	E,H	2016		X	X	SoH
Hyundai	Ioniq	NE	E	2021		X	X	SoH
Hyundai	ix35	LM FCEV	H	2014			X	
Hyundai	Kona	OS	E	2018		X	X	SoH
Hyundai	Santa Fe	TM	H	2020		X	X	
Hyundai	Tuscon	NX	H	2020		X	X	SoH
Infiniti	Q50	V37	H	2014	2015		X	
Jaguar	E-Pace	X540	H	2021		X	X	
Jaguar	I-Pace	X590	E	2018		X new in V72	X new in V72	
Jeep	Compass	MP	H	2020		X		
Kia	Cee'd / Pro Cee'd	CD	H	2020		X	X	X
Kia	EV6	CV	E	2021		X	X	SoH
Kia	Niro	DE HEV	E,H	2016		X	X	SoH only EV
Kia	Niro	SG2	H	2021		X	X	SoH
Kia	Optima	TF	H	2012	2015	X		
Kia	Optima	JF	H	2015		X	X	SoH
Kia	Sorento	MQ	H	2020		X	X	SoH
Kia	Soul	PS EV	E	2014	2019	X	X	SoH
Kia	Soul	SK3 EV	E	2020		X	X	SoH
Kia	Sportage	NQ5	H	2021		X new in V72	X new in V72	SoH
Land-Rover	Range Rover Evoque-II	L551	H	2020			X new in V72	
Land-Rover	Range Rover Sport	L494	H	2013		X new in V72		
Land-Rover	Range Rover-IV	L405	H	2013		X		
Lexus	CT	ZWA10	H	2010	2017	X	X	X
Lexus	ES	AVV60	H	2013	2017		X	X
Lexus	ES	AXZH10	H	2018		X	X	X
Lexus	GS	GWL10	H	2012	2019	X	X	X
Lexus	GS	GWS/GRS 191	H	2006	2011	X	X	X
Lexus	HS	ANF10	H	2010	2012		X	X
Lexus	IS	AVE 20/30	H	2013		X	X	X
Lexus	LC	GWZ100	H	2016		X	X	X
Lexus	LS	UVF45/46	H	2007	2014	X	X	X
Lexus	LS	GVF50/55	H	2016		X	X	X
Lexus	NX	AYZ10/15	H	2014	2019	X	X	X
Lexus	NX	AAZH20/25/26	H	2021		X	X	
Lexus	RC	AVC10L	H	2015		X	X	X
Lexus	RX	GYL10	H	2009	2016	X	X	X
Lexus	RX	GYL15	H	2009	2016	X	X	X
Lexus	RX	GYL20	H	2016	2018	X	X	X
Lexus	RX	GYL25,GYL26	H	2019		X	X	X
Lexus	RX	MHU33	H	2006	2008		X	X
Lexus	RX	MHU38	H	2004	2009	X	X	X
Lexus	UX	MZAH10/MZAH15	H	2019		X	X	X
Lexus	UX	MZAH15	E	2020		X	X	X
LYNK & CO	1	GX6	H	2022		X		
MAN	TGE	UY	E	2018		X	X	
Mazda	CX-60	KH	H	2022		X		
Mazda	Mazda 2	KB	H	2022		X	X	X
Mazda	MX-30	DR	E	2020		X	X	SoH
Mercedes	A-Class	177	H	2019		X	X	X

Manufacturer	Model	Shortcut	Transmission type	from year	to year	HV data	HV functions**	HV Battery Rating Basic***
Mercedes	AMG GT	290	H	2018			X	
Mercedes	B-Class	247	H	2019		X	X	X
Mercedes	C-Class	205	H	2014	2018	X	X	X
Mercedes	C-Class	206	H	2021		X new in V72	X	X
Mercedes	CLA-Class	118	H	2020		X	X	X
Mercedes	E-Class	212	H	2015	2015	X		X
Mercedes	E-Class	213	H	2016	2020	X	X	X
Mercedes	E-Class	238	H	2019			X	
Mercedes	EQA	243	E	2020		X	X	X
Mercedes	EQB	243	E	2021		X extended in V72	X extended in V72	X
Mercedes	EQC	293	E	2019		X	X	X
Mercedes	EQE	295	E	2022		X extended in V72	X extended in V72	X
Mercedes	EQS	297	E	2021		X	X	X
Mercedes	EQS SUV	269	E	2022			X	X
Mercedes	GLA-Class	247	H	2020		X	X	X
Mercedes	GLC-Class	253	H	2015	2018	X	X	X
Mercedes	GLE-Class	166	H	2015	2018		X	X
Mercedes	GLE-Class	167	H	2020			X	
Mercedes	S-Class	221	H	2009	2013	X		X
Mercedes	S-Class	222	H	2013	2017	X		X
Mercedes	S-Class	223	H	2020		X	X	X
Mercedes	Sprinter	910	E	2020		X	X	
Mercedes	V-Class	447	H,E	2015		X	X	X
MG Motors	Marvel R	EP21	E	2021		X	X	
MG Motors	MG5	EP22-L	E	2021		X new in V72	X new in V72	
MG Motors	ZS	ZS1	E	2021		X	X	
Mini	F56 One/Cooper	F56	E	2019		X	X	X
Mini	F60 Countryman	F60	H	2017		X	X	X
Mitsubishi	Eclipse Cross	GK	H	2021		X	X	X
Mitsubishi	i-MiEV	HA	E	2010		X	X	
Mitsubishi	Outlander	CW	H	2018		X	X	X
Nissan	Ariya	FE0E	E	2020		X new in V72		
Nissan	Leaf	ZE0	E	2010	2013	X	X	X
Nissan	Leaf	ZE1	E	2017		X	X	X
Opel/Vauxhall	Ampere	D1J	H	2010	2015		X	X
Opel/Vauxhall	Ampere-E	1G0	E	2016			X	X
Opel/Vauxhall	Astra-L	F	H	2021		X	X	
Opel/Vauxhall	Combo-E	K9	E	2021		X new in V72	X new in V72	
Opel/Vauxhall	Corsa-F	X20	E	2019		X	X	X
Opel/Vauxhall	Grandland	Z	H	2022			X new in V72	
Opel/Vauxhall	Mokka-B	U	E	2020		X	X	X
Opel/Vauxhall	Vivaro-C	EK0	E	2020		X	X	X
Opel/Vauxhall	Zafira Life	EK0	E	2020		X	X	X
Peugeot	2008	U	E	2020		X	X	
Peugeot	208	U	E	2019		X	X	
Peugeot	3008	HU	H	2010	2016	X	X	X
Peugeot	3008	M	H	2020		X	X	
Peugeot	308	F	H	2010	2016	X	X	X
Peugeot	508	8	H	2011	2016	X	X	
Peugeot	508	F	H	2020			X	
Peugeot	Expert-IV	V	H	2015	2018	X	X	
Peugeot	iOn	1	E	2010		X	X	
Peugeot	Partner-III	7	E	2012	2018		X	
Peugeot	Partner-IV	E	E	2021		X	X	
Peugeot	Rifter	E	E	2021		X	X	
Peugeot	Traveller	V	E	2020		X	X	
Polestar	Polestar 2	V	E	2019		X	X	
Porsche	Cayenne (92A)	92A	H	2010	2017		X	X
Porsche	Cayenne (9Yx)	9YA	H	2018			X	
Porsche	Panamera (970)	970	H	2011	2016		X	X
Porsche	Panamera (971)	971	H	2016			X	
Porsche	Taycan (Y1A)	Y1A	E	2019			X	
Renault	Arkana	RJL	H	2020		X new in V72	X	SoH
Renault	Captur-II	RJB	H	2020		X	X	SoH
Renault	Clio-V	RJA	H	2019		X new in V72	X	SoH
Renault	Fluence	L30Z,LZBZ,LZL6	E	2010		X	X	SoH
Renault	Kangoo-II	FW0Z	E	2010		X	X	X
Renault	Megane-IV	RFB	H	2020			X	SoH
Renault	Scenic-IV	J9AE	H	2017	2018	X		SoH
Renault	Twingo III	BCA1	E	2020		X	X	SoH
Renault	Twizy	ACVY	E	2011	2011		X	X
Renault	Zoe	BFMA	E	2012	2019	X	X	SoH
Renault	Zoe	BFMC,BFMD,FFMF	E	2019		X new in V72	X	SoH
Seat	Leon	KL	H	2020		X	X	
Seat	Mii	CD	E	2019		X	X	X
Seat	Tarraco	KN	H	2021		X	X	
Skoda	Citigo	NE	E	2020		X	X	X
Skoda	Enyaq	5A	E	2021		X	X	X
Skoda	Octavia	NX	H	2020		X	X	
Skoda	Superb	3V	H	2018		X	X	X
Smart/MCC	Smart Fortwo	451	E	2009	2014	X	X	X
Smart/MCC	Smart Fortwo	453	E	2017	2017	X	X	X
Subaru	Forester	SK	H	2018			X	SoH
Subaru	Impreza	G5	H	2020			X	SoH
Subaru	Solterra	EAM1S	E	2022			X new in V72	
Subaru	XV	G5	H	2021			X	SoH
Suzuki	Across	A5Z	H	2020			X	X
Suzuki	Baleno	EW	H	2015			X	X
Suzuki	Ignis	MF	H	2016			X	X
Suzuki	S-Cross	JY	H	2016			X	
Suzuki	Swace	AMZ	H	2020			X	X
Suzuki	Swift	AZ	H	2017			X	X
Suzuki	SX4	JY	H	2019			X	X
Suzuki	Vitara	LY	H	2019			X	X
Tesla	Model 3	5YJ3	E	2017	2021	X new in V72	X new in V72 ****	
Tesla	Model S	2	E	2012	2020	X	X extended in V72 ****	
Tesla	Model X	2	E	2015	2020	X	X extended in V72 ****	
Tesla	Model Y	5YJY	E	2019		X new in V72	X new in V72 ****	
Toyota	Auris	ZRE152,ZWE150	H	2010	2013	X	X	X
Toyota	Auris	ZWE186L	H	2012	2018	X	X	X
Toyota	Avalon	AVX40	H	2013			X	
Toyota	C-HR	ZYX10L	H	2016		X	X	X
Toyota	C-HR	MAXH10	H	2019		X	X	X
Toyota	C-HR	ZYX11	H	2020			X	X
Toyota	Camry	AHV40	H	2007	2011		X	X
Toyota	Camry	AVV50	H	2011	2016		X	X
Toyota	Camry	AXVH70	H	2018		X	X	X
Toyota	Camry	AXVH71	H	2017			X	X
Toyota	Corolla	NKE165	H	2015			X	
Toyota	Corolla	MZEH12	H	2018	2019	X	X	X
Toyota	Corolla	ZEW211	H	2019			X	X
Toyota	Corolla	MZEA12	H	2021			X	X
Toyota	Corolla	MXGH10,MXGH12	H	2022			X	X
Toyota	Corolla	MXGH15	H	2022			X	X
Toyota	Corolla	MZEH19	H	2023			X new in V72	
Toyota	Highlander	GVU58	H	2014	2016		X	X

Manufacturer	Model	Shortcut	Transmission type	from year	to year	HV data	HV functions**	HV Battery Rating Basic***
Toyota	Highlander	AXUH78	H	2020		X	X	X
Toyota	Kluger	AXUH70	H	2020	2022		X	X
Toyota	Mirai	JPD10L	H	2015		X	X	X
Toyota	Mirai	JPD20	H	2020		X	X	
Toyota	Prius	NHW10,NHW11	H	2001	2005	X	X	X
Toyota	Prius	NHW20	H	2003	2009	X	X	X
Toyota	Prius	ZVW30	H	2009	2016	X	X	X
Toyota	Prius	ZVW51	H	2016			X	X
Toyota	Prius	ZVW52/L	H	2016		X	X	X
Toyota	Prius	MXWH61	H	2023			X new in V72	
Toyota	Proace	MDZ / MPY	E	2020		X	X	X
Toyota	Proace	E	E	2021		X	X	X
Toyota	RAV 4	AVA42L	H	2015	2018	X	X	X
Toyota	RAV 4	AXAH54	H	2018		X	X	X
Toyota	Yaris	MXPJ10/15 MXHP10/11	H	2020		X	X	X
Toyota	Yaris	NHP130	H	2012	2017	X	X	X
Volkswagen	Arteon	3H	H	2020		X	X	
Volkswagen	Crafter	SX	E	2020		X	X	
Volkswagen	Golf 7	5G / BQ	H	2014	2017	X	X	X
Volkswagen	Golf 7	BE / BQ	E	2014		X	X	X
Volkswagen	Golf 8	CD	E	2020		X		
Volkswagen	ID3	E1	E	2020		X	X	X
Volkswagen	ID4	E2	E	2021		X	X	X
Volkswagen	ID5	E3	E	2021		X	X	X
Volkswagen	ID.Buzz	EB	E	2022		X	X	
Volkswagen	Jetta	16	H	2012			X	
Volkswagen	Passat	3G	H	2015	2018	X	X	X
Volkswagen	Passat	CB	H	2018		X	X	
Volkswagen	Tiguan	AX	H	2020		X	X	
Volkswagen	Touareg	7P	H	2014	2018		X	X
Volkswagen	Touareg	CR	H	2020	2022	X	X	
Volkswagen	Transporters	ST	H	2021		X	X	
Volkswagen	up!	BL	E	2014	2020	X	X	X
Volvo	C40	X	E	2021		X		SoH (depending on the control unit)
Volvo	S60-II	FS	H	2020			X	SoH (depending on the control unit)
Volvo	S60-III	Z	H	2019			X	SoH (depending on the control unit)
Volvo	S60-III	ZS	H	2019	2019	X	X	SoH (depending on the control unit)
Volvo	S90-II	PS	H	2017		X	X	SoH (depending on the control unit)
Volvo	V60-I	GW/GWAA	H	2011		X		SoH (depending on the control unit)
Volvo	V60-II	ZW	H	2018			X	SoH (depending on the control unit)
Volvo	V90-II	PW/PZ	H	2016		X extended in V72	X	SoH (depending on the control unit)
Volvo	V90-II	ZW	H	2020		X		SoH (depending on the control unit)
Volvo	XC40	XZ	H	2019		X	X	SoH (depending on the control unit)
Volvo	XC60-II	UZ	H	2017		X	X	SoH (depending on the control unit)
Volvo	XC90-II	LC/LF	H	2015	2018	X	X	SoH (depending on the control unit)

\* mega macs 42SE, PC, ONE, 56, 77, X

\*\* HV- (high-voltage) functions such as parameters, actuators, basic settings, codings, test functions

\*\*\* only with mega macs X, 77, 56, ONE, PC | X = it provides information such as min./max. battery cell voltage, battery state of charge, temperature values of battery cells; SoH = State of Health of the high-voltage battery module in %; SoH only EV = only on plain electric models; SoH depending on the ECU = depends on the ECU installed in the vehicle

\*\*\*\* The parameter request requires additional vehicle adapter cables of Hella Gutmann. This is not possible with OBD.

**HELLA GUTMANN SOLUTIONS GMBH**

Am Krebsbach 2

79241 Ihringen

GERMANY

Phone: +49 7668 9900-0

Fax: +49 7668 9900-3999

info@hella-gutmann.com

www.hella-gutmann.com

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