



HGS Software-News

Diagnostic devices



Additions And Modifications In Software Version 61

Things to know – an overview

New

- | **mega macs 66, mega macs 56, mega macs PC**
 - Manual service resets for Bike are displayed again
 - Encoding of Internet connection with TLS 1.2 support of devices completed

Revisions

- | **mega macs 42 SE**
 - Download speed accelerated
 - Crash events in global check removed
 - Restart of VCI after VCI update via Bluetooth ensured
- | **mega macs 66, mega macs 56, mega macs PC**
 - License numbers are adopted from vehicle search in the Car History
 - Manual VIN search with small letters possible
- | **mega macs PC**
 - Reliable license actualization in case of VCI change
- | **mega macs PC**
 - Crash event removed when using the Windows screen keypad
- | **mega macs 77**
 - Adaptation of update handling
- | **Global check**
 - Systems which have not been read out are marked with “- -” again



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Functions according to manufacturer

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

Extended and revised manufacturers

Alfa Romeo

- | Trouble codes (Spider (939), 939)
- | Parameters
- | Actuators
- | Basic settings
- | Codings
- | Service resets

Audi

- | Trouble codes (A1, GB), (A3, 8V), (A3, 8Y), (A4, 8W), (A5, F5), (Q2, GA), (Q3, F3), (S1, 8X), (S4, 8W), (S5, F5)
- | Parameters (A1, GB), (A3, 8V), (A3, 8Y), (A4, 8W), (A5, F5), (Q2, GA), (Q3, F3), (S1, 8X), (S4, 8W), (S5, F5)
- | Actuators (A1, GB), (A3, 8V), (A3, 8Y), (A4, 8W), (A5, F5), (Q2, GA), (Q3, F3), (S1, 8X), (S4, 8W), (S5, F5)
- | Basic settings
 - Electronic damper control ((A3, 8V), (TT, FV))
 - Checking emergency battery of emergency call system/telematics system ((A5, F5))
 - Regenerating the soot particulate filter ((Q3, F3))
 - Resetting engine adaptation values ((A7, 4G), (A6, 4G))
 - Initializing the adaptive cruise control ((Q3, F3), (A5, F5))
 - Initializing the oxidation catalyst ((Q3, F3))
 - Reset exhaust-gas aftertreatment filter learning values ((A5, F5))
 - Adapting the electronic damper control ((R8, 4S), (Q2, GA), (Q3, F3), (A3, 8Y))
 - Bleeding the fuel system ((Q3, F3), (A5, F5))
 - Burning off aux. heater/independent car heater ((A3, 8Y), (Q3, F3), (A5, F5))
 - Regenerating the soot particulate filter ((A5, F5))
 - Filling/bleeding the cooling system ((A5, F5))
 - Initializing the boost pressure regulator ((A7, 4G), (A6, 4G))
 - Initializing the seat belt tensioner ECU ((Q3, F3))



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Initializing the tilt/slide sunroof ((A3, 8P), (S3, 8P), (A4, 8K), (A5, 8T), (S5, 8T), (A8, 4H), (Q7, 4L), (A1, 8X), (A7, 4G), (S4, 8K), (A6, 4G), (Q5, 8R), (Q3, 8U), (S1, 8X), (S7, 4G), (S6, 4G), (RS Q3, 8U), (RS7, 4G), (RS5, 8T), (S5, 8F), (RS3, 8P), (RS6, 4G), (A3, 8V), (S8, 4H), (RS4, 8K), (RS5, 8F), (Q7, 4M), (A4, 8W), (S4, 8W), (Q2, GA), (A5, F5), (S5, F5), (Q5, FY), (RS5, F5), (RS4, 8W), (A8, 4N), (A6, 4A), (A7, 4K), (A1, GB), (Q3, F3), (Q8, 4M), (A5, 8F), (e-tron, GE), (A3, 8Y))

Adapt the intake manifold flap ((A7, 4G), (A8, 4H), (A6, 4G), (S5, 8T), (S4, 8K), (A3, 8P), (S5, 8F))

Initialize actuator of coolant temperature control ((A7, 4G), (A6, 4G))

Resetting the warning message of diesel exhaust fluid level ((A4, 8K), (A5, 8T), (Q5, 8R), (Q7, 4L), (A5, 8F), (A6, 4G), (A7, 4G), (A8, 4H), (A4, 8W), (A5, F5), (Q5, FY))

Resetting the start inhibitor of DEF injection system ((A5, 8T), (Q5, 8R), (Q7, 4L), (A5, 8F), (A6, 4G), (A7, 4G), (A4, 8K), (A8, 4H), (A4, 8W), (A5, F5), (Q5, FY), (Q3, F3))

Learning the throttle valve ((A3, 8Y))

Learning the steering-angle sensor ((Q3, F3))

Performing engine adaptations ((Q7, 4L), (A8, 4H), (Q3, F3), (A5, F5))

Initializing the brake-pressure sensor ((Q3, F3))

Performing transmission adaptations ((Q3, F3))

Resetting learned values of DEF injection system ((A4, 8K), (A5, 8T), (Q5, 8R), (Q7, 4L), (A5, 8F), (A6, 4G), (A7, 4G), (A8, 4H), (A4, 8W), (A5, F5), (Q5, FY))

Retracting parking brake ((Q3, F3), (A5, F5))

Performing the initial run-in of the air conditioning compressor ((A3, 8Y), (Q3, F3), (A5, F5))

Initializing the adaptive cruise control ((A3, 8Y))

Reducing fuel high pressure ((A7, 4G), (A6, 4G))

Initializing the A/C flap actuators ((A3, 8Y))

Initializing the alternator ((A3, 8V), (TT, FV), (Q2, GA), (A1, GB), (Q3, F3))

Activating the retrofitted parking heater ((A3, 8Y), (Q3, F3))

Replacing emergency battery of emergency call system/telematics system ((A5, F5))

Initializing the ESC sensors ((Q3, F3))

Adapting the electronic climate control ((Q3, F3), (A5, F5))

Initialize 4WD clutch oil pump ((S1, 8X), (A3, 8Y), (Q3, F3))

Configuring the lane change assist ((Q3, F3), (A5, F5))

Resetting the diesel exhaust fluid level ((Q3, F3), (A5, F5))

Resetting timing chain adaptation values ((A7, 4G), (A6, 4G))

Resetting the impact mode ((Q3, F3))

Initializing the neutral position sensor ((A7, 4G), (A6, 4G))

Initializing the clutch pedal position ((A3, 8V), (S3, 8V), (TT, FV), (RS3, 8V), (Q2, GA), (Q3, F3))

Initializing the EGR valve ((A2, 8Z), (A4, 8E), (A4, 8H), (TT, 8J))

Adjusting the headlights ((A3, 8Y), (Q3, F3), (A5, F5))

Learning the steering-angle sensor ((A5, F5))

Bleeding the cooling system ((A7, 4G), (A8, 4H), (A6, 4G), (S5, 8T), (S4, 8K), (S5, 8F), (A3, 8Y), (Q3, F3))



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Calibrating the camera ECU ((A3, 8Y), (Q3, F3), (A5, F5))
 Adapting the fuel burning heater remote control ((A3, 8Y), (Q3, F3), (A5, F5))
 Extending parking brake ((Q3, F3), (A5, F5))
 Unlocking aux. heater/independent car heater ((A3, 8Y), (Q3, F3), (A5, F5))
 Changing and checking DCT fluid ((A5, F5))
 Adapting the soot particulate filter ((Q3, F3))
 Calibrating the parking brake ((Q3, F3))

| Codings

Adjust parking assistance volume ((A3, 8Y), (Q3, F3))
 Coding the trailer hitch ((Q3, F3))
 Registering the battery ((Q3, F3), (A5, F5))
 Expert mode ECU coding ((Q3, F3), (A5, F5))
 Coding the rain/light sensor ((A3, 8Y), (Q3, F3), (A5, F5))
 General ECU replacement ((Q3, F3), (A5, F5))
 Coding the trailer detection ((A5, F5))
 Deactivating/activating the transport mode ((Q3, F3), (A5, F5))
 Coding the language version of instrument cluster ((Q3, F3))
 Adapting the trailer hitch to advanced driver assistance systems ((Q3, F3), (A5, F5))
 Coding injectors ((Q3, F3), (A5, F5))
 De/activating the trailer hitch ((Q3, F3), (A5, F5))
 Coding the gateway installation list ((Q3, F3))

| Service resets

(A3, 8Y), (A5, F5), (Q3, F3)

BMW

| Trouble codes

(X7, G07)

| Parameters

| Actuators

| Basic settings

Verschleißgrenze Bremsbeläge korrigieren ((5 Ser., F11), (5 Ser., F10))
 Bremsflüssigkeit ersetzen ((8 Ser., G15), (X5, G05), (8 Ser., G14), (X7, G07), (8 Ser., G16), (8 Ser., F91), (X6, G06), (8 Ser., F92), (8 Ser., F93))

| Codings

| Service resets



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Citroen

Trouble codes	(Diverse, S), (DS3, S), (Jumper-IV, Y (EU6))
Parameters	(Diverse, S), (DS3, S), (Jumper-IV, Y (EU6))
Actuators	(Diverse, S), (DS3, S)
Basic settings	Adapting the emergency brake assistant ((DS3, S), (Diverse, S)) Adapting the rotation rate sensor ((DS3, S), (Diverse, S)) Replacing engine parts ((DS3, S), (Diverse, S)) Regenerating the DeNOx catalyst ((DS3, S)) Locking the airbag ECU ((DS3, S), (Diverse, S)) De-calibrating the longitudinal/lateral acceleration sensor ((Jumper-III, Y (EU5))) Calibrating the steering-angle sensor ((DS3, S), (Diverse, S)) Replacing the particle filter ((DS3, S)) Learning the turbocharger ((DS3, S)) Learning the steering-angle sensor ((Nemo, A), (Nemo,)) Regenerating the soot particulate filter ((DS3, S)) Cleaning EGR valve ((DS3, S)) Unlocking the airbag ECU ((DS3, S), (Diverse, S)) Initializing the rain/light sensor ((DS3, S), (Diverse, S)) Filling the regeneration additive container ((DS3, S)) Initialising adaptive functions ((DS3, S)) Initializing crankshaft/camshaft position ((C5, R), (Berlingo-III, 7), (C3, SC), (DS4, N), (C4, N), (DS3, S), (C4 Picasso, U), (C3 Picasso, SH), (DS5, K), (C4 Picasso, 3)) ((Berlingo-III, 7), (C4, L), (Diverse, 7)) Initializing the longitudinal/lateral acceleration sensor ((Jumper-III, Y (EU5))) Initializing the fuel level ((DS3, S), (Diverse, S)) Learning the injection valve ((DS3, S)) Bleeding the ABS/ESC system ((DS3, S), (Diverse, S)) Initializing the start/stop system ((DS3, S)) Emptying/filling the diesel exhaust fluid tank ((DS3, S)) Activating the start/stop function ((DS3, S))



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Codings	Coding the keys ((DS3, S), (Diverse, S)) Coding the regeneration additive quantity ((SpaceTourer, V), (DS3, S)) Registering the battery ((DS3, S), (Diverse, S)) Coding the remote control ((DS3, S), (Diverse, S)) Retrofit USB module/CD changer ((DS3, S), (Diverse, S)) Coding the engine ECU ((Jumper-III, Y (EU5))) Coding injectors ((Jumper-III, Y (EU5)), (C4 Aircross, B), (C4 SpaceTourer, 3), (DS3, S)) Coding the body control module ((DS3, S), (Diverse, S))
Service resets	(Diverse, S), (DS3, S)

Dacia

Trouble codes	(Duster-I, HSD3)
Parameters	(Duster-I, HSD3)
Actuators	(Duster-I, HSD3)
Basic settings	Learning throttle valve stop ((Duster-I, HSD3)) Resetting the mixture adjustment ((Duster-I, HSD3)) Learning the steering-angle sensor ((Duster-I, HSDA), (Duster-I, HSDE), (Duster-I, HSDE,HSDE,HSDF,HSDG), (Duster-I, HSMG,HSDE), (Duster-I, HSAS,HSDC), (Duster-I, HSMG,HSDA), (Duster-I, HSAS), (Duster-I, HSM0), (Duster-I, HSM8), (Duster-I, HS0T), (Duster-I, HSDA,HSDB,HSDC), (Duster-I, HSD8), (Duster-I, HSD3), (Duster-I, HSDE,HSDF,HSDG), (Duster-I, H79)) Initializing the electrohydraulic power steering pump ((Duster-I, HSD3)) Bleeding the ABS hydraulic unit ((Duster-I, HSD3)) Initializing the starter ring gear ((Duster-I, HSD3)) Resetting learned values of alcohol content ((Duster-I, HSD3))
Codings	Airbag ECU locking/unlocking ((Duster-I, HSD3))
Service resets	

DS Automobiles

Trouble codes	(DS3 Crossback, U)
Parameters	(DS3 Crossback, U)
Actuators	(DS3 Crossback, U)
Basic settings	Resetting the diesel exhaust fluid level ((DS3 Crossback, U))



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Initializing the DeNOx system ((DS3 Crossback, U))
 Resetting the counter of fragrance cartridge block ((DS3 Crossback, U))
 Adapting the longitudinal acceleration sensor ((DS3 Crossback, U))
 Self-adaptation of A/C system ((DS3 Crossback, U))
 Reconnecting the battery ((DS3 Crossback, U))
 Learning the turbocharger ((DS3 Crossback, U))
 Bleeding the fuel presupply system ((DS3 Crossback, U))
 Initializing the EGR valve ((DS3 Crossback, U))
 Cleaning EGR valve ((DS3 Crossback, U))
 Replace brake parts ((DS3 Crossback, U))
 Initializing the rain/light sensor ((DS3 Crossback, U))
 Initializing the air metering system ((DS3 Crossback, U))
 Replace the battery. ((DS3 Crossback, U))
 Calibrating the radar sensor ((DS3 Crossback, U))
 Cleaning the EGR cooler switchover valve ((DS3 Crossback, U))
 Initializing the fuel level ((DS3 Crossback, U))
 Reactivating the emergency brake assistant ((DS3 Crossback, U))
 Bleeding the ABS/ESC system ((DS3 Crossback, U))
 Leaving the ECO mode ((DS3 Crossback, U))
 Bleeding the cooling system ((DS3 Crossback, U))
 Calibrating the camera ECU ((DS3 Crossback, U))
 Bleeding the fuel system ((DS3 Crossback, U))
 Activating the start/stop function ((DS3 Crossback, U))
 Regenerating the soot particulate filter at standstill ((DS3 Crossback, U))

| Codings

Coding the trailer hitch ((DS3 Crossback, U))
 Coding injectors ((DS3 Crossback, U))
 Locking the airbag ECU ((DS3 Crossback, U))
 Deactivating/activating the transport mode ((DS3 Crossback, U))
 Unlocking the airbag ECU ((DS3 Crossback, U))
 Registering the battery ((DS3 Crossback, U))

| Service resets

((DS3 Crossback, U))

Fiat

| Trouble codes

(500 (312), 312), (Doblo (152/263), 263)

| Parameters

(500 (312), 312), (Doblo (152/263), 263)



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Actuators	(Doblo (152/263), 263)
Basic settings	Replace diesel exhaust fluid pressure sensor ((Doblo (152/263), 263)) Resetting the diesel exhaust fluid level ((Doblo (152/263), 263)) Bleed DEF injection system ((Doblo (152/263), 263)) Replacing the lambda probe ((Doblo (152/263), 263)) Replacing the diesel exhaust fluid pump ((Doblo (152/263), 263)) Resetting engine adaptation values of auxiliary aggregates/systems ((Doblo (152/263), 263)) Regenerating the soot particulate filter ((Doblo (152/263), 263)) Performing transmission adaptations ((Doblo (152/263), 263)) Resetting learned values of diesel exhaust fluid pump ((Doblo (152/263), 263)) Reset learned values for diesel exhaust fluid tank system ((Doblo (152/263), 263)) Resetting mass airflow sensor adaptation values ((Doblo (152/263), 263)) Initializing the alternator ((Doblo (152/263), 263)) Replacing the mechanical pressure relief valve in fuel system ((Doblo (152/263), 263)) Resetting the pulse-generator ring adaptation ((Doblo (152/263), 263)) Initializing the high-pressure pump/flow control ((Doblo (152/263), 263)) Initializing the clutch pedal position ((Doblo (152/263), 263)) Replace DEF injector ((Doblo (152/263), 263)) Resetting the learned values for DEF injector ((Doblo (152/263), 263)) Deactivate power-output limitation ((500 (312), 312)) Resetting catalyst adaptation values ((Doblo (152/263), 263)) Replacing the particle filter ((Doblo (152/263), 263)) Initializing the EGR valve ((Doblo (152/263), 263)) Replace diesel exhaust fluid tank ((Doblo (152/263), 263)) Replacing the differential pressure sensor ((Doblo (152/263), 263)) Replace diesel exhaust fluid line ((Doblo (152/263), 263)) Initializing the neutral position sensor ((Doblo (152/263), 263))
Codings	Deactivating the transport mode ((500 (312), 312)) Coding injectors ((Doblo (152/263), 263))
Service resets	
Ford	
Trouble codes	(Fiesta 06, JA8), (Mondeo 04, BA7-LPG), (Tourneo Connect 03, PU2)
Parameters	(Fiesta 06, JA8), (Fiesta 07, JA8), (Mondeo 04, BA7-LPG)



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Actuators

Basic settings

Activating the tire pressure sensors ((Mondeo 04, BA7-LPG), (Mondeo 04, BA7))

Resetting fuel system adaptation values ((Fiesta 06, JA8))

Resetting engine adaptation values ((Tourneo Connect 03, JU2), (Tourneo Connect 03, PJ2), (Tourneo Connect 03, PU2), (Focus 05, DYB), (Mondeo 04, BA7))

Initializing the ABS/ESC system ((Fiesta 06, JA8))

Resetting EGR valve learning values ((Tourneo Connect 03, JU2), (Tourneo Connect 03, PJ2), (Tourneo Connect 03, PU2))

Learning the power windows ((Mondeo 04, BA7))

Initialize tire pressure sensors ((Mondeo 04, BA7-LPG), (Mondeo 04, BA7))

Resetting the indicator light "Water in fuel" ((Tourneo Connect 03, JU2), (Tourneo Connect 03, PJ2), (Tourneo Connect 03, PU2), (Focus 05, DYB), (Mondeo 04, BA7))

Resetting the A/C compressor learning values ((Fiesta 06, JA8))

Resetting oxygen sensor adaptation values ((Tourneo Connect 03, JU2), (Tourneo Connect 03, PJ2), (Tourneo Connect 03, PU2), (Fiesta 06, JA8), (Mondeo 04, BA7))

Resetting the exhaust temperature values ((Tourneo Connect 03, JU2), (Tourneo Connect 03, PJ2), (Tourneo Connect 03, PU2), (Focus 05, DYB), (Fiesta 06, JA8), (Mondeo 04, BA7))

Initializing the tilt/slide sunroof ((Mondeo 04, BA7-LPG), (Mondeo 04, BA7))

Resetting mass airflow sensor adaptation values ((Mondeo 04, BA7))

Teach-in battery sensor module ((Focus 04, DYB), (Mondeo 04, BA7), (Transit 09, FMF6), (Transit 09, FMB6), (Transit 09, FMD6), (Transit 09, FNF6), (Transit 09, FND6), (Transit 09, FNB6), (Transit 09, FNC6), (Transit 09, FNA6), (Transit 09, FDB6), (Transit 09, FDC6), (Transit 09, FDG6), (Transit 09, FED6), (Transit 09, FFA6), (Transit 09, FSF6), (Transit 09, FSG6), (Transit 09, FZE6), (Transit 09, FCC6), (Transit 09, FMC6), (Transit 09, FME6), (Transit 09, FMG6), (Transit 09, FMH6), (Transit 09, FMA6), (Transit 09, FGD6), (Transit 09, FGB6), (Transit 09, FGC6), (Transit 09, 411), (Fiesta 07, JA8), (Kuga 02, DM2), (Ecosport, JK8), (Fiesta 07, JR8), (Tourneo Connect 03, JU2), (Tourneo Connect 03, PJ2), (Fiesta 08, JJH), (Transit 09, FAE6), (Tourneo Connect 03, JN8), (Fiesta 06, JR8), (Tourneo Connect 01, PT2), (Tourneo Connect 01, PJ2), (Mondeo 05, BA7-CNG), (Galaxy 03, WA6), (S-Max 01, WA6), (C-Max 03, DXA), (B-Max, JK8), (Focus 05, DYB), (C-Max 04, DXA), (S-Max 02, WA6), (Tourneo Connect 02, PT2), (Tourneo Connect 02, PU2), (Transit 09, FAA6), (Transit 09, FAC6), (Transit 09, FAB6), (Transit 09, FBE6), (Transit 09, FDE6), (Transit 09, FSB6), (Transit 09, FSC6), (Transit 09, FSE6), (Transit 09, FAG6), (Transit 09, FAD6), (Transit 09, FAF6), (Transit 09, FDA6), (Transit 09, FDF6), (Transit 09, FSA6), (Transit 09, FCD6), (Touneo Connect 02, PH2), (Touneo Connect 02, PJ2), (Transit 09, H3), (Transit 09, 2070), (Fiesta 06, JA8), (Transit 09, EG/DH), (Transit 09, EG/EH), (Transit 09, EG/CH), (Transit 09, EG/F), (Transit 09, H2), (Transit 09, 2060), (Transit 09, X1), (Transit 09, BN), (Transit 09,), (Transit 09, fSC6), (Transit 09, 2760), (Transit 09, FEB6), (Transit 09, FEC6), (Transit 09, FEF6), (Transit 09, FEG6), (Transit 09, FFB6), (Transit 09, FFD6), (Transit 09, FFC6), (Transit 09, FFF6), (Transit 09, FFG6), (Transit 09, FFH6), (Transit 09, 421), (Ranger 04, 2AB), (Transit 10, FAC), (Transit 10, FCC), (Mondeo 05, BA7), (Mondeo 05, BA7-BIT), (Transit 10, FCD), (Transit 10, FBD), (Transit 10, FDD), (Transit 10, FED), (Transit 10, FFD), (Touneo Connect 03, PU2), (Transit 09, EG/F 002), (Transit 09, EG/DH 002), (Transit 09, EG/CH 001), (Transit 10, FAD), (Ranger 05, 2AB), (Galaxy 04, WA6), (Edge, TK), (Transit 10, 81BE), (Transit 10, SX), (Transit 10, 81), (Mondeo 05, BA7-HEV), (Focus 06, HN), (Focus 06, HP), (Transit 10, SXS), (Transit 09, FED), (Transit 09, FCC), (Transit 09, SXSf), (Transit 09, SXS), (Focus 06, HM), (Focus 06, DYB), (Mondeo 04, BA7-LPG))

Correcting straight-running stability ((Fiesta 06, JA8))



Initializing the mass airflow sensor ((Fiesta 06, JA8))

Calibrating the steering-angle sensor ((Fiesta 06, JA8), (Mondeo 04, BA7-LPG), (Mondeo 04, BA7))

Initializing the yaw rate sensor ((Fiesta 06, JA8), (Mondeo 04, BA7-LPG), (Mondeo 04, BA7))

Resetting the particulate filter learning values ((Tourneo Connect 03, JU2), (Tourneo Connect 03, PJ2), (Tourneo Connect 03, PU2), (Focus 05, DYB), (Fiesta 06, JA8), (Mondeo 04, BA7))

Regenerating the soot particulate filter ((Tourneo Connect 03, JU2), (Tourneo Connect 03, PJ2), (Tourneo Connect 03, PU2), (Focus 05, DYB), (Fiesta 06, JA8), (Mondeo 04, BA7))

Initializing the brake-pressure sensor ((Fiesta 06, JA8))

Adjust clearance of parking brake ((Fiesta 06, JA8))

Calibrating the lane departure warning system camera ((Mondeo 04, BA7-LPG), (Mondeo 04, BA7))

Resetting rail pressure ((Tourneo Connect 03, JU2), (Tourneo Connect 03, PJ2), (Tourneo Connect 03, PU2), (Focus 05, DYB), (Mondeo 04, BA7))

Initializing the yaw rate sensor ((Mondeo 04, BA7))

Initializing the lateral acceleration sensor ((Fiesta 06, JA8), (Mondeo 04, BA7))

Initializing the brake-pressure sensor ((Mondeo 04, BA7-LPG), (Mondeo 04, BA7))

Reset learned values of injectors. ((Tourneo Connect 03, JU2), (Tourneo Connect 03, PJ2), (Tourneo Connect 03, PU2), (Focus 05, DYB))

Resetting mass airflow sensor adaptation values ((Tourneo Connect 03, JU2), (Tourneo Connect 03, PJ2), (Tourneo Connect 03, PU2), (Focus 05, DYB))

Initializing the lateral acceleration sensor ((Mondeo 04, BA7-LPG), (Mondeo 04, BA7))

Resetting differential pressure sensor learning values ((Focus 04, DYB), (Tourneo Connect 03, JU2), (Tourneo Connect 03, JN8), (Focus 05, DYB), (C-Max 04, DXA), (Tourneo Connect 02, PT2), (Tourneo Connect 02, PU2), (Tourneo Connect 02, PH2), (Tourneo Connect 02, PJ2), (Tourneo Connect 03, PJ2), (Tourneo Connect 03, PU2), (Mondeo 05, BA7-CNG), (Mondeo 05, BA7), (Fiesta 06, JA8), (Mondeo 04, BA7))

Teach-in gearshift fork system ((Mondeo 04, BA7-LPG), (Mondeo 04, BA7))

Resetting EGR valve learning values ((Focus 05, DYB), (Fiesta 06, JA8), (Mondeo 04, BA7))

Teach-in clutch system ((Mondeo 04, BA7-LPG), (Mondeo 04, BA7))

Adjusting the headlights ((Mondeo 04, BA7-LPG), (Mondeo 04, BA7))

Learning the power windows ((Mondeo 04, BA7-LPG), (Mondeo 04, BA7))

Resetting the variable turbocharger adaptation values ((Tourneo Connect 03, JU2), (Tourneo Connect 03, PJ2), (Tourneo Connect 03, PU2), (Focus 05, DYB), (Fiesta 06, JA8), (Mondeo 04, BA7))

Resetting the intake manifold flap learning values ((Tourneo Connect 03, JU2), (Tourneo Connect 03, PJ2), (Tourneo Connect 03, PU2), (Focus 05, DYB), (Fiesta 06, JA8), (Mondeo 04, BA7))

Adapting the variable camshaft timing ((Mondeo 04, BA7))

Bleeding the ABS hydraulic unit ((Fiesta 06, JA8))

Adapting the longitudinal acceleration sensor ((Fiesta 06, JA8), (Mondeo 04, BA7-LPG), (Mondeo 04, BA7))

Special bleeding ((Mondeo 04, BA7-LPG), (Mondeo 04, BA7))



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Codings	Coding injectors ((Tourneo Connect 03, PJ2), (Tourneo Connect 03, PU2), (Focus 05, DYB), (Fiesta 06, JA8), (Mondeo 04, BA7)) Coding the remote control ((Mondeo 04, BA7-LPG), (Mondeo 04, BA7))
Service resets	(Fiesta 06, JA8), (Focus 06, HP), (Mondeo 04, BA7)
Hyundai	
Trouble codes	(H-1 / Starex, A1), (i30 / i30cw, PD), (Tucson, TL)
Parameters	(H-1 / Starex, A1), (H-1 / Starex, TQ), (i30 / i30cw, PD), (Tucson, TL)
Actuators	(H-1 / Starex, A1), (H-1 / Starex, TQ), (i30 / i30cw, PD), (Ioniq, AE), (Ioniq, AE HEV), (Tucson, TL)
Basic settings	Resetting engine adaptation values ((i30 / i30cw, PD), (Tucson, TL)) Resetting rail pressure ((Tucson, TL)) Learning the lambda sensor ((Tucson, TL)) Bleeding the fuel system ((Tucson, TL)) Adapting the diesel exhaust fluid tank ((Tucson, TL)) Learning the throttle valve ((Tucson, TL)) Initializing the differential pressure sensor ((Tucson, TL)) Adapting the longitudinal acceleration sensor ((Tucson, TL)) Calibrate radar dynamically ((Tucson, TL)) Standardizing the liftgate ((Tucson, TL)) Initializing the swirl control valve ((Tucson, TL)) Initializing the mass airflow sensor ((Tucson, TL)) Calibrating the steering-angle sensor ((i30 / i30cw, PD), (Tucson, TL)) Learning the steering-angle sensor ((i30 / i30cw, PD)) Adapting the longitudinal acceleration sensor ((i30 / i30cw, PD)) Reset learning values ((Tucson, TL)) Regenerating the soot particulate filter ((i30 / i30cw, PD), (Tucson, TL)) Resetting gearbox learning values ((Tucson, TL)) Resetting gearbox learning values ((H-1 / Starex, A1)) Rotorpositionssensor anlernen ((Kona, OS)) Replacing engine parts ((Tucson, TL)) Teach-in clutch system ((Tucson, TL)) Resetting EGR valve learning values ((Tucson, TL)) Adapting the accelerator sensor ((Tucson, TL)) Replace the battery. ((Kona, OS))



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Diagnostic devices



Fahrprofil zurücksetzen ((Kona, OS))
 Resetting adaptation values of ABS ECU ((Tucson, TL))
 Bleeding the brake system ((i30 / i30cw, PD), (Tucson, TL))
 Configuring the lane change assist ((Tucson, TL))
 Filling/bleeding the diesel exhaust fluid line ((Tucson, TL))
 Initializing the diesel exhaust fluid pump module ((Tucson, TL))
 De/activating the parking brake service mode ((i30 / i30cw, PD), (Tucson, TL))
 Bleeding the cooling system ((Kona, OS))
 Replacing the particle filter ((i30 / i30cw, PD), (Tucson, TL))
 Calibrating the camera ECU ((i30 / i30cw, PD), (Tucson, TL))
 Bleeding the ABS hydraulic unit ((H-1 / Starex, TQ))
 Initializing the diesel exhaust fluid injector ((Tucson, TL))

| Codings

Coding injectors ((i30 / i30cw, PD), (Tucson, TL))
 Coding the wheel valves ((i30 / i30cw, PD), (Tucson, TL))

| Service resets

(i30 / i30cw, PD), (Tucson, TL)

Jeep

| Trouble codes

(Compass, MP), (Compass, MX)

| Parameters

(Compass, MP), (Compass, MX)

| Actuators

| Basic settings

Calibrating the front camera ((Compass, MX), (Compass, MP))

| Codings

| Service resets

Kia

| Trouble codes

(Cee'd / Pro Cee'd, CD), (Sportage, QL)

| Parameters

(Cee'd / Pro Cee'd, CD), (Sportage, QL)

| Actuators

(Cee'd / Pro Cee'd, CD), (Sportage, QL)

| Basic settings

Adapting the longitudinal acceleration sensor ((Cee'd / Pro Cee'd, CD))
 Adapting the accelerator sensor ((Rio, UB))
 Learning the lambda sensor ((Rio, UB))



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Diagnostic devices



Adapting the swirl control valve ((Cee'd / Pro Cee'd, JD))
 Initializing the EGR valve ((Cee'd / Pro Cee'd, JD))
 Bleeding the fuel system ((Rio, UB))
 Learning the throttle valve ((Rio, UB))
 Initializing the fuel high-pressure sensor ((Rio, UB))
 Initializing the mass airflow sensor ((Rio, UB))
 Learning the turbocharger ((Rio, UB), (Cee'd / Pro Cee'd, JD))
 Calibrating the steering-angle sensor ((Cee'd / Pro Cee'd, CD))
 Learning the steering-angle sensor ((Cee'd / Pro Cee'd, CD))
 De/activating the electric parking brake service mode ((Cee'd / Pro Cee'd, CD))
 Regenerating the soot particulate filter ((Rio, UB), (Cee'd / Pro Cee'd, CD))
 Rotorpositionssensor anlernen ((Niro, DE HEV))
 Teach-in clutch system ((Cee'd / Pro Cee'd, CD))
 Resetting engine adaptation values ((Cee'd / Pro Cee'd, CD))
 Replace the battery. ((Niro, DE HEV))
 Fahrprofil zurücksetzen ((Niro, DE HEV))
 Initializing the swirl flap ((Rio, UB))
 Standardizing the liftgate ((Cee'd / Pro Cee'd, CD))
 Configuring the lane change assist ((Sorento, UM), (Cee'd / Pro Cee'd, CD))
 Resetting throttle valve adaptation values ((Cee'd / Pro Cee'd, JD))
 Replacing the particle filter ((Rio, UB), (Cee'd / Pro Cee'd, CD))
 Initializing the EGR valve ((Rio, UB))
 Bleeding the brake system ((Cee'd / Pro Cee'd, CD))

| Codings

Coding the power steering ((Cee'd / Pro Cee'd, CD))
 Coding the power steering ECU ((Cee'd / Pro Cee'd, CD))

| Service resets

((Cee'd / Pro Cee'd, CD))

MAN

| Trouble codes

| Parameters

| Actuators

| Basic settings

Initializing the alternator ((TGE, UZ), (TGE, UY))



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Diagnostic devices



- | Codings
- | Service resets

Mazda

- | Trouble codes
- | Parameters
- | Actuators
- | Basic settings Initializing the brake-pressure sensor ((Mazda 3, BK))
- | Codings
- | Service resets

Mercedes

- | Trouble codes (A-Klasse, 177002), (C-Klasse, 203040,203240,203740), (C-Klasse, 203045,203745), (CLK-Klasse, 209342), (E-Klasse, 211042,211242), (E-Klasse, 213011), (E-Klasse, 213016), (G-Klasse, 463277), (GLA-Klasse, 247), (Sprinter, 906735,906733,906731), (Sprinter, 910040,910141,910143,910143,910641,910643), (V-Klasse, 447601,447603,447605,447701,447703,447705)
- | Parameters (A-Klasse, 177087,177187), (B-Klasse, 247086), (C-Klasse, 203040,203240,203740), (C-Klasse, 203045,203745), (CLA-Klasse, 118384), (CLK-Klasse, 209342), (E-Klasse, 211042,211242), (E-Klasse, 213050), (EQC, 293890,293891), (GLA-Klasse, 247746), (GLB-Klasse, 247687), (GLC-Klasse, 253946), (GLE-Klasse, 167119), (GLS-Klasse, 167921), (Sprinter, 906735,906733,906731), (Sprinter, 907631,907633,907635,907637,907731,907733,907735,907737), (V-Klasse, 447601,447603,447605,447701,447703,447705)
- | Actuators (A-Klasse, 177087,177187), (B-Klasse, 247045), (C-Klasse, 203040,203240,203740), (C-Klasse, 203045,203745), (CLA-Klasse, 118384), (CLK-Klasse, 209342), (E-Klasse, 211042,211242), (GLA-Klasse, 247746), (GLB-Klasse, 247687), (GLC-Klasse, 253946)
- | Basic settings Initializing the adaptive cruise control ((A-Klasse, 177002))
Adjusting the headlights ((Sprinter, 910040,910141,910143,910143,910641,910643))
Learning the power windows ((Sprinter, 910040,910141,910143,910143,910641,910643))
Basic initialisation ((C-Klasse, 203045,203745), (C-Klasse, 203735), (C-Klasse, 203747), (C-Klasse, 203245), (C-Klasse, 203035), (C-Klasse, 203235))
Resetting adaptation values of the short-range radar ((A-Klasse, 177002))
Resetting the mixture adjustment ((C-Klasse, 203045,203745), (C-Klasse, 203735), (C-Klasse, 203747), (C-Klasse, 203245), (CLK-Klasse, 209342), (C-Klasse, 203046,203746), (C-Klasse, 203042,203742), (C-Klasse, 203246), (C-Klasse, 203242), (C-Klasse, 203040,203740), (E-Klasse, 211042,211242), (CLK-Klasse, 209442), (C-Klasse, 203240), (C-



Diagnostic devices

Klasse, 203040), (C-Klasse, 203040,203240,203740), (C-Klasse, 203042,203242,203742), (C-Klasse, 203046,203246,203746), (E-Klasse, 211041,211241), (C-Klasse, 203046,203246), (C-Klasse, 203035), (C-Klasse, 203235), (C-Klasse, 203746), (E-Klasse, 211241), (E-Klasse, 211041), (C-Klasse, 203742), (E-Klasse,))

Learning the recirculation air flap stop ((C-Klasse, 203045,203745), (C-Klasse, 203735), (C-Klasse, 203747), (C-Klasse, 203245), (C-Klasse, 203035), (C-Klasse, 203235))

Calibrating the camera ECU ((Sprinter, 910040,910141,910143,910143,910641,910643), (A-Klasse, 177002))

Learning the charge-air flap stop ((CLK-Klasse, 209342), (C-Klasse, 203046,203746), (C-Klasse, 203042,203742), (C-Klasse, 203246), (C-Klasse, 203242), (C-Klasse, 203040,203740), (E-Klasse, 211042,211242), (CLK-Klasse, 209442), (C-Klasse, 203240), (C-Klasse, 203040), (C-Klasse, 203040,203240,203740), (C-Klasse, 203042,203242,203742), (C-Klasse, 203046,203246,203746), (E-Klasse, 211041,211241), (C-Klasse, 203046,203246), (C-Klasse, 203746), (E-Klasse, 211241), (E-Klasse, 211041), (C-Klasse, 203742), (E-Klasse,))

Readapting trigger wheel ((C-Klasse, 203045,203745), (C-Klasse, 203735), (C-Klasse, 203747), (C-Klasse, 203245), (CLK-Klasse, 209342), (C-Klasse, 203046,203746), (C-Klasse, 203042,203742), (C-Klasse, 203246), (C-Klasse, 203242), (C-Klasse, 203040,203740), (E-Klasse, 211042,211242), (CLK-Klasse, 209442), (C-Klasse, 203240), (C-Klasse, 203040), (C-Klasse, 203040,203240,203740), (C-Klasse, 203042,203242,203742), (C-Klasse, 203046,203246,203746), (E-Klasse, 211041,211241), (C-Klasse, 203046,203246), (C-Klasse, 203035), (C-Klasse, 203235), (C-Klasse, 203746), (E-Klasse, 211241), (E-Klasse, 211041), (C-Klasse, 203742), (E-Klasse,))

Learning throttle valve stop ((C-Klasse, 203045,203745), (C-Klasse, 203735), (C-Klasse, 203747), (C-Klasse, 203245), (CLK-Klasse, 209342), (C-Klasse, 203046,203746), (C-Klasse, 203042,203742), (C-Klasse, 203246), (C-Klasse, 203242), (C-Klasse, 203040,203740), (E-Klasse, 211042,211242), (CLK-Klasse, 209442), (C-Klasse, 203240), (C-Klasse, 203040), (C-Klasse, 203040,203240,203740), (C-Klasse, 203042,203242,203742), (C-Klasse, 203046,203246,203746), (E-Klasse, 211041,211241), (C-Klasse, 203046,203246), (C-Klasse, 203035), (C-Klasse, 203235), (C-Klasse, 203746), (E-Klasse, 211241), (E-Klasse, 211041), (C-Klasse, 203742), (E-Klasse,))

Resetting the pulse-generator ring adaptation ((C-Klasse, 203045,203745), (C-Klasse, 203735), (C-Klasse, 203747), (C-Klasse, 203245), (CLK-Klasse, 209342), (C-Klasse, 203046,203746), (C-Klasse, 203042,203742), (C-Klasse, 203246), (C-Klasse, 203242), (C-Klasse, 203040,203740), (E-Klasse, 211042,211242), (CLK-Klasse, 209442), (C-Klasse, 203240), (C-Klasse, 203040), (C-Klasse, 203040,203240,203740), (C-Klasse, 203042,203242,203742), (C-Klasse, 203046,203246,203746), (E-Klasse, 211041,211241), (C-Klasse, 203046,203246), (C-Klasse, 203035), (C-Klasse, 203235), (C-Klasse, 203746), (E-Klasse, 211241), (E-Klasse, 211041), (C-Klasse, 203742), (E-Klasse,))

Codings

Coding the blower control ((C-Klasse, 203045,203745), (C-Klasse, 203735), (C-Klasse, 203747), (C-Klasse, 203245), (CLK-Klasse, 209342), (CLK-Klasse, 209442), (C-Klasse, 203035), (C-Klasse, 203235))

Coding the fuel quantity ((C-Klasse, 203045,203745), (C-Klasse, 203735), (C-Klasse, 203747), (C-Klasse, 203245), (CLK-Klasse, 209342), (CLK-Klasse, 209442), (C-Klasse, 203035), (C-Klasse, 203235))

Coding the rain/light sensor ((Sprinter, 910040,910141,910143,910143,910641,910643), (A-Klasse, 177002))

Coding the fuel quality ((C-Klasse, 203045,203745), (C-Klasse, 203735), (C-Klasse, 203747), (C-Klasse, 203245), (CLK-Klasse, 209342), (CLK-Klasse, 209442), (C-Klasse, 203035), (C-Klasse, 203235))

Service resets



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Diagnostic devices



Opel/Vauxhall

Trouble codes	(Movano-B, X62B)
Parameters	(Movano-B, X62B)
Actuators	(Crossland X, P17), (Grandland X, A18)
Basic settings	Initializing the high-pressure fuel pump ((Movano-B, X62B)) Resetting the soot particulate filter ((Movano-B, X62B)) Initializing the clutch pedal position ((Movano-B, X62B)) Learning the brake pedal position ((Movano-B, X62B)) Initializing the EGR valve ((Movano-B, X62B)) Initializing the mass airflow sensor ((Movano-B, X62B)) Retracting parking brake ((Combo-E, X19), (Crossland X, P17), (Grandland X, A18)) Learning the crankshaft position ((Movano-B, X62B)) Learning the throttle valve ((Movano-B, X62B)) Learning the lambda sensor ((Movano-B, X62B)) Regenerating the soot particulate filter ((Movano-B, X62B)) Initializing the fuel injector for soot particulate filter ((Movano-B, X62B)) Resetting the air-fuel ratio adaptation values ((Movano-B, X62B)) Resetting the indicator light "Water in fuel" ((Movano-B, X62B)) Reset learned values of the EGR bypass valve ((Movano-B, X62B)) Initializing the fuel pressure sensor or the fuel rail ((Movano-B, X62B)) Learning the turbocharger ((Movano-B, X62B)) Initializing the differential pressure sensor ((Movano-B, X62B)) Resetting the impact mode ((Movano-B, X62B)) Resetting starter learning values ((Movano-B, X62B))
Codings	Setting the speed limiter ((Movano-B, X62B)) Coding injectors ((Movano-B, X62B)) Coding the idle rpm ((Movano-B, X62B))
Service resets	(Movano-B, X62B)

Peugeot

Trouble codes	(2008, U), (208, U), (Partner-III, 7)
Parameters	(2008, U), (208, U), (Partner-III, 7)
Actuators	(2008, U), (208, U), (Partner-III, 7)



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Diagnostic devices



Basic settings	Adapting the longitudinal acceleration sensor ((208, U), (2008, U))
	Calibrating the radar sensor ((208, U), (2008, U))
	Adapting the EGR flap ((Partner-III, 7))
	Bleeding the ABS/ESC system ((208, U), (2008, U))
	Leaving the ECO mode ((208, U), (2008, U))
	Locking the airbag ECU ((208, U), (2008, U))
	Learning the steering-angle sensor ((208, U), (2008, U))
	Reactivating the emergency brake assistant ((208, U), (2008, U))
	Replacing the particle filter ((Partner-III, 7))
	Calibrating the camera ECU ((Partner-IV, E), (208, U), (2008, U))
	Initializing the EGR valve ((Partner-III, 7))
	Initializing the rain/light sensor ((208, U), (2008, U))
	Regenerating the soot particulate filter during driving ((Partner-III, 7))
	((Rifter, E), (508, F), (Partner-IV, E), (208, U), (2008, U))
	Regenerating the soot particulate filter at standstill ((Partner-III, 7))
	Unlocking the airbag ECU ((208, U), (2008, U))
	Resetting the counter of fragrance cartridge block ((208, U), (2008, U))
	Initializing the A/C flap actuators ((208, U), (2008, U))
	Resetting headlight leveling adaptation values ((208, U), (2008, U))
Codings	Coding the regeneration additive quantity ((Partner-III, 7))
	Coding injectors ((Partner-III, 7))
	Deactivating/activating the transport mode ((208, U), (2008, U))
Service resets	((2008, U), (208, U))

Porsche

Trouble codes	
Parameters	(Panamera (971), 971)
Actuators	(Panamera (971), 971)
Basic settings	Initializing the sunroof actuator ((Panamera (971), 971), (Cayenne (9Yx), 9YA), (Cayenne (9Yx), 9YB))
Codings	Coding the parking brake ECU ((Cayenne (92A), 92A), (Panamera (970), 970), (911 (991), 991), (Boxster (981), 981), (Cayman (981), 981), (Boxster 718 (982), 982), (Cayman 718 (982), 982))
Service resets	



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Diagnostic devices



Renault

Trouble codes	(Captur-II, RJB), (Clio-V, RJA), (Kangoo-II, KW06,KW12,FW06,FW12), (Twingo-I, C066)
Parameters	(Captur-II, RJB), (Clio-V, RJA), (Kangoo-II, KW06,KW12,FW06,FW12), (Twingo-I, C066)
Actuators	(Captur-II, RJB), (Clio-V, RJA), (Kangoo-II, KW06,KW12,FW06,FW12)
Basic settings	Initializing the starter ring gear ((Captur-II, RJB)) Calibrate radar dynamically ((Clio-V, RJA), (Captur-II, RJB)) Initializing the diesel exhaust fluid pump module ((Trafic-III, JGML,FGML), (Trafic-III, JGMH,EGMH), (Trafic-III, JGMJ,FGMR), (Trafic-III, JGMK,JGMS,FGMK), (Trafic-III, JGMN), (Trafic-III, JGML,FGML,EGML)) Adapting the camshaft ((Captur-II, RJB)) Resetting learned values of NOx adsorption catalyst ((Trafic-III, JGML,FGML), (Trafic-III, JGMH,EGMH), (Trafic-III, JGMJ,FGMR), (Trafic-III, JGMK,JGMS,FGMK), (Trafic-III, JGMN), (Trafic-III, JGML,FGML,EGML)) Learning throttle valve stop ((Captur-II, RJB)) Calibrating the steering-angle sensor ((Kangoo-II, KW06,KW12,FW06,FW12)) Learning the steering-angle sensor ((Clio-V, RJA), (Captur-II, RJB)) De/activating the parking brake service mode ((Clio-V, RJA), (Captur-II, RJB)) Resetting the diesel exhaust fluid level ((Trafic-III, JGML,FGML), (Trafic-III, JGMH,EGMH), (Trafic-III, JGMJ,FGMR), (Trafic-III, JGMK,JGMS,FGMK)) Calibrating rear radar sensors ((Clio-V, RJA), (Captur-II, RJB)) Regenerating the soot particulate filter ((Kangoo-II, KW06,KW12,FW06,FW12)) Bleeding the ABS hydraulic unit ((Clio-V, RJA), (Kangoo-II, KW06,KW12,FW06,FW12), (Captur-II, RJB)) Initializing the diesel exhaust fluid injector ((Trafic-III, JGML,FGML), (Trafic-III, JGMH,EGMH), (Trafic-III, JGMJ,FGMR), (Trafic-III, JGMK,JGMS,FGMK), (Trafic-III, JGMN), (Trafic-III, JGML,FGML,EGML)) Adapting the diesel exhaust fluid tank ((Trafic-III, JGML,FGML), (Trafic-III, JGMH,EGMH), (Trafic-III, JGMJ,FGMR), (Trafic-III, JGMK,JGMS,FGMK), (Trafic-III, JGMN), (Trafic-III, JGML,FGML,EGML)) Calibrating the camera ECU ((Clio-V, RJA), (Captur-II, RJB)) Resetting learned values of steering angle sensor ((Kangoo-II, KW06,KW12,FW06,FW12)) Learning the turbocharger ((Captur-II, RJB)) Resetting starter learning values ((Captur-II, RJB)) Resetting camshaft adaptation values ((Captur-II, RJB))



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Diagnostic devices



Codings	Coding the language version ((Clio-V, RJA), (Kangoo-II, KW06,KW12,FW06,FW12), (Captur-II, RJB)) Coding injectors ((Kangoo-II, KW06,KW12,FW06,FW12)) Locking the airbag ECU ((Kangoo-II, KW06,KW12,FW06,FW12)) Coding the tire size ((Clio-V, RJA), (Captur-II, RJB)) Switching on/off the automatic parking brake application ((Captur-II, RJB), (Clio-V, RJA)) Adapting the trailer hitch to advanced driver assistance systems ((Clio-V, RJA), (Captur-II, RJB)) Unlocking the airbag ECU ((Kangoo-II, KW06,KW12,FW06,FW12)) Coding instrument cluster units ((Clio-V, RJA), (Captur-II, RJB))
Service resets	(Kangoo-II, KW06,KW12,FW06,FW12)
Seat	
Trouble codes	(Alhambra, 71), (Arona, KJ), (Arosa, 6H), (Leon, 5F), (Leon, KL)
Parameters	(Alhambra, 71), (Arona, KJ), (Arosa, 6H), (Leon, 5F), (Leon, KL)
Actuators	(Alhambra, 71), (Arona, KJ), (Arosa, 6H), (Leon, 5F), (Leon, KL)
Basic settings	Initializing the adaptive cruise control ((Alhambra, 71), (Leon, 5F), (Arona, KJ)) Initializing the lateral acceleration sensor ((Leon, 1P)) Regenerating the soot particulate filter ((Alhambra, 71), (Leon, 5F)) Resetting engine adaptation values ((Alhambra, 71), (Leon, 5F)) Initializing the ESC sensors ((Leon, 5F), (Arona, KJ)) Reset learned values of injectors. ((Leon, 5F)) Adapting the electronic damper control ((Leon, 5F), (Ateca, KH), (Tarraco, KN), (Leon, KL)) Bleeding the fuel system ((Alhambra, 71), (Leon, 5F)) Burning off aux. heater/independent car heater ((Leon, 5F)) Performing transmission adaptations ((Leon, 5F), (Arona, KJ)) Initializing the seat belt tensioner ECU ((Leon, 5F), (Arona, KJ)) Performing engine adaptations ((Alhambra, 71)) Initialize actuator of coolant temperature control ((Leon, 5F)) Adapting the soot particulate filter ((Alhambra, 71), (Leon, 5F)) Calibrating the steering-angle sensor ((Leon, 5F)) Learning the steering-angle sensor ((Arona, KJ)) Learning the throttle valve ((Leon, 5F)) Adapting the longitudinal acceleration sensor ((Toledo, 5P), (Leon, 1P)) Initializing the brake-pressure sensor ((Leon, 5F))



Diagnostic devices

Initializing the boost pressure regulator ((Leon, 5F))
Unlocking aux. heater/independent car heater ((Leon, 5F))
Adapting the exhaust gas pressure sensor ((Alhambra, 71))
Initializing the tilt/slide sunroof ((Alhambra, 71), (Leon, 5F), (Ateca, KH), (Ibiza, KJ), (Tarraco, KN), (Leon, KL))
Retracting parking brake ((Leon, 5F))
Reducing fuel high pressure ((Leon, 5F))
Initializing the A/C flap actuators ((Leon, KL))
Initializing the alternator ((Leon, 5F), (Toledo, KG), (Ateca, KH), (Ibiza, KJ), (Arona, KJ), (Tarraco, KN))
Activating the retrofitted parking heater ((Leon, 5F))
Adapting the radiator shutter ((Alhambra, 71), (Leon, 5F))
Adapting the electronic climate control ((Leon, 5F), (Arona, KJ))
Initialize 4WD clutch oil pump ((Leon, 5F))
Adjust headlight with/without dynamic light control (DLA) ((Leon, 5F))
Resetting timing chain adaptation values ((Leon, 5F))
Resetting the impact mode ((Leon, 5F), (Arona, KJ))
Initializing the neutral position sensor ((Leon, 5F))
Initializing the clutch pedal position ((Leon, 5F), (Ateca, KH), (Tarraco, KN))
Initializing the EGR valve ((Toledo, 5P), (Inca, 6K), (Toledo, 1M), (Arosa, 6H), (Cordoba, 6K), (Altea, 5P), (Leon, 1P), (Alhambra, 7V), (Ibiza, 6L), (Cordoba, 6L), (Ibiza, 6J))
Adjusting the headlights ((Ibiza, 6J), (Arona, KJ))
Adapting oil pressure for engine run-in ((Alhambra, 71), (Leon, 5F))
Bleeding the cooling system ((Alhambra, 71), (Mii, KE), (Leon, 5F), (Leon, KL))
Calibrating the camera ECU ((Leon, 5F))
Adapting the fuel burning heater remote control ((Leon, 5F))
Extending parking brake ((Leon, 5F))
Adapting the DEF injection system ((Alhambra, 71))
Unlocking aux. heater/independent car heater ((Leon, 5F))
Performing the initial run-in of the air conditioning compressor ((Leon, 5F), (Arona, KJ))
Calibrating the parking brake ((Leon, 5F))

Codings

Adjust parking assistance volume ((Leon, 5F), (Arona, KJ))
General ECU replacement ((Leon, 5F), (Arona, KJ))
Coding the language version ((Leon, 5F), (Arona, KJ))
De/activating the trailer hitch ((Leon, 5F), (Arona, KJ))
Expert mode ECU coding ((Leon, 5F), (Arona, KJ))
Coding the rain/light sensor ((Mii, KF), (Mii, KE), (Leon, 5F), (Arona, KJ))
Registering the battery ((Leon, 5F), (Arona, KJ))



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Deactivating/activating the transport mode ((Leon, 5F), (Arona, KJ))
 Coding the trailer detection ((Leon, 5F), (Arona, KJ))
 Replacing the headlight/power module ((Leon, 5F))
 De-/activating the cruise control ((Arona, KJ), (Leon, 5F))
 Coding the headlight leveling system ((Ibiza, 6J))
 Adapting the trailer hitch to advanced driver assistance systems ((Leon, 5F), (Arona, KJ))
 Adapting the power steering after replacement ((Alhambra, 71))
 Coding injectors ((Alhambra, 71))
 Coding the gateway installation list ((Leon, 5F), (Arona, KJ))

| **Service resets** (Arona, KJ), (Leon, 5F)

Skoda

| **Trouble codes** (Kodiaq, NS), (Octavia, NX), (Superb, 3V)

| **Parameters** (Kodiaq, NS), (Octavia, NX), (Superb, 3V)

| **Actuators** (Kodiaq, NS), (Octavia, NX), (Superb, 3V)

| **Basic settings**

- Initializing the adaptive cruise control ((Kodiaq, NS), (Superb, 3V))
- Resetting the start inhibitor of DEF injection system ((Kodiaq, NS), (Superb, 3V))
- Regenerating the soot particulate filter ((Kodiaq, NS), (Octavia, NX), (Superb, 3V))
- Initializing the oxidation catalyst ((Kodiaq, NS), (Superb, 3V))
- Reset learned values of injectors. ((Octavia, NX))
- Adapting the electronic damper control ((Kodiaq, NS), (Octavia, 5E), (Superb, 3V), (Karoq, NU), (Octavia, NX))
- Bleeding the fuel system ((Kodiaq, NS), (Octavia, NX), (Superb, 3V))
- Burning off aux. heater/independent car heater ((Kodiaq, NS), (Octavia, NX), (Superb, 3V))
- Performing transmission adaptations ((Kodiaq, NS), (Superb, 3V))
- Initializing the seat belt tensioner ECU ((Kodiaq, NS), (Superb, 3V))
- Performing engine adaptations ((Kodiaq, NS), (Superb, 3V))
- Adapt the intake manifold flap ((Octavia, 1Z))
- Adapting the soot particulate filter ((Kodiaq, NS), (Octavia, NX), (Superb, 3V))
- Learning the steering-angle sensor ((Kodiaq, NS))
- Learning the throttle valve ((Octavia, NX))
- Learning the steering-angle sensor ((Superb, 3V))
- Initializing the tilt/slide sunroof ((Yeti, 5L), (Octavia, 1U), (Fabia, 6Y), (Octavia, 1Z), (Kodiaq, NS), (Fabia, 54), (Superb, 3T), (Octavia, 5E), (Superb, 3V), (Karoq, NU), (Scala, NW), (Kamiiq, NW), (Fabia,), (Fabia, 5J), (Octavia, NX))
- Initializing the brake-pressure sensor ((Kodiaq, NS), (Superb, 3V))



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Initializing the adaptive cruise control ((Octavia, NX))
Performing the initial run-in of the air conditioning compressor ((Kodiaq, NS), (Octavia, NX))
Retracting parking brake ((Kodiaq, NS), (Superb, 3V))
Reducing fuel high pressure ((Octavia, NX))
Initializing the A/C flap actuators ((Octavia, NX), (Superb, 3V))
Initializing the alternator ((Kodiaq, NS), (Rapid, NH), (Octavia, 5E), (Fabia, NJ), (Superb, 3V), (Karoq, NU), (Kamiq, NW))
Activating the retrofitted parking heater ((Kodiaq, NS), (Octavia, NX), (Superb, 3V))
Adapting the radiator shutter ((Octavia, NX))
Initializing the ESC sensors ((Kodiaq, NS), (Superb, 3V))
Adapting the electronic climate control ((Kodiaq, NS))
Initialize 4WD clutch oil pump ((Kodiaq, NS), (Superb, 3V))
Resetting the diesel exhaust fluid level ((Kodiaq, NS), (Superb, 3V))
Resetting the impact mode ((Rapid, NH), (Kodiaq, NS), (Rapid, NA), (Superb, 3V))
Initializing the neutral position sensor ((Octavia, NX))
Initializing the clutch pedal position ((Kodiaq, NS), (Octavia, 5E), (Superb, 3V), (Karoq, NU))
Initializing the EGR valve ((Octavia, 1U), (Octavia, 1Z), (Fabia, 6Y), (Roomster, 5J), (Fabia, 54), (Superb, 3T), (Superb, 3U))
Adjusting the headlights ((Octavia, NX), (Superb, 3V))
Bleeding the cooling system ((Citigo, NE), (Kodiaq, NS), (Octavia, NX), (Superb, 3V))
Calibrating the camera ECU ((Kodiaq, NS), (Octavia, NX), (Superb, 3V))
Adapting the fuel burning heater remote control ((Kodiaq, NS), (Octavia, NX), (Superb, 3V))
Extending parking brake ((Kodiaq, NS), (Superb, 3V))
Adapting the DEF injection system ((Yeti, 5L))
Unlocking aux. heater/independent car heater ((Kodiaq, NS), (Octavia, NX), (Superb, 3V))
Adjust headlight with/without dynamic light control (DLA) ((Kodiaq, NS))
Calibrating the parking brake ((Kodiaq, NS), (Superb, 3V))

| Codings

Adjust parking assistance volume ((Kodiaq, NS), (Superb, 3V))
General ECU replacement ((Kodiaq, NS), (Superb, 3V))
Coding the language version ((Kodiaq, NS), (Superb, 3V))
Registering the battery ((Kodiaq, NS), (Superb, 3V))
Expert mode ECU coding ((Kodiaq, NS), (Superb, 3V))
Coding the rain/light sensor ((Citigo, NF), (Citigo, NE), (Kodiaq, NS), (Octavia, NX), (Superb, 3V))
Deactivating/activating the transport mode ((Kodiaq, NS), (Superb, 3V))
Coding the trailer detection ((Kodiaq, NS), (Superb, 3V))
Coding the headlight leveling system ((Roomster, 5J))
Adapting the trailer hitch to advanced driver assistance systems ((Kodiaq, NS), (Superb, 3V))



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Coding injectors ((Kodiaq, NS), (Superb, 3V))
 De/activating the trailer hitch ((Kodiaq, NS), (Superb, 3V))
 Coding the gateway installation list ((Kodiaq, NS), (Superb, 3V))

| **Service resets** (Kodiaq, NS), (Octavia, NX), (Superb, 3V)

Suzuki

| **Trouble codes** (Vitara, LY)

| **Parameters** (Vitara, LY)

| **Actuators** (Vitara, LY)

| **Basic settings** Calibrating the radar sensor ((Vitara, LY))
 Initializing the electronic stability control sensors ((Vitara, LY))
 Initializing ride height sensors ((Vitara, LY))
 Initializing the neutral position sensor ((Vitara, LY))

| **Codings**

| **Service resets** (Vitara, LY)

Toyota

| **Trouble codes** (Hiace, GDH320), (Hiace, GRH320), (Hilux, GUN1), (Hilux, GUN126), (Hilux, GUN136,GUN156), (Hilux, TGN126), (Prius, ZVW41L), (RAV 4, ASA44), (RAV 4, ASA44R), (Yaris, KSP130L)

| **Parameters** (Hiace, GDH320), (Hiace, GRH320), (Hilux, GUN1), (Hilux, GUN126), (Hilux, GUN136,GUN156), (Hilux, TGN126), (Prius, ZVW41L), (RAV 4, ASA44), (RAV 4, ASA44R), (Yaris, KSP130L)

| **Actuators** (Hiace, GDH320), (Hiace, GRH320), (Hilux, GUN1), (Hilux, GUN126), (Hilux, GUN136,GUN156), (Hilux, TGN126), (Prius, ZVW41L), (RAV 4, ASA44R), (Yaris, KSP130L)

| **Basic settings** Calibrating the radar sensor ((Hilux, TGN126), (Hilux, GUN136,GUN156), (Hilux, GUN126), (Hilux, GUN1), (Prius, ZVW41L))
 Initializing the yaw rate sensor ((Yaris, KSP130L), (Hilux, TGN126), (Hilux, GUN136,GUN156), (Hilux, GUN126), (Hilux, GUN1), (Prius, ZVW41L), (RAV 4, ASA44R))
 Bleeding the brake system ((Prius, ZVW41L), (RAV 4, ASA44R))
 Adjusting the headlights ((Hilux, TGN126), (Hilux, GUN136,GUN156), (Hilux, GUN126), (Hilux, GUN1), (Hiace, GDH320), (Hiace, GRH320))
 Initializing the air distribution flaps ((Yaris, KSP130L), (Hilux, TGN126), (Hilux, GUN136,GUN156), (Hilux, GUN126), (Hilux, GUN1), (Hiace, GDH320), (Hiace, GRH320))



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Calibrating front radar sensors ((RAV 4, ZSA44), (RAV 4, ALA49), (RAV 4, ALA40), (RAV 4, ASA44), (RAV 4, ALA41), (RAV 4, ZSA44L), (RAV 4, ZSA4), (Yaris, MXHP10), (Yaris, MXPA11), (RAV 4, ASA44R), (Hiace, GDH320), (Hiace, GRH320))

De-energizing the hybrid/electric vehicle ((Prius, ZVW41L))

Learning the steering-angle sensor ((Yaris, KSP130L), (Prius, ZVW41L))

Learning the throttle valve ((Yaris, KSP130L))

Start authorization upon battery replacement ((Prius, ZVW41L))

Activating the roller test stand mode ((Yaris, KSP130L))

Releasing the hybrid drive ((Prius, ZVW41L))

Calibrating the camera ECU ((RAV 4, ALA49), (RAV 4, ALA40), (RAV 4, ASA44), (RAV 4, ALA41), (Yaris, KSP130L), (Yaris, MXHP10), (Yaris, MXPA11), (Hilux, TGN126), (Hilux, GUN136,GUN156), (Hilux, GUN126), (Hilux, GUN1), (Prius, ZVW41L), (RAV 4, ASA44R), (Hiace, GDH320), (Hiace, GRH320))

Bleeding the ABS hydraulic unit ((Yaris, KSP130L))

Regenerating the soot particulate filter during driving ((Verso, WAR20L), (Auris, WWE185L), (Avensis, WWT270L), (Avensis, WWT271L), (RAV 4, WWA42L), (Auris, WWE185), (Avensis, WWT271))

Bleeding the ABS/ESC system ((Hilux, TGN126), (Hilux, GUN136,GUN156), (Hilux, GUN126), (Hilux, GUN1))

Resetting adaptation values of ABS ECU ((Prius, ZVW41L))

Configuring the lane change assist ((RAV 4, ALA49), (RAV 4, ALA40), (RAV 4, ASA44), (RAV 4, ALA41), (RAV 4, ASA44R), (Hiace, GDH320), (Hiace, GRH320))

Service mode (engine immobilizer can be deactivated > gasoline engine runs) ((Prius, ZVW41L))

Resetting learned values of the battery monitoring ECU ((Prius, ZVW41L))

Activating the roller test stand mode ((Yaris, KSP130L), (Hilux, TGN126), (Hilux, GUN136,GUN156), (Hilux, GUN126), (Hilux, GUN1), (Prius, ZVW41L), (RAV 4, ASA44R))

| Codings

Coding the comfort opening/closing system ((Yaris, KSP130L), (Prius, ZVW41L), (RAV 4, ASA44R))

Saving camera and object positions ((Prius, ZVW41L), (RAV 4, ASA44R))

Coding the interior lighting ((Yaris, KSP130L), (Prius, ZVW41L), (RAV 4, ASA44R))

Coding the tire pressure check ((RAV 4, ASA44R))

Coding the wheel valves ((Yaris, KSP130L), (Hilux, TGN126), (Hilux, GUN136,GUN156), (Hilux, GUN126), (Hilux, GUN1), (Hiace, GDH320), (Hiace, GRH320))

| Service resets



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Volkswagen

Trouble codes	(Arteon, 3H), (Caddy, SB), (Golf8, CD), (ID.3, E1), (ID.4, E2), (Lupo,), (Lupo, 6E), (Lupo, 6X), (Passat, CB), (Polo, AW), (Tiguan, AX), (Tiguan, BW), (up!, 12)
Parameters	(Arteon, 3H), (Caddy, SB), (Golf8, CD), (ID.3, E1), (ID.4, E2), (Lupo,), (Lupo, 6E), (Lupo, 6X), (Passat, CB), (Polo, AW), (Tiguan, AX), (Tiguan, BW), (Transporter, SH), (Transporter, SJ), (up!, 12)
Actuators	(Arteon, 3H), (Caddy, SB), (Golf8, CD), (ID.3, E1), (ID.4, E2), (Lupo,), (Lupo, 6E), (Lupo, 6X), (Passat, CB), (Polo, AW), (Tiguan, AX), (Tiguan, BW), (Transporter, SH), (Transporter, SJ), (up!, 12)
Basic settings	Initializing the adaptive cruise control ((ID.4, E2), (Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Passat, CB)) Initializing the lateral acceleration sensor ((Touran, 1T), (Jetta, 1K)) Resetting fuel system adaptation values ((Touareg, 7P)) Learning the steering-angle sensor ((Tiguan, BW)) Regenerating the soot particulate filter ((Touareg, 7P), (Golf7, BQ), (Golf7, BV), (Golf8, CD), (Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Caddy, SB), (Passat, CB), (up!, 12)) Resetting engine adaptation values ((Golf7, 5G), (Golf7, BA), (Golf7, BQ), (Golf7, BV), (up!, 12)) Resetting the diesel exhaust fluid level ((Touareg, 7P), (Golf8, CD), (Arteon, 3H), (Tiguan, AX), (Caddy, SB), (Passat, CB)) Reset learned values of injectors. ((Tiguan, BW), (Tiguan, AX), (Caddy, SB)) Adapting the electronic damper control ((Golf7, 5G), (Golf7, BA), (Golf7, AM), (Golf7, BE), (Passat, 3G), (Touran, 5T), (Tiguan, AD), (Golf7, AN), (Golf7, BV), (Golf7, BQ), (Arteon, 3H), (Tiguan, BW), (T-Roc, A1), (Golf7,), (Passat, CB), (Golf8, CD), (T-Roc, AC), (ID.3, E1), (ID.4, E2), (Tiguan, AX), (Golf7, AUV)) Bleeding the fuel system ((Golf7, 5G), (Caddy, 2K), (Touareg, 7P), (Golf7, BA), (Golf7, BQ), (Golf7, BV), (Golf8, CD), (Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Caddy, SB), (Passat, CB)) Burning off aux. heater/independent car heater ((Golf8, CD), (Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Caddy, SB), (Passat, CB)) Performing transmission adaptations ((Tiguan, AD), (Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (up!, 12), (Passat, CB)) Initializing the seat belt tensioner ECU ((Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Passat, CB)) Performing engine adaptations ((Golf7, 5G), (Touareg, 7P), (Golf7, BA), (Golf7, BQ), (Golf7, BV), (Golf8, CD), (Arteon, 3H), (Tiguan, AX), (Caddy, SB), (Passat, CB)) Bringing gear actuator of direct shift transmission in neutral position ((up!, 12)) Adapt the intake manifold flap ((Jetta, 1K), (Golf5, 5M), (Touran, 1T), (Golf5, 1K), (Eos, 1F)) Adjust headlight with/without dynamic light control (DLA) ((Tiguan, BW), (Arteon, 3H)) Resetting the warning message of diesel exhaust fluid level ((Touareg, 7P)) Calibrating the steering-angle sensor ((Arteon, 3H), (Passat, CB)) Resetting the start inhibitor of DEF injection system ((Touareg, 7P), (Golf8, CD), (Arteon, 3H), (Tiguan, AX), (Caddy, SB), (Passat, CB))



Learning the throttle valve ((Fox, 5Z), (Golf8, CD), (Tiguan, BW), (Tiguan, AX), (Caddy, SB), (upl, 12))

Learning the steering-angle sensor ((Touareg, 7P), (Tiguan, AX), (upl, 12))

Adapting the longitudinal acceleration sensor ((Touran, 1T), (Golf5, 1K), (Jetta, 1K), (Golf5, 5M), (Eos, 1F), (Golf5, 1KM))

Initializing the brake-pressure sensor ((Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (upl, 12), (Passat, CB))

Initializing the boost pressure regulator ((Tiguan, BW), (upl, 12))

Retracting parking brake ((Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Passat, CB))

Adapting the exhaust gas pressure sensor ((Golf7, 5G), (Touran, 5T), (Touareg, 7P), (Golf7, BA), (Golf7, BQ), (Golf7, BV))

Initializing the tilt/slide sunroof ((Golf6, AJ), (Passat, 36), (Touareg, 7P), (Tiguan, 5N), (Sharan, 7N), (Jetta, 16), (Touran, 1T), (CC, 35), (Golf6, 5K), (Golf7, 5G), (Golf7, BA), (Golf7, AM), (Golf7, BE), (Passat, 3G), (Touran, 5T), (Tiguan, AD), (Golf7, AN), (Golf5, 1K), (Jetta, 1K), (Golf5, 5M), (Golf7, BV), (CC, 35), (Golf6, 52), (Golf7, BQ), (Arteon, 3H), (Polo, AW), (Tiguan, BW), (T-Roc, A1), (Touareg, CR), (Golf7,), (Passat, CB), (Golf8, CD), (T-Roc, AC), (ID.3, E1), (ID.4, E2), (Tiguan, AX), (Golf5, 1KM), (Golf7, AUV))

Initializing the adaptive cruise control ((Golf8, CD), (Caddy, SB))

Reducing fuel high pressure ((Tiguan, BW), (Tiguan, AX), (Caddy, SB))

Initializing the A/C flap actuators ((Golf8, CD), (ID.3, E1), (ID.4, E2), (Tiguan, BW), (Tiguan, AX), (Caddy, SB), (Passat, CB))

Initializing the alternator ((Golf7, 5G), (Golf7, BA), (Golf7, AM), (Golf7, BE), (Passat, 3G), (Touran, 5T), (Tiguan, AD), (Crafter, SY), (Crafter, SZ), (Golf7, AN), (Polo, 6C), (Golf7, BV), (Golf7, BQ), (Arteon, 3H), (Polo, AW), (Tiguan, BW), (T-Roc, A1), (Golf7,), (T-Cross, C1), (Passat, CB), (T-Roc, AC), (Tiguan, AX), (Golf7, AUV))

Activating the retrofitted parking heater ((Golf8, CD), (Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Caddy, SB), (Passat, CB))

Adapting the radiator shutter ((Tiguan, BW), (Tiguan, AX), (Caddy, SB))

Initializing the oxidation catalyst ((Golf8, CD), (Arteon, 3H), (Tiguan, AX), (Caddy, SB), (Passat, CB))

Adapting the electronic climate control ((Arteon, 3H), (upl, 12))

Initialize 4WD clutch oil pump ((Passat, 36), (CC, 35), (Touran, 5T), (Passat, 3C), (CC, 35), (CC, 3C), (Golf8, CD), (Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Caddy, SB), (Passat, CB))

Configuring the lane change assist ((Tiguan, BW), (Arteon, 3H), (Passat, CB))

Resetting the impact mode ((Golf7, 5G), (Golf7, BA), (Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (upl, 12), (Passat, CB))

Initializing the neutral position sensor ((Tiguan, BW), (Tiguan, AX), (Caddy, SB), (upl, 12))

Initializing the clutch pedal position ((Golf7, 5G), (Golf7, BA), (Golf7, AM), (Golf7, BE), (Passat, 3G), (Touran, 5T), (Golf7, AN), (Golf7, BV), (Golf7, BQ), (T-Roc, A1), (Golf7,), (Passat, CB), (T-Roc, AC), (Tiguan, AX), (Golf7, AUV))

Initializing the EGR valve ((Touareg, 7P), (Caddy, 2K), (Golf3, 1H), (Vento, 1H), (Polo, 6N), (Polo, 6K/6V), (Caddy, 9K), (Lupo, 6X), (Polo, 9N), (New Beetle, 1Y), (Touran, 1T), (Golf5, 1K), (Jetta, 1K), (Golf5, 5M), (Sharan, 7M), (Eos, 1F), (Passat, 3C), (New Beetle, 1C/9C), (New Beetle, 1C))

Adjusting the headlights ((Passat, CB), (Golf8, CD), (Tiguan, AX), (Caddy, SB))



Diagnostic devices

Adapting oil pressure for engine run-in ((up!, 12))

Bleeding the cooling system ((up!, BL), (Golf7, BQ), (Golf7, BV), (Passat, CB), (Golf8, CD), (Arteon, 3H), (Tiguan, BW), (Tiguan, AX), (Caddy, SB))

Resetting gen. ECU learning values ((up!, 12))

Calibrating the camera ECU ((Polo, AW), (Golf8, CD), (ID.4, E2), (Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Caddy, SB), (up!, 12), (Passat, CB))

Adapting the fuel burning heater remote control ((Golf8, CD), (Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Caddy, SB), (Passat, CB))

Extending parking brake ((Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Passat, CB))

Adapting the DEF injection system ((Touareg, 7P), (Golf7, 5G), (Golf7, BA), (Golf7, BQ), (Golf7, BV))

Unlocking aux. heater/independent car heater ((Golf8, CD), (Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Caddy, SB), (Passat, CB))

Initializing the ESC sensors ((Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (up!, 12), (Passat, CB))

Performing the initial run-in of the air conditioning compressor ((Golf8, CD), (Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Caddy, SB), (up!, 12), (Passat, CB))

Adapting the soot particulate filter ((Touareg, 7P), (Golf7, BQ), (Golf7, BV), (Golf8, CD), (Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Caddy, SB), (Passat, CB), (up!, 12))

Calibrating the parking brake ((Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Passat, CB))

| Codings

Coding the trailer hitch ((Jetta, 1K))

Adjust parking assistance volume ((Golf8, CD), (Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Caddy, SB), (Passat, CB))

Coding the language version ((Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Passat, CB))

De/activating the trailer hitch ((Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Passat, CB))

Expert mode ECU coding ((Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (up!, 12), (Passat, CB))

Coding the parking brake ECU ((Touareg, 7P))

Registering the battery ((Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (up!, 12), (Passat, CB))

General ECU replacement ((Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (up!, 12), (Passat, CB))

Coding the trailer detection ((Tiguan, BW), (Arteon, 3H), (Passat, CB))

Coding the parking assist ((up!, 12))

Deactivating/activating the transport mode ((Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (up!, 12), (Passat, CB))

Adapting the trailer hitch to advanced driver assistance systems ((Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Passat, CB))

Adapting the power steering after replacement ((Sharan, 7N))

Coding injectors ((Golf7, BQ), (Golf7, BV), (Arteon, 3H), (Tiguan, AX), (Caddy, SB), (Passat, CB))

Coding the gateway installation list ((Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (up!, 12), (Passat, CB))

Coding the rain/light sensor ((up!, 12), (up!, BL), (Golf8, CD), (ID.4, E2), (Tiguan, BW), (Arteon, 3H), (Tiguan, AX), (Caddy, SB), (Passat, CB))



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Diagnostic devices



| **Service resets** (Arteon, 3H), (Caddy, SB), (Golf8, CD), (Passat, CB), (Tiguan, AX), (Tiguan, BW), (upl, 12)

Volvo

| **Trouble codes** (V70-III, BW), (XC60-II, UZ)

| **Parameters** (V70-III, BW), (XC60-II, UZ)

| **Actuators** (V70-III, BW), (XC60-II, UZ)

| **Basic settings**

- Initializing ride height sensors ((V70-III, BW))
- Adapting the longitudinal acceleration sensor ((V70-III, BW))
- Reset the telephone book ((V70-III, BW))
- Calibrating the camera and radar system ((V70-III, BW))
- Initializing the yaw rate sensor ((V70-III, BW))
- Draining the battery discharge in differential gear ((V70-III, BW))
- Initializing the lateral acceleration sensor ((V70-III, BW))
- Calibrating the roll-rate sensor ((V70-III, BW))
- Initializing the air distribution flaps ((V70-III, BW))
- Resetting the air-fuel ratio adaptation values ((XC60-II, UZ))
- De/activating the parking brake service mode ((V70-III, BW))
- Initializing the suspension system ((V70-III, BW))
- Resetting learned values of the battery monitoring ECU ((V70-III, BW))
- Resetting gearbox learning values ((V70-III, BW))
- Resetting neutral position sensor adaptation values ((XC60-II, UZ))
- Resetting the gearbox oil ageing counter ((V70-III, BW))
- Adjusting the xenon headlight ((V70-III, BW))
- Resetting the impact mode ((V70-III, BW))
- Calibrate rearview camera ((V70-III, BW))

| **Codings**

| **Service resets** (V70-III, BW)