

## TopNews 2024.Q1



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WORKSHOP SOLUTIONS





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## Top 4

### E-MOBILITY

JAGUAR | I-PACE,  
VOLKSWAGEN | ID.5  
AUDI | Q8 E-TRON

### TESLA | MODEL X [2015]

### REMOTE PRO INTEGRATION

Digital ADAS  
Digital ADAS 2.0

### NISSAN | JUKE [2020]\*

\*with manual release SGW



# MCS Pass



Be prepared for the innovation that facilitates your access to Cyber Security diagnosis.

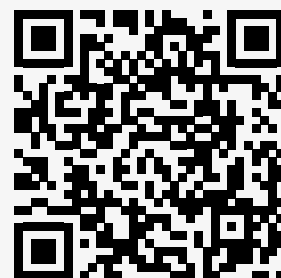
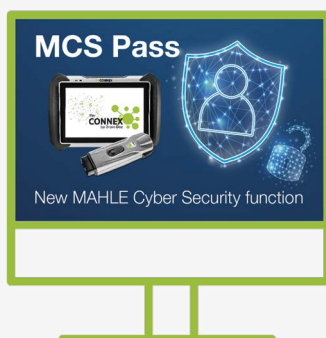
MCS Pass is a standard way of registering for auto repair users who intend to operate on vehicles protected by Cyber Security.

It is a one-time procedure , for each user and it applies to all brands involved by Cyber Security (current and future).

It is aligned with the requirements of the Manufacturers with whom MAHLE has signed agreements for Cyber Security access.



[https://mahlemktg.info/VIDEO\\_MCS\\_PASS\\_BB\\_EN](https://mahlemktg.info/VIDEO_MCS_PASS_BB_EN)



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# Cyber Security

## ALFA ROMEO

GIULIA [2016] (952)  
STELVIO [2016] (949)  
TONALE [2022]

## AUDI \*

A1 [2018] (GB)  
A3 [2012-2019] (8V)  
A3 [2020] (8Y)  
A4 [2015] (8W)  
A5 [2016] (F5)  
A6 [2011-2018] (4G)  
A6 [2017] (4A)  
A7 [2017] (4K)  
A8 [2017] (4N)  
E-TRON GT [2021]  
Q2 [2016] (GA)  
Q3 [2018] (3B)  
Q4 e-tron [2021] (F4)  
Q5 [2017] (BY)  
Q8 [2018] (4M)  
Q8 E-TRON [2022] (GE) - new

## CUPRA\*

BORN [2021] (K1)

## DACIA \*\*\*

SANDERO III [2021] (XJF)  
SPRING [2020] (XBG)

## FIAT

500e [2020] (332)  
500L [2012] (330)  
500X [2015] (334)

DOBLO\* [2009-2022] (152)  
DOBLO\* CARGO [2009] (263)  
DUCATO [2022]

## JEEP

AVENGER [2022] (J2)  
CHEROKEE [2014] (KL)  
COMPASS [2016] (MP)  
GLADIATOR [2021] (JT)  
GRAND CHEROKEE IV [2014-2022] (WK2)  
RENEGADE [2014] (BU)  
WRANGLER [2017] (JL)

## MAN\*

TGE [2017]

## MERCEDES BENZ

A [2018] (177)  
AMG GT [2018] (X290)  
B [2019] (247)  
C [2014-2021] (205)  
C [2021] (206) \*\*  
CLA [2019] (118)  
CLS [2017] (257)  
E [2015] (213-238)  
EQA [2021] (243)  
EQB [2021] (243)  
EQC [2019] (293)  
EQE [2021] (295) \*\*  
EQS [2021] (297) \*\*  
EQS SUV [2022] (296) \*\*  
EQV [2021] (447)  
G [2018] (463)  
GLA [2020] (247)  
GLB [2020] (247)  
GLC [2015-2022] (X253)

GLC [2022] (X254) \*\*  
GLE [2019] (167)  
GLS [2019] (167)  
S [2013-2020] (222)  
S [2014] (217)  
S [2020] (223) \*\*  
SL [2020] (232) \*\*  
SPRINTER [2018] (907-910)  
V [2014] (447)

## MINI\*

OUTLANDER IV [2021] (GM-GN) - new

## NISSAN\*

JUKE [2020] (F16)  
QASHQAI [2021] (J12)  
X-TRAIL [2021] (T33)

## RAM

RAM 1500 [2019] (DT)

## RENAULT \*\*\*

ARKANA[2019](XJL)  
CAPTUR II [2020] (XJB)  
CLIO V [2019] (XJA)  
ESPACE V PH02 [2021] (XFC)  
EXPRESS II [2021] (XJK)  
KANGOO III [2021] (XFK)  
MEGANE IV PH02 [2021] (XFF)  
TALISMAN PH02 [2021] (XFD)  
ZOE II [2020] (X10)

(\*) Manual Cyber Security unlocking  
(\*\*) 2° Level Cyber Security  
(\*\*\*) Integrated Cyber Security unlocking

# Cyber Security

## SKODA\*

ENYAQ [2020] (NY)  
KAMIQ [2019]  
KODIAQ [2017] (NS7, NV7, NS6)  
OCTAVIA [2020] (NX)

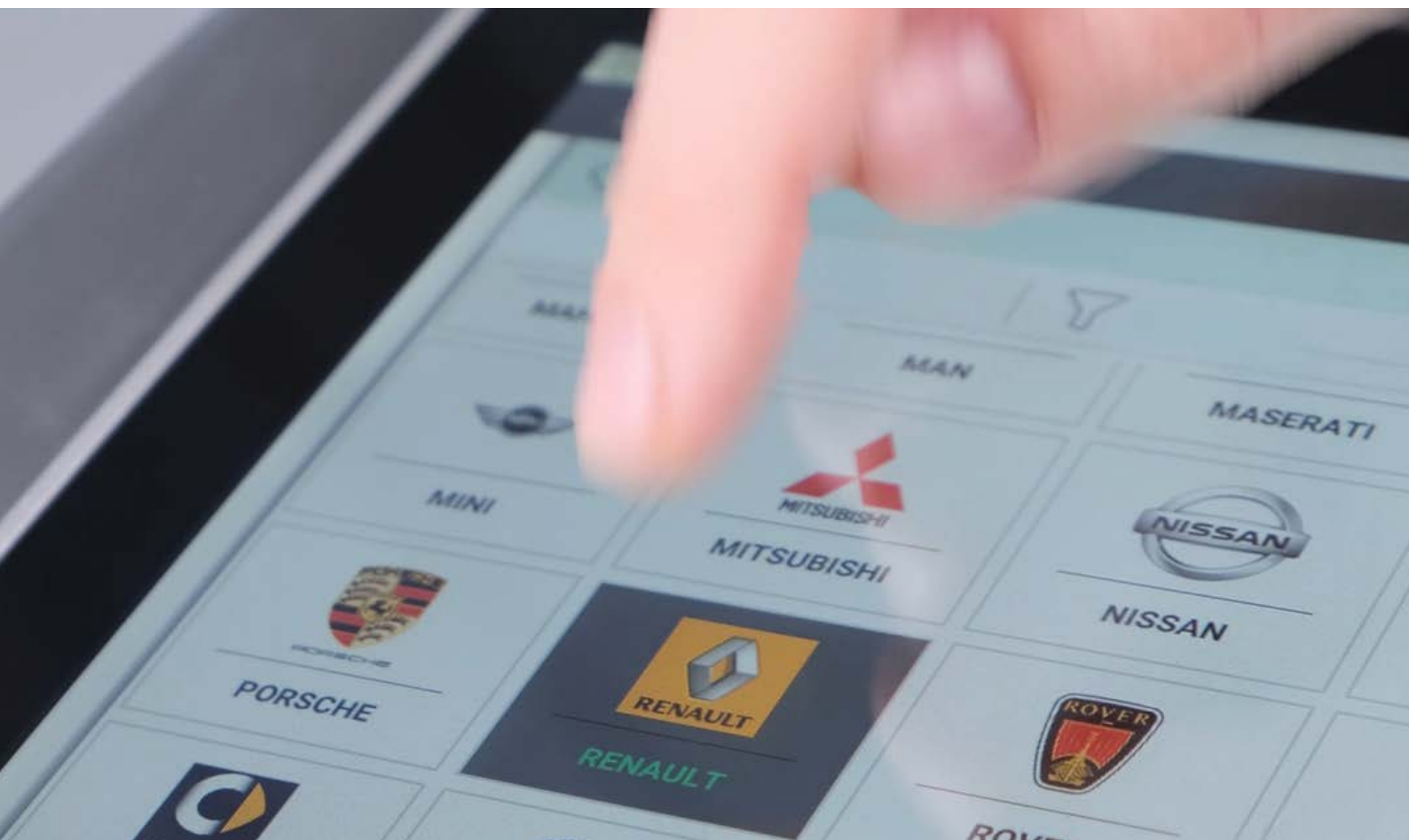
## VOLKSWAGEN\*

CCADDY V [2020] (SB)  
CARAVELLE T6.1 [2020] (SG)  
GOLF VIII [2020] (CD)  
ID.3 [2020] (E1)  
ID.4 [2020] (E21)  
ID.5 [2021] (E39) - new  
ID.BUZZ [2022] (EB) - new  
MULTIVAN T6.1 [2019-2021] (SG)  
TAIGO [2021] (CS)  
T-CROSS [2019] (C11)  
TIGUAN [2016] (AD-AX)  
TOUAREG [2017] (CR)  
TRANSPORTER T6.1 [2020] (SG)  
T-ROC [2017] (A1-D1)

(\*) Manual Cyber Security unlocking

(\*\*) 2° Level Cyber Security

(\*\*\*) Integrated Cyber Security unlocking





# E-SCAN | New

AUDI - Q8 E-TRON [2022] (GE)

MIN/MAX VOLTAGES  
OVERALL SOC  
OVERALL TEMPERATURE  
OVERALL VOLTAGE  
SOH

HYUNDAI - IONIQ 5 [2021] (NE)

CELL / BLOCK RESISTANCES  
CELL / BLOCK VOLTAGES  
MIN/MAX VOLTAGES  
OVERALL SOC  
OVERALL VOLTAGE  
SECTOR TEMPERATURES  
SOH

JEEP - AVENGER [2022] (J2)

CELL / BLOCK VOLTAGES  
CELL/BLOCK AVERAGE VOLTAGE  
MIN/MAX VOLTAGES  
OVERALL SOC  
OVERALL VOLTAGE  
SOH

MERCEDES BENZ - EQA [2021] (243)

CELL / BLOCK VOLTAGES  
CELL/BLOCK AVERAGE VOLTAGE  
MIN/MAX VOLTAGES  
OVERALL TEMPERATURE  
OVERALL VOLTAGE  
SECTOR TEMPERATURES

MERCEDES BENZ - EQB [2021] (243)

CELL / BLOCK VOLTAGES  
CELL/BLOCK AVERAGE VOLTAGE  
MIN/MAX VOLTAGES  
OVERALL TEMPERATURE  
OVERALL VOLTAGE  
SECTOR TEMPERATURES

VOLKSWAGEN - ID.5 [2021] (E39)

CELL / BLOCK VOLTAGES  
MIN/MAX VOLTAGES  
OVERALL SOC  
OVERALL TEMPERATURE  
OVERALL VOLTAGE  
SECTOR TEMPERATURES



# ODO-SCAN | New

## AUDI

A1 [2018] (GB)  
Q3 [2018] (3B)  
Q4 e-tron [2021] (F4)

## BMW

2 [2014-2019] (F22-F23)  
2 [2021] (G42)  
2 Active Tourer [2014-2019] (F45-F46)  
4 [2020] (G22-G23-G24-G26-G82)  
5 [2010-2017] (F10)  
7 [2009-2015] (F01)  
X1 [2009-2015] (E84)  
X5 [2018] (G05)  
X6 [2014-2019] (F16)

## CITROEN

C4 [2020] (C41)  
C4 SPACETOURER [2018]  
C5 X [2021]  
JUMPY [2016] (K0)

## DS

DS4 [2021]  
DS7 [2018] (X74)

## FIAT

500X [2015] (334)  
DOBLO` [2009-2022] (152)  
FIORINO [2008] (300)  
TIPO [2015] (356)

## FORD

FOCUS [2018]  
KUGA [2020]  
PUMA [2020]

## JEEP

COMPASS [2016] (MP)  
RENEGADE [2014] (BU)

## MERCEDES BENZ

SL [2022] (232)

## OPEL

CORSA F [2020]

## PEUGEOT

2008 [2020]  
3008 [2016-2024] (P84)  
408 [2022]  
5008 [2017] (P87)  
EXPERT [2016] (K0)

## PORSCHE

PANAMERA [2016] (971)

## SEAT

ARONA [2017] (KJ)  
IBIZA [2008-2017] (6J-6P)  
IBIZA [2017] (KJ)  
LEON [2012-2019] (5F)  
LEON [2020] (KL)  
TOLEDO [2012-2019] (NH)

## SKODA

ENYAQ [2020] (NY)  
FABIA [2014-2021] (NJ)  
KAMIQ [2019]  
KAROQ [2017] (NU)  
KODIAQ [2017]  
OCTAVIA [2013-2019] (5E)  
OCTAVIA [2020] (NX)  
RAPID [2012-2019] (NH)  
SCALA [2019]  
YETI [2009-2017] (5L)

## VOLKSWAGEN

CADDY [2015-2020] (SA)  
GOLF VII [2012-2019] (5G)  
GOLF VII SPORTSVAN [2014]  
GOLF VIII [2020] (CD)  
ID.3 [2020] (E1)  
ID.4 [2020] (E21)  
ID.BUZZ [2022] (EB)  
JETTA VI [2011-2018] (16)  
POLO [2014-2018] (6C)  
POLO [2018] (AW)  
TIGUAN [2016] (AD-AX)

# DoIP | Diagnostics Over Internet Protocol

## JAGUAR - E-PACE [2017] (X540)

EDI (ELECTRONIC DIESEL INJECTION)  
ADDITIVE DIESEL CONTROL / AD BLUE  
EGR VALVE ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## JAGUAR - F-PACE [2015] (X761)

ABS  
AIR CONDITIONING  
AUTOMATIC GEARBOX  
DASHBOARD  
EDI (ELECTRONIC DIESEL INJECTION)  
EFI (ELECTRONIC PETROL INJECTION)  
GEAR SELECTION MODULE  
PARKING ASSISTANCE SYSTEM  
POWERSTEERING  
SRS (AIRBAG)  
ODOMETER READING  
ADDITIVE DIESEL CONTROL / AD BLUE  
AUTOMATIC GEARBOX: OIL LEVEL CHECK  
BRAKE PADS REPLACING  
EGR VALVE ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION  
START/STOP

## JAGUAR - I-PACE [2018] (X590)

DYNAMIC FRONT CAMERA CALIBRATION (MOVING VEHICLE)  
ABS  
BATTERY PACK  
BODY COMPUTER  
BRAKE ASSIST  
CAMERA CONTROL MODULE  
CHARGER SYSTEM

DASHBOARD  
DCDC CONVERTER  
ELECTRIC MOTOR  
SRS (AIRBAG)  
ODOMETER READING  
BRAKE CIRCUIT BLEEDING  
BRAKE PADS REPLACING

## JAGUAR - XE [2014] (X760)

EDI (ELECTRONIC DIESEL INJECTION)  
ADDITIVE DIESEL CONTROL / AD BLUE  
EGR VALVE ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## JAGUAR - XF [2015] (X260)

EDI (ELECTRONIC DIESEL INJECTION)  
ADDITIVE DIESEL CONTROL / AD BLUE  
EGR VALVE ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## LAND ROVER - DISCOVERY [2016] (L462-LR)

INITIALIZATION OF THE RAIN AND LIGHT SENSOR  
ABS  
AUTOMATIC GEARBOX  
BODY COMPUTER  
CHASSIS CONTROL MODULE  
DASHBOARD  
EDI (ELECTRONIC DIESEL INJECTION)  
GEAR SELECTION MODULE  
PARKING ASSISTANCE SYSTEM  
POWERSTEERING  
SRS (AIRBAG)  
STEERING ANGLE SENSOR



# DoIP | Diagnostics Over Internet Protocol

## LAND ROVER - DISCOVERY [2016] (L462-LR)

TYRE PRESSURE MONITORING SYSTEM (TPMS)  
ODOMETER READING  
ADDITIVE DIESEL CONTROL / AD BLUE  
BRAKE PADS REPLACING  
EGR VALVE ADAPTATION  
ENGINE OIL SERVICE RESET  
INITIALIZATION OF THE RAIN AND LIGHT SENSOR  
INJECTOR CODING  
ODOMETER READING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
SERVICE: RESET OF DIESEL MAINTENANCE INDICATOR  
SERVICE: RESET OF PETROL MAINTENANCE INDICATOR  
STEERING WHEEL ANGLE CALIBRATION  
SUSPENSIONS CALIBRATION  
THROTTLE VALVE ADAPTATION  
TPMS LEARNING PROCEDURE

## LAND ROVER - RANGE [2017] (L560)

ABS  
DASHBOARD  
EDI (ELECTRONIC DIESEL INJECTION)  
ODOMETER READING  
ADDITIVE DIESEL CONTROL / AD BLUE  
BRAKE PADS REPLACING  
EGR VALVE ADAPTATION  
ENGINE OIL SERVICE RESET  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
SERVICE: RESET OF DIESEL MAINTENANCE INDICATOR  
SERVICE: RESET OF PETROL MAINTENANCE INDICATOR  
STEERING WHEEL ANGLE CALIBRATION  
THROTTLE VALVE ADAPTATION

## LAND ROVER - RANGE ROVER EVOQUE [2018] (L551)

ABS  
AUTOMATIC GEARBOX  
DASHBOARD  
EDI (ELECTRONIC DIESEL INJECTION)  
GEAR SELECTION MODULE  
POWERSTEERING  
SRS (AIRBAG)  
ODOMETER READING  
ADDITIVE DIESEL CONTROL / AD BLUE  
BRAKE PADS REPLACING  
EGR VALVE ADAPTATION  
ENGINE OIL SERVICE RESET  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
SERVICE: RESET OF DIESEL MAINTENANCE INDICATOR  
SERVICE: RESET OF PETROL MAINTENANCE INDICATOR  
STEERING WHEEL ANGLE CALIBRATION  
THROTTLE VALVE ADAPTATION

## LAND ROVER - RANGE ROVER SPORT [2013] (L494)

ABS  
BRAKE PADS REPLACING

## LYNK&CO - 01 [2021]

DYNAMIC FRONT CAMERA CALIBRATION (MOVING VEHICLE)  
DYNAMIC FRONT RADAR CALIBRATION (MOVING VEHICLE)  
INITIALIZATION OF THE RAIN AND LIGHT SENSOR  
ABS  
AIR CONDITIONING  
AUTOMATIC GEARBOX  
BATTERY CONTROL SYSTEM  
BATTERY PACK  
BODY COMPUTER  
BRAKE ASSIST  
CAMERA CONTROL MODULE

# DoIP | Diagnostics Over Internet Protocol

LYNK&CO - 01 [2021]

CHARGER SYSTEM  
DASHBOARD  
DCDC CONVERTER  
DOORS SYSTEM  
EFI (ELECTRONIC PETROL INJECTION)  
GEAR SELECTION MODULE  
LANE CHANGE ASSIST (BLIND SPOT)  
LIGHTS SYSTEM  
MULTIMEDIA SYSTEMS  
PARKING ASSISTANCE SYSTEM  
POWERSTEERING  
RADAR  
SRS (AIRBAG)  
STEERING ANGLE SENSOR  
STEERING CONTROL UNIT  
CELL / BLOCK VOLTAGES  
MIN/MAX VOLTAGES  
OVERALL SOC  
OVERALL VOLTAGE  
SECTOR TEMPERATURES  
ODOMETER READING  
BRAKE CIRCUIT BLEEDING  
BRAKE PADS REPLACING  
CELL / BLOCK VOLTAGES  
ENGINE OIL SERVICE RESET  
GEAR NEUTRAL POSITION SENSOR ADAPTATION  
INITIALIZATION OF THE RAIN AND LIGHT SENSOR  
MIN/MAX VOLTAGES  
ODOMETER READING  
OVERALL SOC  
OVERALL VOLTAGE  
PARTICULATE FILTER SYSTEM

SECTOR TEMPERATURES  
SELF-LEARNING PARAMETERS RESET  
SERVICE: RESET OF DIESEL MAINTENANCE INDICATOR  
SERVICE: RESET OF PETROL MAINTENANCE INDICATOR  
TRANSPORT MODE  
GEAR NEUTRAL POSITION SENSOR ADAPTATION

MERCEDES BENZ - C [2021] (206)

DYNAMIC FRONT RADAR CALIBRATION (MOVING VEHICLE)  
STATIC FRONT CAMERA CALIBRATION (STATIONARY VEHICLE WITH TARGET)  
ABS  
AIR CONDITIONING  
AUTOMATIC GEARBOX  
BODY COMPUTER  
CAMERA CONTROL MODULE  
CENTRAL CONSOLE  
DASHBOARD  
DCDC CONVERTER  
DOORS SYSTEM  
EDI (ELECTRONIC DIESEL INJECTION)  
ELECTRONIC IGNITION SWITCH  
FUEL SYSTEM  
LIGHTS SYSTEM  
PARKING ASSISTANCE SYSTEM  
POWERSTEERING  
POWERTRAIN CONTROL UNIT  
RADAR  
SRS (AIRBAG)  
TYRE PRESSURE MONITORING SYSTEM (TPMS)  
MIN/MAX VOLTAGES  
SECTOR TEMPERATURES  
ODOMETER READING

# DoIP | Diagnostics Over Internet Protocol

## MERCEDES BENZ - C [2021] (206)

ADDITIVE DIESEL CONTROL / AD BLUE  
BRAKE PADS REPLACING  
EGR VALVE ADAPTATION  
INJECTOR CODING  
SELF-LEARNING PARAMETERS RESET  
SERVICE: RESET OF DIESEL MAINTENANCE INDICATOR  
SERVICE: RESET OF PETROL MAINTENANCE INDICATOR  
STEERING WHEEL ANGLE CALIBRATION  
THROTTLE VALVE ADAPTATION  
TPMS LEARNING PROCEDURE

## MERCEDES BENZ - EQE [2021] (295)

DYNAMIC FRONT RADAR CALIBRATION (MOVING VEHICLE)  
ABS  
CAMERA CONTROL MODULE  
DASHBOARD  
DOORS SYSTEM  
ELECTRONIC IGNITION SWITCH  
LIGHTS SYSTEM  
PARKING ASSISTANCE SYSTEM  
POWERSTEERING  
RADAR  
SRS (AIRBAG)  
TYRE PRESSURE MONITORING SYSTEM (TPMS)  
ODOMETER READING  
BRAKE PADS REPLACING  
SERVICE: RESET OF DIESEL MAINTENANCE INDICATOR  
SERVICE: RESET OF PETROL MAINTENANCE INDICATOR  
STEERING WHEEL ANGLE CALIBRATION  
TPMS LEARNING PROCEDURE

## MERCEDES BENZ - EQS [2021] (297)

DYNAMIC FRONT RADAR CALIBRATION (MOVING VEHICLE)  
ABS  
AIR CONDITIONING  
BODY COMPUTER  
CAMERA CONTROL MODULE

CENTRAL CONSOLE  
DASHBOARD  
DOORS SYSTEM  
ELECTRONIC IGNITION SWITCH  
LIGHTS SYSTEM  
PARKING ASSISTANCE SYSTEM  
POWERSTEERING  
RADAR  
SRS (AIRBAG)  
TYRE PRESSURE MONITORING SYSTEM (TPMS)  
ODOMETER READING  
BRAKE PADS REPLACING  
SERVICE: RESET OF DIESEL MAINTENANCE INDICATOR  
SERVICE: RESET OF PETROL MAINTENANCE INDICATOR  
STEERING WHEEL ANGLE CALIBRATION  
TPMS LEARNING PROCEDURE

## MERCEDES BENZ - EQS [2022] (296)

ABS  
AIR CONDITIONING  
BODY COMPUTER  
CAMERA CONTROL MODULE  
CENTRAL CONSOLE  
DASHBOARD  
DOORS SYSTEM  
ELECTRONIC IGNITION SWITCH  
LIGHTS SYSTEM  
PARKING ASSISTANCE SYSTEM  
POWERSTEERING  
RADAR  
SRS (AIRBAG)  
TYRE PRESSURE MONITORING SYSTEM (TPMS)  
ODOMETER READING  
BRAKE PADS REPLACING  
SERVICE: RESET OF DIESEL MAINTENANCE INDICATOR  
SERVICE: RESET OF PETROL MAINTENANCE INDICATOR  
STEERING WHEEL ANGLE CALIBRATION  
TPMS LEARNING PROCEDURE

# DoIP | Diagnostics Over Internet Protocol

## MERCEDES BENZ - GLC [2022] (X254)

DYNAMIC FRONT RADAR CALIBRATION (MOVING VEHICLE)  
STATIC FRONT CAMERA CALIBRATION (STATIONARY VEHICLE WITH TARGET)  
ABS  
AIR CONDITIONING  
AUTOMATIC GEARBOX  
CAMERA CONTROL MODULE  
DASHBOARD  
DCDC CONVERTER  
DOORS SYSTEM  
EDI (ELECTRONIC DIESEL INJECTION)  
ELECTRONIC IGNITION SWITCH  
FUEL SYSTEM  
LIGHTS SYSTEM  
PARKING ASSISTANCE SYSTEM  
POWERSTEERING  
POWERTRAIN CONTROL UNIT  
RADAR  
SRS (AIRBAG)  
TYRE PRESSURE MONITORING SYSTEM (TPMS)  
MIN/MAX VOLTAGES  
SECTOR TEMPERATURES  
ODOMETER READING  
ADDITIVE DIESEL CONTROL / AD BLUE  
BRAKE PADS REPLACING  
EGR VALVE ADAPTATION  
INJECTOR CODING  
SELF-LEARNING PARAMETERS RESET  
SERVICE: RESET OF DIESEL MAINTENANCE INDICATOR  
SERVICE: RESET OF PETROL MAINTENANCE INDICATOR  
STEERING WHEEL ANGLE CALIBRATION  
THROTTLE VALVE ADAPTATION  
TPMS LEARNING PROCEDURE

## MERCEDES BENZ - S [2020] (223)

DYNAMIC FRONT RADAR CALIBRATION (MOVING VEHICLE)  
STATIC FRONT CAMERA CALIBRATION (STATIONARY VEHICLE WITH TARGET)

ABS  
AIR CONDITIONING  
AUTOMATIC GEARBOX  
BODY COMPUTER  
CAMERA CONTROL MODULE  
DASHBOARD  
DCDC CONVERTER  
DOORS SYSTEM  
EDI (ELECTRONIC DIESEL INJECTION)  
ELECTRONIC IGNITION SWITCH  
FUEL SYSTEM  
LIGHTS SYSTEM  
PARKING ASSISTANCE SYSTEM  
POWERSTEERING  
POWERTRAIN CONTROL UNIT  
RADAR  
SRS (AIRBAG)  
TYRE PRESSURE MONITORING SYSTEM (TPMS)  
MIN/MAX VOLTAGES  
SECTOR TEMPERATURES  
ODOMETER READING  
ADDITIVE DIESEL CONTROL / AD BLUE  
BRAKE PADS REPLACING  
EGR VALVE ADAPTATION  
INJECTOR CODING  
SELF-LEARNING PARAMETERS RESET  
SERVICE: RESET OF DIESEL MAINTENANCE INDICATOR  
SERVICE: RESET OF PETROL MAINTENANCE INDICATOR  
STEERING WHEEL ANGLE CALIBRATION  
THROTTLE VALVE ADAPTATION  
TPMS LEARNING PROCEDURE

## MERCEDES BENZ - SL [2022] (232)

DYNAMIC FRONT RADAR CALIBRATION (MOVING VEHICLE)  
ABS  
AIR CONDITIONING  
AUTOMATIC GEARBOX



# DoIP | Diagnostics Over Internet Protocol

## MERCEDES BENZ - SL [2022] (232)

BODY COMPUTER  
CAMERA CONTROL MODULE  
CENTRAL CONSOLE  
DASHBOARD  
DCDC CONVERTER  
DOORS SYSTEM  
ELECTRONIC IGNITION SWITCH  
FUEL SYSTEM  
LIGHTS SYSTEM  
PARKING ASSISTANCE SYSTEM  
POWERSTEERING  
POWERTRAIN CONTROL UNIT  
RADAR  
SRS (AIRBAG)  
TYRE PRESSURE MONITORING SYSTEM (TPMS)  
MIN/MAX VOLTAGES  
SECTOR TEMPERATURES  
ODOMETER READING  
BRAKE PADS REPLACING  
SERVICE: RESET OF DIESEL MAINTENANCE INDICATOR  
SERVICE: RESET OF PETROL MAINTENANCE INDICATOR  
STEERING WHEEL ANGLE CALIBRATION  
TPMS LEARNING PROCEDURE

## POLESTAR - 2 [2019] (P)

ABS  
AIR CONDITIONING  
ANTI-THEFT SYSTEM  
BATTERY CONTROL SYSTEM  
BATTERY PACK  
BODY COMPUTER  
CHARGER SYSTEM  
COMMUNICATION INTERFACE  
DASHBOARD  
ELECTRIC MOTOR  
GEAR SELECTION MODULE  
POWERSTEERING  
SRS (AIRBAG)  
STEERING ANGLE SENSOR  
STEERING CONTROL UNIT  
STEERING LOCK  
CELL / BLOCK VOLTAGES  
OVERALL SOC  
OVERALL VOLTAGE  
CELL / BLOCK VOLTAGES  
OVERALL SOC  
OVERALL VOLTAGE  
TRACTION BATTERY CURRENT  
TRACTION BATTERY VOLTAGE

## DoIP Smart

- Adapter to be connected between Connex / TechPRO VCI and the vehicle, translates the communication into the new DoIP protocol.
- Connex / TechPRO VCI automatically detects the presence / absence of the DoIP Smart and prompts the user to remove / insert it when requested / not required.
- The CAN lines on pins 6 14 pass through the adapter. Standard OBD diagnostics (on CAN BUS) is also supported with DoIP Smart installed.
- It complies with the ISO 13400 standard and supports both market standards with automatic identification of the version present on the vehicle.



# CONNEX Digital ADAS

## DYNAMIC FRONT RADAR CALIBRATION *(moving vehicle)*

### CITROEN

C4 X [2022] (BD\_, BE\_, BF\_)

C5 X [2021] (ND\_, NC\_)

### DS

DS4 [2021] (F\_, FB\_, F3\_)

### JAGUAR

F-PACE [2015] (X761)

### JEEP

AVENGER [2022] (J2)

### OPEL

ASTRA L [2021] (O5)

### PEUGEOT

308 [2021] (P5)

### VAUXHALL

ASTRA L [2021] (O5)

## DYNAMIC CALIBRATION OF LANE CHANGE ASSIST SYSTEM *(blind spot)*

### DS

DS4 [2021] (F\_, FB\_, F3\_)

## DYNAMIC FRONT CAMERA CALIBRATION *(moving vehicle)*

### JAGUAR

I-PACE [2018] (X590)

## STATIC FRONT RADAR CALIBRATION *(stationary vehicle with corner reflector)*

### KIA

STONIC [2017] (YB)

## STATIC FRONT RADAR CALIBRATION *(stationary vehicle with mirror)*

### PORSCHE

911 [2011-2018] (991)

BOXSTER [2012-2015] (981)

CAYMAN [2013-2016] (981)

### SKODA

ENYAQ [2020] (NY)

## STATIC 360° CAMERA CALIBRATION

### NISSAN

JUKE [2010-2019] (F15)

## DYNAMIC FRONT RADAR CALIBRATION *(stationary vehicle with target)*

### PORSCHE

BOXSTER [2012-2015] (981)

BOXSTER [2016] (982)

CAYMAN [2013-2016] (981)

CAYMAN [2016] (982)

## STATIC REAR CAMERA CALIBRATION

### AUDI

Q4 e-tron [2021] (F4)

### VOLKSWAGEN

ID.BUZZ [2022] (EB)



# Start & Stop

## AUDI - A3 [2020] (8Y)

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
START/STOP

## AUDI - Q2 [2016] (GA)

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
START/STOP  
START/STOP FUNCTION ACTIVATION AND DEACTIVATION

## AUDI - Q7 [2015-2020] (4M)

START/STOP

## AUDI - Q8 [2018] (4M)

START/STOP

## AUDI - Q8 E-TRON [2022] (GE)

BATTERY REPLACEMENT  
START/STOP  
START/STOP FUNCTION ACTIVATION AND DEACTIVATION

## BMW - 1 [2011-2019] (F20)

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

## BMW - 2 [2014-2019] (F22-F23)

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

## BMW - 3 [2011-2019] (F30)

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

## BMW - 3 [2018] (G20)

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

## BMW - 4 [2013] (F32)

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

## BMW - 5 [2017] (G30)

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

## BMW - 6 [2017] (G32)

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

## BMW - 7 [2015-2022] (G11)

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

## BMW - X3 [2017] (G01)

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

## FIAT - 500 [2007] (312)

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
START/STOP

## FIAT - TIPO [2015] (356)

GEAR NEUTRAL POSITION SENSOR ADAPTATION

## FORD - TOURNEO CONNECT [2022]

START/STOP

## KIA - SPORTAGE [2021] (NQ)

START/STOP

## MERCEDES BENZ - SLC [2016-2017] (172)

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
START/STOP

## MERCEDES BENZ - V [2014] (447)

BATTERY REPLACEMENT

## MINI - COUNTRYMAN [2016] (F60)

BATTERY REPLACEMENT  
START/STOP FUNCTION ACTIVATION AND DEACTIVATION

# Start & Stop

## NISSAN - MICRA [2017] (K14)

START/STOP

## OPEL - CORSA E [2014-2019]

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
START/STOP

## OPEL - MOKKA [2012-2020] (J13)

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
START/STOP

## SEAT - LEON [2020] (KL)

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
START/STOP

## VAUXHALL - CORSA E [2014-2019]

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
START/STOP

## VOLKSWAGEN - CADDY V [2020] (SB)

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
START/STOP

## VOLKSWAGEN - GOLF VIII [2020] (CD)

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
START/STOP

## VOLVO - S60 [2010-2018] (134)

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
START/STOP

## VOLVO - S60 [2018] (224)

START/STOP

## VOLVO - S90 [2016] (234)

START/STOP

## VOLVO - V60 [2010-2018] (155, 157)

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
START/STOP

## VOLVO - V60 [2018] (225, 227)

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
START/STOP

## VOLVO - V90 [2016] (235, 236)

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
START/STOP

## VOLVO - XC40 [2017] (536)

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
START/STOP

## VOLVO - XC60 [2008-2017] (156)

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
START/STOP

## VOLVO - XC60 [2017] (246)

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
START/STOP

## VOLVO - XC90 [2014] (256)

START/STOP



# Adjustments

## AUDI - A3 [2020] (8Y)

AUTOMATIC GEARBOX: OIL LEVEL CHECK  
GEAR NEUTRAL POSITION SENSOR ADAPTATION  
INJECTOR CODING  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## AUDI - Q2 [2016] (GA)

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
INJECTOR CODING  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## AUDI - Q3 [2018] (3B)

AUTOMATIC GEARBOX: OIL LEVEL CHECK

## AUDI - Q7 [2015-2020] (4M)

ADDITIVE DIESEL CONTROL / AD BLUE  
EGR VALVE ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## AUDI - Q8 [2018] (4M)

ADDITIVE DIESEL CONTROL / AD BLUE  
EGR VALVE ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## AUDI - Q8 E-TRON [2022] (GE)

BATTERY REPLACEMENT  
BRAKE CIRCUIT BLEEDING  
BRAKE PADS REPLACING  
HEADLIGHT ADJUSTMENT  
POWERWINDOWS INITIALIZING  
SERVICE: RESET OF DIESEL MAINTENANCE INDICATOR  
SERVICE: RESET OF PETROL MAINTENANCE INDICATOR

SERVICE: SETTING DATA

SUSPENSIONS CALIBRATION  
TRANSPORT MODE

## BMW - 1 [2011-2019] (F20)

SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## BMW - 2 [2014-2019] (F22-F23)

EGR VALVE ADAPTATION  
IMMOBILIZER INJECTION ALIGNMENT  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## BMW - 3 [2011-2019] (F30)

SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## BMW - 3 [2018] (G20)

SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## BMW - 4 [2013] (F32)

SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## BMW - 5 [2017] (G30)

SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## BMW - 6 [2017] (G32)

SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## BMW - 7 [2015-2022] (G11)

SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

# Adjustments

## BMW - X3 [2017] (G01)

SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## CUPRA - LEON [2020] (KL)

AUTOMATIC GEARBOX: OIL LEVEL CHECK

## DS - DS4 [2021] (F\_, FB\_, F3\_)

POWERWINDOWS INITIALIZING  
SERVICE: RESET OF DIESEL MAINTENANCE INDICATOR

## FIAT - 500 [2007] (312)

ADDITIVE DIESEL CONTROL / AD BLUE  
EGR VALVE ADAPTATION  
ENGINE OIL SERVICE RESET  
GEAR NEUTRAL POSITION SENSOR ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
SERVICE: RESET OF DIESEL MAINTENANCE INDICATOR  
THROTTLE VALVE ADAPTATION

## FIAT - TIPO [2015] (356)

ENGINE OIL SERVICE RESET  
GEAR NEUTRAL POSITION SENSOR ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## FORD - TOURNEO CONNECT [2022]

ADDITIVE DIESEL CONTROL / AD BLUE  
EGR VALVE ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
POWERWINDOWS INITIALIZING  
SELF-LEARNING PARAMETERS RESET  
SERVICE: RESET OF CNG MAINTENANCE INDICATOR  
SERVICE: RESET OF DIESEL MAINTENANCE INDICATOR  
SERVICE: RESET OF PETROL MAINTENANCE INDICATOR

SERVICE: SETTING DATA  
STEERING WHEEL ANGLE CALIBRATION  
THROTTLE VALVE ADAPTATION  
TRANSPORT MODE

## JAGUAR - I-PACE [2018] (X590)

BRAKE CIRCUIT BLEEDING  
BRAKE PADS REPLACING

## JEEP - RENEGADE [2014] (BU)

ADDITIVE DIESEL CONTROL / AD BLUE  
EGR VALVE ADAPTATION  
ENGINE OIL SERVICE RESET  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## KIA - SPORTAGE [2021] (NQ)

PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET

## MERCEDES BENZ - E [2015] (213-238)

ADDITIVE DIESEL CONTROL / AD BLUE  
EGR VALVE ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## MERCEDES BENZ - SLC [2016-2017] (172)

ADDITIVE DIESEL CONTROL / AD BLUE  
GEAR NEUTRAL POSITION SENSOR ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
SERVICE  
THROTTLE VALVE ADAPTATION

# Adjustments

## **MERCEDES BENZ - V [2014] (447)**

BATTERY REPLACEMENT  
POWERWINDOWS INITIALIZING  
TRANSPORT MODE

## **MINI - COUNTRYMAN [2016] (F60)**

ADDITIVE DIESEL CONTROL / AD BLUE  
BATTERY REPLACEMENT  
EGR VALVE ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET

## **MINI - MINI [2006-2013] (R56)**

EGR VALVE ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET

## **MITSUBISHI - ECLIPSE CROSS [2018] (GK)**

SERVICE: MANUAL RESET OF THE MAINTENANCE INDICATOR

## **MITSUBISHI - MIRAGE [2012]**

SELF-LEARNING PARAMETERS RESET

## **MITSUBISHI - SPACE STAR [2013]**

SELF-LEARNING PARAMETERS RESET

## **NISSAN - JUKE [2020] (F16)**

BRAKE PADS REPLACING  
SELF-LEARNING PARAMETERS RESET  
STEERING WHEEL ANGLE CALIBRATION

## **NISSAN - MICRA [2017] (K14)**

PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## **NISSAN - X-TRAIL [2021] (T33)**

BRAKE PADS REPLACING  
STEERING WHEEL ANGLE CALIBRATION

## **OPEL - CORSA E [2014-2019]**

ENGINE OIL SERVICE RESET  
GEAR NEUTRAL POSITION SENSOR ADAPTATION  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## **OPEL - MOKKA [2012-2020] (J13)**

ADDITIVE DIESEL CONTROL / AD BLUE  
ENGINE OIL SERVICE RESET  
GEAR NEUTRAL POSITION SENSOR ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET

## **PEUGEOT - RCZ [2010] (T75)**

ADDITIVE DIESEL CONTROL / AD BLUE  
EGR VALVE ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
REPLACEMENT OF ACCESSORIES BELT  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## **PORSCHE - MACAN [2013] (95B)**

HEADLIGHT ADJUSTMENT  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## **PORSCHE - TAYCAN [2019] (Y1A)**

POWERWINDOWS INITIALIZING

# Adjustments

## SEAT - LEON [2020] (KL)

AUTOMATIC GEARBOX: OIL LEVEL CHECK  
GEAR NEUTRAL POSITION SENSOR ADAPTATION  
INJECTOR CODING  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## SKODA - SUPERB [2015] (3V)

AUTOMATIC GEARBOX: OIL LEVEL CHECK  
TESLA - MODEL X [2015] (5YJX)  
BRAKE PADS REPLACING

## TOYOTA - CAMRY [2017] (V7-VA7-VH7)

PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET

## TOYOTA - HIGHLANDER [2019] (U7)

PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET

## VAUXHALL - CORSA E [2014-2019]

ENGINE OIL SERVICE RESET  
GEAR NEUTRAL POSITION SENSOR ADAPTATION  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## VOLKSWAGEN - CADDY V [2020] (SB)

GEAR NEUTRAL POSITION SENSOR ADAPTATION  
INJECTOR CODING  
POWERWINDOWS INITIALIZING  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## VOLKSWAGEN - GOLF VII [2012-2019] (5G)

AUTOMATIC GEARBOX: OIL LEVEL CHECK

## VOLKSWAGEN - GOLF VIII [2020] (CD)

AUTOMATIC GEARBOX: OIL LEVEL CHECK  
GEAR NEUTRAL POSITION SENSOR ADAPTATION  
INJECTOR CODING  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## VOLKSWAGEN - ID.5 [2021] (E39)

BRAKE CIRCUIT BLEEDING  
BRAKE PADS REPLACING  
POWERWINDOWS INITIALIZING  
SERVICE  
SERVICE: SETTING DATA  
STEERING WHEEL ANGLE CALIBRATION  
TIRE SIZES PROGRAMMING

## VOLKSWAGEN - PASSAT [2014] (3G)

AUTOMATIC GEARBOX: OIL LEVEL CHECK

## VOLVO - S60 [2010-2018] (134)

ADDITIVE DIESEL CONTROL / AD BLUE  
EGR VALVE ADAPTATION  
ENGINE OIL SERVICE RESET  
GEAR NEUTRAL POSITION SENSOR ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## VOLVO - S60 [2018] (224)

ENGINE OIL SERVICE RESET  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION



# Adjustments

## **VOLVO - S90 [2016] (234)**

ENGINE OIL SERVICE RESET  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## **VOLVO - V60 [2010-2018] (155, 157)**

ADDITIVE DIESEL CONTROL / AD BLUE  
EGR VALVE ADAPTATION  
ENGINE OIL SERVICE RESET  
GEAR NEUTRAL POSITION SENSOR ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## **VOLVO - V60 [2018] (225, 227)**

ADDITIVE DIESEL CONTROL / AD BLUE  
EGR VALVE ADAPTATION  
ENGINE OIL SERVICE RESET  
GEAR NEUTRAL POSITION SENSOR ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## **VOLVO - V90 [2016] (235, 236)**

ADDITIVE DIESEL CONTROL / AD BLUE  
EGR VALVE ADAPTATION  
ENGINE OIL SERVICE RESET  
GEAR NEUTRAL POSITION SENSOR ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## **VOLVO - XC40 [2017] (536)**

ENGINE OIL SERVICE RESET  
GEAR NEUTRAL POSITION SENSOR ADAPTATION  
INJECTOR CODING

PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET

## **VOLVO - XC60 [2008-2017] (156)**

ADDITIVE DIESEL CONTROL / AD BLUE  
EGR VALVE ADAPTATION  
ENGINE OIL SERVICE RESET  
GEAR NEUTRAL POSITION SENSOR ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

## **VOLVO - XC60 [2017] (246)**

ADDITIVE DIESEL CONTROL / AD BLUE  
EGR VALVE ADAPTATION  
ENGINE OIL SERVICE RESET  
GEAR NEUTRAL POSITION SENSOR ADAPTATION  
INJECTOR CODING  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
SERVICE: RESET OF DIESEL MAINTENANCE INDICATOR  
THROTTLE VALVE ADAPTATION

## **VOLVO - XC90 [2014] (256)**

ENGINE OIL SERVICE RESET  
PARTICULATE FILTER SYSTEM  
SELF-LEARNING PARAMETERS RESET  
THROTTLE VALVE ADAPTATION

# New content on already issued systems

## AUDI - A3 [2012-2019] (8V)

Erase counter for start/stop processes  
Oil pressure reservoir emptying  
Installation information adaptation  
Transmission hydraulic pump: basic setting  
Transmission: basic setting  
Gear actuator and dual clutch: basic setting  
Gear actuator: adaptation values reset  
Start double clutch fast adaptation  
Clutch: adaptation values reset  
Clutch characteristic curve: adaptation values reset  
Disengagement clutch: adaptation values reset  
Clutch 2: adaptation values reset  
Set gearbox mileage to vehicle mileage  
Gearbox mileage reset  
Set clutch mileage to zero  
Selector lever: engagement percentages per position reset  
Disengagement clutch: basic setting  
Disengagement clutch: characteristic curve reset  
Oil pressure reservoir filling  
Check transmission fluid level  
Transmission fluid emptying  
Transmission fluid filling  
Clutch 1: adaptation values reset

## AUDI - A3 [2020] (8Y)

Fuel pump  
EGR valve 1  
Radiator shutters  
Reducing agent (AdBlue) heater  
Reducing agent (AdBlue) heater 2  
Coolant pump for intercooler  
Radiator 1 fan command  
Preheating glow 1 control unit  
Exhaust flap  
EGR valve 2  
Compression test  
Particulate filter forced regeneration (moving vehicle)  
Particulate filter forced regeneration (stationary vehicle)

CAN communication monitoring reset  
Test of disassembled turbocharger actuator  
Fuel high pressure system: leakage measuring point  
Switchable coolant pump  
Control deviation test of exhaust gas recirculation system  
Lambda probe test  
Air mass flow meter plausibility test  
Automatic glow time control unit test  
Turbocharger Test  
Fuel circuit bleeding  
Reset reducing agent (AdBlue) lock  
Manual test on exhaust flap  
Charge pressure actuator test  
Automatic test of low pressure EGR valve  
Radiator shutters adaptation  
Fuel high pressure system: engine start leak test  
Reducing agent (AdBlue) duct emptying  
Catalytic converter aging reset  
Adaptation of correction angle of camshaft position detection: angle sensor error (outlet side)  
Adaptation of correction angle of camshaft position detection: angle sensor error (inlet side)  
Oil pump pressure level change-over test  
Fuel tank emptying  
Adaptation of correction angle of camshaft position detection: phonic wheel angle sensor error (inlet side)  
Fuel system flow rate test  
Reducing agent system quality sensor adaptation  
Reducing agent quality test  
Reducing agent (AdBlue) metering quantity test: injector 1  
Reduction agent (AdBlue) system complete test  
Reducing agent (AdBlue) metering quantity test: injector 2  
Brake roller test operating mode  
Start/Stop function  
Exhaust Gas Recirculation valve (EGR) test  
Setting of soot mass value in anti particulate filter  
Adaptation of correction angle of camshaft position detection: phonic wheel angle sensor error (outlet side)

# New content on already issued systems

## AUDI - Q4 e-tron [2021] (F4)

Drive shaft load counter: reset	High voltage battery: coolant valve 1
Production mode deactivation	High voltage battery: coolant pump
Adaptation values reset	High voltage battery: coolant valve 2
Saving of ECU coding on file	High voltage battery: heater
Writing of ECU coding from file	Serial number of high-voltage / hybrid battery
Delay management: rear camera	ZSB part number
Text display on dashboard	Brake light switch
Brake lights	Brakes test switch
Brake roller test operating mode: deactivation	Brake pedal
Brake circuit bleeding	All adaptation values reset
ECU coding	Leak test
Electro-mechanical parking brake function test	Brake pedal position sensor basic setting
Hydraulic brake assistant	Brake booster bleeding
Hydraulic pump	Sluggishness test
Basic setting for brake pressure sensor	Radiator shutters
Straight brake stabilization	Coolant pump
Hydraulic test	Radiator fan 1
Tire pressure monitoring system: factory setting reset	Cooling system bleeding
Overboost in brake system	Drive type reset
Brake roller test operating mode: activation	Charging socket: flap
Parking brake pads replacement: open brake clamps	Charging socket: plug
Parking brake pads replacement: close brake clamps	Locking cycles counter reset
Brake pre-filling	High-voltage system: lock release after crash
Delay management: multiple collision brake	Hardware in loop mode
Delay management: parking assistant	Battery charger A connector: number of successful charge plug lockings
Basic setting of ESP sensors	Battery charger A connector cover: number of lockings
Delay management: emergency assistant	Battery charger A connector: connections number
Delay management: stopping distance reduction	Battery charger A connector: lockings number
Delay management: rear cross traffic assistant	Front left belt pretensioner
Delay management: trailer maneuvering assistant	Front right belt pretensioner
Delay management: pedestrian protection	Crash severity management: front, driver side
ABS in lower speed range	Crash severity management: front, passenger side
Hydraulic valves check	Crash severity management: lateral, passenger side
Parking brake actuator: opening	Crash severity management: rear, passenger side
Parking brake actuator: closing	Crash severity management: pedestrian protection
Brake roller test operating mode	Vehicle conditioning
Resetting of all adaptations	Crash-active head restraint
Delay management: ACC	Passenger knees airbag

# New content on already issued systems

## AUDI - Q4 e-tron [2021] (F4)

Pedestrian crash sensor  
Driver Airbag  
Crash severity management: rear, driver side  
Crash severity management: lateral, driver side  
Crash severity management: rollover  
Rear driver side seat belt pretensioner  
Rear passenger side seat belt pretensioner  
Igniter for deactivation of A/C system 1  
Warning messages  
Passenger airbag deactivation warning lamp (if present)  
Driver knees airbag  
Belt pretensioner basic setting  
Assistance system monitoring  
Front passenger interaction airbag  
Passenger airbag  
Front driver side lateral airbag  
Front passenger side pretensioner  
High voltage battery 3 disconnect igniter  
Occupied seat recognition, driver side  
3rd row center pretensioner  
Igniter for deactivation of A/C system 2  
Occupied seat recognition, front passenger side  
Active head restraint activations reset  
Passenger side active headrest  
Rear driver side lateral airbag  
Battery Disconnect Igniter  
Rear passenger interaction airbag  
High voltage battery 2 disconnect igniter  
DC/DC converter disconnect igniter  
Rollover protection system  
Rear driver side head airbag  
Rear passenger side head airbag  
Pre-crash system: rear left belt feeder  
Pre-crash system: rear right belt feeder  
Driver side active headrest  
Rear central seat belt pretensioner squib  
2nd battery disconnect igniter  
Pre-crash system: rear seatbelt pretensioner - left side  
Battery disconnect igniter for high voltage

Front driver side head airbag  
Front passenger side head airbag  
Front driver side pretensioner  
Passenger airbag key contact switch  
3rd row passenger side seat belt pretensioner  
3rd row driver side seat belt pretensioner  
Front passenger side lateral airbag  
Rear passenger side lateral airbag  
Windowbag  
Pre-crash system: rear seatbelt pretensioner - right side  
Pre-crash system: front seatbelt pretensioner - left side  
Pre-crash system: front seatbelt pretensioner - right side

## CITROEN - C5 X [2021] (ND\_, NC\_)

Rear left side corner radar: dynamic calibration  
Real right side corner radar: dynamic calibration

## CUPRA - BORN [2021] (K1)

Drive shaft load counter: reset  
Production mode deactivation  
Adaptation values reset  
Saving of ECU coding on file  
Writing of ECU coding from file  
Delay management: rear camera  
Text display on dashboard  
Brake lights  
Brake roller test operating mode: deactivation  
Brake circuit bleeding  
ECU coding  
Electro-mechanical parking brake function test  
Hydraulic brake assistant  
Hydraulic pump  
Basic setting for brake pressure sensor  
Straight brake stabilization  
Hydraulic test  
Tire pressure monitoring system: factory setting reset  
Overboost in brake system  
Brake roller test operating mode: activation  
Parking brake pads replacement: open brake clamps  
Parking brake pads replacement: close brake clamps



# New content on already issued systems

## CUPRA - BORN [2021] (K1)

Brake pre-filling  
Delay management: multiple collision brake  
Delay management: parking assistant  
Basic setting of ESP sensors  
Delay management: emergency assistant  
Delay management: stopping distance reduction  
Delay management: rear cross traffic assistant  
Delay management: trailer maneuvering assistant  
Delay management: pedestrian protection  
ABS in lower speed range  
Hydraulic valves check  
Parking brake actuator: opening  
Parking brake actuator: closing  
Brake roller test operating mode  
Resetting of all adaptations  
Delay management: ACC  
High voltage battery: coolant valve 1  
High voltage battery: coolant pump  
High voltage battery: coolant valve 2  
High voltage battery: heater  
Serial number of high-voltage / hybrid battery  
ZSB part number  
Brake light switch  
Brakes test switch  
Brake pedal  
All adaptation values reset  
Leak test  
Brake pedal position sensor basic setting  
Brake booster bleeding  
Sluggishness test  
Radiator shutters  
Coolant pump  
Radiator fan 1  
Cooling system bleeding  
Drive type reset  
Vehicle maintenance instructions  
INSP: max days until next time dependent inspection

INSP: days elapsed since last time dependent inspection  
Activation of views  
Display contents lock  
INSP: Max distance until next mileage dependent inspections  
INSP: Distance driven since last mileage dependent inspection  
Inspection reset  
Charging socket: flap  
Charging socket: plug  
Locking cycles counter reset  
High-voltage system: lock release after crash  
Hardware in loop mode  
Battery charger A connector: number of successful charge plug lockings  
Battery charger A connector cover: number of lockings  
Battery charger A connector: connections number  
Battery charger A connector: lockings number  
Front left belt pretensioner  
Front right belt pretensioner  
Crash severity management: front, driver side  
Crash severity management: front, passenger side  
Crash severity management: lateral, passenger side  
Crash severity management: rear, passenger side  
Crash severity management: pedestrian protection  
Vehicle conditioning  
Crash-active head restraint  
Passenger knees airbag  
Pedestrian crash sensor  
Driver Airbag  
Crash severity management: rear, driver side  
Crash severity management: lateral, driver side  
Crash severity management: rollover  
Rear driver side seat belt pretensioner  
Rear passenger side seat belt pretensioner  
Igniter for deactivation of A/C system 1  
Warning messages  
Passenger airbag deactivation warning lamp (if present)  
Driver knees airbag  
Belt pretensioner basic setting  
Assistance system monitoring

# New content on already issued systems

## CUPRA - BORN [2021] (K1)

Front passenger interaction airbag  
Passenger airbag  
Front driver side lateral airbag  
Front passenger side pretensioner  
High voltage battery 3 disconnect igniter  
Occupied seat recognition, driver side  
3rd row center pretensioner  
Igniter for deactivation of A/C system 2  
Occupied seat recognition, front passenger side  
Active head restraint activations reset  
Passenger side active headrest  
Rear driver side lateral airbag  
Battery Disconnect Igniter  
Rear passenger interaction airbag  
High voltage battery 2 disconnect igniter  
DC/DC converter disconnect igniter  
Rollover protection system  
Rear driver side head airbag  
Rear passenger side head airbag  
Pre-crash system: rear left belt feeder  
Pre-crash system: rear right belt feeder  
Driver side active headrest  
Rear central seat belt pretensioner squib  
2nd battery disconnect igniter  
Pre-crash system: rear seatbelt pretensioner - left side  
Battery disconnect igniter for high voltage  
Front driver side head airbag  
Front passenger side head airbag  
Front driver side pretensioner  
Passenger airbag key contact switch  
3rd row passenger side seat belt pretensioner  
3rd row driver side seat belt pretensioner  
Front passenger side lateral airbag  
Rear passenger side lateral airbag  
Windowbag  
Pre-crash system: rear seatbelt pretensioner - right side  
Pre-crash system: front seatbelt pretensioner - left side  
Pre-crash system: front seatbelt pretensioner - right side

## CUPRA - FORMENTOR [2020] (KM)

Front left belt pretensioner  
Front right belt pretensioner  
Crash severity management: front, driver side  
Crash severity management: front, passenger side  
Crash severity management: lateral, passenger side  
Crash severity management: rear, passenger side  
Crash severity management: pedestrian protection  
Vehicle conditioning  
Crash-active head restraint  
Passenger knees airbag  
Pedestrian crash sensor  
Driver Airbag  
Crash severity management: rear, driver side  
Crash severity management: lateral, driver side  
Crash severity management: rollover  
Rear driver side seat belt pretensioner  
Rear passenger side seat belt pretensioner  
Igniter for deactivation of A/C system 1  
Warning messages  
Passenger airbag deactivation warning lamp (if present)  
Driver knees airbag  
Belt pretensioner basic setting  
Assistance system monitoring  
Front passenger interaction airbag  
Passenger airbag  
Front driver side lateral airbag  
Front passenger side pretensioner  
High voltage battery 3 disconnect igniter  
Occupied seat recognition, driver side  
3rd row center pretensioner  
Igniter for deactivation of A/C system 2  
Occupied seat recognition, front passenger side  
Active head restraint activations reset  
Passenger side active headrest  
Rear driver side lateral airbag  
Battery Disconnect Igniter  
Rear passenger interaction airbag  
High voltage battery 2 disconnect igniter

# New content on already issued systems

## CUPRA - FORMENTOR [2020] (KM)

DC/DC converter disconnect igniter  
Rollover protection system  
Rear driver side head airbag  
Rear passenger side head airbag  
Pre-crash system: rear left belt feeder  
Pre-crash system: rear right belt feeder  
Driver side active headrest  
Rear central seat belt pretensioner squib  
2nd battery disconnect igniter  
Pre-crash system: rear seatbelt pretensioner - left side  
Battery disconnect igniter for high voltage  
Front driver side head airbag  
Front passenger side head airbag  
Saving of ECU coding on file  
Writing of ECU coding from file  
Front driver side pretensioner  
Passenger airbag key contact switch  
3rd row passenger side seat belt pretensioner  
3rd row driver side seat belt pretensioner  
Front passenger side lateral airbag  
Rear passenger side lateral airbag  
Windowbag  
Pre-crash system: rear seatbelt pretensioner - right side  
Pre-crash system: front seatbelt pretensioner - left side  
Pre-crash system: front seatbelt pretensioner - right side

## CUPRA - LEON [2020] (KL)

Front left belt pretensioner  
Front right belt pretensioner  
Crash severity management: front, driver side  
Crash severity management: front, passenger side  
Crash severity management: lateral, passenger side  
Crash severity management: rear, passenger side  
Crash severity management: pedestrian protection  
Vehicle conditioning  
Crash-active head restraint  
Passenger knees airbag  
Pedestrian crash sensor  
Driver Airbag

Crash severity management: rear, driver side  
Crash severity management: lateral, driver side  
Crash severity management: rollover  
Rear driver side seat belt pretensioner  
Rear passenger side seat belt pretensioner  
Igniter for deactivation of A/C system 1  
Warning messages  
Passenger airbag deactivation warning lamp (if present)  
Driver knees airbag  
Belt pretensioner basic setting  
Assistance system monitoring  
Front passenger interaction airbag  
Passenger airbag  
Front driver side lateral airbag  
Front passenger side pretensioner  
High voltage battery 3 disconnect igniter  
Occupied seat recognition, driver side  
3rd row center pretensioner  
Igniter for deactivation of A/C system 2  
Occupied seat recognition, front passenger side  
Active head restraint activations reset  
Passenger side active headrest  
Rear driver side lateral airbag  
Battery Disconnect Igniter  
Rear passenger interaction airbag  
High voltage battery 2 disconnect igniter  
DC/DC converter disconnect igniter  
Rollover protection system  
Rear driver side head airbag  
Rear passenger side head airbag  
Pre-crash system: rear left belt feeder  
Pre-crash system: rear right belt feeder  
Driver side active headrest  
Rear central seat belt pretensioner squib  
2nd battery disconnect igniter  
Pre-crash system: rear seatbelt pretensioner - left side  
Battery disconnect igniter for high voltage  
Front driver side head airbag  
Front passenger side head airbag  
Saving of ECU coding on file

# New content on already issued systems

## CUPRA - LEON [2020] (KL)

Writing of ECU coding from file  
Front driver side pretensioner  
Passenger airbag key contact switch  
3rd row passenger side seat belt pretensioner  
3rd row driver side seat belt pretensioner  
Front passenger side lateral airbag  
Rear passenger side lateral airbag  
Windowbag  
Pre-crash system: rear seatbelt pretensioner - right side  
Pre-crash system: front seatbelt pretensioner - left side  
Pre-crash system: front seatbelt pretensioner - right side

## LEXUS - LC [2016] (Z10)

Check mode: enable

## LEXUS - LS [2017] (F5)

Check mode: enable

## LEXUS - RX [2016-2022] (L2)

Check mode: enable

## LEXUS - UX [2018] (ZA10)

Check mode: enable

## MERCEDES BENZ - EQC [2019] (293)

Coolant pumps release  
Coolant pumps lock  
Coolant circulation pump  
Coolant pump 1: high-temperature circuit  
Coolant pump 2: low-temperature circuit  
High-voltage battery cooling switchover valve  
Battery heater check  
Electronic contacting check of coolant pumps via LIN bus  
Electrical contacting check of 87M relay  
Electrical contacting check of fans  
Electric vacuum pump check  
Resetting of vacuum pump runtime  
Bleeding of passenger compartment / high voltage battery coolant circuit

Electric drivetrain: bleeding the coolant circuit  
Unlocking of high-voltage component locks of all high-voltage battery modules  
Control module reset

## MERCEDES BENZ - GLC [2015-2022] (X253)

Coolant pumps release  
Coolant pumps lock  
Coolant circulation pump  
Coolant pump 1: high-temperature circuit  
Coolant pump 2: low-temperature circuit  
High-voltage battery cooling switchover valve  
Battery heater check  
Electronic contacting check of coolant pumps via LIN bus  
Electrical contacting check of 87M relay  
Electrical contacting check of fans  
Electric vacuum pump check  
Resetting of vacuum pump runtime  
Bleeding of passenger compartment / high voltage battery coolant circuit  
Electric drivetrain: bleeding the coolant circuit  
Unlocking of high-voltage component locks of all high-voltage battery modules  
Control module reset

## MERCEDES BENZ - SPRINTER [2018] (907-910)

Coolant pumps release  
Coolant pumps lock  
Coolant circulation pump  
Coolant pump 1: high-temperature circuit  
Coolant pump 2: low-temperature circuit  
High-voltage battery cooling switchover valve  
Battery heater check  
Electronic contacting check of coolant pumps via LIN bus  
Electrical contacting check of 87M relay  
Electrical contacting check of fans  
Electric vacuum pump check  
Resetting of vacuum pump runtime  
Bleeding of passenger compartment / high voltage battery coolant circuit

# New content on already issued systems

## MERCEDES BENZ - SPRINTER [2018] (907-910)

Electric drivetrain: bleeding the coolant circuit  
Unlocking of high-voltage component locks of all high-voltage battery modules  
Control module reset

## MERCEDES BENZ - V [2014] (447)

Coolant pumps release  
Coolant pumps lock  
Coolant circulation pump  
Coolant pump 1: high-temperature circuit  
Coolant pump 2: low-temperature circuit  
High-voltage battery cooling switchover valve  
Battery heater check  
Electronic contacting check of coolant pumps via LIN bus  
Electrical contacting check of 87M relay  
Electrical contacting check of fans  
Electric vacuum pump check  
Resetting of vacuum pump runtime  
Bleeding of passenger compartment / high voltage battery coolant circuit  
Electric drivetrain: bleeding the coolant circuit  
Unlocking of high-voltage component locks of all high-voltage battery modules  
Control module reset

## PEUGEOT - 308 [2021] (P5)

Rear left side corner radar: dynamic calibration  
Rear right side corner radar: dynamic calibration

## PEUGEOT - 408 [2022]

Rear right side corner radar: dynamic calibration  
Rear left side corner radar: dynamic calibration

## PORSCHE - MACAN [2013] (95B)

ECU coding  
Saving of ECU coding on file  
Writing of ECU coding from file  
Tire pressure monitoring system (TPMS): wheels sensors ID codes Writing

## SEAT - LEON [2020] (KL)

Fuel pump  
EGR valve 1  
Radiator shutters  
Reducing agent (AdBlue) heater  
Reducing agent (AdBlue) heater 2  
Coolant pump for intercooler  
Radiator 1 fan command  
Preheating glow 1 control unit  
Exhaust flap  
EGR valve 2  
Compression test  
Particulate filter forced regeneration (moving vehicle)  
Particulate filter forced regeneration (stationary vehicle)  
CAN communication monitoring reset  
Test of disassembled turbocharger actuator  
Fuel high pressure system: leakage measuring point  
Switchable coolant pump  
Control deviation test of exhaust gas recirculation system  
Lambda probe test  
Air mass flow meter plausibility test  
Automatic glow time control unit test  
Turbocharger Test  
Fuel circuit bleeding  
Reset reducing agent (AdBlue) lock  
Manual test on exhaust flap  
Charge pressure actuator test  
Automatic test of low pressure EGR valve  
Radiator shutters adaptation  
Fuel high pressure system: engine start leak test  
Reducing agent (AdBlue) duct emptying  
Catalytic converter aging reset  
Adaptation of correction angle of camshaft position detection: angle sensor error (outlet side)  
Adaptation of correction angle of camshaft position detection: angle sensor error (inlet side)  
Oil pump pressure level change-over test  
Fuel tank emptying  
Adaptation of correction angle of camshaft position detection: phonic wheel angle sensor error (inlet side)  
Fuel system flow rate test



# New content on already issued systems

## SEAT - LEON [2020] (KL)

Reducing agent system quality sensor adaptation  
 Reducing agent quality test  
 Reducing agent (AdBlue) metering quantity test: injector 1  
 Reduction agent (AdBlue) system complete test  
 Reducing agent (AdBlue) metering quantity test: injector 2  
 Brake roller test operating mode  
 Start/Stop function  
 Exhaust Gas Recirculation valve (EGR) test  
 Setting of soot mass value in anti particulate filter  
 Adaptation of correction angle of camshaft position detection:  
 phonic wheel angle sensor error (outlet side)  
 Front left belt pretensioner  
 Front right belt pretensioner  
 Crash severity management: front, driver side  
 Crash severity management: front, passenger side  
 Crash severity management: lateral, passenger side  
 Crash severity management: rear, passenger side  
 Crash severity management: pedestrian protection  
 Vehicle conditioning  
 Crash-active head restraint  
 Passenger knees airbag  
 Pedestrian crash sensor  
 Driver Airbag  
 Crash severity management: rear, driver side  
 Crash severity management: lateral, driver side  
 Crash severity management: rollover  
 Rear driver side seat belt pretensioner  
 Rear passenger side seat belt pretensioner  
 Igniter for deactivation of A/C system 1  
 Warning messages  
 Passenger airbag deactivation warning lamp (if present)  
 Driver knees airbag  
 Belt pretensioner basic setting  
 Assistance system monitoring  
 Front passenger interaction airbag  
 Passenger airbag  
 Front driver side lateral airbag  
 Front passenger side pretensioner  
 High voltage battery 3 disconnect igniter

Occupied seat recognition, driver side  
 3rd row center pretensioner  
 Igniter for deactivation of A/C system 2  
 Occupied seat recognition, front passenger side  
 Active head restraint activations reset  
 Passenger side active headrest  
 Rear driver side lateral airbag  
 Battery Disconnect Igniter  
 Rear passenger interaction airbag  
 High voltage battery 2 disconnect igniter  
 DC/DC converter disconnect igniter  
 Rollover protection system  
 Rear driver side head airbag  
 Rear passenger side head airbag  
 Pre-crash system: rear left belt feeder  
 Pre-crash system: rear right belt feeder  
 Driver side active headrest  
 Rear central seat belt pretensioner squib  
 2nd battery disconnect igniter  
 Pre-crash system: rear seatbelt pretensioner - left side  
 Battery disconnect igniter for high voltage  
 Front driver side head airbag  
 Front passenger side head airbag  
 Saving of ECU coding on file  
 Writing of ECU coding from file  
 Front driver side pretensioner  
 Passenger airbag key contact switch  
 3rd row passenger side seat belt pretensioner  
 3rd row driver side seat belt pretensioner  
 Front passenger side lateral airbag  
 Rear passenger side lateral airbag  
 Windowbag  
 Pre-crash system: rear seatbelt pretensioner - right side  
 Pre-crash system: front seatbelt pretensioner - left side  
 Pre-crash system: front seatbelt pretensioner - right side

## SKODA - ENYAQ [2020] (NY)

Drive shaft load counter: reset  
 Production mode deactivation  
 Adaptation values reset

# New content on already issued systems

## SKODA - ENYAQ [2020] (NY)

Saving of ECU coding on file	Serial number of high-voltage / hybrid battery
Writing of ECU coding from file	ZSB part number
Delay management: rear camera	Radiator shutters
Text display on dashboard	Coolant pump
Brake lights	Radiator fan 1
Brake roller test operating mode: deactivation	Cooling system bleeding
Brake circuit bleeding	Drive type reset
ECU coding	Vehicle maintenance instructions
Electro-mechanical parking brake function test	INSP: max days until next time dependent inspection
Hydraulic brake assistant	INSP: days elapsed since last time dependent inspection
Hydraulic pump	Activation of views
Basic setting for brake pressure sensor	Display contents lock
Straight brake stabilization	INSP: Max distance until next mileage dependent inspections
Hydraulic test	INSP: Distance driven since last mileage dependent inspection
Tire pressure monitoring system: factory setting reset	Inspection reset
Overboost in brake system	Charging socket: flap
Brake roller test operating mode: activation	Charging socket: plug
Parking brake pads replacement: open brake clamps	Locking cycles counter reset
Parking brake pads replacement: close brake clamps	High-voltage system: lock release after crash
Brake pre-filling	Hardware in loop mode
Delay management: multiple collision brake	Battery charger A connector: number of successful charge plug lockings
Delay management: parking assistant	Battery charger A connector cover: number of lockings
Basic setting of ESP sensors	Battery charger A connector: connections number
Delay management: emergency assistant	Battery charger A connector: lockings number
Delay management: stopping distance reduction	Front left belt pretensioner
Delay management: rear cross traffic assistant	Front right belt pretensioner
Delay management: trailer maneuvering assistant	Crash severity management: front, driver side
Delay management: pedestrian protection	Crash severity management: front, passenger side
ABS in lower speed range	Crash severity management: lateral, passenger side
Hydraulic valves check	Crash severity management: rear, passenger side
Parking brake actuator: opening	Crash severity management: pedestrian protection
Parking brake actuator: closing	Vehicle conditioning
Brake roller test operating mode	Crash-active head restraint
Resetting of all adaptations	Passenger knees airbag
Delay management: ACC	Pedestrian crash sensor
High voltage battery: coolant valve 1	Driver Airbag
High voltage battery: coolant pump	Crash severity management: rear, driver side
High voltage battery: coolant valve 2	Crash severity management: lateral, driver side
High voltage battery: heater	Crash severity management: rollover

# New content on already issued systems

## SKODA - ENYAQ [2020] (NY)

Rear driver side seat belt pretensioner  
Rear passenger side seat belt pretensioner  
Igniter for deactivation of A/C system 1  
Warning messages  
Passenger airbag deactivation warning lamp (if present)  
Driver knees airbag  
Belt pretensioner basic setting  
Assistance system monitoring  
Front passenger interaction airbag  
Passenger airbag  
Front driver side lateral airbag  
Front passenger side pretensioner  
High voltage battery 3 disconnect igniter  
Occupied seat recognition, driver side  
3rd row center pretensioner  
Igniter for deactivation of A/C system 2  
Occupied seat recognition, front passenger side  
Active head restraint activations reset  
Passenger side active headrest  
Rear driver side lateral airbag  
Battery Disconnect Igniter  
Rear passenger interaction airbag  
High voltage battery 2 disconnect igniter  
DC/DC converter disconnect igniter  
Rollover protection system  
Rear driver side head airbag  
Rear passenger side head airbag  
Pre-crash system: rear left belt feeder  
Pre-crash system: rear right belt feeder  
Driver side active headrest  
Rear central seat belt pretensioner squib  
2nd battery disconnect igniter  
Pre-crash system: rear seatbelt pretensioner - left side  
Battery disconnect igniter for high voltage  
Front driver side head airbag  
Front passenger side head airbag  
Front driver side pretensioner  
Passenger airbag key contact switch  
3rd row passenger side seat belt pretensioner

3rd row driver side seat belt pretensioner  
Front passenger side lateral airbag  
Rear passenger side lateral airbag  
Windowbag  
Pre-crash system: rear seatbelt pretensioner - right side  
Pre-crash system: front seatbelt pretensioner - left side  
Pre-crash system: front seatbelt pretensioner - right side

## SKODA - OCTAVIA [2020] (NX)

All adaptation values reset  
ECU coding  
Brake roller test operating mode  
Oil pressure reservoir emptying  
Installation information adaptation  
Transmission hydraulic pump: basic setting  
Clutch: adaptation values reset  
Disengagement clutch: characteristic curve reset  
Transmission: basic setting  
Gear actuator and dual clutch: basic setting  
Disengagement clutch: basic setting  
Gear actuator: adaptation values reset  
Start double clutch fast adaptation  
Saving of ECU coding on file  
Clutch characteristic curve: adaptation values reset  
Disengagement clutch: adaptation values reset  
Set gearbox mileage to vehicle mileage  
Gearbox mileage reset  
Set clutch mileage to zero  
Writing of ECU coding from file  
Oil pressure reservoir filling  
Check transmission fluid level  
Transmission fluid emptying  
Transmission fluid filling  
Synchronization points calibration  
Fuel pump  
EGR valve 1  
Radiator shutters  
Reducing agent (AdBlue) heater  
Reducing agent (AdBlue) heater 2  
Coolant pump for intercooler

# New content on already issued systems

## SKODA - OCTAVIA [2020] (NX)

Radiator 1 fan command	Start/Stop function
Preheating glow 1 control unit	Exhaust Gas Recirculation valve (EGR) test
Exhaust flap	Setting of soot mass value in anti particulate filter
EGR valve 2	Adaptation of correction angle of camshaft position detection: phonic wheel angle sensor error (outlet side)
Compression test	Fuel metering valve
Particulate filter forced regeneration (moving vehicle)	Fuel tank vent valve
Particulate filter forced regeneration (stationary vehicle)	Gas fuel tank shut-off valve
CAN communication monitoring reset	Exhaust bypass valve
Test of disassembled turbocharger actuator	Camshaft adjustment inlet side bank 1
Fuel high pressure system: leakage measuring point	Coolant recirculation pump 2
Switchable coolant pump	Engine cooling fan 1
Control deviation test of exhaust gas recirculation system	Radiator shutter 2: position (target value)
Lambda probe test	Turbocharger adaptation
Air mass flow meter plausibility test	Operating mode switching (ignition dependant)
Automatic glow time control unit test	Operating mode switching (mileage dependant)
Turbocharger Test	Camshaft adjustment exhaust side bank 1
Fuel circuit bleeding	Engine temperature management actuator
Reset reducing agent (AdBlue) lock	Natural gas fuel system: pressure restore
Manual test on exhaust flap	Throttle valve adaptation test
Charge pressure actuator test	Fuel tank ventilation valve test
Automatic test of low pressure EGR valve	Natural gas (CNG): quality (target value)
Radiator shutters adaptation	Radiator shutter 1: position (target value)
Fuel high pressure system: engine start leak test	Camshaft synchronization test
Reducing agent (AdBlue) duct emptying	Engine run-in oil pressure
Catalytic converter aging reset	Test of mixture deviation in gas operation
Adaptation of correction angle of camshaft position detection: angle sensor error (outlet side)	Intake manifold pressure calibration
Adaptation of correction angle of camshaft position detection: angle sensor error (inlet side)	Autonomous mode activation
Oil pump pressure level change-over test	Natural gas fuel system: pressure reduction
Fuel tank emptying	Injectors adaptation values reset
Adaptation of correction angle of camshaft position detection: phonic wheel angle sensor error (inlet side)	Lambda probe regulation test
Fuel system flow rate test	Exhaust camshaft adjustment test
Reducing agent system quality sensor adaptation	Lambda probe heater test downstream catalyst
Reducing agent quality test	Bank 1 lambda probe 1 heater test
Reducing agent (AdBlue) metering quantity test: injector 1	Phonic wheel: adaption values reset
Reduction agent (AdBlue) system complete test	Injector valves: adaption values reset
Reducing agent (AdBlue) metering quantity test: injector 2	Phonic wheel: fine adaption values reset
	Adaptation of camshaft correction angle: cylinder 1 (inlet side)
	Charge pressure actuator adaptation
	Coolant circuit bleeding

# New content on already issued systems

## SKODA - OCTAVIA [2020] (NX)

Adaptation of camshaft correction angle: cylinder 4 (inlet side)  
Adaptation of camshaft correction angle: cylinder 4 (outlet side)  
Adaptation of camshaft correction angle: cylinder 3 (outlet side)  
Adaptation of camshaft correction angle: cylinder 2 (outlet side)  
Fuel supply system test  
Oxygen sensors and catalytic converter check  
Crankshaft phonic wheel: adaption values reset  
Adaptation of camshaft correction angle: cylinder 2 (inlet side)  
Adaptation of camshaft correction angle: cylinder 3 (inlet side)  
Adaptation of correction angle of camshaft position detection:  
phonic wheel angle sensor error  
Adaptation of camshaft correction angle: cylinder 1 (outlet side)  
Rail pressure reduction  
Throttle valve adaptive value resetting  
Gear neutral position sensor adaptation  
Intake camshaft adjustment check  
Cylinder-specific pre-ignition counter reset  
Adaptation of correction angle of camshaft position detection:  
angle sensor error  
Warming up phase 2  
Warming up phase 1  
Front left belt pretensioner  
Front right belt pretensioner  
Crash severity management: front, driver side  
Crash severity management: front, passenger side  
Crash severity management: lateral, passenger side  
Crash severity management: rear, passenger side  
Crash severity management: pedestrian protection  
Vehicle conditioning  
Crash-active head restraint  
Passenger knees airbag  
Pedestrian crash sensor  
Driver Airbag  
Crash severity management: rear, driver side  
Crash severity management: lateral, driver side  
Crash severity management: rollover  
Rear driver side seat belt pretensioner  
Rear passenger side seat belt pretensioner  
Igniter for deactivation of A/C system 1

Warning messages  
Passenger airbag deactivation warning lamp (if present)  
Driver knees airbag  
Belt pretensioner basic setting  
Assistance system monitoring  
Front passenger interaction airbag  
Passenger airbag  
Front driver side lateral airbag  
Front passenger side pretensioner  
High voltage battery 3 disconnect igniter  
Occupied seat recognition, driver side  
3rd row center pretensioner  
Igniter for deactivation of A/C system 2  
Occupied seat recognition, front passenger side  
Active head restraint activations reset  
Passenger side active headrest  
Rear driver side lateral airbag  
Battery Disconnect Igniter  
Rear passenger interaction airbag  
High voltage battery 2 disconnect igniter  
DC/DC converter disconnect igniter  
Rollover protection system  
Rear driver side head airbag  
Rear passenger side head airbag  
Pre-crash system: rear left belt feeder  
Pre-crash system: rear right belt feeder  
Driver side active headrest  
Rear central seat belt pretensioner squib  
2nd battery disconnect igniter  
Pre-crash system: rear seatbelt pretensioner - left side  
Battery disconnect igniter for high voltage  
Front driver side head airbag  
Front passenger side head airbag  
Front driver side pretensioner  
Passenger airbag key contact switch  
3rd row passenger side seat belt pretensioner  
3rd row driver side seat belt pretensioner  
Front passenger side lateral airbag  
Rear passenger side lateral airbag  
Windowbag

# New content on already issued systems

## SKODA - OCTAVIA [2020] (NX)

Pre-crash system: rear seatbelt pretensioner - right side  
Pre-crash system: front seatbelt pretensioner - left side  
Pre-crash system: front seatbelt pretensioner - right side

## SKODA - SUPERB [2015] (3V)

Fuel pump  
EGR valve 1  
Radiator shutters  
Reducing agent (AdBlue) heater  
Reducing agent (AdBlue) heater 2  
Coolant pump for intercooler  
Radiator 1 fan command  
Preheating glow 1 control unit  
Exhaust flap  
EGR valve 2  
Compression test  
Particulate filter forced regeneration (moving vehicle)  
Particulate filter forced regeneration (stationary vehicle)  
CAN communication monitoring reset  
Test of disassembled turbocharger actuator  
Fuel high pressure system: leakage measuring point  
Switchable coolant pump  
Control deviation test of exhaust gas recirculation system  
Lambda probe test  
Air mass flow meter plausibility test  
Automatic glow time control unit test  
Turbocharger Test  
Fuel circuit bleeding  
Reset reducing agent (AdBlue) lock  
Manual test on exhaust flap  
Charge pressure actuator test  
Automatic test of low pressure EGR valve  
Radiator shutters adaptation  
Fuel high pressure system: engine start leak test  
Reducing agent (AdBlue) duct emptying  
Catalytic converter aging reset  
Adaptation of correction angle of camshaft position detection: angle sensor error (outlet side)  
Adaptation of correction angle of camshaft position detection: angle sensor error (inlet side)

Oil pump pressure level change-over test  
Fuel tank emptying  
Adaptation of correction angle of camshaft position detection: phonic wheel angle sensor error (inlet side)  
Fuel system flow rate test  
Reducing agent system quality sensor adaptation  
Reducing agent quality test  
Reducing agent (AdBlue) metering quantity test: injector 1  
Reduction agent (AdBlue) system complete test  
Reducing agent (AdBlue) metering quantity test: injector 2  
Brake roller test operating mode  
Start/Stop function  
Exhaust Gas Recirculation valve (EGR) test  
Setting of soot mass value in anti particulate filter  
Adaptation of correction angle of camshaft position detection: phonic wheel angle sensor error (outlet side)

## SUZUKI - ACROSS [2020] (A5Z)

Check mode: enable

## SUZUKI - SWACE [2020] (AMZ)

Check mode: enable

## TOYOTA - AVALON [2012-2018] (X4)

Check mode: enable

## TOYOTA - C-HR [2016-2023] (X1)

Check mode: enable

## TOYOTA - COROLLA [2019] (E21)

Check mode: enable

## TOYOTA - NOAH [2014-2021] (R80)

Check mode: enable

## TOYOTA - PRIUS [2016] (W5)

Check mode: enable

## TOYOTA - RAV 4 V [2018] (A5)

Check mode: enable



# New content on already issued systems

## TOYOTA - VOXY [2013-2021] (R80)

Check mode: enable

## TOYOTA - YARIS [2020] (P21)

Check mode: enable

## TOYOTA - YARIS CROSS [2020] (P21)

Check mode: enable

## VOLKSWAGEN - ARTEON [2017]

Fuel pump  
EGR valve 1  
Radiator shutters  
Reducing agent (AdBlue) heater  
Reducing agent (AdBlue) heater 2  
Coolant pump for intercooler  
Radiator 1 fan command  
Preheating glow 1 control unit  
Exhaust flap  
EGR valve 2  
Compression test  
Particulate filter forced regeneration (moving vehicle)  
Particulate filter forced regeneration (stationary vehicle)  
CAN communication monitoring reset  
Test of disassembled turbocharger actuator  
Fuel high pressure system: leakage measuring point  
Switchable coolant pump  
Control deviation test of exhaust gas recirculation system  
Lambda probe test  
Air mass flow meter plausibility test  
Automatic glow time control unit test  
Turbocharger Test  
Fuel circuit bleeding  
Reset reducing agent (AdBlue) lock  
Manual test on exhaust flap  
Charge pressure actuator test  
Automatic test of low pressure EGR valve  
Radiator shutters adaptation  
Fuel high pressure system: engine start leak test  
Reducing agent (AdBlue) duct emptying

Catalytic converter aging reset  
Adaptation of correction angle of camshaft position detection: angle sensor error (outlet side)  
Adaptation of correction angle of camshaft position detection: angle sensor error (inlet side)  
Oil pump pressure level change-over test  
Fuel tank emptying  
Adaptation of correction angle of camshaft position detection: phonic wheel angle sensor error (inlet side)  
Fuel system flow rate test  
Reducing agent system quality sensor adaptation  
Reducing agent quality test  
Reducing agent (AdBlue) metering quantity test: injector 1  
Reduction agent (AdBlue) system complete test  
Reducing agent (AdBlue) metering quantity test: injector 2  
Brake roller test operating mode  
Start/Stop function  
Exhaust Gas Recirculation valve (EGR) test  
Setting of soot mass value in anti particulate filter  
Adaptation of correction angle of camshaft position detection: phonic wheel angle sensor error (outlet side)

## VOLKSWAGEN - CADDY V [2020] (SB)

Natural gas (CNG): warning reset  
Natural gas (CNG): time to next maintenance  
Front left belt pretensioner  
Front right belt pretensioner  
Crash severity management: front, driver side  
Crash severity management: front, passenger side  
Crash severity management: lateral, passenger side  
Crash severity management: rear, passenger side  
Crash severity management: pedestrian protection  
Vehicle conditioning  
Crash-active head restraint  
Passenger knees airbag  
Pedestrian crash sensor  
Driver Airbag  
Crash severity management: rear, driver side  
Crash severity management: lateral, driver side  
Crash severity management: rollover

# New content on already issued systems

## VOLKSWAGEN - CADDY V [2020] (SB)

Rear driver side seat belt pretensioner  
 Rear passenger side seat belt pretensioner  
 Igniter for deactivation of A/C system 1  
 Warning messages  
 Passenger airbag deactivation warning lamp (if present)  
 Driver knees airbag  
 Belt pretensioner basic setting  
 Assistance system monitoring  
 Front passenger interaction airbag  
 Passenger airbag  
 Front driver side lateral airbag  
 Front passenger side pretensioner  
 High voltage battery 3 disconnect igniter  
 Occupied seat recognition, driver side  
 3rd row center pretensioner  
 Igniter for deactivation of A/C system 2  
 Occupied seat recognition, front passenger side  
 Active head restraint activations reset  
 Passenger side active headrest  
 Rear driver side lateral airbag  
 Battery Disconnect Igniter  
 Rear passenger interaction airbag  
 High voltage battery 2 disconnect igniter  
 DC/DC converter disconnect igniter  
 Rollover protection system  
 Rear driver side head airbag  
 Rear passenger side head airbag  
 Pre-crash system: rear left belt feeder  
 Pre-crash system: rear right belt feeder  
 Driver side active headrest  
 Rear central seat belt pretensioner squib  
 2nd battery disconnect igniter  
 Pre-crash system: rear seatbelt pretensioner - left side  
 Battery disconnect igniter for high voltage  
 Front driver side head airbag  
 Front passenger side head airbag  
 Saving of ECU coding on file  
 Writing of ECU coding from file  
 Front driver side pretensioner

Passenger airbag key contact switch  
 3rd row passenger side seat belt pretensioner  
 3rd row driver side seat belt pretensioner  
 Front passenger side lateral airbag  
 Rear passenger side lateral airbag  
 Windowbag  
 Pre-crash system: rear seatbelt pretensioner - right side  
 Pre-crash system: front seatbelt pretensioner - left side  
 Pre-crash system: front seatbelt pretensioner - right side

## VOLKSWAGEN - FOX [2005-2014] (5Z)

Activations  
 Steering wheel angle sensor calibration  
 ECU coding  
 Basic setting-advance mode  
 Adaptation (Advanced mode)  
 Login  
 Security access  
 ABS purge  
 System function test

## VOLKSWAGEN - GOLF VIII [2020] (CD)

Fuel pump  
 EGR valve 1  
 Radiator shutters  
 Reducing agent (AdBlue) heater  
 Reducing agent (AdBlue) heater 2  
 Coolant pump for intercooler  
 Radiator 1 fan command  
 Preheating glow 1 control unit  
 Exhaust flap  
 EGR valve 2  
 Compression test  
 Particulate filter forced regeneration (moving vehicle)  
 Particulate filter forced regeneration (stationary vehicle)  
 CAN communication monitoring reset  
 Test of disassembled turbocharger actuator  
 Fuel high pressure system: leakage measuring point  
 Switchable coolant pump  
 Control deviation test of exhaust gas recirculation system

# New content on already issued systems

## VOLKSWAGEN - GOLF VIII [2020] (CD)

Lambda probe test  
 Air mass flow meter plausibility test  
 Automatic glow time control unit test  
 Turbocharger Test  
 Fuel circuit bleeding  
 Reset reducing agent (AdBlue) lock  
 Manual test on exhaust flap  
 Charge pressure actuator test  
 Automatic test of low pressure EGR valve  
 Radiator shutters adaptation  
 Fuel high pressure system: engine start leak test  
 Reducing agent (AdBlue) duct emptying  
 Catalytic converter aging reset  
 Adaptation of correction angle of camshaft position detection: angle sensor error (outlet side)  
 Adaptation of correction angle of camshaft position detection: angle sensor error (inlet side)  
 Oil pump pressure level change-over test  
 Fuel tank emptying  
 Adaptation of correction angle of camshaft position detection: phonic wheel angle sensor error (inlet side)  
 Fuel system flow rate test  
 Reducing agent system quality sensor adaptation  
 Reducing agent quality test  
 Reducing agent (AdBlue) metering quantity test: injector 1  
 Reduction agent (AdBlue) system complete test  
 Reducing agent (AdBlue) metering quantity test: injector 2  
 Brake roller test operating mode  
 Start/Stop function  
 Exhaust Gas Recirculation valve (EGR) test  
 Setting of soot mass value in anti particulate filter  
 Adaptation of correction angle of camshaft position detection: phonic wheel angle sensor error (outlet side)

## VOLKSWAGEN - ID.3 [2020] (E1)

Drive shaft load counter: reset  
 Production mode deactivation  
 Adaptation values reset  
 Saving of ECU coding on file

Writing of ECU coding from file  
 Delay management: rear camera  
 Text display on dashboard  
 Brake lights  
 Brake roller test operating mode: deactivation  
 Brake circuit bleeding  
 ECU coding  
 Electro-mechanical parking brake function test  
 Hydraulic brake assistant  
 Hydraulic pump  
 Basic setting for brake pressure sensor  
 Straight brake stabilization  
 Hydraulic test  
 Tire pressure monitoring system: factory setting reset  
 Overboost in brake system  
 Brake roller test operating mode: activation  
 Parking brake pads replacement: open brake clamps  
 Parking brake pads replacement: close brake clamps  
 Brake pre-filling  
 Delay management: multiple collision brake  
 Delay management: parking assistant  
 Basic setting of ESP sensors  
 Delay management: emergency assistant  
 Delay management: stopping distance reduction  
 Delay management: rear cross traffic assistant  
 Delay management: trailer maneuvering assistant  
 Delay management: pedestrian protection  
 ABS in lower speed range  
 Hydraulic valves check  
 Parking brake actuator: opening  
 Parking brake actuator: closing  
 Brake roller test operating mode  
 Resetting of all adaptations  
 Delay management: ACC  
 High voltage battery: coolant valve 1  
 High voltage battery: coolant pump  
 High voltage battery: coolant valve 2  
 High voltage battery: heater  
 Serial number of high-voltage / hybrid battery  
 ZSB part number

# New content on already issued systems

## VOLKSWAGEN - ID.3 [2020] (E1)

Brake light switch	Crash-active head restraint
Brakes test switch	Passenger knees airbag
Brake pedal	Pedestrian crash sensor
All adaptation values reset	Driver Airbag
Leak test	Crash severity management: rear, driver side
Brake pedal position sensor basic setting	Crash severity management: lateral, driver side
Brake booster bleeding	Crash severity management: rollover
Sluggishness test	Rear driver side seat belt pretensioner
Radiator shutters	Rear passenger side seat belt pretensioner
Coolant pump	Igniter for deactivation of A/C system 1
Radiator fan 1	Warning messages
Cooling system bleeding	Passenger airbag deactivation warning lamp (if present)
Drive type reset	Driver knees airbag
Vehicle maintenance instructions	Belt pretensioner basic setting
INSP: max days until next time dependent inspection	Assistance system monitoring
INSP: days elapsed since last time dependent inspection	Front passenger interaction airbag
Activation of views	Passenger airbag
Display contents lock	Front driver side lateral airbag
INSP: Max distance until next mileage dependent inspections	Front passenger side pretensioner
INSP: Distance driven since last mileage dependent inspection	High voltage battery 3 disconnect igniter
Inspection reset	Occupied seat recognition, driver side
Charging socket: flap	3rd row center pretensioner
Charging socket: plug	Igniter for deactivation of A/C system 2
Locking cycles counter reset	Occupied seat recognition, front passenger side
High-voltage system: lock release after crash	Active head restraint activations reset
Hardware in loop mode	Passenger side active headrest
Battery charger A connector: number of successful charge plug lockings	Rear driver side lateral airbag
Battery charger A connector cover: number of lockings	Battery Disconnect Igniter
Battery charger A connector: connections number	Rear passenger interaction airbag
Battery charger A connector: lockings number	High voltage battery 2 disconnect igniter
Front left belt pretensioner	DC/DC converter disconnect igniter
Front right belt pretensioner	Rollover protection system
Crash severity management: front, driver side	Rear driver side head airbag
Crash severity management: front, passenger side	Rear passenger side head airbag
Crash severity management: lateral, passenger side	Pre-crash system: rear left belt feeder
Crash severity management: rear, passenger side	Pre-crash system: rear right belt feeder
Crash severity management: pedestrian protection	Driver side active headrest
Vehicle conditioning	Rear central seat belt pretensioner squib
	2nd battery disconnect igniter
	Pre-crash system: rear seatbelt pretensioner - left side

# New content on already issued systems

## VOLKSWAGEN - ID.3 [2020] (E1)

Battery disconnect igniter for high voltage  
Front driver side head airbag  
Front passenger side head airbag  
Front driver side pretensioner  
Passenger airbag key contact switch  
3rd row passenger side seat belt pretensioner  
3rd row driver side seat belt pretensioner  
Front passenger side lateral airbag  
Rear passenger side lateral airbag  
Windowbag  
Pre-crash system: rear seatbelt pretensioner - right side  
Pre-crash system: front seatbelt pretensioner - left side  
Pre-crash system: front seatbelt pretensioner - right side

## VOLKSWAGEN - ID.4 [2020] (E21)

Drive shaft load counter: reset  
Production mode deactivation  
Adaptation values reset  
Saving of ECU coding on file  
Writing of ECU coding from file  
Delay management: rear camera  
Text display on dashboard  
Brake lights  
Brake roller test operating mode: deactivation  
Brake circuit bleeding  
ECU coding  
Electro-mechanical parking brake function test  
Hydraulic brake assistant  
Hydraulic pump  
Basic setting for brake pressure sensor  
Straight brake stabilization  
Hydraulic test  
Tire pressure monitoring system: factory setting reset  
Overboost in brake system  
Brake roller test operating mode: activation  
Parking brake pads replacement: open brake clamps  
Parking brake pads replacement: close brake clamps  
Brake pre-filling  
Delay management: multiple collision brake

Delay management: parking assistant  
Basic setting of ESP sensors  
Delay management: emergency assistant  
Delay management: stopping distance reduction  
Delay management: rear cross traffic assistant  
Delay management: trailer maneuvering assistant  
Delay management: pedestrian protection  
ABS in lower speed range  
Hydraulic valves check  
Parking brake actuator: opening  
Parking brake actuator: closing  
Brake roller test operating mode  
Resetting of all adaptations  
Delay management: ACC  
High voltage battery: coolant valve 1  
High voltage battery: coolant pump  
High voltage battery: coolant valve 2  
High voltage battery: heater  
Serial number of high-voltage / hybrid battery  
ZSB part number  
Brake light switch  
Brakes test switch  
Brake pedal  
All adaptation values reset  
Leak test  
Brake pedal position sensor basic setting  
Brake booster bleeding  
Sluggishness test  
Radiator shutters  
Coolant pump  
Radiator fan 1  
Cooling system bleeding  
Drive type reset  
Vehicle maintenance instructions  
INSP: max days until next time dependent inspection  
INSP: days elapsed since last time dependent inspection  
Activation of views  
Display contents lock  
INSP: Max distance until next mileage dependent inspections  
INSP: Distance driven since last mileage dependent inspection

# New content on already issued systems

## VOLKSWAGEN - ID.4 [2020] (E21)

Inspection reset  
 Charging socket: flap  
 Charging socket: plug  
 Locking cycles counter reset  
 High-voltage system: lock release after crash  
 Hardware in loop mode  
 Battery charger A connector: number of successful charge plug lockings  
 Battery charger A connector cover: number of lockings  
 Battery charger A connector: connections number  
 Battery charger A connector: lockings number  
 Front left belt pretensioner  
 Front right belt pretensioner  
 Crash severity management: front, driver side  
 Crash severity management: front, passenger side  
 Crash severity management: lateral, passenger side  
 Crash severity management: rear, passenger side  
 Crash severity management: pedestrian protection  
 Vehicle conditioning  
 Crash-active head restraint  
 Passenger knees airbag  
 Pedestrian crash sensor  
 Driver Airbag  
 Crash severity management: rear, driver side  
 Crash severity management: lateral, driver side  
 Crash severity management: rollover  
 Rear driver side seat belt pretensioner  
 Rear passenger side seat belt pretensioner  
 Igniter for deactivation of A/C system 1  
 Warning messages  
 Passenger airbag deactivation warning lamp (if present)  
 Driver knees airbag  
 Belt pretensioner basic setting  
 Assistance system monitoring  
 Front passenger interaction airbag  
 Passenger airbag  
 Front driver side lateral airbag  
 Front passenger side pretensioner  
 High voltage battery 3 disconnect igniter

Occupied seat recognition, driver side  
 3rd row center pretensioner  
 Igniter for deactivation of A/C system 2  
 Occupied seat recognition, front passenger side  
 Active head restraint activations reset  
 Passenger side active headrest  
 Rear driver side lateral airbag  
 Battery Disconnect Igniter  
 Rear passenger interaction airbag  
 High voltage battery 2 disconnect igniter  
 DC/DC converter disconnect igniter  
 Rollover protection system  
 Rear driver side head airbag  
 Rear passenger side head airbag  
 Pre-crash system: rear left belt feeder  
 Pre-crash system: rear right belt feeder  
 Driver side active headrest  
 Rear central seat belt pretensioner squib  
 2nd battery disconnect igniter  
 Pre-crash system: rear seatbelt pretensioner - left side  
 Battery disconnect igniter for high voltage  
 Front driver side head airbag  
 Front passenger side head airbag  
 Front driver side pretensioner  
 Passenger airbag key contact switch  
 3rd row passenger side seat belt pretensioner  
 3rd row driver side seat belt pretensioner  
 Front passenger side lateral airbag  
 Rear passenger side lateral airbag  
 Windowbag  
 Pre-crash system: rear seatbelt pretensioner - right side  
 Pre-crash system: front seatbelt pretensioner - left side  
 Pre-crash system: front seatbelt pretensioner - right side

## VOLKSWAGEN - ID.BUZZ [2022] (EB)

Drive shaft load counter: reset  
 Production mode deactivation  
 Adaptation values reset  
 Saving of ECU coding on file  
 Writing of ECU coding from file



# New content on already issued systems

## VOLKSWAGEN - ID.BUZZ [2022] (EB)

Delay management: rear camera  
Text display on dashboard  
Brake lights  
Brake roller test operating mode: deactivation  
Brake circuit bleeding  
ECU coding  
Electro-mechanical parking brake function test  
Hydraulic brake assistant  
Hydraulic pump  
Basic setting for brake pressure sensor  
Straight brake stabilization  
Hydraulic test  
Tire pressure monitoring system: factory setting reset  
Overboost in brake system  
Brake roller test operating mode: activation  
Parking brake pads replacement: open brake clamps  
Parking brake pads replacement: close brake clamps  
Brake pre-filling  
Delay management: multiple collision brake  
Delay management: parking assistant  
Basic setting of ESP sensors  
Delay management: emergency assistant  
Delay management: stopping distance reduction  
Delay management: rear cross traffic assistant  
Delay management: trailer maneuvering assistant  
Delay management: pedestrian protection  
ABS in lower speed range  
Hydraulic valves check  
Parking brake actuator: opening  
Parking brake actuator: closing  
Brake roller test operating mode  
Resetting of all adaptations  
Delay management: ACC  
High voltage battery: coolant valve 1  
High voltage battery: coolant pump  
High voltage battery: coolant valve 2  
High voltage battery: heater  
Serial number of high-voltage / hybrid battery  
ZSB part number  
Radiator shutters

Coolant pump  
Radiator fan 1  
Cooling system bleeding  
Drive type reset  
Vehicle maintenance instructions  
INSP: max days until next time dependent inspection  
INSP: days elapsed since last time dependent inspection  
Activation of views  
Display contents lock  
INSP: Max distance until next mileage dependent inspections  
INSP: Distance driven since last mileage dependent inspection  
Inspection reset  
Charging socket: flap  
Charging socket: plug  
Locking cycles counter reset  
High-voltage system: lock release after crash  
Hardware in loop mode  
Battery charger A connector: number of successful charge plug lockings  
Battery charger A connector cover: number of lockings  
Battery charger A connector: connections number  
Battery charger A connector: lockings number

## VOLKSWAGEN - PASSAT [2014] (3G)

Fuel pump  
EGR valve 1  
Radiator shutters  
Reducing agent (AdBlue) heater  
Reducing agent (AdBlue) heater 2  
Coolant pump for intercooler  
Radiator 1 fan command  
Preheating glow 1 control unit  
Exhaust flap  
EGR valve 2  
Compression test  
Particulate filter forced regeneration (moving vehicle)  
Particulate filter forced regeneration (stationary vehicle)  
CAN communication monitoring reset  
Test of disassembled turbocharger actuator  
Fuel high pressure system: leakage measuring point  
Switchable coolant pump

# New content on already issued systems

## VOLKSWAGEN - PASSAT [2014] (3G)

Control deviation test of exhaust gas recirculation system  
 Lambda probe test  
 Air mass flow meter plausibility test  
 Automatic glow time control unit test  
 Turbocharger Test  
 Fuel circuit bleeding  
 Reset reducing agent (AdBlue) lock  
 Manual test on exhaust flap  
 Charge pressure actuator test  
 Automatic test of low pressure EGR valve  
 Radiator shutters adaptation  
 Fuel high pressure system: engine start leak test  
 Reducing agent (AdBlue) duct emptying  
 Catalytic converter aging reset  
 Adaptation of correction angle of camshaft position detection: angle sensor error (outlet side)  
 Adaptation of correction angle of camshaft position detection: angle sensor error (inlet side)  
 Oil pump pressure level change-over test  
 Fuel tank emptying  
 Adaptation of correction angle of camshaft position detection: phonic wheel angle sensor error (inlet side)  
 Fuel system flow rate test  
 Reducing agent system quality sensor adaptation  
 Reducing agent quality test  
 Reducing agent (AdBlue) metering quantity test: injector 1  
 Reduction agent (AdBlue) system complete test  
 Reducing agent (AdBlue) metering quantity test: injector 2  
 Brake roller test operating mode  
 Start/Stop function  
 Exhaust Gas Recirculation valve (EGR) test  
 Setting of soot mass value in anti particulate filter  
 Adaptation of correction angle of camshaft position detection: phonic wheel angle sensor error (outlet side)

## VOLVO - S90 [2016] (234)

Fuel pump  
 MIL Lamp  
 Radiator grill shutter position command

Engine oil service reset  
 Diesel particulate filter pressure sensor adaptive values reset  
 Glow plug adaptation values reset  
 Self-adaptation parameters reset: injector 3  
 PowerPulse system: leakage test  
 Particulate filter adaptation values reset  
 Swirl valve actuator adaptation values reset  
 Crash event counter reset  
 Self-adaptation parameters reset: injector 1  
 Self-adaptation parameters reset: injector 2  
 DPF forced regeneration, stationary vehicle  
 Self-adaptation parameters reset: injector 4  
 Fuel flow regulation valve adaptation value reset  
 NOx filter adaptation value reset  
 PowerPulse system: one pulse  
 PowerPulse system: emptying  
 Reset of variable geometry turbocharger actuator learned values  
 High pressure EGR valve adaptation values reset  
 Front lambda probe adaptation values reset  
 Rear lambda probe adaptation values reset  
 Erasing errors in all control units  
 DPF forced regeneration, moving vehicle

## VOLVO - V90 [2016] (235, 236)

Fuel pump  
 MIL Lamp  
 Radiator grill shutter position command  
 Engine oil service reset  
 Diesel particulate filter pressure sensor adaptive values reset  
 Glow plug adaptation values reset  
 Self-adaptation parameters reset: injector 3  
 PowerPulse system: leakage test  
 Particulate filter adaptation values reset  
 Swirl valve actuator adaptation values reset  
 Crash event counter reset  
 Self-adaptation parameters reset: injector 1  
 Self-adaptation parameters reset: injector 2  
 DPF forced regeneration, stationary vehicle  
 Self-adaptation parameters reset: injector 4  
 Fuel flow regulation valve adaptation value reset

# New content on already issued systems

## **VOLVO - V90 [2016] (235, 236)**

NOx filter adaptation value reset  
PowerPulse system: one pulse  
PowerPulse system: emptying  
Reset of variable geometry turbocharger actuator learned values  
High pressure EGR valve adaptation values reset  
Front lambda probe adaptation values reset  
Rear lambda probe adaptation values reset  
Erasing errors in all control units  
DPF forced regeneration, moving vehicle

## **VOLVO - XC90 [2014] (256)**

Fuel pump  
MIL Lamp  
Radiator grill shutter position command  
Engine oil service reset  
Diesel particulate filter pressure sensor adaptive values reset  
Glow plug adaptation values reset  
Self-adaptation parameters reset: injector 3  
PowerPulse system: leakage test  
Particulate filter adaptation values reset  
Swirl valve actuator adaptation values reset  
Crash event counter reset  
Self-adaptation parameters reset: injector 1  
Self-adaptation parameters reset: injector 2  
DPF forced regeneration, stationary vehicle  
Self-adaptation parameters reset: injector 4  
Fuel flow regulation valve adaptation value reset  
NOx filter adaptation value reset  
PowerPulse system: one pulse  
PowerPulse system: emptying  
Reset of variable geometry turbocharger actuator learned values  
High pressure EGR valve adaptation values reset  
Front lambda probe adaptation values reset  
Rear lambda probe adaptation values reset  
Erasing errors in all control units  
DPF forced regeneration, moving vehicle

# Updates

Model	System	Faults reading and erasure	Parameters and status reading	Activations	Adjustments	DoiP
AUDI						
> A3 [2012-2019] (8V)	STEERING LOCK	+				
> A3 [2020] (8Y)	AUTOMATIC GEARBOX	+	+		+	
> A3 [2020] (8Y)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
	STEERING LOCK	+				
> A8 [2017] (4N)	STEERING LOCK	+				
> E-TRON [2018]	STEERING LOCK	+				
> Q2 [2016] (GA)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
	STEERING LOCK	+				
> Q3 [2018] (3B)	AUTOMATIC GEARBOX	+	+	+		
	STEERING LOCK	+				
> Q4 e-tron [2021] (F4)	ELECTRIC VEHICLE WARNING SOUNDS	+	+	+	+	
	MOTOR GENERATOR	+	+	+	+	
> Q7 [2015-2020] (4M)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> Q8 [2018] (4M)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> Q8 E-TRON [2022] (GE)	ABS	+	+	+	+	
	AUTOMATIC GEARBOX	+	+	+	+	
	BATTERY PACK	+	+	+	+	
	CAMERA CONTROL MODULE	+	+	+	+	
	CENTRAL GATEWAY	+	+	+	+	
	CHARGER SYSTEM	+				
	CHASSIS CONTROL MODULE	+	+	+	+	
	COMFORT SYSTEM	+	+	+	+	
	DASHBOARD	+	+	+	+	
	DCDC CONVERTER	+	+	+	+	
	DOORS SYSTEM	+	+	+	+	
	ELECTRIC MOTOR	+	+		+	
	ELECTRIC VEHICLE WARNING SOUNDS	+	+	+	+	
	ELECTRONIC CENTRAL ELECTRICS SYS- TEM	+	+	+	+	
	EMERGENCY CALL MODULE (E-CALL)	+				
	FRONT CORNER RADAR	+	+		+	
	LANE CHANGE ASSIST (BLIND SPOT)	+	+	+	+	
	LIGHTS SYSTEM	+	+	+	+	
	MOTOR GENERATOR	+	+	+	+	
	MULTIMEDIA SYSTEMS	+				
	PARKING ASSISTANCE SYSTEM	+	+		+	
	POWERSTEERING	+	+		+	
	SRS (AIRBAG)	+	+	+	+	
	STEERING CONTROL UNIT	+	+	+	+	
	STEERING LOCK	+				
	THERMAL MANAGEMENT	+	+	+	+	

# Updates

Model	System	Faults reading and erasure	Parameters and status reading	Activations	Adjustments	DoiP
BMW						
> 1 [2011-2019] (F20)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> 2 [2014-2019] (F22-F23)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> 3 [2011-2019] (F30)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> 3 [2018] (G20)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> 4 [2013] (F32)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> 5 [2017] (G30)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> 6 [2017] (G32)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> 7 [2015-2022] (G11)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> X3 [2017] (G01)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
CITROEN						
> C5 X [2021] (ND_, NC_)	RADAR	+	+		+	
CUPRA						
> BORN [2021] (K1)	STEERING LOCK	+				
> LEON [2020] (KL)	AUTOMATIC GEARBOX	+	+		+	
	STEERING LOCK	+				
DS						
> DS4 [2021] (F_, FB_, F3_)	AUTOMATIC GEARBOX	+	+	+	+	
	BODY COMPUTER	+	+	+	+	
	BRAKE ASSIST	+	+			
	DOORS SYSTEM	+		+	+	
	HYBRID CONTROL SYSTEM	+	+	+		
	LANE CHANGE ASSIST (BLIND SPOT)	+	+		+	
	MULTIFUNCTIONAL STEERING WHEEL	+				
	MULTIMEDIA SYSTEMS	+				
	PARKING ASSISTANCE SYSTEM	+	+	+	+	
	RADAR	+	+		+	
	RAIN/LIGHT SENSOR	+	+		+	
	SRS (AIRBAG)	+	+			
	STEERING CONTROL UNIT	+		+	+	
FIAT						
> 500 [2007] (312)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> TIPO [2015] (356)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	

# Updates

Model	System	Faults reading and erasure	Parameters and status reading	Activations	Adjustments	DoiP
FORD						
> TOURNEO CONNECT [2022]	ABS	+	+	+	+	
	CENTRAL GATEWAY	+	+	+	+	
	DASHBOARD	+	+	+	+	
	DOORS SYSTEM	+	+	+	+	
	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	ELECTRONIC CENTRAL ELECTRICS SYSTEM	+	+	+	+	
	PARKING ASSISTANCE SYSTEM	+	+	+	+	
	POWERSTEERING	+	+		+	
	SRS (AIRBAG)	+	+			
	STEERING LOCK	+				
HYUNDAI						
> IONIQ 5 [2021] (NE)	BATTERY PACK	+	+			>
	DCDC CONVERTER	+	+			
> KONA [2018] (OS)	BATTERY PACK	+	+			
JAGUAR						
> F-PACE [2015] (X761)	CRUISE CONTROL	+			+	
> I-PACE [2018] (X590)	ABS	+	+	+	+	+
	BATTERY PACK	+	+	+	+	+
	BODY COMPUTER	+	+	+	+	+
	BRAKE ASSIST	+	+	+	+	+
	CAMERA CONTROL MODULE	+	+		+	+
	CHARGER SYSTEM	+	+	+	+	+
	DASHBOARD	+	+		+	+
	DCDC CONVERTER	+	+	+	+	+
	ELECTRIC MOTOR	+	+	+	+	+
	SRS (AIRBAG)	+	+		+	
JEEP						
> AVENGER [2022] (J2)	ANTI-THEFT SYSTEM	+				
	AUXILIARY HEATING	+				
	BATTERY CONTROL SYSTEM	+	+	+	+	
	BATTERY PACK	+	+		+	
	CHARGER SYSTEM	+				
	DCDC CONVERTER	+	+			
	ELECTRIC MOTOR	+	+		+	
	GEAR SELECTION MODULE	+	+	+		
	MULTIFUNCTION DISPLAY	+				



# Updates

Model	System	Faults reading and erasure	Parameters and status reading	Activations	Adjustments	DoiP
JEEP						
> AVENGER [2022] (J2)	MULTIMEDIA SYSTEMS	+				
	PARKING ASSISTANCE SYSTEM	+				
	RADAR	+	+	+	+	
	REAR ELECTRICAL MODULE	+				
	ROOF CONTROL UNIT	+				
	SEAT SYSTEM	+				
	STEERING LOCK	+				
	TOW BAR	+				
> RENEGADE [2014] (BU)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
KIA						
> EV6 [2021] (CV)	BATTERY PACK	+	+			
> SPORTAGE [2021] (NQ)	EFI (ELECTRONIC PETROL INJECTION)	+	+			
> STONIC [2017] (YB)	RADAR	+	+		+	
MAZDA						
> CX-5 [2017] (KF)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
MERCEDES BENZ						
> A [2012-2018] (176)	STEERING CONTROL UNIT	+	+			
> AMG GT [2014] (C190)	STEERING CONTROL UNIT	+	+			
> B [2011-2018] (246)	STEERING CONTROL UNIT	+	+			
> C [2007-2014] (204)	STEERING CONTROL UNIT	+	+			
> CLA [2013-2019] (117)	STEERING CONTROL UNIT	+	+			
> GLS [2015-2019] (X166)	STEERING CONTROL UNIT	+	+			
> E [2009-2016] (212)	STEERING CONTROL UNIT	+	+			
> E [2015] (213-238)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> EQA [2021] (243)	BATTERY PACK	+	+	+	+	
	CEILING LAMP	+				
	CHARGER SYSTEM	+	+	+	+	
	DCDC CONVERTER	+	+	+	+	
	DOORS SYSTEM	+				
	MULTIFUNCTION DISPLAY	+				
	MULTIMEDIA SYSTEMS	+				
	PLUG-IN CONNECTOR	+	+	+	+	
	POWERTRAIN CONTROL UNIT	+	+	+	+	

# Updates

Model	System	Faults reading and erasure	Parameters and status reading	Activations	Adjustments	DoiP
MERCEDES BENZ						
> EQB [2021] (243)	BATTERY PACK	+	+	+	+	
	CEILING LAMP	+				
	CHARGER SYSTEM	+	+	+	+	
	DCDC CONVERTER	+	+	+	+	
	DOORS SYSTEM	+				
	MULTIFUNCTION DISPLAY	+				
	MULTIMEDIA SYSTEMS	+				
	PLUG-IN CONNECTOR	+	+	+	+	
	POWERTRAIN CONTROL UNIT	+	+	+	+	
> EQV [2021] (447)	BODY COMPUTER	+	+	+	+	
	DOORS SYSTEM	+	+	+	+	
	LIGHTS SYSTEM	+	+			
	RAIN/LIGHT SENSOR		+			
	STEERING CONTROL UNIT	+	+			
> G [2018] (463)	STEERING CONTROL UNIT	+	+			
> GL [2012-2015] (X166)	STEERING CONTROL UNIT	+	+			
> GLA [2013-2019] (X156)	STEERING CONTROL UNIT	+	+			
> GLE [2015-2018] (166)	STEERING CONTROL UNIT	+	+			
> GLE [2015-2019] (292)	STEERING CONTROL UNIT	+	+			
> GLS [2015-2019] (X166)	STEERING CONTROL UNIT	+	+			
> ML [2012-2015] (166)	STEERING CONTROL UNIT	+	+			
> SL [2011-2022] (231)	STEERING CONTROL UNIT	+	+			
> SLC [2016-2017] (172)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> SLK [2011] (172)	STEERING CONTROL UNIT	+	+			
> V [2014] (447)	BODY COMPUTER	+	+	+	+	
	DOORS SYSTEM	+	+	+	+	
	LIGHTS SYSTEM	+	+			
	RAIN/LIGHT SENSOR		+			
	STEERING CONTROL UNIT	+	+			
> X [2017] (470)	STEERING CONTROL UNIT	+	+			
MINI						
> COUNTRYMAN [2016] (F60)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> MINI [2006-2013] (R56)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
MITSUBISHI						
> MIRAGE [2012]	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> SPACE STAR [2013]	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	

# Updates

Model	System	Faults reading and erasure	Parameters and status reading	Activations	Adjustments	DoiP
NISSAN						
> JUKE [2010-2019] (F15)	PARKING ASSISTANCE SYSTEM	+	+	+	+	
> JUKE [2020] (F16)	ABS	+	+	+	+	
	AIR CONDITIONING	+	+	+	+	
	BODY COMPUTER	+	+	+	+	
	CENTRAL CONSOLE	+				
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
	KEYLESS SYSTEM	+				
	MULTIMEDIA SYSTEMS	+				
	POWERSTEERING	+	+			
	SECURE GATEWAY	+	+			
> MICRA [2017] (K14)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> QASHQAI [2021] (J12)	CENTRAL CONSOLE	+				
	HYBRID CONTROL SYSTEM	+	+			
	KEYLESS SYSTEM	+				
	MOTOR GENERATOR	+				
	MULTIMEDIA SYSTEMS	+				
> X-TRAIL [2021] (T33)	ABS	+	+	+	+	
OPEL						
> ASTRA L [2021] (O5)	RADAR	+	+		+	
> CORSA E [2014-2019]	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> MOKKA [2012-2020] (J13)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
PEUGEOT						
> 308 [2021] (P5)	RADAR	+	+		+	
> RCZ [2010] (T75)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
PORSCHE						
> 911 [2011-2018] (991)	ADAPTIVE CRUISE CONTROL	+	+	+	+	
> BOXSTER [2012-2015] (981)	ADAPTIVE CRUISE CONTROL	+	+	+	+	
	CAMERA CONTROL MODULE	+	+	+	+	
> BOXSTER [2016] (982)	CAMERA CONTROL MODULE	+	+	+	+	
> CAYMAN [2013-2016] (981)	ADAPTIVE CRUISE CONTROL	+	+	+	+	
	CAMERA CONTROL MODULE	+	+	+	+	
> CAYMAN [2016] (982)	CAMERA CONTROL MODULE	+	+	+	+	
> MACAN [2013] (95B)	DOORS SYSTEM	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
	FOUR WHEEL DRIVE (4WD)	+	+	+	+	
	LIGHTS SYSTEM	+	+	+	+	
	MULTIMEDIA SYSTEMS	+	+	+	+	

# Updates

Model	System	Faults reading and erasure	Parameters and status reading	Activations	Adjustments	DoiP
PORSCHE						
> TAYCAN [2019] (Y1A)	CHARGER SYSTEM	+				
	COMFORT SYSTEM	+	+	+	+	
	DOORS SYSTEM	+	+	+	+	
	ELECTRIC VEHICLE WARNING SOUNDS	+	+	+	+	
	EMERGENCY CALL MODULE (E-CALL)	+				
	LIGHTS SYSTEM	+	+	+		
	MULTIMEDIA SYSTEMS	+				
	REAR STEERING AXLE	+	+		+	
	THERMAL MANAGEMENT	+	+	+	+	
SEAT						
> IBIZA [2017] (KJ)	STEERING LOCK	+				
> LEON [2012-2019] (5F)	STEERING LOCK	+				
> LEON [2020] (KL)	AUTOMATIC GEARBOX	+	+		+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
	STEERING LOCK	+				
> TARRACO [2019] (KN)	STEERING LOCK	+				
SKODA						
> ENYAQ [2020] (NY)	BRAKE ASSIST	+	+			
	MOTOR GENERATOR	+	+	+	+	
	STEERING LOCK	+				
> FABIA [2021] (PJ)	STEERING LOCK	+				
> KAMIQ [2019]	STEERING LOCK	+				
> KAROQ [2017] (NU)	STEERING LOCK	+				
> OCTAVIA [2013-2019] (5E)	STEERING LOCK	+				
> OCTAVIA [2020] (NX)	STEERING LOCK	+				
> SCALA [2019]	STEERING LOCK	+				
> SUPERB [2015] (3V)	AUTOMATIC GEARBOX	+	+	+		
	STEERING LOCK	+				
SUZUKI						
> SWIFT [2010-2017] (AZG)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
TESLA						
> MODEL X [2015] (5YJX)	BATTERY CONTROL SYSTEM		+		+	
	BODY COMPUTER		+		+	
	ELECTRONIC PARKING BRAKE		+		+	
	TYRE PRESSURE MONITORING SYSTEM (TPMS)	+	+		+	

# Updates

Model	System	Faults reading and erasure	Parameters and status reading	Activations	Adjustments	DoiP
TOYOTA						
> CAMRY [2017] (V7-VA7-VH7)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> HIGHLANDER [2019] (U7)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
VAUXHALL						
> ASTRA L [2021] (O5)	RADAR	+	+		+	
> CORSA E [2014-2019]	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
VOLKSWAGEN						
> ARTEON [2017]	STEERING LOCK	+				
> CADDY V [2020] (SB)	ANTI-THEFT SYSTEM	+				
	DOORS SYSTEM	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
	KEYLESS SYSTEM	+	+	+	+	
	STEERING LOCK	+				
> GOLF VII [2012-2019] (5G)	AUTOMATIC GEARBOX	+	+	+		
	STEERING LOCK	+				
> GOLF VIII [2020] (CD)	AUTOMATIC GEARBOX	+	+		+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> ID.3 [2020] (E1)	ANTI-THEFT SYSTEM	+				
	KEYLESS SYSTEM	+	+	+	+	
	MOTOR GENERATOR	+	+	+	+	
	STEERING LOCK	+				
> ID.4 [2020] (E21)	ANTI-THEFT SYSTEM	+				
	MOTOR GENERATOR	+	+	+	+	
	STEERING LOCK	+				
> ID.5 [2021] (E39)	ABS	+	+			
	AIR CONDITIONING	+	+	+	+	
	ANTI-THEFT SYSTEM	+				
	BATTERY PACK	+	+	+	+	
	BRAKE ASSIST	+	+			
	CENTRAL GATEWAY	+	+	+	+	
	DCDC CONVERTER	+	+	+	+	
	DOORS SYSTEM	+	+	+	+	
	ELECTRIC VEHICLE WARNING SOUNDS	+	+	+	+	
	ELECTRONIC CENTRAL ELECTRICS SYSTEM	+	+	+	+	
	KEYLESS SYSTEM	+	+	+	+	
	LIGHTS SYSTEM	+	+	+		
	MULTIMEDIA SYSTEMS	+	+			

# Updates

Model	System	Faults reading and erasure	Parameters and status reading	Activations	Adjustments	DoiP
VOLKSWAGEN						
> ID.5 [2021] (E39))	PARKING ASSISTANCE SYSTEM	+	+	+	+	
	PLUG-IN CONNECTOR	+	+	+	+	
	POWERSTEERING	+	+		+	
	SRS (AIRBAG)	+	+			
	STEERING CONTROL UNIT	+	+	+	+	
	STEERING LOCK	+				
> ID.BUZZ [2022] (EB)	BRAKE ASSIST	+	+			
> PASSAT [2014] (3G)	AUTOMATIC GEARBOX	+	+	+		
	STEERING LOCK	+				
> POLO [2018] (AW)	STEERING LOCK	+				
> TAIGO [2021] (CS)	STEERING LOCK	+				
> T-CROSS [2019] (C11)	STEERING LOCK	+				
> TOUAREG [2017] (CR)	STEERING LOCK	+				
> T-ROC [2017] (A1-D1)	STEERING LOCK	+				
VOLVO						
> S60 [2010-2018] (134)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> S60 [2018] (224)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> S90 [2016] (234)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> V60 [2010-2018] (155, 157)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> V60 [2018] (225, 227)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> V90 [2016] (235, 236)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> XC40 [2017] (536)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> XC60 [2008-2017] (156)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> XC60 [2017] (246)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> XC90 [2014] (256)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	