

TopNews  
2024.Q1





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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 SGW manual unlock



# 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)

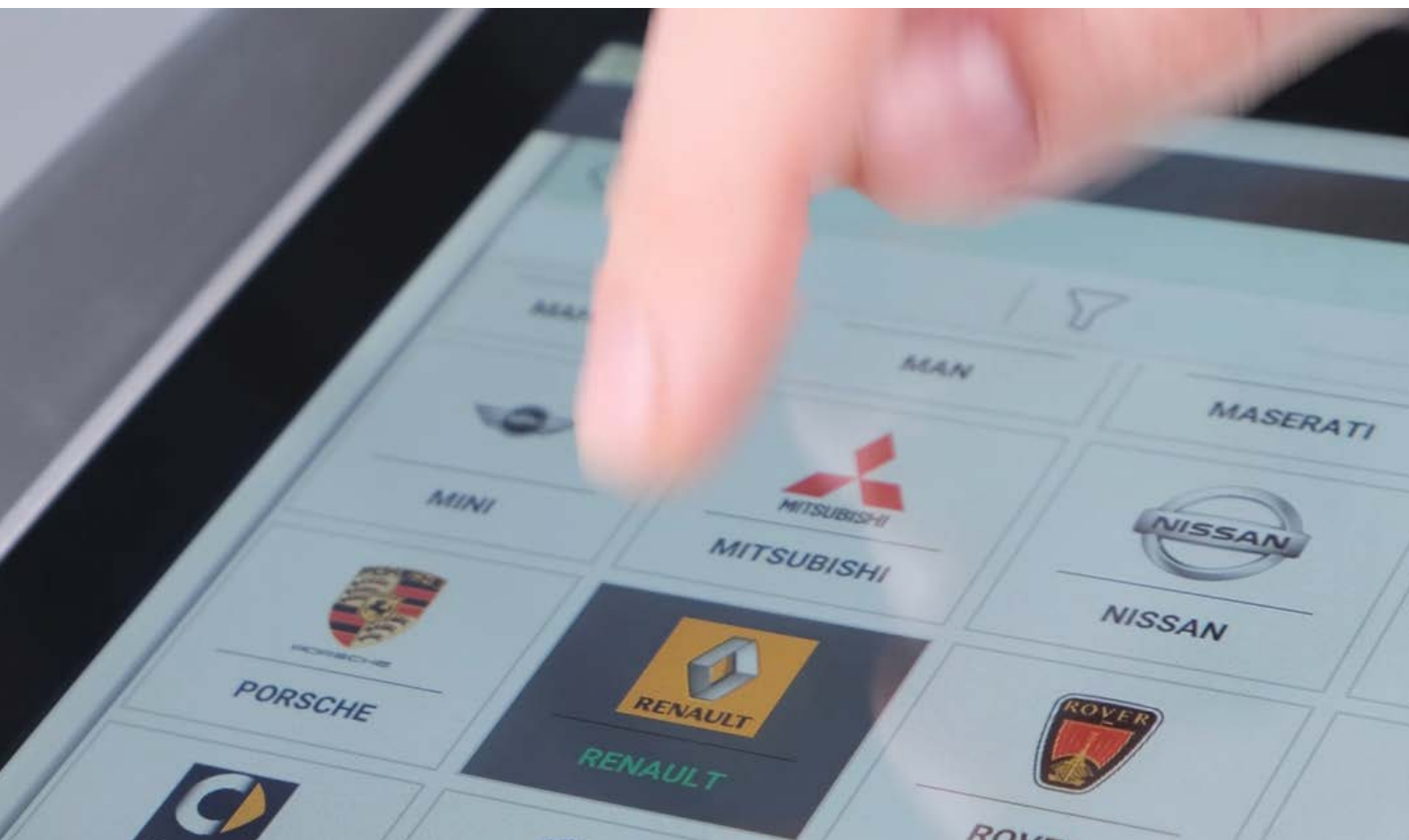
## VOLKSWAGEN\*

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  
 Reducing 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  
 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  
 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

# 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  
 Rear 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  
Real right side corner radar: dynamic calibration

## PEUGEOT - 408 [2022]

Real 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  
 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  
 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

# 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  
 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  
 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)  
 Fuel metering valve  
 Fuel tank vent valve  
 Gas fuel tank shut-off valve  
 Exhaust bypass valve  
 Camshaft adjustment inlet side bank 1  
 Coolant recirculation pump 2  
 Engine cooling fan 1  
 Radiator shutter 2: position (target value)  
 Turbocharger adaptation  
 Operating mode switching (ignition dependant)  
 Operating mode switching (mileage dependant)  
 Camshaft adjustment exhaust side bank 1  
 Engine temperature management actuator  
 Natural gas fuel system: pressure restore  
 Throttle valve adaptation test  
 Fuel tank ventilation valve test  
 Natural gas (CNG): quality (target value)  
 Radiator shutter 1: position (target value)  
 Camshaft synchronization test  
 Engine run-in oil pressure  
 Test of mixture deviation in gas operation  
 Intake manifold pressure calibration  
 Autonomous mode activation  
 Natural gas fuel system: pressure reduction  
 Injectors adaptation values reset  
 Lambda probe regulation test  
 Exhaust camshaft adjustment test  
 Lambda probe heater test downstream catalyst  
 Bank 1 lambda probe 1 heater test  
 Phonic wheel: adaption values reset  
 Injector valves: adaption values reset  
 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  
 Reducing 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  
 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  
 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

# 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  
 Reducing 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
<b>AUDI</b>						
> 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 SYSTEM	+	+	+	+	
	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
<b>BMW</b>						
> 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)	+	+	+	+	
<b>CITROEN</b>						
> C5 X [2021] (ND_, NC_)	RADAR	+	+		+	
<b>CUPRA</b>						
> BORN [2021] (K1)	STEERING LOCK	+				
> LEON [2020] (KL)	AUTOMATIC GEARBOX	+	+		+	
	STEERING LOCK	+				
<b>DS</b>						
> 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	+		+	+	
<b>FIAT</b>						
> 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
<b>FORD</b>						
> 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	+				
<b>HYUNDAI</b>						
> IONIQ 5 [2021] (NE)	BATTERY PACK	+	+			>
	DCDC CONVERTER	+	+			
> KONA [2018] (OS)	BATTERY PACK	+	+			
<b>JAGUAR</b>						
> 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)	+	+		+	
<b>JEEP</b>						
> 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
<b>JEEP</b>						
> 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)	+	+	+	+	
<b>KIA</b>						
> EV6 [2021] (CV)	BATTERY PACK	+	+			
> SPORTAGE [2021] (NQ)	EFI (ELECTRONIC PETROL INJECTION)	+	+			
> STONIC [2017] (YB)	RADAR	+	+		+	
<b>MAZDA</b>						
> CX-5 [2017] (KF)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
<b>MERCEDES BENZ</b>						
> 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
<b>MERCEDES BENZ</b>						
> 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	+	+			
<b>MINI</b>						
> COUNTRYMAN [2016] (F60)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> MINI [2006-2013] (R56)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
<b>MITSUBISHI</b>						
> 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
<b>NISSAN</b>						
> 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	+	+	+	+	
<b>OPEL</b>						
> ASTRA L [2021] (O5)	RADAR	+	+		+	
> CORSA E [2014-2019]	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> MOKKA [2012-2020] (J13)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
<b>PEUGEOT</b>						
> 308 [2021] (P5)	RADAR	+	+		+	
> RCZ [2010] (T75)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
<b>PORSCHE</b>						
> 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
<b>PORSCHE</b>						
> 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	+	+	+	+	
<b>SEAT</b>						
> 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	+				
<b>SKODA</b>						
> 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	+				
<b>SUZUKI</b>						
> SWIFT [2010-2017] (AZG)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
<b>TESLA</b>						
> 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
<b>TOYOTA</b>						
> CAMRY [2017] (V7-VA7-VH7)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> HIGHLANDER [2019] (U7)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
<b>VAUXHALL</b>						
> ASTRA L [2021] (O5)	RADAR	+	+		+	
> CORSA E [2014-2019]	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
<b>VOLKSWAGEN</b>						
> 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
<b>VOLKSWAGEN</b>						
> 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	+				
> TQUAREG [2017] (CR)	STEERING LOCK	+				
> T-ROC [2017] (A1-D1)	STEERING LOCK	+				
<b>VOLVO</b>						
> 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)	+	+	+	+	