## MAHLE



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### 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\_MH\_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)

Q8 E-TRON [2022] (GE)

Q5 [2017] (BY)

Q8 [2018] (4M)

#### **CUPRA\***

BORN [2021] (K1) FORMENTOR [2020] (KM) - new

#### DACIA \*\*\*

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

#### **FIAT**

500e [2020] (332) 500L [2012] (330) 500X [2015] (334) DOBLO` [2009-2022] (152) DUCATO [2022]

#### **JEEP**

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

#### MAN\*

TGE [2017]

#### **MERCEDES BENZ**

WRANGLER [2017] (JL)

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)

#### MITSUBISHI \*

OUTLANDER IV [2021] (GM-GN)

#### **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

#### **SEAT**

LEON [2020] (KL) - new

#### SKODA\*

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

#### **VOLKSWAGEN\***

CADDY V [2020] (SB)

CARAVELLE T6.1 [2020] (SG)

GOLF VIII [2020] (CD)

ID.3 [2020] (E1)

ID.4 [2020] (E21)

ID.5 [2021] (E39)

ID.BUZZ [2022] (EB)

MULTIVAN T6.1 [2019-2021] (SG)

TAIGO [2021] (CS)

T-CROSS [2019] (C11)

TIGUAN [2016] (AD-AX)

TOUAREG [2017] (CR)

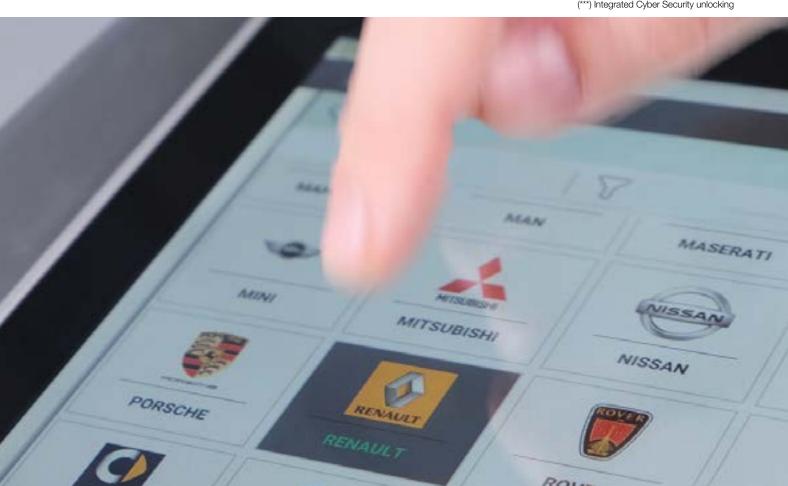
TRANSPORTER T6.1 [2020] (SG)

T-ROC [2017] (A1-D1)

(\*) Manual Cyber Security unlocking

(\*\*) 2° Level Cyber Security

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



## E-SCAN | New

FIAT - DOBLO` [2022] (360-510-511)

OVERALL SOC

PORSCHE - TAYCAN [2019] (Y1A)

CELL / BLOCK VOLTAGES OVERALL VOLTAGE SECTOR TEMPERATURES SMART - FORTWO [2007-2014] (451)

CELL / BLOCK VOLTAGES

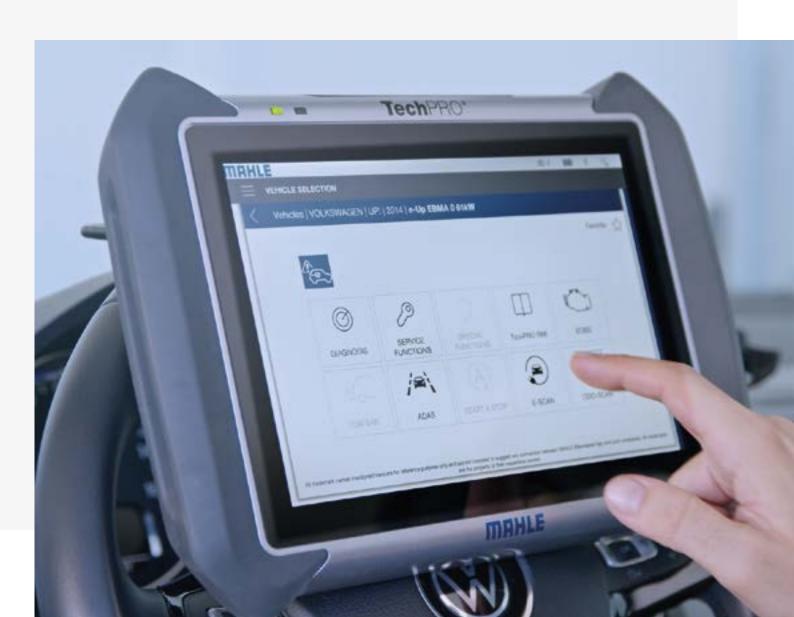
CELL/BLOCK AVERAGE VOLTAGE

MIN/MAX VOLTAGES

OVERALL SOC

**OVERALL TEMPERATURE** 

OVERALL VOLTAGE



## ODO-SCAN | New

#### **AUDI**

A3 [2020] (8Y) E-TRON GT [2021] Q3 [2018] (3B) Q5 [2017] (BY)

#### **CITROEN**

C5 AIRCROSS [2019] (C84) C5 X [2021] (ND\_, NC\_)

#### DS

DS7 [2018] (X74)

#### **FIAT**

DOBLO` [2022] (360-510-511)

#### **FORD**

EXPLORER [2019] (U5\_, U6\_) FIESTA VII [2017] (HJ, HF) PUMA [2020] (J2K, CF7)

#### **HONDA**

ZR-V [2022] (RZ\_)

#### **MERCEDES BENZ**

E [2015-2024] (213-238) GLC [2022] (X254) GLE [2019] (167)

#### **NISSAN**

NV400 [2011] (X62) QASHQAI [2021] (J12)

#### **PORSCHE**

MACAN [2013] (95B) TAYCAN [2019] (Y1A)

#### **SEAT**

TARRACO [2019] (KN)

#### **SKODA**

KODIAQ [2017] (NS7, NV7, NS6) OCTAVIA [2020] (NX) SUPERB [2015] (3V)

#### **TOYOTA**

PROACE CITY [2016] (K9)

#### **VOLKSWAGEN**

ARTEON [2017] GOLF VIII [2020] (CD) PASSAT [2014-2023] (3G) TIGUAN [2016-2023] (AD-AX)



## DolP | 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)

Dynamic front radar calibration (moving vehicle)

Initialization of the rain and light sensor

Abs

Air conditioning Battery pack Body computer Brake assist

Camera control module

Charger system
Comfort system
Dashboard
Dcdc converter
Doors system
Electric motor

Gear selection module

Lights system

Multifunction display

Multimedia systems

Onboard system detection

Parking assistance system

Powersteering
Radar
Seat system

Srs (airbag)

Steering angle sensor Traction control

Tyre pressure monitoring system (tpms)

Min/max voltages
Overall voltage
Sector temperatures
Odometer reading
Brake circuit bleeding
Brake pads replacing

Steering wheel angle calibration

Tpms learning procedure

#### **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

## DolP | Diagnostics Over Internet Protocol

#### **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

#### IAND 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

Tyre pressure monitoring system (tpms)

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

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

## DoIP | Diagnostics Over Internet Protocol

#### 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

Doors system

Camera control module Charger system Dashboard Dcdc converter

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

Engine oil service reset

Gear neutral position sensor adaptation

Particulate filter system

Self-learning parameters reset

Service: reset of diesel maintenance indicator Service: reset of petrol maintenance indicator

Transport mode

#### 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)
Electric vehicle warning sounds
Electronic ignition switch

Fuel system Lights system

Parking assistance system

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

Plug-in connector Powersteering

Powertrain control unit

Radar

Selective catalytic nox reducer

Srs (airbag)

## DolP | Diagnostics Over Internet Protocol

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

Tyre pressure monitoring system (tpms)

Min/max voltages Sector temperatures Odometer reading

Additive diesel control / ad blue

Brake pads replacing Egr valve adaptation Headlight adjustment Injector coding

Powerwindows initializing 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
Dcdc converter
Doors system

Electric vehicle warning sounds

Electronic ignition switch

Lights system

Parking assistance system

Powersteering

Radar Srs (airbag)

Tyre pressure monitoring system (tpms)

Odometer reading
Brake pads replacing
Headlight adjustment
Powerwindows initializing

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
Dcdc converter
Doors system

Electric vehicle warning sounds Electronic ignition switch

Lights system

Parking assistance system

Powersteering

Radar Srs (airbag)

Tyre pressure monitoring system (tpms)

Odometer reading
Brake pads replacing
Headlight adjustment
Powerwindows initializing

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

## DoIP | Diagnostics Over Internet Protocol

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

Dcdc converter Doors system

Electric vehicle warning sounds

Electronic ignition switch

Lights system

Parking assistance system

Powersteering

Radar

Srs (airbag)

Tyre pressure monitoring system (tpms)

Odometer reading
Brake pads replacing
Headlight adjustment
Powerwindows initializing

Service: reset of diesel maintenance indicator Service: reset of petrol maintenance indicator

Steering wheel angle calibration Tpms learning procedure

#### 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

Selective catalytic nox reducer

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
Headlight adjustment
Injector coding

Powerwindows initializing 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) Electric vehicle warning sounds Electronic ignition switch

Fuel system Lights system

Parking assistance system

Plug-in connector

Powersteering

Powertrain control unit

Radar

## DoIP | Diagnostics Over Internet Protocol

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

Selective catalytic nox reducer

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
Headlight adjustment
Injector coding

Powerwindows initializing 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
Body computer

Camera control module

Central console
Dashboard
Dcdc converter
Doors system

Electric vehicle warning sounds 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
Headlight adjustment
Powerwindows initializing

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 Traction control Cell / block voltages

Overall soc
Overall voltage

Traction battery current
Traction battery voltage

## TechPRO® Digital ADAS

ADAS RE-ENABLING AFTER **IMPACT DETECTION** 

FIAT

DOBLO [2022] (360-510-511)

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

**OPEL** 

ASTRA L [2021] (O5)

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

**BMW** 

14 [2021] (G26)

**HONDA** 

ZR-V [2022] (RZ\_)

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

**ALFA ROMEO** 

TONALE [2022]

**DACIA** 

SPRING [2020] (XBG)

600 [2023] (365\_, 364\_)

**JAGUAR** 

I-PACE [2018] (X590)

**INITIALIZATION OF THE RAIN AND LIGHT SENSOR** 

**FIAT** 

DOBLO [2022] (360-510-511)

**STATIC FRONT CAMERA CALIBRATION** (stationary vehicle

with target)

**FIAT** 

600 [2023] (365\_, 364\_)

**HONDA** 

ZR-V [2022] (RZ\_)

**RENAULT** 

SCENIC III [2009-2016] (X95)

**SUBARU** 

XV [2017] (GT)

**TOYOTA** 

BZ4X [2022] (EA10)

**VOLKSWAGEN** 

ARTEON [2017]

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

**BMW** 

4 [2020] (G22-G23-G24-G26-G82) 14 [2021] (G26)



## Start & Stop

AUDI - A3 [2020] (8Y)

START/STOP

AUDI - A7 [2010-2018] (4G)

START/STOP

**AUDI - E-TRON GT [2021]** 

BATTERY REPLACEMENT

START/STOP

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

AUDI - Q3 [2018] (3B)

START/STOP

AUDI - Q5 [2017] (BY)

GEAR NEUTRAL POSITION SENSOR ADAPTATION

START/STOP

BMW - X1 [2015-2022] (F48)

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

CITROEN - C5 AIRCROSS [2019] (C84)

BATTERY REPLACEMENT

GEAR NEUTRAL POSITION SENSOR ADAPTATION

START/STOP

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

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

BATTERY REPLACEMENT

GEAR NEUTRAL POSITION SENSOR ADAPTATION

START/STOP

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

DS - DS7 [2018] (X74)

**BATTERY REPLACEMENT** 

GEAR NEUTRAL POSITION SENSOR ADAPTATION

START/STOP

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

FIAT - DOBLO` [2022] (360-510-511)

START/STOP

FORD - FIESTA VII [2017] (HJ, HF)

START/STOP

FORD - PUMA [2020] (J2K, CF7)

START/STOP

MAZDA - 3 [2014-2018] (BM-BN)

START/STOP

MAZDA - 6 [2013] (GJ)

START/STOP

NISSAN - QASHQAI [2021] (J12)

START/STOP

PEUGEOT - 5008 [2017] (P87)

BATTERY REPLACEMENT

START/STOP

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

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

START/STOP

SEAT - TARRACO [2019] (KN)

START/STOP

SEAT - TOLEDO [2012-2019] (NH)

GEAR NEUTRAL POSITION SENSOR ADAPTATION

START/STOP

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

SKODA - KAROQ [2017] (NU)

START/STOP

SKODA - KODIAQ [2017] (NS7, NV7, NS6)

START/STOP

## Start & Stop

#### SKODA - OCTAVIA [2020] (NX)

GEAR NEUTRAL POSITION SENSOR ADAPTATION START/STOP

#### SKODA - RAPID [2012-2019] (NH)

GEAR NEUTRAL POSITION SENSOR ADAPTATION START/STOP

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

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

GEAR NEUTRAL POSITION SENSOR ADAPTATION START/STOP

#### TOYOTA - PROACE CITY [2016] (K9)

BATTERY REPLACEMENT

GEAR NEUTRAL POSITION SENSOR ADAPTATION

POWER ACCUMULATOR REPLACEMENT

START/STOP

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

#### **VOLKSWAGEN - ARTEON [2017]**

START/STOP

#### **VOLKSWAGEN - CARAVELLE T5 [2010-2015] (7E-7F)**

GEAR NEUTRAL POSITION SENSOR ADAPTATION START/STOP

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

START/STOP

#### **VOLKSWAGEN - MULTIVAN T5 [2010-2015] (7E-7F)**

GEAR NEUTRAL POSITION SENSOR ADAPTATION START/STOP

#### VOLKSWAGEN - PASSAT [2014-2023] (3G)

GEAR NEUTRAL POSITION SENSOR ADAPTATION START/STOP

START/STOP FUNCTION ACTIVATION AND DEACTIVATION

#### VOLKSWAGEN - TIGUAN [2016-2023] (AD-AX)

GEAR NEUTRAL POSITION SENSOR ADAPTATION START/STOP

#### **VOLKSWAGEN - TOURAN [2015] (5T)**

START/STOP

#### VOLKSWAGEN - TRANSPORTER T5 [2010-2015] (7E-

7F

GEAR NEUTRAL POSITION SENSOR ADAPTATION START/STOP

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

GEAR NEUTRAL POSITION SENSOR ADAPTATION START/STOP

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

GEAR NEUTRAL POSITION SENSOR ADAPTATION START/STOP

#### VOLVO - V40 [2012] (525, 526)

GEAR NEUTRAL POSITION SENSOR ADAPTATION START/STOP

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

GEAR NEUTRAL POSITION SENSOR ADAPTATION START/STOP

#### VOLVO - V70 [2007-2015] (135)

GEAR NEUTRAL POSITION SENSOR ADAPTATION START/STOP

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

GEAR NEUTRAL POSITION SENSOR ADAPTATION START/STOP

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

Additive diesel control / ad blue

Egr valve adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

#### AUDI - A7 [2010-2018] (4G)

Additive diesel control / ad blue

Egr valve adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

#### **AUDI - E-TRON GT [2021]**

Battery replacement

Headlight adjustment

Powerwindows initializing

Service: reset of diesel maintenance indicator Service: reset of petrol maintenance indicator

Service: setting data

Steering wheel angle calibration

Transport mode

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

Additive diesel control / ad blue

Egr valve adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

Transport mode

#### AUDI - Q5 [2017] (BY)

gear neutral position sensor adaptation

particulate filter system

self-learning parameters reset

throttle valve adaptation

transport mode

#### BMW - X1 [2015-2022] (F48)

Self-Learning Parameters Reset

Throttle Valve Adaptation

#### CITROEN - C5 AIRCROSS [2019] (C84)

Battery Replacement

Gear Neutral Position Sensor Adaptation

Injector Coding

Particulate Filter System

Self-Learning Parameters Reset

Throttle Valve Adaptation

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

Battery Replacement

Gear Neutral Position Sensor Adaptation

Injector Coding

Particulate Filter System

Self-Learning Parameters Reset

Throttle Valve Adaptation

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

Steering Wheel Angle Calibration

#### DS - DS7 [2018] (X74)

Battery Replacement

Engine Oil Service Reset

Gear Neutral Position Sensor Adaptation

Injector Coding

Particulate Filter System

Replacement Of Accessories Belt

Self-Learning Parameters Reset

Throttle Valve Adaptation

#### FIAT - DOBLO [2022] (360-510-511)

Brake circuit bleeding

Brake pads replacing

Initialization of the rain and light sensor

Key coding

Remote control coding

Service

#### FIAT - DOBLO [2022] (360-510-511)

Service: reset of diesel maintenance indicator Service: reset of petrol maintenance indicator

Steering wheel angle calibration

#### FORD - FIESTA VII [2017] (HJ, HF)

Particulate filter system
Self-learning parameters reset

#### FORD - PUMA [2020] (J2K, CF7)

Particulate filter system
Self-learning parameters reset

#### ISUZU - D-MAX III [2020] (TFR, TFS)

Additive diesel control / ad blue

Engine oil service reset

Particulate filter system

Service: manual reset of the maintenance indicator

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

Steering wheel angle calibration

Tpms learning procedure

### LAND ROVER - RANGE ROVER EVOQUE [2011-2018] (L538)

Engine oil service reset

Self-learning parameters reset

#### MAZDA - 2 [2007-2015] (DE)

Egr valve adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

#### MAZDA - 3 [2014-2018] (BM-BN)

Engine oil service reset

#### Mazda - 6 [2013] (gj)

Engine oil service reset

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

Additive diesel control / ad blue

#### MERCEDES BENZ - CL [2007-2013] (216)

Self-learning parameters reset Throttle valve adaptation

#### MERCEDES BENZ - CLS [2011-2017] (218)

Self-learning parameters reset Throttle valve adaptation

#### MERCEDES BENZ - E [2009-2016] (212)

Self-learning parameters reset

Throttle valve adaptation

#### MERCEDES BENZ - E [2015-2024] (213-238)

Additive diesel control / ad blue

Egr valve adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

#### MERCEDES BENZ - G [1990-2017] (463)

Self-learning parameters reset

Throttle valve adaptation

#### MERCEDES BENZ - GL [2012-2015] (X166)

Self-learning parameters reset

Throttle valve adaptation

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

Additive diesel control / ad blue

Egr valve adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

#### MERCEDES BENZ - GLE [2015-2018] (166)

Self-learning parameters reset

Throttle valve adaptation

#### MERCEDES BENZ - GLE [2015-2019] (292)

Self-learning parameters reset

Throttle valve adaptation

#### MERCEDES BENZ - GLE [2019] (167)

Additive diesel control / ad blue

Egr valve adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

#### MERCEDES BENZ - GLS [2015-2019] (X166)

Self-learning parameters reset

Throttle valve adaptation

#### MERCEDES BENZ - ML [2012-2015] (166)

Self-learning parameters reset

Throttle valve adaptation

#### MERCEDES BENZ - S [2005-2013] (221)

Self-learning parameters reset

Throttle valve adaptation

#### MERCEDES BENZ - S [2013-2020] (222)

Self-learning parameters reset

Throttle valve adaptation

#### MERCEDES BENZ - S [2014] (217)

Self-learning parameters reset

Throttle valve adaptation

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

Additive diesel control / ad blue

#### MERCEDES BENZ - SL [2011-2022] (231)

Self-learning parameters reset

Throttle valve adaptation

#### NISSAN - MICRA [2010-2016] (K13)

Self-learning parameters reset

Throttle valve adaptation

#### NISSAN - NV400 [2011] (X62)

Egr valve adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

#### NISSAN - QASHQAI [2021] (J12)

Brake pads replacing

Particulate filter system

Self-learning parameters reset

Steering wheel angle calibration

#### PEUGEOT - 5008 [2017] (P87)

Additive diesel control / ad blue

Battery replacement

Egr valve adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

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

Egr valve adaptation

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

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

Brake circuit bleeding

Brake pads replacing

Service

#### SEAT - TARRACO [2019] (KN)

Additive diesel control / ad blue

Egr valve adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

#### SEAT - TOLEDO [2012-2019] (NH)

Egr valve adaptation

Gear neutral position sensor adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

#### **SKODA - KAROQ [2017] (NU)**

Additive diesel control / ad blue

Egr valve adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

#### SKODA - KODIAQ [2017] (NS7, NV7, NS6)

Additive diesel control / ad blue

Egr valve adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

#### SKODA - OCTAVIA [2020] (NX)

Additive diesel control / ad blue

Egr valve adaptation

Gear neutral position sensor adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

#### SKODA - RAPID [2012-2019] (NH)

Egr valve adaptation

Gear neutral position sensor adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

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

Additive diesel control / ad blue

Egr valve adaptation

Gear neutral position sensor adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

Transport mode

#### SMART - FORTWO [2007-2014] (451)

Tpms learning procedure

Transport mode

Toyota - proace city [2016] (k9)

Additive diesel control / ad blue

Battery replacement

Brake circuit bleeding

Brake pads replacing

Egr valve adaptation

Gear neutral position sensor adaptation

Injector coding

Particulate filter system

#### SMART - FORTWO [2007-2014] (451)

Power accumulator replacement Replacement of accessories belt Self-learning parameters reset Steering wheel angle calibration

Throttle valve adaptation

#### **VOLKSWAGEN - ARTEON [2017]**

Additive diesel control / ad blue

Egr valve adaptation Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

Transport mode

#### **VOLKSWAGEN - CARAVELLE T5 [2010-2015] (7E-7F)**

Egr valve adaptation

Gear neutral position sensor adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Service

Throttle valve adaptation

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

Additive diesel control / ad blue

Egr valve adaptation Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

#### Volkswagen - multivan t5 [2010-2015] (7e-7f)

Egr valve adaptation

Gear neutral position sensor adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Service

Throttle valve adaptation

#### VOLKSWAGEN - PASSAT [2014-2023] (3G)

Additive diesel control / ad blue

Egr valve adaptation

Gear neutral position sensor adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

Transport mode

#### VOLKSWAGEN - TIGUAN [2016-2023] (AD-AX)

Additive diesel control / ad blue

Egr valve adaptation

Gear neutral position sensor adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

#### **VOLKSWAGEN - TOURAN [2015] (5T)**

Additive diesel control / ad blue

Egr valve adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

### VOLKSWAGEN - TRANSPORTER T5 [2010-2015]

(7E-7F

Egr valve adaptation

Gear neutral position sensor adaptation

Injector coding

Particulate filter system

Self-learning parameters reset

Service

Throttle valve adaptation

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

Egr valve adaptation

Engine oil service reset

Gear neutral position sensor adaptation

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

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

Egr valve adaptation

Engine oil service reset

Gear neutral position sensor adaptation

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

#### VOLVO - V40 [2012] (525, 526)

Egr valve adaptation

Engine oil service reset

Gear neutral position sensor adaptation

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

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

Egr valve adaptation

Engine oil service reset

Gear neutral position sensor adaptation

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

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

Engine oil service reset

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

#### VOLVO - V70 [2007-2015] (135)

Egr valve adaptation

Engine oil service reset

Gear neutral position sensor adaptation

Particulate filter system

Self-learning parameters reset

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

Egr valve adaptation

Engine oil service reset

Gear neutral position sensor adaptation

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

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

Engine oil service reset

Particulate filter system

Self-learning parameters reset

Throttle valve adaptation

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

Brake circuit bleeding

Brake pads replacing

Engine oil service reset

Particulate filter system

Tarticulate liiter system

Self-learning parameters reset

Steering wheel angle calibration

Throttle valve adaptation

ALFA ROMEO - STELVIO [2016] (949)

Throttle valve actuator check

CITROEN - BERLINGO 2 [2008-2014] (B9)

Fuel additive priming circuit

CITROEN - BERLINGO 3 [2018] (K9)

Fuel additive priming circuit

CITROEN - C3 [2009-2016] (A51)

Fuel additive priming circuit

CITROEN - C3 [2016] (B61)

Fuel additive priming circuit

CITROEN - C3 AIRCROSS [2017] (A88)

Fuel additive priming circuit

**CITROEN - C3 PICASSO [2009] (A58)** 

Fuel additive priming circuit

CITROEN - C4 [2010-2016] (B71)

Fuel additive priming circuit

CITROEN - C4 CACTUS [2014]

Fuel additive priming circuit

CITROEN - C4 PICASSO [2013-2018] (B78)

Fuel additive priming circuit

CITROEN - C4 SPACETOURER [2018]

Fuel additive priming circuit

CITROEN - C-ELYSEE [2013]

Fuel additive priming circuit

CITROEN - DS3 [2010-2015] (A5)

Fuel additive priming circuit

CITROEN - DS4 [2011-2015] (B75)

Fuel additive priming circuit

CITROEN - DS5 [2011-2015] (B81)

Fuel additive priming circuit

**CITROEN - JUMPY [2016] (K0)** 

Fuel additive priming circuit

CITROEN - SPACETOURER [2016] (K0)

Fuel additive priming circuit

DS - DS3 [2015-2019] (SA\_, SB\_)

Fuel additive priming circuit

DS - DS4 [2015-2018] (NX\_)

Fuel additive priming circuit

DS - DS5 [2015-2018]

Fuel additive priming circuit

JAGUAR - I-PACE [2018] (X590)

Control module reset

Automatic test mode on request

Roof blind calibration (sunroof)

Rain sensor calibration

Enabling protected outputs

Warning activations history reset

General maintenance reset

LAND ROVER - DISCOVERY 5 [2016] (L462-LR)

Disabling the airbag system

Enabling the airbag system

Impact sensors calibration

Automatic test mode on request

LEXUS - NX [2021] (A2-H2)

`Pre-Collision System (PCS)` brake forced activation

#### MAZDA - CX-3 [2015] (DK)

Canister purge valve command

Engine oil pressure control solenoid valve Turbocharger wastegate solenoid valve

Low pressure fuel pump

Engine idle speed command

Canister vent control valve

A/C compressor cycling switch

EGR valve actuator: position

Intake manifold tuning solenoid valve (if present)

Variable swirl solenoid valve

Injector disable

1 Injector disable

2 Injector disable

3 Injector disable

4 Variable valve timing (VVT) system: exhaust camshaft retard

angle (command)

Enable / disable flexible engine oil maintenance (where expected)

Variable speed engine coolant fan: command (if provided by the

control unit)

Engine coolant electric fan: speed 1 (if provided by the control unit)

Engine coolant electric fan: speed 2 (if provided by the control unit)

Engine coolant electric fan: speed 3 (if provided by the control unit)

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

Glove compartment illumination

Exterior lights demo

Circuit 58d

Fanfare horns

Hazard warning light system background illumination

Hazard warning light system switch illumination

Start/Stop button backlight

Rear windscreen wiper

Front windscreen wiper

Convenience lamps

Control module reset

Control unit customizing

Left mirror defrosting

Front left power window

Front left door inside handle illumination

Switch and controls illumination

Left front door exit and warning lamp

Left mirror adjustment

Front left seat heater button LED

Left outside mirror: folding in/out

Left outside mirror: `Ambient` illumination

Fuel flap safety switch LED

Central locking switch LED

Production mode deactivation

Child safety lock switch LED

Front left door central locking

Left mirror dimming

Power window normalization instructions

Front left power window denormalization

Left exterior mirror turn signal light

Outside mirror selection switch LED

Front left seat ventilation switch LED

Right mirror defrosting

Front right power window

Front right door inside handle illumination

Right front door exit and warning lamp

Front right door central locking

Right outside mirror: 'Ambient' illumination

Right exterior mirror turn signal light

Front right power window denormalization

Right mirror adjustment

Front right seat heater button LED

Right outside mirror: folding in/out

Rear left power window

Rear left door inside handle illumination

Rear left door central locking

Rear left power window denormalization

Rear right power window

Rear right door inside handle illumination

Rear right door central locking

Rear right power window denormalization

Fan

LED exterior lights

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

Front right headlamp: operating hours counters reset

Headlamps range adjustment actuator motors

`Active curve` illumination Zero position adjustment

Front left headlamp: operating hours counters reset

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

Left mirror defrosting Front left power window

Front left door inside handle illumination

Switch and controls illumination Left front door exit and warning lamp

Left mirror adjustment

Front left seat heater button LED Left outside mirror: folding in/out

Left outside mirror: `Ambient` illumination

Fuel flap safety switch LED
Central locking switch LED
Production mode deactivation
Child safety lock switch LED
Front left door central locking

Left mirror dimming

Power window normalization instructions

Control module reset

Front left power window denormalization

Left exterior mirror turn signal light Outside mirror selection switch LED Front left seat ventilation switch LED

Right mirror defrosting Front right power window

Front right door inside handle illumination Right front door exit and warning lamp

Front right door central locking

Right outside mirror: 'Ambient' illumination Right exterior mirror turn signal light Front right power window denormalization

Right mirror adjustment

Front right seat heater button LED

Right outside mirror: folding in/out

Rear left power window

Rear left door inside handle illumination

Rear left door central locking

Rear left power window denormalization

Rear right power window

Rear right door inside handle illumination

Rear right door central locking

Rear right power window denormalization

Fan

LED exterior lights

Front right headlamp: operating hours counters reset
Headlamps range adjustment actuator motors

`Active curve` illumination Zero position adjustment

Front left headlamp: operating hours counters reset

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

Rear right power window

Rear right door inside handle illumination

Rear right door central locking Switch and controls illumination Production mode deactivation

Power window normalization instructions

Control module reset

Rear right power window denormalization

Rear left power window

Rear left door inside handle illumination

Rear left door central locking

Rear left power window denormalization

Right mirror defrosting Front right power window

Front right door inside handle illumination Right front door exit and warning lamp

Front right door central locking

Right outside mirror: 'Ambient' illumination Right exterior mirror turn signal light Front right power window denormalization

Right mirror adjustment

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

Front right seat heater button LED Right outside mirror: folding in/out

Left mirror defrosting Front left power window

Front left door inside handle illumination Left front door exit and warning lamp

Left mirror adjustment

Front left seat heater button LED Left outside mirror: folding in/out

Left outside mirror: `Ambient` illumination

Fuel flap safety switch LED Central locking switch LED Child safety lock switch LED Front left door central locking

Left mirror dimming

Front left power window denormalization Left exterior mirror turn signal light Outside mirror selection switch LED Front left seat ventilation switch LED

Fan

Headlamps range adjustment actuator motors

LED exterior lights
'Active curve' illumination
Zero position adjustment

Front left headlamp: operating hours counters reset Front right headlamp: operating hours counters reset

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

Left mirror defrosting Front left power window

Front left door inside handle illumination

Switch and controls illumination

Left front door exit and warning lamp

Left mirror adjustment

Front left seat heater button LED Left outside mirror: folding in/out

Left outside mirror: `Ambient` illumination

Fuel flap safety switch LED

Central locking switch LED
Production mode deactivation

Child safety lock switch LED

Front left door central locking

Left mirror dimming

Power window normalization instructions

Control module reset

Front left power window denormalization Left exterior mirror turn signal light Outside mirror selection switch LED Front left seat ventilation switch LED

Right mirror defrosting Front right power window

Front right door inside handle illumination Right front door exit and warning lamp

Front right door central locking

Right outside mirror: 'Ambient' illumination Right exterior mirror turn signal light Front right power window denormalization

Right mirror adjustment

Front right seat heater button LED Right outside mirror: folding in/out

Rear left power window

Rear left door inside handle illumination

Rear left door central locking

Rear left power window denormalization

Rear right power window

Rear right door inside handle illumination

Rear right door central locking

Rear right power window denormalization

Fan

Headlamps range adjustment actuator motors

LED exterior lights

`Active curve` illumination

Zero position adjustment

Front left headlamp: operating hours counters reset Front right headlamp: operating hours counters reset

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

Rear right power window

Rear right door inside handle illumination

Rear right door central locking Switch and controls illumination Production mode deactivation

Power window normalization instructions

Control module reset

Rear right power window denormalization

Left mirror defrosting
Front left power window

Front left door inside handle illumination Left front door exit and warning lamp

Left mirror adjustment

Front left seat heater button LED Left outside mirror: folding in/out

Left outside mirror: `Ambient` illumination

Fuel flap safety switch LED Central locking switch LED Child safety lock switch LED Front left door central locking

Left mirror dimming

Front left power window denormalization Left exterior mirror turn signal light Outside mirror selection switch LED Front left seat ventilation switch LED

Right mirror defrosting Front right power window

Front right door inside handle illumination Right front door exit and warning lamp

Front right door central locking

Right outside mirror: 'Ambient' illumination Right exterior mirror turn signal light

Front right power window denormalization

Right mirror adjustment

Front right seat heater button LED Right outside mirror: folding in/out

Rear left power window

Rear left door inside handle illumination

Rear left door central locking

Rear left power window denormalization

Fan

Headlamps range adjustment actuator motors

LED exterior lights
'Active curve' illumination
Zero position adjustment

Front left headlamp: operating hours counters reset Front right headlamp: operating hours counters reset

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

Glove compartment illumination

Exterior lights demo

Circuit 58d Fanfare horns

Hazard warning light system background illumination Hazard warning light system switch illumination

Start/Stop button backlight
Rear windscreen wiper
Front windscreen wiper
Convenience lamps
Control module reset
Control unit customizing
Left mirror defrosting
Front left power window

Front left door inside handle illumination

Switch and controls illumination Left front door exit and warning lamp

Left mirror adjustment

Front left seat heater button LED Left outside mirror: folding in/out

Left outside mirror: `Ambient` illumination

Fuel flap safety switch LED
Central locking switch LED
Production mode deactivation
Child safety lock switch LED
Front left door central locking

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

Left mirror dimming

Power window normalization instructions Front left power window denormalization

Left exterior mirror turn signal light Outside mirror selection switch LED Front left seat ventilation switch LED

Rear right power window

Rear right door inside handle illumination

Rear right door central locking

Rear right power window denormalization

Right mirror defrosting Front right power window

Front right door inside handle illumination Right front door exit and warning lamp

Front right door central locking

Right outside mirror: `Ambient` illumination Right exterior mirror turn signal light

Front right power window denormalization

Right mirror adjustment

Front right seat heater button LED Right outside mirror: folding in/out

Rear left power window

Rear left door inside handle illumination

Rear left door central locking

Rear left power window denormalization

Fan

Headlamps range adjustment actuator motors

LED exterior lights

'Active curve' illumination

Zero position adjustment

Front left headlamp: operating hours counters reset Front right headlamp: operating hours counters reset

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

Glove compartment illumination

Exterior lights demo

Circuit 58d Fanfare horns Hazard warning light system background illumination

Hazard warning light system switch illumination

Start/Stop button backlight
Rear windscreen wiper
Front windscreen wiper
Convenience lamps
Control module reset
Control unit customizing
Rear right power window

Rear right door inside handle illumination

Rear right door central locking Switch and controls illumination Production mode deactivation

Power window normalization instructions
Rear right power window denormalization

Rear left power window

Rear left door inside handle illumination

Rear left door central locking

Rear left power window denormalization

Right mirror defrosting Front right power window

Front right door inside handle illumination Right front door exit and warning lamp

Front right door central locking

Right outside mirror: 'Ambient' illumination Right exterior mirror turn signal light Front right power window denormalization

Right mirror adjustment

Front right seat heater button LED Right outside mirror: folding in/out

Left mirror defrosting Front left power window

Front left door inside handle illumination Left front door exit and warning lamp

Left mirror adjustment

Front left seat heater button LED Left outside mirror: folding in/out

Left outside mirror: `Ambient` illumination

Fuel flap safety switch LED

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

Central locking switch LED

Child safety lock switch LED

Front left door central locking

Left mirror dimming

Front left power window denormalization

Left exterior mirror turn signal light

Outside mirror selection switch LED

Front left seat ventilation switch LED

Fan

LED exterior lights

Front right headlamp: operating hours counters reset

Headlamps range adjustment actuator motors

`Active curve` illumination

Zero position adjustment

Front left headlamp: operating hours counters reset

#### NISSAN - QASHQAI [2021] (J12)

Dynamic left BLIND SPOT calibration

Dynamic right BLIND SPOT calibration

#### OPEL - COMBO E [2018] (K9)

Fuel additive priming circuit

#### PEUGEOT - 2008 [2013-2019] (CU\_)

Fuel additive priming circuit

#### PEUGEOT - 208 [2012-2019]

Fuel additive priming circuit

#### PEUGEOT - 3008 [2009-2016] (T8)

Fuel additive priming circuit

#### PEUGEOT - 3008 [2016-2024] (P84)

Fuel additive priming circuit

#### PEUGEOT - 301 [2012-2017]

Fuel additive priming circuit

#### PEUGEOT - 308 [2013-2021] (T9)

Fuel additive priming circuit

#### PEUGEOT - 5008 [2009-2017] (T8)

Fuel additive priming circuit

#### PEUGEOT - 5008 [2017] (P87)

Fuel additive priming circuit

#### PEUGEOT - 508 [2010-2018] (W2)

Fuel additive priming circuit

#### PEUGEOT - EXPERT [2016] (K0)

Fuel additive priming circuit

#### PEUGEOT - PARTNER [2008] (B9)

Fuel additive priming circuit

#### PEUGEOT - PARTNER [2018] (K9)

Fuel additive priming circuit

#### PEUGEOT - PARTNER TEPEE [2008-2018] (B9)

Fuel additive priming circuit

#### PEUGEOT - RIFTER [2018] (K9)

Fuel additive priming circuit

#### PEUGEOT - TRAVELLER [2016] (K0)

Fuel additive priming circuit

#### TOYOTA - C-HR [2023] (X2-H2)

`Pre-Collision System (PCS)` brake forced activation

#### TOYOTA - PROACE [2016] (K0)

Fuel additive priming circuit

#### VAUXHALL - COMBO E [2018] (K9)

Fuel additive priming circuit

#### VOLVO - S60 [2018] (224)

Erasing errors in all control units

VOLVO - S90 [2016] (234)

Erasing errors in all control units

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

Erasing errors in all control units

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

Erasing errors in all control units

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

Erasing errors in all control units

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

Erasing errors in all control units

Model	System	Faults reading and erasure	Parameters and status reading	Activations	Adjustments	DoiP
ALFA ROMEO						
> TONALE [2022]	RADAR	+	+		+	
AUDI						
> A3 [2020] (8Y)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> A7 [2010-2018] (4G)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> A7 [2017] (4K)	DOORS SYSTEM	+	+	+	+	
> A8 [2017] (4N)	DOORS SYSTEM	+	+	+	+	
> E-TRON [2018]	DOORS SYSTEM	+	+	+	+	
> E-TRON GT [2021]	CENTRAL GATEWAY	+	+	+	+	
	CHARGER SYSTEM	+	+	+	+	
	COMFORT SYSTEM	+	+	+	+	
	CRUISE CONTROL	+	+	+	+	
	DASHBOARD	+	+	+	+	
	DOORS SYSTEM	+	+	+	+	
	ELECTRONIC CENTRAL ELECTRICS SYSTEM	+	+	+	+	
	EMERGENCY CALL MODULE (E-CALL)	+				
	LANE CHANGE ASSIST (BLIND SPOT)	+	+	+	+	
	MULTIMEDIA SYSTEMS	+				
	SEAT SYSTEM	+				
	SRS (AIRBAG)	+	+	+	+	
	STEERING CONTROL UNIT	+	+	+	+	
	THERMAL MANAGEMENT	+	+	+	+	
> Q2 [2016] (GA)	DOORS SYSTEM	+	+	+	+	
> Q3 [2018] (3B)	DOORS SYSTEM	+	+	+	+	
	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> Q5 [2017] (BY)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> Q8 [2018] (4M)	DOORS SYSTEM	+	+	+	+	
BMW						
> 4 [2020] (G22-G23- G24-G26-G82)	RADAR	+	+	+	+	
all als dely	CAMERA CONTROL MODULE	+	+	+	+	
	CHARGER SYSTEM	+	+	+	+	
	DASHBOARD	+	+	-	+	
	ELECTRIC MOTOR	+	+		+	
	ENERGY RECOVERY SYSTEM	+	+			
	MULTIMEDIA SYSTEMS	+	+			
	RADAR	+	+	+	+	
> X1 [2015-2022] (F48)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	

Model	System	Faults reading and erasure	Parameters and status reading	Activations	Adjustments	DoiP
CITROEN		,				
> C5 AIRCROSS [2019] (C84)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> C5 X [2021] (ND_, NC_)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
DACIA						
> SPRING [2020] (XBG)	RADAR	+	+		+	
DS						
> DS4 [2021] (F_, FB_, F3_)	AIR CONDITIONING	+	+			
	BATTERY CONTROL SYSTEM	+	+		+	
	POWERSTEERING	+	+		+	
> DS7 [2018] (X74)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
FIAT						
> 600 [2023] (365_, 364_)	CAMERA CONTROL MODULE	+	+	+	+	
	RADAR	+	+	+	+	
> DOBLO` [2022] (360- 510-511)	ABS	+	+	+	+	
	AIR CONDITIONING	+	+	+		
	BATTERY CONTROL SYSTEM	+	+		+	
	BODY COMPUTER	+	+	+	+	
	DASHBOARD	+	+	+	+	
	PARKING ASSISTANCE SYSTEM	+	+	+	+	
	POWERSTEERING	+	+			
	RAIN/LIGHT SENSOR	+	+		+	
	SRS (AIRBAG)	+	+	+	+	
	STEERING CONTROL UNIT	+	+	+	+	
FORD						
> EXPLORER [2019] (U5_, U6_)	ABS	+	+		+	
	AIR CONDITIONING	+	+			
	BATTERY PACK	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
	SRS (AIRBAG)	+	+			
> FIESTA VII [2017] (HJ, HF)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> PUMA [2020] (J2K, CF7)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	

Model	System	Faults reading and erasure	Parameters and status reading	Activations	Adjustments	DoiP
HONDA						
> ZR-V [2022] (RZ_)	CAMERA CONTROL MODULE	+	+		+	
ISUZU						
D-MAX III [2020] (TFR, TFS)	ABS	+	+			
	AIR CONDITIONING	+	+	+	+	
	AUTOMATIC GEARBOX	+	+	+	+	
	DASHBOARD	+	+	+	+	
	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	MULTIFUNCTION DISPLAY	+	+	+	+	
	PARKING ASSISTANCE SYSTEM	+	+	+	+	
	POWERSTEERING	+	+	+	+	
	SRS (AIRBAG)	+	+			
JAGUAR		,				
> I-PACE [2018] (X590)	AIR CONDITIONING	+				+
	COMFORT SYSTEM	+				+
	DOORS SYSTEM	+	_			+
	GEAR SELECTION MODULE	+	+		+	+
	LIGHTS SYSTEM	+	_			+
	MULTIFUNCTION DISPLAY	+	_			+
	MULTIMEDIA SYSTEMS	+	_			+
	ONBOARD SYSTEM DETECTION	+	<del>-</del>			+
	PARKING ASSISTANCE SYSTEM	+	+		+	+
	POWERSTEERING	+	+		+	+
	RADAR	+	+		+	+
	SEAT SYSTEM	+	<del>-</del>			+
	STEERING ANGLE SENSOR	+	+			+
	TRACTION CONTROL	+	-			+
	TYRE PRESSURE MONITORING SYSTEM (TPMS)	+	+	+	+	+
LAND ROVER						
> RANGE ROVER EVOQUE [2011-2018] (L538)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
LEXUS						
> NX [2021] (A2-H2)	CRUISE CONTROL	+	+		+	

Model	System	Faults reading and erasure	Parameters and status reading	Activations	Adjustments	DoiP
MAZDA						
> 2 [2007-2015] (DE)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	'	+	
> 3 [2014-2018] (BM-BN)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> 6 [2013] (GJ)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> CX-60 [2022] (KH)	POWERSTEERING	+	+			
	SRS (AIRBAG)	+	+		+	
MERCEDES BENZ				'		
> A [2018] (177)	FOUR WHEEL DRIVE (4WD)	+	+	1		
	SUSPENSIONS	+	+	_	-	,
> AMG GT [2018] (X290)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	,
	RADAR	+	+	+	+	
> B [2019] (247)	FOUR WHEEL DRIVE (4WD)	+	+			
	SUSPENSIONS	+	+			
> C [2021] (206)	DCDC CONVERTER	+	+	+	+	+
	ELECTRIC VEHICLE WARNING SOUNDS	+	+	+	+	+
	PLUG-IN CONNECTOR	+	+	+	+	+
	SELECTIVE CATALYTIC NOX REDUCER	+	+	+	+	+
> CL [2007-2013] (216)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> CLA [2019] (118)	FOUR WHEEL DRIVE (4WD)	+	+			
	SUSPENSIONS	+	+			
> CLS [2011-2017] (218)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> CLS [2017] (257)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> E [2009-2016] (212)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> E [2015-2024] (213-238)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
	FOUR WHEEL DRIVE (4WD)	+	+			
> EQE [2021] (295)	DCDC CONVERTER	+	+	+	+	+
	ELECTRIC VEHICLE WARNING SOUNDS	+	+	+	+	+
> EQS [2021] (297)	DCDC CONVERTER	+	+	+	+	+
	ELECTRIC VEHICLE WARNING SOUNDS	+	+	+	+	+
> EQS SUV [2022] (296)	DCDC CONVERTER	+	+	+	+	+
	ELECTRIC VEHICLE WARNING SOUNDS	+	+	+	+	+
> G [1990-2017] (463)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> GL [2012-2015] (X166)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> GLA [2020] (247)	FOUR WHEEL DRIVE (4WD)	+	+			
> GLB [2020] (247)	FOUR WHEEL DRIVE (4WD)	+	+			

Model	System	Faults reading and erasure	Parameters and status reading	Activations	Adjustments	DoiP
MERCEDES BENZ						
> GLC [2022] (X254)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	SELECTIVE CATALYTIC NOX REDUCER	+	+	+	+	+
> GLE [2015-2018] (166)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> GLE [2015-2019] (292)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> GLE [2019] (167)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> GLS [2015-2019] (X166)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> GLS [2019] (167)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> ML [2012-2015] (166)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> S [2005-2013] (221)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> S [2013-2020] (222)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
	FOUR WHEEL DRIVE (4WD)	+	+		·	
> S [2014] (217)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
	FOUR WHEEL DRIVE (4WD)	+	+			
> S [2020] (223)	DCDC CONVERTER	+	+	+	+	+
	ELECTRIC VEHICLE WARNING SOUNDS	+	+	+	+	+
	PLUG-IN CONNECTOR	+	+	+	+	+
	SELECTIVE CATALYTIC NOX REDUCER	+	+	+	+	+
> SL [2011-2022] (231)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> SL [2022] (232)	DCDC CONVERTER	+	+	+	+	+
	ELECTRIC VEHICLE WARNING SOUNDS	+	+	+	+	+
> SPRINTER [2018] (907-910)	CEILING LAMP	+	+			
NISSAN						
> JUKE [2020] (F16)	PARKING ASSISTANCE SYSTEM	+	+			
> MICRA [2010-2016] (K13)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> NV400 [2011] (X62)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> QASHQAI [2021] (J12)	ABS	+	+	+	+	
	DASHBOARD	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
	CENTRAL CONSOLE	+	-			
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
	KEYLESS SYSTEM	+	<del>-</del>		<del></del> -	
	LANE CHANGE ASSIST (BLIND SPOT)	+	+		+	
	MULTIMEDIA SYSTEMS	+		-		
	PARKING ASSISTANCE SYSTEM	+	+		-	

National   Satisfa   Sa	Model	System	Faults reading and erasure	Parameters and status reading	Activations	Adjustments	DoiP
PEUGEOT	OPEL						
POLESTAR	> ASTRA L [2021] (O5)	LANE CHANGE ASSIST (BLIND SPOT)	+	+		+	
POLESTAR	PEUGEOT						
PORSCHE	> 5008 [2017] (P87)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
TRACTION CONTROL	POLESTAR						
PORSCHE  ➤ MACAN [2013] (95B) EFI (ELECTRONIC PETROL INJECTION) ERICETRONIC CETROL ELECTRICS SYSTEM TEM  ➤ TAYCAN [2019] (Y1A) ABS AERODYNAMIC MANAGEMENT AIR CONDITIONING + + + + + + + + + + + + + + + + + + +	> 2 [2019] (P)	ELECTRIC MOTOR	+	+			+
SACAN [2013] (95B)		TRACTION CONTROL	+	+			+
EFI (ELECTRONIC PETROL INJECTION)	PORSCHE						
ELECTRONIC CENTRAL ELECTRICS SYS-TEM	> MACAN [2013] (95B)	EFI (ELECTRONIC PETROL INJECTION)	+	+		+	
TEM		EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
AERODYNAMIC MANAGEMENT			+	+	+	+	
AERODYNAMIC MANAGEMENT	> TAYCAN [2019] (Y1A)	ABS	+	+	+	+	
BATTERY PACK		AERODYNAMIC MANAGEMENT	+	+	+	+	
BRAKE ASSIST		AIR CONDITIONING	+	+	+	+	
CENTRAL GATEWAY		BATTERY PACK	+	+	+	+	
CHARGER SYSTEM		BRAKE ASSIST	+	+	+	+	
CHASSIS CONTROL MODULE		CENTRAL GATEWAY	+	+	+	+	
DASHBOARD		CHARGER SYSTEM	+	+	+	+	
DCDC CONVERTER		CHASSIS CONTROL MODULE	+	+	+	+	
DOORS SYSTEM		DASHBOARD	+	+	+	+	
GEAR SELECTION MODULE		DCDC CONVERTER	+	+			
MOTOR GENERATOR		DOORS SYSTEM	+	+	+	+	
MULTIMEDIA SYSTEMS		GEAR SELECTION MODULE	+	+	+	+	
SEAT SYSTEM		MOTOR GENERATOR	+	+	+	+	
TYRE PRESSURE MONITORING SYSTEM   + + + + + + +   +   +		MULTIMEDIA SYSTEMS	+	+	+	+	
RENAULT		SEAT SYSTEM	+	+	+	+	
> KANGOO ESPRESS II [2008-2021] (X61)       ELECTRIC MOTOR       +			+	+	+	+	
2008-2021] (X61)	RENAULT						
SEAT           > TARRACO [2019] (KN)         EDI (ELECTRONIC DIESEL INJECTION)         +	> KANGOO ESPRESS II [2008-2021] (X61)	ELECTRIC MOTOR	+	+	+	+	
> TARRACO [2019] (KN)	•						
> TOLEDO [2012-2019] EDI (EL ECTRONIC DIESEL IN JECTION)		EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	> TOLEDO [2012-2019]		_				

Model	System	Faults reading and erasure	Parameters and status reading	Activations	Adjustments	DoiP
SKODA						
> FABIA [2014-2021] (NJ)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> FABIA [2021] (PJ)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
	SRS (AIRBAG)	+	+	+	+	
> KAROQ [2017] (NU)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
<ul><li>KODIAQ [2017] (NS7, NV7, NS6)</li></ul>	DOORS SYSTEM	+	+	+	+	
	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> OCTAVIA [2020] (NX)	DOORS SYSTEM	+	+	+	+	
	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> RAPID [2012-2019] (NH)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> SUPERB [2015] (3V)	ADAPTIVE CRUISE CONTROL	+	+	+	+	
	DOORS SYSTEM	+	+	+	+	
	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
SMART						
> FORTWO [2007- 2014] (451)	AIR CONDITIONING	+	+			
	BATTERY PACK	+	+	+	+	
	CENTRAL GATEWAY	+	+			
	CHARGER SYSTEM	+	+		+	
	ELECTRIC MOTOR	+	+		+	
	GEAR SELECTION MODULE	+	+			
	TYRE PRESSURE MONITORING SYSTEM (TPMS)	+	+		+	
SUBARU		,				
> SOLTERRA [2022] (XEAM10-YEAM15)	CAMERA CONTROL MODULE	+	+	+	+	
> XV [2017] (GT)	CAMERA CONTROL MODULE	+	+		+	
SUZUKI						_
> SWIFT [2005-2010] (MZ-EZ)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> SWIFT [2017] (AZ)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	

Model	System	Faults reading and erasure	Parameters and status reading	Activations	Adjustments	DoiP
ТОУОТА						
> BZ4X [2022] (EA10)	CAMERA CONTROL MODULE	+	+	+	+	
> COROLLA [2019] (E21)	CAMERA CONTROL MODULE	+	+	+	+	
> HIGHLANDER [2019] (U7)	DOORS SYSTEM	+	+	+	+	
> KLUGER [2021]	DOORS SYSTEM	+	+	+	+	
> PRIUS [2023] (W6)	CAMERA CONTROL MODULE	+	+	+	+	
> PROACE CITY [2016] (K9)	ABS	+	+	+	+	
	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> RAV 4 V [2018] (A5)	BRAKE ASSIST	+	+	-	+	
VOLKSWAGEN		'				
> ARTEON [2017]	CAMERA CONTROL MODULE	+	+	+	+	
	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> CARAVELLE T5 [2010- 2015] (7E-7F)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> CRAFTER [2017] (SY)	SRS (AIRBAG)	+	+	+	+	
> GOLF VIII [2020] (CD)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> ID.BUZZ [2022] (EB)	DOORS SYSTEM	+	+	+	+	
> MULTIVAN T5 [2010- 2015] (7E-7F)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> PASSAT [2014-2023] (3G)	AUTOMATIC GEARBOX	+	+	+	+	
	DOORS SYSTEM	+	+	+	+	
	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
	LIGHTS SYSTEM	+	+	+		
	MULTIMEDIA SYSTEMS	+	_			
	SRS (AIRBAG)	+	+	+	+	
> TIGUAN [2016-2023] (AD-AX)	DOORS SYSTEM	+	+	+	+	
	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> TOUAREG [2017] (CR)	DOORS SYSTEM	+	+	+	+	
> TOURAN [2015] (5T)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> TRANSPORTER T5 [2010-2015] (7E-7F)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> T-ROC [2017] (A1-D1)	DOORS SYSTEM	+	+	+	+	

Model	System	Faults reading and erasure	Parameters and status reading	Activations	Adjustments	DoiP
VOLVO						
> S60 [2010-2018] (134)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> S60 [2018] (224)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> S90 [2016] (234)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> V40 [2012] (525, 526)	EDI (ELECTRONIC DIESEL INJECTION)	+	+		+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> V60 [2010-2018] (155, 157)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> V60 [2018] (225, 227)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> V70 [2007-2015] (135)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
> V90 [2016] (235, 236)	EDI (ELECTRONIC DIESEL INJECTION)	+	+	+	+	
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> XC60 [2017] (246)	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
> XC90 [2014] (256)	ABS	+	+		+	
	AUTOMATIC GEARBOX	+	+			
	BATTERY CONTROL SYSTEM	+	+			
	CENTRAL CONSOLE	+	_			
	CENTRAL GATEWAY	+	_			
	CHARGER SYSTEM	+	+			
	COMMUNICATION INTERFACE	+				
	DCDC CONVERTER	+	+			
	EFI (ELECTRONIC PETROL INJECTION)	+	+	+	+	
	LIGHTS SYSTEM	+				
	MULTIFUNCTION DISPLAY	+				
	MULTIMEDIA SYSTEMS	+				
	TOW BAR	+				
	TRACTION CONTROL	+	+			