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MG	27

TOYOTA/LEXUS**New System added**

Four Wheel Drive

- Basic Function
- DTC Analysis
- Data Analysis

Steering Actuator

- Basic Function
- DTC Analysis
- Data Analysis

Back Door

- Basic Function
- DTC Analysis
- Data Analysis

New Function added

Hybrid Control

- Special Function
- Switch Specification Information
- ACT Position Learning

Motor Generator

- Special Function
- Front Resolver Learning/Initialization

Rear Motor Generator

- Special Function
- Rear Resolver Learning/Initialization

Brake/EPB

- Special Function
- Brake Line Air Bleeding
- Brake System Air Bleeding

Circumference Monitoring Camera Control Module

- Special Function
- Image Information Clear
- IR Projector Inspection

Blind Spot Monitor 'B'

- Special Function
- BSM 'B' Beam Axis Adjustment
- BSM 'B' Beam Axis Display

Blind Spot Monitor 'A'

- Special Function
- BSM 'A' Beam Axis Adjustment
- BSM 'A' Beam Axis Display

NISSAN/INFINITI**New type system and function added**

ENGINE New Type added (UDS)

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display
- Special Function
- Valve Timing Offset Data Writing
- Valve Timing Offset Data Clear
- STRT OPRTN CNTR Clear
- CML B-DCHRG CRNT Clear
- SC Magnetic Clutch Engage Count Clear
- Fuel Pressure Release
- Target IGN TIM ADJ
- Target Idle Rpm ADJ
- Engine Coolant Bypass Valve
- Valve Timing Dajustment
- Idle Air Volume Learn
- Closed Throttle Position Learn
- Self-Learing CONT
- Active Control Engine Mounting A
- Active Control Engine Mounting B
- A/F Initial Learning
- G Sensor Calibrating
- Wastegate Actuator Position Learn Value Clear
- Vin Registration
- Cumulative Sub-Battry Disch Current Clear
- Electric Intake Valve Timing Control Learning
- VCR Base Position Learning
- EGR Control Valve Closed Position Learning
- Sub-Starter and Generator OPER Count Clear
- Engine Basis Parts Value 1 and 2 Clear
- Dual Battery Relay Voltage Drop Count Data Clear
- Fuel Injector Offset Learning
- GPF Service Regeneration Reset Routines Execution
- M/T Neutral Pos Learning
- Service Regeneration
- Enter Injector Codes
- SCR catalytic converter
- Air Flow Meter Programming
- Air Damper Valve Programming(R088)
- EGR Bypass Programming
- Adblue Quality
- P/FLT DIFF PRS Sensor
- EGR Valve POS CMD
- Computer Reset
- EGR Valve Programming
- Upstream NOx Sensor
- Downstream NOx Sensor
- Engine Adaptives
- Injection Pump Adaptatives

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Universal Exhaust Gas Oxygen Sensor
Adaptives After Replacing DPF
Fuel Pump Priming Comp
Flywhl TGT PG
Rail Pressure Sensor Adaptives
Number of Starting 1
Number of Starting 2
Number of Starting 3
Number of Starting 4
Number of Starting Cycles(V343)
High Pressure Pump Counter(V344)
Fuel SPLY PREV
Speed Limiter
Electrical Actuator of Turbocharger Command
Starting Authorization

Applicable Model
- FRONTIER, NAVARA

AIRBAG New Type added (UDS)
- Basic Function
DTC Analysis
Data Analysis
ECU Information Display

Applicable Model
- NOTE

AVM New Type added (CAN)
- Basic Function
DTC Analysis
Data Analysis
ECU Information Display

Applicable Model
- NOTE

CHASSIS CONTROL New Type added (UDS)
- Basic Function
DTC Analysis
Data Analysis
ECU Information Display

Applicable Model
- NOTE

EPS_DAST 3 New Type added (UDS)
- Basic Function
DTC Analysis
Data Analysis
ECU Information Display

Applicable Model
- NOTE, ROGUE

HVAC New Type added (UDS)
- Basic Function
DTC Analysis

Data Analysis
ECU Information Display

Applicable Model
- NOTE, ROGUE

ICC ADAS2 New Type added (UDS)
- Basic Function
DTC Analysis
Data Analysis
ECU Information Display

Applicable Model
- NOTE

METER New Type added (UDS)
- Basic Function
DTC Analysis
Data Analysis
ECU Information Display

Applicable Model
- NOTE

Multi AV New Type added (UDS)
- Basic Function
DTC Analysis
Data Analysis
ECU Information Display

Applicable Model
- NOTE

Shift New Type added (CAN)
- Basic Function
DTC Analysis
Data Analysis
ECU Information Display

Applicable Model
- NOTE

Sonar New Type added (UDS)
- Basic Function
DTC Analysis
Data Analysis
ECU Information Display

Applicable Model
- NOTE

VSP New Type added (CAN)
- Basic Function
DTC Analysis
Data Analysis
ECU Information Display

Applicable Model

- NOTE

Laser/Radar New Type added (UDS)

- Basic Function
- DTC Analysis
- Data Analysis
- ECU Information Display

Applicable Model

- NOTE, ROGUE

8ch CAN GATEWAY New Type added (EXCAN)

- Basic Function
- DTC Analysis
- Data Analysis
- ECU Information Display

Applicable Model

- NOTE

HANDS FREE MODULE New Type added (UDS)

- Basic Function
- DTC Analysis
- Data Analysis
- ECU Information Display

Applicable Model

- NOTE

ENGINE New Type added (EXCAN)

- Basic Function
- DTC Analysis
- Data Analysis
- ECU Information Display

Applicable Model

- NOTE, ROGUE

IPDM Engine Room New Type added (UDS)

- Basic Function
- DTC Analysis
- Data Analysis
- ECU Information Display

Applicable Model

- NOTE

LANE CAMERA New Type added (UDS)

- Basic Function
- DTC Analysis
- Data Analysis
- ECU Information Display

Applicable Model

- NOTE

SIDE RADAR(REAR LEFT) New Type added (UDS)

- Basic Function

DTC Analysis

Data Analysis

ECU Information Display

Applicable Model

- NOTE

SIDE RADAR(REAR Right) New Type added (UDS)

- Basic Function

DTC Analysis

Data Analysis

ECU Information Display

Applicable Model

- NOTE

Laser/Radar New Type added (UDS)

- Special Function

Milliwave Radar Adjust

ADCM New Type added (UDS)

- Special Function

UREA Injector Total Dosing Amount Data Clear

UREA Injector Heating Time Reset

UREA Injector Max Coil Temp Data Clear

AdBlue Remaining Amount Reset

Applicable Model

- NAVARA

BCM New Type added (CAN)

- Special Function

Battery Saver Setting

Daytime Running Light

Applicable Model

- NAVARA

ABS New Type added (UDS)

- Basic Function

DTC Analysis

Data Analysis

Actuation Test

ECU Information Display

- Special Function

Steering Angle Sensor Adjustment

Deceleration G Sensor Calibration

Applicable Model

- LEAF

BRAKE New Type added (CAN)

- Basic Function

DTC Analysis

Data Analysis

ECU Information Display

Applicable Model

Więcej informacji pod TEL +48 +601 817 201 lub na www.gscan.com.pl

- LEAF

Feedback

HAVC : Special Function modified - INS
Bug fixed - Latin America, Dubai-Jordan test

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HONDA /ACURA

New System and Function added

N-MV : Jordan

Electric Powertrain

- Basic Function
 - DTC analysis
 - ECU Information
- Special Function
 - ECU Reset

Accord Hybrid, etc... : Jordan

BCM_Head Up Display

- Basic Function
 - DTC analysis
 - Data analysis
 - ECU Information

Accord Hybrid, etc... : Jordan

BCM_Semiconductor Fuse

- Basic Function
 - DTC analysis

New Type and Function added

Accord Hybrid, etc... : Jordan

IMA

- Basic Function
 - DTC analysis
 - ECU Information

Odyssey, etc ... : USA

Engine

- Special Function
 - VPS Test

Civic : Greece

i-Shift

- Special Function
 - Dynamic Mode Learning

Accord Hybrid, etc... : Jordan

VSA

- Special Function
 - All Sensors

Accord Hybrid, etc... : Jordan

BCM_Lighting

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation

BCM_Doorlocks

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation

BCM_Keyless

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation
- Special Function
 - Keyless Check

BCM_Security

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation
- Special Function
 - History Data Clear
 - History Data

BCM_Wiper

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation

BCM_HVAC

- Basic Function
 - DTC analysis
 - Data analysis
- Special Function
 - HVAC Control Unit Self Test

BCM_POWER WINDOW

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation Test
- Special Function
 - Power Window Reset for Driver side
 - Power Window Reset for Passenger side
 - Power Window Reset for Left Rear
 - Power Window Reset for Right Rear

BCM_Power Seat/Mirror

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation

BCM_Blind Spot Information

- Basic Function
- DTC analysis
- Data analysis
- Acutation

BCM_Seat Heater

- Basic Function
- DTC analysis
- Data analysis

BCM_Wireless Charger

- Basic Function
- DTC analysis

N-MV, etc... : Jordan**BCM_Lighting**

- Basic Function
- DTC analysis
- Data analysis
- Acutation

BCM_Doorlocks

- Basic Function
- DTC analysis
- Data analysis
- Acutation

BCM_Keyless

- Basic Function
- DTC analysis
- Data analysis
- Acutation
- Special Function
- Keyless Check

BCM_Security

- Basic Function
- DTC analysis
- Data analysis
- Acutation
- Special Function
- History Data Clear
- History Data

BCM_Wiper

- Basic Function
- DTC analysis
- Data analysis
- Acutation

BCM_HVAC

- Basic Function
- DTC analysis
- Data analysis
- Special Function
- HVAC Control Unit Self Test

BCM_Parking Sensor

- Basic Function
- DTC analysis
- Data analysis
- Special Function
- Initialization

BCM_Wireless Charger

- Basic Function
- DTC analysis

Feedback

SRS : Communication improved – Costarica

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MITSUBISHI**New Model & System added****ECLIPSE CROSS PHEV (GL3W)**

- MPI / GDI / DIESEL
- 4WS / Electric Power steering
- ABS/ASC/ASTC/WSS
- SRS-AIR BAG
- Air Conditioner
- ETACS (Electronic Time and Alarm Control System)
- Meter
- Steering Angle Sensor
- AUDIO
- KOS / OSS / IMMO / Keyless
- CORNER SENSOR / SONAR
- ACC / FCM
- Multi around monitor
- EPB
- FCM/LDW/AHB
- BSW (Blind Spot Warning)
- BSW (SUB)
- HUD
- PHEV
- EV/MiEV Remote System
- OBC (On Board Charger)
- BMU (Battery Monitoring Unit)
- Electric Heater
- Compressor
- F-MCU
- GCU
- R-MCU
- P LOCK
- Multi Channel Gateway

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SUZUKI/MARUTI

Function added**ENGINE (CAN)**

- Special Function
 - Vehicle variant registration
 - Injector calibration code
 - Feul injection system part parameter initialization

Applicable Model

- SUPER CARRY

Feedback

- ABS : Special Function modified - INS
- SONAR DTC STATUS added – INS
- Bug fixed - Latin America test

[Back to Index](#)**SUBARU****Improved function & bug fixed**

- New type SGW added
- New type Eysight added
- Old K-Line's Engine Actuaton Test added
- Special Function's seaching logic of Engine improved
- System comm. Stabilized
- DTC item added
- Data Analysis improved

[Back to Index](#)**ISUZU****New System added**

- 4HK1_850C
- 4HK1_R2_8F01
- 6HK1_8957
- 6HK1-TC_C Rail NLT_R2_D419
- 6UZ1_R4_8507, 8508
- 6UZ1_89AA
- 6WG1_89AD
- Hybrid_R3_D431
- Hybrid_R1_D46E
- Hybrid_R2_D47E
- Smoother(MJX12)_0B0D
- SmootherGX_MJX12_0B04
- AMT_D49E
- EDU_2301
- Urea SCR_8302
- Urea SCR_8306
- Urea SCR_R1_8307
- Urea SCR_R2_8308
- EBS_Knorr

- EBS_Wabco W Tractor)
- TPMS
- ISS_HSA_R13_0000
- ISS_HSA_R15_0102
- Ecostop_R111_0101
- Ecostop_R121_0102
- ISS_HSA_0201
- ISS_HSA_R6_0303
- Ecostop_R533_0303
- ISS_HSA_R16_0402
- ISS_HSA_R17_0404
- CLC_R302_0201
- CCM_R8_02
- BIC_9301
- EDSS_1D02
- Camera_DMS_1E04
- VAT_LDWS_9001
- VAT_LDWS_AEBS_9004
- VAT_LDWS_AEBS_9008
- IPM_R1_900A
- Camera(VAT)_R1_9003
- Radar_9009
- Radar_9002
- BCM_D493
- BCM_D46F
- 17BCM_0100
- 17BCM_0001
- 17BCM_R26_0101
- BCM_2001
- VCM_R12_9101
- CGW_2C02
- Meter_R5_0040
- SRS_DENSO
- 17MIMAMORI_2102
- 17MIMAMORI_2106
- Stereo Camera_R2_9006
- DMS_1E05
- Keyless Ride
- MAP unit_9501
- DTU_2201
- SCD_SRC60
- SCD_Stand_SRC62
- EBS (Knorr)
- EBS (Wabco)
- EDU_2703
- EDU_2702
- 17 BCM_0000
- 4JZ1 R24
- 4JZ1 R8
- 4JZ1_8A0D
- 6NX1 R1
- 6WG1_8509
- 6HK1_89ED
- Urea SCR R8
- VCM_4356520154
- VCM_465352
- VCM_465652
- Vehicle Control Module R16

- Vehicle Control Module R15
- VCM R17_4558440190
- ISS HSA R5
- ISS HSA R20_020301
- ISS HSA R8_0503
- 0146 R14
- 0146 R15
- 0104 R121
- 0104 R202
- 0104 R201
- 0104 R301
- Hill Hold Assist 0114 R2
- Hill Hold Assist 0114 R1
- 0104 R603
- Main Door Control
- Door Control R1
- Door Control R2
- Door Control R3
- 17 BCM R6_0000
- CAN Converter (Brake)
- EDU_2301
- Sub Door Control
- Auto Light
- CAN GND_2A01
- ADB R1
- Urea SCR_1B01
- RZ4E + SCR
- RZ4E_2300
- RZ4E R6_2305
- 6WG1_89BE
- 6NX1 R6
- 6NX1 R4
- 6UZ1 R8_8F07
- 6WG1 R10_8F09
- Smoother-GX_0B0F
- Smoother-GX_0B0E
- Smoother (MZW) R16_0B10
- GIGA Smoother-EDS R4-R5
- 0030 R15
- 0030 R9
- 2010-2011 GIGA DCU
- 2010-2011 GIGA DCU_2
- 0011 R10
- 0011 R11
- 0011 R5
- 0030 R3
- 2007-2009 VN12 Smoother-Ex
- Mimamori_D4A1
- Mimamori_D4A2
- Mimamori_D491
- Mimamori_D490

Improved function & bug fixed

ADAS(N/F Series) improved
DTC item added
Data analysis improved
System comm. Stabilized

[Back to Index](#)**FUSO****New Model & System added****ROSA (EURO 5)**

- ABS - Antilock brake system Control unit
- EEC - Engine Control unit
- EZGO - Hill Start Assist Control unit
- ICUC - Instrument panel
- ISS - Automatic engine start/stop Control unit
- MPC - Multifunction camera
- RDF - Radar sensor
- SRS - Supplemental restraint system
- SSAM - Single signal acquisition and actuator module
- TCM - DUONIC Control unit
- VRDU - Driver assistance system

FIGHTER 19 MODEL

- CGW - Central gateway
- ABS - Antilock brake system
- ACM - AdBlue(R) exhaust gas aftertreatment unit (DCU)
- ASAM - Advanced signal acquisition and actuation module
- CDS - Central data memory
- CTP - Common Telematics Platform
- ECMD - Combustion engine Control unit (6M60)
- ICUC - Instrument panel
- IMMO - Immobilizer Control unit
- MPC - Multifunction camera
- MS - Maintenance system
- RDF - Radar sensor
- SAS - Steering wheel angle sensor
- SRS - Supplemental restraint system
- TCC - Truck Control Center
- VRDU - Driver assistance system

[Back to Index](#)**AUDI/VW/SEAT/SKODA****New Model & System added**

VW WORKER 2016 New Model Added
- Engine Electronics

New System added

23-Engine Electronics (UDS) New System Added
- Basic Function items added

Więcej informacji pod TEL +48 +601 817 201 lub na www.gscan.com.pl

- DTC analysis
- Data analysis
- Actuation Test
- Special function items added
- Basic setting
- Adaptation
- Coding
- Security Access

Function improved - New Items added

01-Engine Electronics (UDS)

- Basic Function items added
- DTC analysis
- Data analysis
- Actuation Test
- Special function items added
- Basic setting
- Adaptation
- Coding
- Security Access

08-Engine Electronics (UDS)

- Basic Function items added
- DTC analysis
- Data analysis
- Actuation Test
- Special function items added
- Basic setting
- Adaptation
- Coding
- Security Access

3C-Engine Electronics (UDS)

- Basic Function items added
- DTC analysis
- Data analysis
- Actuation Test
- Special function items added
- Basic setting
- Adaptation
- Coding
- Security Access

56-Radio Electronics (CAN Type)

- Basic Function added
- DTC analysis
- Data analysis
- Special function added
- Basic setting
- Adaptation Control
- Long Coding

5F-Information Electronics (UDS)

- Basic Function items added
- DTC analysis
- Data analysis
- Actuation Test

- Special function items added
- Basic setting
- Adaptation
- Coding
- Security Access

62-Door Electronic Left Rear (CAN Type)

- Basic Function added
- DTC analysis
- Data analysis
- Special function added
- Basic setting
- Adaptation Control
- Long Coding

72-Door Electronics Right Rear (CAN Type)

- Basic Function added
- DTC analysis
- Data analysis
- Special function added
- Basic setting
- Adaptation Control
- Long Coding

VW Atlas A5-Front sensors Driver Assistance (UDS)

- Special function items added
- Calibrating front camera

VW E-Tron A5-Front sensors Driver Assistance (UDS)

- Special function items added
- Calibrating front camera

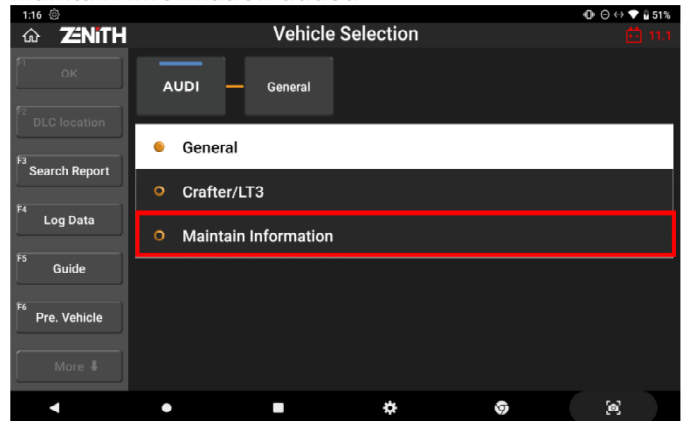
AUDI Q3 A5-Front sensors Driver Assistance (UDS)

- Special function items added
- Calibrating front camera

AUDI Q5 A5-Front sensors Driver Assistance (UDS)

- Special function items added
- Calibrating front camera

Maintain Information added

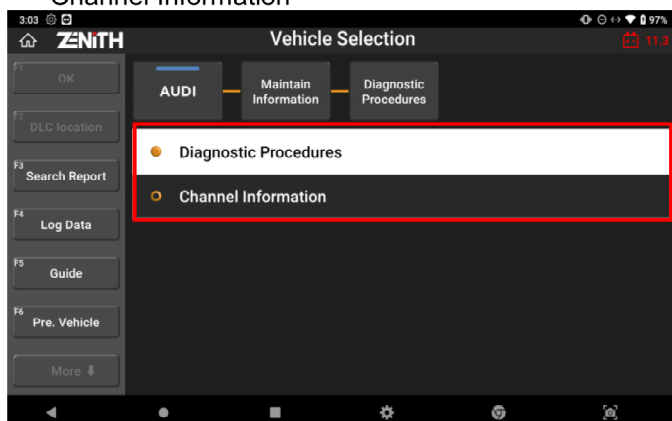


2 type's Maintain Information added

- Diagnostic Procedure

Więcej informacji pod TEL +48 +601 817 201 lub na www.gscan.com.pl

- Channel Information



New Model & System added

FLUENCE ZE

A.B.S

- Basic Function
 - DTC analysis
 - Data Analysis
 - Actuator Test
 - ECU information
- Special Function
 - Read Configuration
 - Check target teeth
 - Transverse acceleration offset sensor
 - Steering wheel angle offset sensor
 - Brake pressure offset sensor
 - Reset
 - Write Date of Last After Sales Operation
 - Speedo index
 - Acceleration Sensor
 - Hill Start
 - Steering wheel angle sensor
 - Bleed rear R/H wheel
 - Bleed rear L/H wheel
 - Bleed front R/H wheel
 - Bleed front L/H wheel
 - R/H Rear Wheel Solenoid Valves
 - L/H Rear Wheel Solenoid Valves
 - R/H Front Wheel Solenoid Valves
 - L/H Front Wheel Solenoid Valves
 - V.I.N write

Variable PAS

- Basic Function
 - DTC analysis
 - Data analysis
 - ECU information
- Special Function
 - V.I.N write
 - Tuning Version Number
 - Read configuration

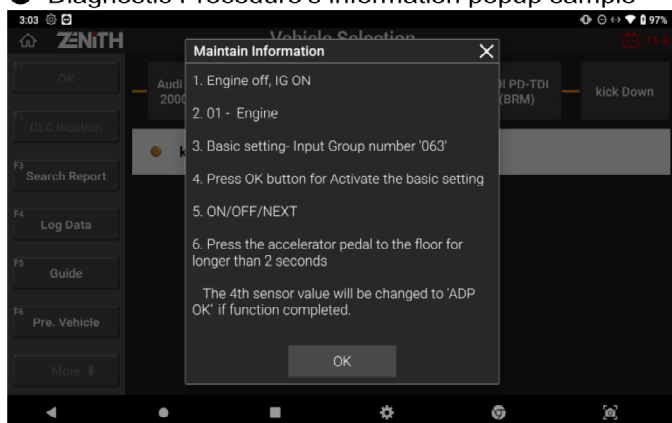
UCH

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation test
 - ECU information
- Special Function
 - V.I.N write

Airbag

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation test
 - ECU information
- Special Function
 - V.I.N write
 - Read configuration

● Diagnostic Procedure's information popup sample



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FORD EU

Model year extended

MONDEO 1.8L DURATEC-HE/I4 ~ 2004

MONDEO 1.8L Zetec ~ 2002

New type system added

Ranger 2.2L

- HVAC(Heating Ventilation Air Conditioning)

Ranger 2.2L

- FCDIM(Front Control/Display Interface Module)
- HVAC(Heating Ventilation Air Conditioning)
- IPC(Instrument Panel Control Module)

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RENAULT / DACIA

Lock Computer
Unlock computer
Side on Which Steering Wheel Fitted

Air conditioning

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation test
 - ECU information
- Special Function
 - V.I.N write
 - Computer reinitialisation
 - Geographical Zone

Instrument panel

- Basic Function
 - DTC Analysis
 - Data Analysis
 - Actuation Test
 - ECU Info
- Special Function
 - Language Version
 - Adac Display Type
 - Distance Units
 - Overspeed Alarm
 - Seat Belt Warning Module
 - Personalised oil change Frequency
 - Fuel Type
 - Restart the Computer
 - V.I.N write
 - Update odometer
 - Oil change interval in KM
 - Oil change interval in Months
 - Oil change range:current value in KM
 - Oil change Range : current value in months

UPC

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation test
 - ECU information
- Special Function
 - High Pressure Pump counter
 - Number Of Starting Cycles
 - High Pressure Pump counter
 - Stater Wear Counter
 - Computer Initialisation
 - Resetting Internal Protection

Sunroof Control Unit

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation test
 - ECU information

Parking Assistance

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation test
 - ECU information
- Special Function
 - Read configuration
 - Buzzer Volume
 - Rear Detection
 - Front Detection
 - Side Detection
 - Tone adjustment
 - Caravantowing Distance
 - V.I.N write

Driver Door

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation test
 - ECU information
- Special Function
 - Computer Reinitialisation

Battery Charge Box

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation test
 - ECU information
- Special Function
 - V.I.N write

Electric Valve control

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation test
 - ECU information
- Special Function
 - Read configuration
 - Fan Assembly
 - Vacuum Pump Ageing Counter [RZ001]
 - Driving Water Pump
 - Charge Water Pump
 - Vacuum Pump Ageing Counter [VP001]
 - V.I.N write

Power Electronics Block

- Basic Function
 - DTC analysis
 - Data analysis
 - ECU information
- Special Function
 - V.I.N write

Battery Monitoring System Safety

- Basic Function
 - DTC analysis
 - Data analysis
 - ECU information
- Special Function
 - Start Authorisation From BMS Safety

RADIO

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation test
 - ECU information
- Special Function
 - Read Configuration
 - Write date of last after sales operation

Multi Media

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation test
 - ECU information

Feedback

GRE : SCENIC I ABS,AT,Aircon function enhanced
JPN : CLIO Injector DTC code added
AUS : MASTER II ph3 AT Special function added
ISR : TRAFIC III Injector Special function enhanced
ISR : CAPTURE II Injector Missing ID added
IND : KWID DTC code added

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BMW**New Model Added**

- X5 – G05 (2019 - present)
 - DME (Digital Motor Electronics)
 - EGS (Electronic transmission control)
 - GWS (Gear selector switch)
 - VTG (Transfer box)
 - DSC (Dynamic Stability Control)
 - EPS (Electromechanical power steering)
 - HRSNL (Rear radar sensor near range left)
 - HRSNR (Rear radar sensor near range right)
 - VDP (Vertical dynamics platform)
 - VIP (Virtual integration system)
 - ACSM (Crash safety module)
 - BDC (Body Domain Controller)
 - CON (Controller)
 - FLEL (Frontal Light Electronics Left)
 - FLER (Frontal Light Electronics Right)
 - FZD (Roof function centre)
 - HKFM (Tailgate function module)
 - HU-H (Headunit High)

- IHKA (Integrated automatic heating / air conditioning system)
- KAFAS (Camera-based driver assist system)
- KOMBI (Instrument panel)
- PMA (Parking Manoeuvring Assistant)
- RAM (Receiver audio module)
- SMFA (Seat module, driver)
- TCB (Telematic Communication Box)
- TRSVC (All-round vision camera)
- ZGM (Central gateway module)

New System added**1 series – F20 / F21 (2011 - present)**

- PMA (Parking manoeuvring assistant)
 - Basic Function
 - DTC Analysis
 - Data Analysis
 - Actuation Test
 - ECU Information Display

2 series – F45 / F46 (2014 - present)

- SAS (Optional extra system)
 - Basic Function
 - DTC Analysis
 - Actuation Test
 - ECU Information Display

X1 – F48 (2016 ~ present)

- GWS (Gear selector switch)
 - Basic Function
 - DTC Analysis
 - Data Analysis
 - Actuation Test
 - ECU Information Display

X5 – F15 (2014 ~ 2018)

- EME (Electrical machine electronics)
 - Basic Function
 - DTC Analysis
 - Data Analysis
 - ECU Information Display

SME (Battery management electronics)

- Basic Function
- DTC Analysis
- Data Analysis
- ECU Information Display

KLE (Convenience charging electronics)

- Basic Function
- DTC Analysis
- Data Analysis
- ECU Information Display

TFE (Pressurized fuel tank control module)

- Basic Function
- DTC Analysis
- Data Analysis

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Actuation Test
ECU Information Display

VSG (Vehicle Sound Generator)

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

I3 – I01 (2013 - present)

RDME (Range extender digital engine electronics)

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

REME (Range extender electrical machine electronics)

- Basic Function
- DTC Analysis
- Data Analysis
- ECU Information Display

TFE (Pressurized fuel tank control module)

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

FZD (Roof function centre)

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

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LAND ROVER

Function enhanced

Range Rover Sport 2014 > CHCMB : Mexico

- Basic Function
- DTC analysis

Feedback

MEXICO : Range Rover Sport 2014 > SASM Data
analysis bug fixed

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MERCEDES BENZ

Improved function & bug fixed

System comm. Stabilized
DTC item added

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FIAT / ALFA ROMEO / LANCIA

New System Added

ECM2(Engine control module2)

- Basic Function
- DTC analysis
- Data analysis
- Actuation test
- ECU information
- Special Function
- Fuel tank leakage test
- Half engine mode activation test
- Self-adaptive parameters reset
- Stop Start Data
- Original Vin lock
- Engine oil level initialization
- Electronic throttle replacement
- Fuel supply system components replacement
- Knock sensor replacement
- Lambda sensor and or catalytic convertor and or injector replacement
- Oil change
- Oil level sensor replacement
- Supercharging system components replacement
- Timing sensor and or camshaft replacement

TCM(Transmission control module)

- Basic Function
- DTC analysis
- ECU information

CCM(Countrolled coupling module)

- Basic Function
- DTC analysis
- ECU information

CDCM(Chassis domain control module)

- Basic Function
- DTC analysis
- Data analysis
- Actuation test
- ECU information
- Special Function
- Calibration Accelerometers

TVM(Torque vectoring module)

- Basic Function
- DTC analysis

Data analysis ECU information - Special Function Clutch adjustment E-Motor replacement Gearbox data transfer Oil Change Reset System function test Torque request control	DTC analysis Data analysis Actuation test ECU information
CMM(Collision mitigation module) - Basic Function DTC analysis ECU information	LBSS(Left blind spot sensor) - Basic Function DTC analysis Data analysis Actuation test ECU information
ACC(Adaptive cruise control) - Basic Function DTC analysis Data analysis Actuation test ECU information - Special Function Active Alignment Procedure : Radar Calibration	RMN(Radio map navigation) - Basic Function DTC analysis ECU information
ADCM(Active damping control module) - Basic Function DTC analysis ECU information	AFLS(Adaptive Front Lighting Systems) - Basic Function DTC analysis Data analysis ECU information - Special Function AFLS learning/Control unit replacement
AAMR(Active aerodynamic module right) - Basic Function DTC analysis ECU information	RADIO - Basic Function DTC analysis ECU information
AAML(Active aerodynamic module left) - Basic Function DTC analysis ECU information	AMP(Amplifier) - Basic Function DTC analysis Data analysis Actuation test ECU information - Special Function Audio Measure AC+DC Channel Output Test Output Short Test Tone Test
TTM(Trailer tow module) - Basic Function DTC analysis Data analysis Actuation test ECU information	EDM(Electric Drive Modules) - Basic Function DTC analysis ECU information
RCU(Roof Control Unit) - Basic Function DTC analysis ECU information	ICS(Intergrated control system) - Basic Function DTC analysis ECU information
CTM(Convergence telematic module) - Basic Function DTC analysis ECU information	SCCM(Steering Column Control Module) - Basic Function DTC analysis ECU information
RBSS(Right blind spot sensor) - Basic Function	ETM(Entertainment telematic module)

- Basic Function DTC analysis ECU information	Actuation test ECU information
EMCM(Entertainment multimedia control module)	- Special Function Backup battery data Backup Battery Replacement Backup Battery Test Loud speaker test Microphone Test Self Test
- Basic Function DTC analysis Data analysis Actuation test ECU information	CRSM(Comfort Rearseat Module)
- Special Function Touch pad self calibration Channel Output Test Touch pad self test	- Basic Function DTC analysis Data analysis Actuation test ECU information
ANC(Active noise cancelation)	DSCM(Drive Style Control Module)
- Basic Function DTC analysis ECU information	- Basic Function DTC analysis Data analysis ECU information
TMM(Track mapping module)	PLGM(Power Liftgate Module)
- Basic Function DTC analysis ECU information	- Basic Function DTC analysis Data analysis ECU information
AHM(Additional heater module)	- Special Function Calibration close position of tailgate Calibration open position of tailgate Check cinching unit assembly Clear Self Learning Data
- Basic Function DTC analysis ECU information	DCU(Dosing Control Unit)
PAM(Parking aid module)	- Basic Function DTC analysis Data analysis Actuation test ECU information
- Basic Function DTC analysis ECU information	- Special Function Read DWIS Request Registers Reset of the first filling Reset of the Injector(RDU) Reset of the Pump Reset of the Tank
TPM(Tire pressure module)	TTEBM(Trailer Tow Electric Bar Module)
- Basic Function DTC analysis ECU information	- Basic Function DTC analysis Data analysis ECU information
DSTM(Driver seat module)	- Special Function Replacement of the Control Unit Replacement of the Tow Bar Reset Tow Bar parameters Tow Bar activation
- Basic Function DTC analysis ECU information	
PSTM(Passenger seat module)	
- Basic Function DTC analysis ECU information	
VTM(Vehicle Tracking Module)	
- Basic Function DTC analysis ECU information	
TBM2(Telematic box module)	
- Basic Function DTC analysis Data analysis	

New Function Added

PSTM(Passenger seat module)

- Basic Function
- DTC analysis
- ECU information

ESL(Selectronic steering lock)

- Basic Function
- DTC analysis
- ECU information

TRM(Tamper resistant module)

- Basic Function
- DTC analysis
- ECU information

TBM(Telematic box module)

- Basic Function
- DTC analysis
- Data analysis
- ECU information

Feedback

GRE : DOBLO PCM Actuator bug fixed

PNA : GIULIA SGW Bug fixed

[Back to Index](#)**FORD USA****Model year added**

Escape 1.6L EcoBoost - Gas Turbocharged Direct Injection 2019 ~

- PCM(PowerTrain Control Module)
- ABS(Anti-Lock Brake System)
- ACM(Audio Control Module)
- APIM(Accessory Protocol Interface Module)
- BCM(Body Control Module)
- C-CM(Cruise Control Module)
- DDM(Driver's Door Module)
- DSM(Driver's Seat Module)
- DSP(Digital Signal Processing Module)
- FCDIM(Front Control/Display Interface Module)
- FCIM(Front Controls Interface Module)
- GPSM(Global Positioning System Module)
- HCM(Headlamp Control Module)
- HUD(Head Up Display)
- HVAC(Heating Ventilation Air Conditioning)
- IPC(Instrument Panel Control Module)
- IPM-A(Image Processing Module A)
- OCSM(Occupant Classification System Module)
- PAM(Parking Aid Module)
- PDM(Passenger's Door Module)
- PSCM(Power Steering Control Module)
- RCM(Restraint Control Module)

- RFA(Remote Function Actuator)
- RGTM(Rear Gate/Trunk Module)
- SASM(Steering Angle Sensor Module)
- SOD-L(Side Obstacle Detection Control Module Left)
- SOD-R(Side Obstacle Detection Control Module Right)
- TCU(Telematic Control Unit Module)
- TRM(Trailer Module)

Escape 1.6L EcoBoost - Gas Turbocharged Direct Injection 2019 ~

- PCM(PowerTrain Control Module)
- ABS(Anti-Lock Brake System)
- ACM(Audio Control Module)
- APIM(Accessory Protocol Interface Module)
- BCM(Body Control Module)
- C-CM(Cruise Control Module)
- DDM(Driver's Door Module)
- DSM(Driver's Seat Module)
- DSP(Digital Signal Processing Module)
- FCDIM(Front Control/Display Interface Module)
- FCIM(Front Controls Interface Module)
- GPSM(Global Positioning System Module)
- HCM(Headlamp Control Module)
- HUD(Head Up Display)
- HVAC(Heating Ventilation Air Conditioning)
- IPC(Instrument Panel Control Module)
- IPM-A(Image Processing Module A)
- OCSM(Occupant Classification System Module)
- PAM(Parking Aid Module)
- PDM(Passenger's Door Module)
- PSCM(Power Steering Control Module)
- RCM(Restraint Control Module)
- RFA(Remote Function Actuator)
- RGTM(Rear Gate/Trunk Module)
- SASM(Steering Angle Sensor Module)
- SOD-L(Side Obstacle Detection Control Module Left)
- SOD-R(Side Obstacle Detection Control Module Right)
- TCU(Telematic Control Unit Module)
- TRM(Trailer Module)

[Back to Index](#)**GM USA****New Model & System added**

Buick Envision 2021

- Powertrain
 - 2.0L LSY Engine Control Module
 - Transmission Control Module
 - Rear Drive Control Module
- Chassis
 - Brake System Control Module

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Power Steering Control Module

-Body

- Body Control Module
- Lighting Control Module
- Serial Data Gateway Module
- Gear Shift Control Module
- Restraints Control Module
- Instrument Panel Cluster Control Module
- Heater and Air Conditioning User Interface Control - Front
- Image Processing Module
- Video Processing Module
- Headlamp Control Module
- Radio
- Audio Amplifier
- Telematics Control Module
- Rear Gate Module
- Driver Seat Adjuster Memory Module
- Side Obstacle Detection Control Module - Left
- Side Obstacle Detection Control Module - Right
- Wireless Accessory Charging Module
- Parking Assist Control Module with Semi Automatic Steering and Braking and Gear Shifting (UKZ)
- Parking Assist Control Module with Rear Sensors (UD7)
- Parking Assist Control Module with Front and Rear Sensors (UD5)
- Frontview Camera - Windshield
- Forward Range Radar Sensor - Long Range
- Restraints Occupant Classification System Module - Passenger

Chevrolet Suburban 2021

-Powertrain

- 3.0L LM2 Engine Control Module
- 5.3L L84 Engine Control Module
- 6.2L L87 Engine Control Module
- Transmission Control Module
- Differential Control Module

-Chassis

- Brake System Control Module
- Power Steering Control Module
- Electronic Suspension Control Module
- Automatic Level Control Module

-Body

- Body Control Module
- Lighting Control Module
- Serial Data Gateway Module
- Gear Shift Control Module
- Restraints Control Module
- Front Seat Belt Retractor Motor - Left
- Front Seat Belt Retractor Motor - Right
- Instrument Panel Cluster Control Module
- Radio Controls
- Heater and Air Conditioning User Interface Control -

Front

- Image Processing Module
- Driver Monitoring System Control Module
- Video Processing Module
- Trailer Lamp Control Module
- Radio
- Audio Amplifier
- UHF Short Range Low Energy Remote Control Access Transceiver
- Telematics Control Module
- Heater and Air Conditioning Auxiliary Control
- Rear Gate Module
- Driver Seat Adjuster Memory Module
- Running Board Control Module
- Side Obstacle Detection Control Module - Left
- Side Obstacle Detection Control Module - Right
- Wireless Accessory Charging Module
- Parking Assist Control Module with Rear Sensors (UD7)
- Parking Assist Control Module with Front and Rear Sensors (UD5)
- Frontview Camera - Windshield
- Steering Column Lock Control Module
- Forward Range Radar Sensor - Long Range
- Short Range Radar Sensor - Left Front
- Short Range Radar Sensor - Right Front
- Short Range Radar Sensor - Left Rear
- Short Range Radar Sensor - Right Rear
- Restraints Occupant Classification System Module - Passenger

Chevrolet Tahoe 2021

-Powertrain

- 3.0L LM2 Engine Control Module
- 5.3L L84 Engine Control Module
- 6.2L L87 Engine Control Module
- Transmission Control Module
- Differential Control Module

-Chassis

- Brake System Control Module
- Power Steering Control Module
- Electronic Suspension Control Module Vehicle Level Control Other
- Electronic Suspension Control Module Vehicle Level Control Automatic Level Control (F47)
- Automatic Level Control Module

-Body

- Body Control Module
- Lighting Control Module
- Serial Data Gateway Module
- Gear Shift Control Module
- Restraints Control Module
- Instrument Panel Cluster Control Module
- Radio Controls
- Heater and Air Conditioning User Interface Control - Front

Image Processing Module
Video Processing Module
Trailer Lamp Control Module
Radio
Audio Amplifier
UHF Short Range Low Energy Remote Control
Access Transceiver
Telematics Control Module
Heater and Air Conditioning Auxiliary Control
Rear Gate Module
Driver Seat Adjuster Memory Module
Running Board Control Module
Side Obstacle Detection Control Module - Left
Side Obstacle Detection Control Module - Right
Wireless Accessory Charging Module
Parking Assist Control Module with Rear Sensors
(UD7)
Parking Assist Control Module with Front and Rear
Sensors (UD5)
Frontview Camera - Windshield
Steering Column Lock Control Module
Forward Range Radar Sensor - Long Range
Short Range Radar Sensor - Left Front
Short Range Radar Sensor - Right Front
Short Range Radar Sensor - Left Rear
Short Range Radar Sensor - Right Rear
Restraints Occupant Classification System Module
– Passenger

Cadillac CT4 2020**-Powertrain**

2.0L LSY Engine Control Module
2.7L L3B Engine Control Module
Transmission Control Module 8 Speed (M5N)
Transmission Control Module 10 Speed (MQA)
Transfer Case Control Module

-Chassis

Brake System Control Module
Power Steering Control Module
Electronic Suspension Control Module

-Body

Body Control Module
Lighting Control Module
Serial Data Gateway Module
Gear Shift Control Module
Restraints Control Module Airbag (AU1)
Restraints Control Module Airbag (AYC)
Restraints Control Module Airbag (AYG)
Instrument Panel Cluster Control Module
Radio Controls
Heater and Air Conditioning User Interface Control -
Front
Image Processing Module
Radio
Audio Amplifier
Infotainment Control Switch

Telematics Control Module
Passenger Seat Adjuster Memory Module
Driver Seat Adjuster Memory Module
Side Obstacle Detection Control Module - Left
Side Obstacle Detection Control Module - Right
Wireless Accessory Charging Module
Parking Assist Control Module with Rear Sensors
(UD7)
Parking Assist Control Module with Front and Rear
Sensors (UD5)
Frontview Camera - Windshield
Column Lock Module
Forward Range Radar Sensor - Long Range
Short Range Radar Sensor - Left Rear
Short Range Radar Sensor - Right Rear
Restraints Occupant Classification System Module
– Passenger

Cadillac CT5 2020**-Powertrain**

2.0L LSY Engine Control Module
3.0L LGY Engine Control Module

Transmission Control Module
Transfer Case Control Module
Differential Control Module

-Chassis

Brake System Control Module
Power Steering Control Module
Electronic Suspension Control Module

-Body

Body Control Module
Lighting Control Module Front Cornering Lamp Not
Equipped
Lighting Control Module Front Cornering Lamp (T87)
Serial Data Gateway Module
Gear Shift Control Module
Restraints Control Module Airbag (AU1)
Restraints Control Module Airbag (AYC)
Restraints Control Module Airbag (AYG)
Front Seat Belt Retractor Motor - Left
Front Seat Belt Retractor Motor - Right
Instrument Panel Cluster Control Module
Radio Controls
Heater and Air Conditioning User Interface Control -
Front
Image Processing Module
Video Processing Module
Radio
Audio Amplifier
Infotainment Control Switch
UHF Short Range Low Energy Remote Control
Access Transceiver
Telematics Control Module
Passenger Seat Adjuster Memory Module
Driver Seat Adjuster Memory Module
Side Obstacle Detection Control Module - Left

Side Obstacle Detection Control Module - Right
Wireless Accessory Charging Module
Parking Assist Control Module with Semi Automatic Steering and Braking (UKG)
Parking Assist Control Module with Rear Sensors (UD7)
Parking Assist Control Module with Front and Rear Sensors (UD5)
Frontview Camera - Windshield
Column Lock Module
Forward Range Radar Sensor - Long Range
Short Range Radar Sensor - Rear Middle
Restraints Occupant Classification System Module - Passenger

Parking Assist Control Module with Rear Sensors (UD7)
Parking Assist Control Module with Front and Rear Sensors (UD5)
Frontview Camera - Windshield
Steering Column Lock Control Module
Forward Range Radar Sensor - Long Range
Short Range Radar Sensor - Left Front
Short Range Radar Sensor - Right Front
Short Range Radar Sensor - Left Rear
Short Range Radar Sensor - Left Rear Side
Short Range Radar Sensor - Right Rear
Short Range Radar Sensor - Right Rear Side
Restraints Occupant Classification System Module - Passenger

Cadillac CT4 2021

-Powertrain
2.0L LSY Engine Control Module
2.7L L3B Engine Control Module
Transmission Control Module 8 Speed (M5N)
Transmission Control Module 10 Speed (MQA)
Transfer Case Control Module
Differential Control Module

-Chassis
Brake System Control Module
Power Steering Control Module
Electronic Suspension Control Module

-Body

Body Control Module
Lighting Control Module
Serial Data Gateway Module
Gear Shift Control Module
Restraints Control Module Airbag (AU1)
Restraints Control Module Airbag (AYC)
Restraints Control Module Airbag (AYG)
Instrument Cluster Enhanced Driver Information Center (UDD)
Instrument Cluster Full Screen Display (UDV)
Radio Controls
Heater and Air Conditioning User Interface Control - Front
Image Processing Module
Image Processing Module 1 - Processor 1
Image Processing Module 1 - Processor 2
Driver Monitoring System Control Module
Automated Driving Mapping Module
Video Processing Module
Radio
Audio Amplifier
Infotainment Control Switch
Telematics Control Module
Passenger Seat Adjuster Memory Module
Driver Seat Adjuster Memory Module
Side Obstacle Detection Control Module - Left
Side Obstacle Detection Control Module - Right
Wireless Accessory Charging Module

Cadillac CT5 2021

-Powertrain
2.0L LSY Engine Control Module
3.0L LGY Engine Control Module
Transmission Control Module
Transfer Case Control Module
Differential Control Module

-Chassis
Brake System Control Module
Power Steering Control Module
Electronic Suspension Control Module

-Body

Body Control Module
Lighting Control Module Front Cornering Lamp Not Equipped
Lighting Control Module Front Cornering Lamp (T87)
Serial Data Gateway Module
Gear Shift Control Module
Restraints Control Module Airbag (AU1)
Restraints Control Module Airbag (AYC)
Restraints Control Module Airbag (AYG)
Front Seat Belt Retractor Motor - Left
Front Seat Belt Retractor Motor - Right
Instrument Cluster Enhanced Driver Information Center (UDD)
Instrument Cluster Full Screen Display (UDV)
Radio Controls
Heater and Air Conditioning User Interface Control - Front
Image Processing Module
Image Processing Module 1 - Processor 1
Image Processing Module 1 - Processor 2
Driver Monitoring System Control Module
Automated Driving Mapping Module
Video Processing Module
Radio
Audio Amplifier
Infotainment Control Switch
UHF Short Range Low Energy Remote Control Access Transceiver

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Telematics Control Module
Passenger Seat Adjuster Memory Module
Driver Seat Adjuster Memory Module
Side Obstacle Detection Control Module - Left
Side Obstacle Detection Control Module - Right
Wireless Accessory Charging Module
Parking Assist Control Module with Semi Automatic Steering and Braking (UKG)
Parking Assist Control Module with Rear Sensors (UD7)
Parking Assist Control Module with Front and Rear Sensors (UD5)
Frontview Camera - Windshield
Steering Column Lock Control Module
Forward Range Radar Sensor - Long Range
Short Range Radar Sensor - Left Front
Short Range Radar Sensor - Right Front
Short Range Radar Sensor - Rear Middle
Short Range Radar Sensor - Left Rear Side
Short Range Radar Sensor - Right Rear Side
Restraints Occupant Classification System Module - Passenger

Headlamp Control Module
Trailer Lamp Control Module
Radio
Audio Amplifier
Infotainment Control Switch
Telematics Control Module
Heater and Air Conditioning Auxiliary Control
Rear Gate Module
Passenger Seat Adjuster Memory Module
Driver Seat Adjuster Memory Module
Running Board Control Module
Side Obstacle Detection Control Module - Left
Side Obstacle Detection Control Module - Right
Wireless Accessory Charging Module
Parking Assist Control Module Advanced Parking Assist (UKZ)
Parking Assist Control Module with Front and Rear Sensors (UD5)
Frontview Camera - Windshield
Steering Column Lock Control Module
Forward Range Radar Sensor - Long Range
Short Range Radar Sensor - Left Front
Short Range Radar Sensor - Right Front
Short Range Radar Sensor - Left Rear
Short Range Radar Sensor - Left Rear Side
Short Range Radar Sensor - Right Rear
Short Range Radar Sensor - Right Rear Side
Restraints Occupant Classification System Module - Passenger

Cadillac Escalade 2021

-Powertrain

3.0L LM2 Engine Control Module
6.2L L87 Engine Control Module
Transmission Control Module
Differential Control Module

-Chassis

Brake System Control Module
Power Steering Control Module
Electronic Suspension Control Module Vehicle Level Control Other
Electronic Suspension Control Module Vehicle Level Control Automatic Level Control (F47)
Automatic Level Control Module

-Body

Body Control Module
Lighting Control Module
Serial Data Gateway Module
Gear Shift Control Module
Restraints Control Module
Front Seat Belt Retractor Motor - Left
Front Seat Belt Retractor Motor - Right
Instrument Panel Cluster Control Module
Night Vision Control Module
Radio Controls
Heater and Air Conditioning User Interface Control - Front
Image Processing Module
Image Processing Module 1 - Processor 1
Image Processing Module 1 - Processor 2
Driver Monitoring System Control Module
Automated Driving Mapping Module
Video Processing Module

Cadillac Escalade ESV 2021

-Powertrain

3.0L LM2 Engine Control Module
6.2L L87 Engine Control Module
Transmission Control Module
Differential Control Module

-Chassis

Brake System Control Module
Parking Brake Control Module
Power Steering Control Module
Electronic Suspension Control Module Vehicle Level Control Other
Electronic Suspension Control Module Vehicle Level Control Automatic Level Control (F47)
Automatic Level Control Module

-Body

Body Control Module
Lighting Control Module
Serial Data Gateway Module
Gear Shift Control Module
Restraints Control Module
Front Seat Belt Retractor Motor - Left
Front Seat Belt Retractor Motor - Right
Instrument Panel Cluster Control Module
Night Vision Control Module
Radio Controls

Heater and Air Conditioning User Interface Control - Front

Image Processing Module

Image Processing Module 1 - Processor 1

Image Processing Module 1 - Processor 2

Driver Monitoring System Control Module

Automated Driving Mapping Module

Video Processing Module

Headlamp Control Module

Trailer Lamp Control Module

Radio

Audio Amplifier

Infotainment Control Switch

Telematics Control Module

Heater and Air Conditioning Auxiliary Control

Rear Gate Module

Passenger Seat Adjuster Memory Module

Driver Seat Adjuster Memory Module

Running Board Control Module

Side Obstacle Detection Control Module - Left

Side Obstacle Detection Control Module - Right

Wireless Accessory Charging Module

Parking Assist Control Module Advanced Parking Assist (UKZ)

Parking Assist Control Module with Front and Rear Sensors (UD5)

Frontview Camera - Windshield

Steering Column Lock Control Module

Forward Range Radar Sensor - Long Range

Short Range Radar Sensor - Left Front

Short Range Radar Sensor - Right Front

Short Range Radar Sensor - Left Rear

Short Range Radar Sensor - Left Rear Side

Short Range Radar Sensor - Right Rear

Short Range Radar Sensor - Right Rear Side

Restraints Occupant Classification System Module - Passenger

Serial Data Gateway Module

Gear Shift Control Module

Restraints Control Module

Instrument Panel Cluster Control Module

Radio Controls

Heater and Air Conditioning User Interface Control - Front

Image Processing Module

Video Processing Module

Trailer Lamp Control Module

Radio

Audio Amplifier

Telematics Control Module

Heater and Air Conditioning Auxiliary Control

Rear Gate Module

Driver Seat Adjuster Memory Module

Running Board Control Module

Side Obstacle Detection Control Module - Left

Side Obstacle Detection Control Module - Right

Wireless Accessory Charging Module

Parking Assist Control Module

Frontview Camera - Windshield

Steering Column Lock Control Module

Forward Range Radar Sensor - Long Range

Short Range Radar Sensor - Left Front

Short Range Radar Sensor - Right Front

Short Range Radar Sensor - Left Rear

Short Range Radar Sensor - Right Rear

Restraints Occupant Classification System Module - Passenger

GMC Yukon XL 2021

-Powertrain

3.0L LM2 Engine Control Module

5.3L L84 Engine Control Module

6.2L L87 Engine Control Module

Transmission Control Module

Differential Control Module

-Chassis

Brake System Control Module

Power Steering Control Module

Electronic Suspension Control Module Vehicle Level Control Other

Electronic Suspension Control Module Vehicle Level Control Automatic Level Control (F47)

Automatic Level Control Module

-Body

Body Control Module

Lighting Control Module

Serial Data Gateway Module

Gear Shift Control Module

Restraints Control Module

Front Seat Belt Retractor Motor - Left

Front Seat Belt Retractor Motor - Right

Instrument Panel Cluster Control Module

Radio Controls

GMC Yukon 2021

-Powertrain

3.0L LM2 Engine Control Module

5.3L L84 Engine Control Module

6.2L L87 Engine Control Module

Transmission Control Module

Differential Control Module

-Chassis

Brake System Control Module

Power Steering Control Module

Electronic Suspension Control Module Vehicle Level Control Other

Electronic Suspension Control Module Vehicle Level Control Automatic Level Control (F47)

Automatic Level Control Module

-Body

Body Control Module

Lighting Control Module

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Heater and Air Conditioning User Interface Control - Front

Image Processing Module

Video Processing Module

Trailer Lamp Control Module

Radio

Audio Amplifier

Telematics Control Module

Heater and Air Conditioning Auxiliary Control

Rear Gate Module

Driver Seat Adjuster Memory Module

Running Board Control Module

Side Obstacle Detection Control Module - Left

Side Obstacle Detection Control Module - Right

Wireless Accessory Charging Module

Parking Assist Control Module

Frontview Camera - Windshield

Steering Column Lock Control Module

Forward Range Radar Sensor - Long Range

Short Range Radar Sensor - Left Front

Short Range Radar Sensor - Right Front

Short Range Radar Sensor - Left Rear

Short Range Radar Sensor - Right Rear

Restraints Occupant Classification System Module

- Passenger

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CHRYSLER/JEEP/DODGE

New model and system added

2013~Present RAM 700 (Brazil)

Engine

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation test
 - ECU information

- Special Function

- Injector programming
- Reset self-learned functions
- Oil change (only for version with DPF)
- Particle filter replacement (only for version with DPF)
- Particle filter regeneration (only for version with DPF)
- Replacement of control unit and injectors
- Rail pressure sensor replacement
- Pre-catalyser replacement (only for version with DPF)
- Differential pressure sensor replacement (only for version with DPF)
- Lambda sensor replacement (only for version with Lambda sensor)
- Air flow meter replacement (only for version with Lambda sensor)

Phonic wheel replacement

ABS

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation test
 - ECU information
- Special Function
 - Steering angle calibration
 - Yaw sensor calibration
 - Lateral acceleration sensor calibration
 - Longitudinal acceleration sensor calibration

Airbag

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation test
 - ECU information
- Special Function
 - Module Installation Yaw sensor calibration

Body

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation test
 - ECU information
- Special Function
 - Power Supply Mode (Logistic Mode)
 - Remote programming

Instrument

- Basic Function
 - DTC analysis
 - Data analysis
 - Actuation test
 - ECU information
- Special Function
 - Next service reset
 - Activate seat belt alarm

New type system or function added

2020~2021 Renegade

- PCM (Powertrain Control Module)
- ABS (Anti Lock Brake System)
- ACC (Adaptive Cruise Control)
- AMP (Audio)
- BCM (Body Control Module)
- CSWM (Comfort Seat Wheel Module)
- DDM (Drivers Door Module)
- DTCM (Drive Train Control Module)
- ESL (Electronic Steering Lock)
- PAM (Parking Aid Module)
- PTU (Power Transfer Unit)
- EDM (Electronic Damper Module)
- EPS (Electric Power Steering)

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- ESM (Electronic Shifter Module)
- ETM (Entertainment Telematic Module)
- HVAC (Heat Vent A/C)
- HALF (Haptical Lane Feedback)
- ICS (Integrated Center Stack)
- IPC (Instrument Panel Cluster)
- LBSS (Left Blind Spot Sensor)
- OCM (Occupant Classification Module)
- ORC (Occupant Restraint Control)
- PDM (Passenger Door Module)
- PLM (Power Liftgate Module)
- RADIO (Radio)
- RBSS (Right Blind Spot Sensor)
- RFH (Radio Frequency Hub)
- RRM (Radio Receiver Module)
- SCCM (Steering Column Module)
- TBM (Telematic Box Module)
- TCM (Transmission Control Module)
- TPM (Tire Pressure Monitor)
- TTM (Trailer Tow Module)

2020~2021 RAM Truck

- PCM (Powertrain Control Module)
- ABS (Anti Lock Brake System)
- AMP (Audio)
- ANC (Active Noise Cancelation)
- ASCM (Air Suspension Control Module)
- BCM (Body Control Module)
- DDM (Drivers Door Module)
- DSM (Display Screen Module)
- DTCM (Drive Train Control Module)
- EDM (Electronic Damper Module)
- EPS (Electric Power Steering)
- ESM (Electronic Shifter Module)
- HSM (Heated Seat Module)
- HVAC (Heat Vent A/C)
- ICS (Integrated Center Stack)
- IPC (Instrument Panel Cluster)
- MSMD (Memory Seat Module)
- ORC (Occupant Restraint Control)
- PDM (Passenger Door Module)
- PTS (Park Assist Module)
- RADIO (Radio)
- RFH (Radio Frequency Hub)
- SCCM (Steering Column Module)
- TCM (Transmission Control Module)

2020~2021 Wrangler

- PCM (Powertrain Control Module)
- ABS (Anti Lock Brake System)
- AMP (Audio)
- ASBS (Auto Sway Bar System)
- BCM (Body Control Module)
- CCN (Instrument Cluster / Cabin Compartment Node)
- ESM (Electronic Shifter Module)
- HFM (Hands Free Module)
- HVAC (Heat Vent A/C)
- ITM (Intrusion)

- ORC (Occupant Restraint Control)
- RADIO (Radio)
- SAS (Steering Angle Sensor)
- TCM (Transmission Control Module)
- TPM (Tire Pressure Monitor)
- WCM (Wireless Control Module)

2020~2021 Gladiator

- PCM (Powertrain Control Module)
- ABS (Anti Lock Brake System)
- AMP (Audio)
- ASBS (Auto Sway Bar System)
- BCM (Body Control Module)
- CCN (Instrument Cluster / Cabin Compartment Node)
- ESM (Electronic Shifter Module)
- HFM (Hands Free Module)
- HVAC (Heat Vent A/C)
- ITM (Intrusion)
- ORC (Occupant Restraint Control)
- RADIO (Radio)
- SAS (Steering Angle Sensor)
- TCM (Transmission Control Module)
- TPM (Tire Pressure Monitor)
- WCM (Wireless Control Module)

2020~2021 300

- PCM (Powertrain Control Module)
- ABS (Anti Lock Brake System)
- TCM (Transmission Control Module)
- TPM (Tire Pressure Monitor)

2020~2021 Town&country

- PCM (Powertrain Control Module)
- ABS (Anti Lock Brake System)
- TCM (Transmission Control Module)
- TPM (Tire Pressure Monitor)

2020~2021 Pacifica

- PCM (Powertrain Control Module)
- ABS (Anti Lock Brake System)
- TCM (Transmission Control Module)
- TPM (Tire Pressure Monitor)

Feedback

USA : RAM 3500 Pick up Special function added
USA : COMPASS Special function added
IND : JOURNEY DTCM,ABS Bug fixed
INS : MAGNUM PCM actuator bug fixed
PNA : RENEGADE DASM Missing ID added
ISR : GLADIATOR PCM sensor added
AUS : GRAND CHEROKEE Special function added
PNA : PACIFICA 2022 year added

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OPEL / VAUXHALL**New Type and Function added****Astra-H REC (Rear Electrical Centre)**

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Astra-H Engine Z 13 DTH

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Astra-H Engine Z 16 XEP

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Astra-H MTA (Easytronic Magneti Marelli)

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Vectra-C IPC(Instrument)

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Vectra-C Wipers/Washer

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Vectra-C UEC (Underhood Electrical Centre)

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Vectra-C CIM (Steering Column Module)

- Basic Function
- DTC Analysis

- Data Analysis
- Actuation Test
- ECU Information Display

Vectra-C EHS (Electrical Heater System)

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Corsa-D BCM (Body Control Module)

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Corsa-D Engine A 12 XEL

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Corsa-D Engine A 12 XER

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Corsa-D ABS/ESP

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Meriva-B Engine A 14 XER (LDD)

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Meriva-B Inflatable Restraint Sensing&Diag. Module

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

OMEGA-B Engine X 20 XEV

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test

ECU Information Display**Zafira Engine Z 16 XE**

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Vectra-C CIM (Steering Column Module)

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Agila Electronic Power Steering

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Corsa-C Electronic Power Steering

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Meriva ABS

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Meriva Electronic Power steering

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Zafira-B Engine Z 16 XE1

- Basic Function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

[Back to Index](#)**HOLDEN****Improved function & bug fixed**

System comm. Stabilized
DTC item added

[Back to Index](#)**MERCEDES COMMERCIAL****Improved function & bug fixed**

System comm. Stabilized
DTC item added

[Back to Index](#)**HYUNDAI/KIA TRUCK/BUS****New Model added****HYUNDAI TRUCK / BUS GENERAL**

Aero Bus(CRC) 1999~2011
Aerocity-Low Floor(CLR) 2013~2014
Elec-city(FCEV) 2020~2021
H350(EU) 2015~2021
HD78 GT[QTc Wide] 2017~2021
Heavy Duty Truck(TRA) 2003~2021
Light Duty Truck[EX6~10] 2017~2021
Light Duty Truck[HD35L~45L](LT)
2017~2021
PAVIS(QV) 2019~2021
Unicity(LU) 2012~2021
Xcient FE(QZFEev) 2020~2021
Xcient(GT) 2020~2021
Xcient(QZ RHD) 2018~2021

HYUNDAI TRUCK / BUS KOREA

Aero Bus(CRC) 1999~2011
Aerocity-Low Floor(CLR) 2003~2021
Blue-City(8K11) 2012~2021
Elec-city(LKEV) 2018~2021
Elec-city(LKFEev) 2019~2021
Global900(NK11) 2002~2010
GreenCity(NK21) 2010~2021
HD120(VB) 1997~2004
Heavy Duty Truck(TRA) 2000~2021
LM-CITY(FCEV) 2020~2021
MegaTruck Wide(VD11) 2008~2021
Mighty(UD) 2004~2014
Mighty Narrow(QT21) 2015~2021
Mighty Wide(QT11) 2015~2021
PAVIS(QV) 2019~2021
Solati(EU11) 2015~2021
Unicity(LU) 2012~2021

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SMART

Improved function & bug fixed

System comm. Stabilized
DTC item added

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MAHINDRA

New Type System and Function added

SCORPIO > BS6 > EMS : India
XUV500 > XUV500_BS6 > EMS : India
THAR > THAR_BS6 > EMS : India
BOLEROPICKUP > BOLEROPICKUP_BS6 > EMS :
India
JEETO > JEETO_BS6 > EMS : India
TUV300 > TUV300_BS6 > EMS : India
SUPRO > SUPRO_BS6 > EMS : India
MARAZZO > MARAZZO_BS6 > EMS : India

- Basic Function
 - DTC analysis
 - Data analysis
 - ECU information
- Special Function
 - DPF Service Regeneration
 - Write IQA Values
 - DPF Reset
 - Reset DEF Tank Level
 - Write EVGT
 - SCR AutoEOL Status
 - Reset SCR First Filling Status
 - Reset SCR Inducement - 50 Kms distance extension
 - SCR NH3 Initialization Load Value
 - SDPF Change
 - Dosing Module / Supply Pump Change
 - DPS Learning Reset
 - First Filling Test
 - Emptying of SCR System
 - Pressure Preparation Test
 - DEF Leak Test
 - Dosing Valve Dry Actuation Test
 - DEF Backflow Pump Test
 - DEF Metered Dosing Test
 - DEF Static Dosing Test
 - DEF Dynamic Dosing Test
 - DEF Dosing Module Spray Test
 - SCR Auto EOL Test

BOLERO-POWERPLUS > BS6 : India

EMS

- Basic Function
 - DTC analysis
 - Data analysis
 - ECU information
- Special Function
 - DPF Service Regeneration
 - Write IQA Values
 - DPF Reset
 - Reset DEF Tank Level
 - Write EVGT
 - SCR AutoEOL Status
 - Reset SCR First Filling Status
 - Reset SCR Inducement - 50 Kms distance extension
 - SCR NH3 Initialization Load Value
 - SDPF Change
 - Dosing Module / Supply Pump Change
 - DPS Learning Reset
 - First Filling Test
 - Emptying of SCR System
 - Pressure Preparation Test
 - DEF Leak Test
 - Dosing Valve Dry Actuation Test
 - DEF Backflow Pump Test
 - DEF Metered Dosing Test
 - DEF Static Dosing Test
 - DEF Dynamic Dosing Test
 - DEF Dosing Module Spray Test
 - SCR Auto EOL Test

ABS

- Basic Function
 - DTC analysis
 - Data analysis
 - ECU information

IC

- Basic Function
 - DTC analysis
 - Actuation
 - ECU information

IMMO

- Basic Function
 - DTC analysis
 - Data analysis
 - ECU information

BS6 > BS6 > EMS_UDS_MDG_BSVI : India

- Basic Function
 - DTC analysis
 - Data analysis
 - ECU information
- Special Function
 - DPF Service Regeneration
 - Write IQA Values
 - DPF Reset

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Reset DEF Tank Level
Write EVGT

Function Improved

Mahindra (South America) > Genio : Chille
Mahindra (South America) > Pik Up : Chille
Mahindra (South America) > Scorpio : Chille
Mahindra (South America) > XUV 500 : Chille
- Special Function
DPF Regeneration

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TATA**New Function added**

POWERTRAIN > XENON > ALL : AU
- Special Function
Idle Regeneration in Garage Mode

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MG**New Model & System added**

LING HANG

- EMS
- TCM
- ABS/SCS
- SDM
- IPK
- TPMS
- BCM
- TBOX
- GW
- SCU
- TCCM
- CCEOP
- EPS
- FVCM
- FDR
- PEPS
- ESCL
- AC
- PLCM
- FICM
- RDA
- AVM

MG6 2019

- EMS
- TCM

- ABS/SCS
- SDM
- IPK
- TPMS
- BCM
- TBOX
- GW
- CCEOP
- SCU
- EPS
- FVCM
- PEPS
- AC
- ESCL
- RDA
- FICM

MG6 2014

- EMS
- TCM
- ABS/SCS
- SDM
- IPK
- EPB
- BCM
- AC
- EPS
- AFS
- SAS
- RS
- ESCL
- PDC
- FICM
- ETC
- SCU
- TBOX

MG6 2013

- EMS
- TCM
- ABS/SCS
- SDM
- IPK
- EPB
- BCM
- AC
- RS
- ESCL
- PDC
- FICM
- ETC
- SCU

MG6 -2012

- EMS
- TCM
- ABS/SCS
- SDM

- IPK
- BCM
- AC
- RS
- ESCL
- PDC
- FICM
- ETC

eMG6 2020

- EMS
- ABS/SCS
- SDM
- IPK
- TPMS
- BCM
- TBOX
- GW
- SCU
- HCU
- BMS
- ISC
- CCU
- CMM
- EPS
- FVCM
- PEPS
- ESCL
- AC
- FICM
- RDA

eMG6 2019

- EMS
- ABS/SCS
- SDM
- IPK
- TPMS
- BCM
- GW
- TBOX
- SCU
- BMS
- ISC
- DCDC
- HCU
- CMM
- EPS
- FVCM
- APA/PDC
- PEPS
- ESCL
- AC
- FICM

eMG6 2018

- EMS
- ABS/SCS

- SDM
- IPK
- BCM
- BMS
- DHL
- EPS
- ESCL
- FICM
- FVCM
- GW
- HCU
- AC
- ISC
- APA/PDC
- PEPS
- SCU
- TBOX
- TC

MG eHS

- EMS
- ABS/SCS
- SDM
- IPK
- TPMS
- BCM
- TBOX
- GW
- SCU
- HCU
- ISC
- DCDC
- CMM
- BMS
- EPS
- FVCM
- APA/PDC
- PEPS
- AC
- PLCM
- ESCL
- FICM
- RDA
- ALCM

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