GScan1 / GScan2 Software Release Highlights
September 2017

North American Master Distributor
CAS : 1-877-263-4897
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<table>
<thead>
<tr>
<th>Brand</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOYOTA/LEXUS</td>
<td>2</td>
</tr>
<tr>
<td>NISSAN/INFINITI</td>
<td>3</td>
</tr>
<tr>
<td>HONDA/ACURA</td>
<td>6</td>
</tr>
<tr>
<td>MITSUBISHI</td>
<td>7</td>
</tr>
<tr>
<td>MAZDA</td>
<td>7</td>
</tr>
<tr>
<td>SUZUKI/MARUTI</td>
<td>7</td>
</tr>
<tr>
<td>DAIHATSU</td>
<td>8</td>
</tr>
<tr>
<td>SUBARU</td>
<td>8</td>
</tr>
<tr>
<td>ISUZU</td>
<td>9</td>
</tr>
<tr>
<td>SSANGYONG</td>
<td>9</td>
</tr>
<tr>
<td>HINO</td>
<td>10</td>
</tr>
<tr>
<td>UD</td>
<td>10</td>
</tr>
<tr>
<td>ASIAN TRUCK/BUS</td>
<td>10</td>
</tr>
<tr>
<td>AUDI/VW/SEAT/SKODA</td>
<td>12</td>
</tr>
<tr>
<td>FORD EU</td>
<td>13</td>
</tr>
<tr>
<td>RENAULT/DACIA</td>
<td>14</td>
</tr>
<tr>
<td>BMW</td>
<td>15</td>
</tr>
<tr>
<td>MINI</td>
<td>19</td>
</tr>
<tr>
<td>LAND ROVER</td>
<td>20</td>
</tr>
<tr>
<td>JAGUAR</td>
<td>33</td>
</tr>
<tr>
<td>MERCEDES BENZ</td>
<td>36</td>
</tr>
<tr>
<td>FIAT</td>
<td>39</td>
</tr>
<tr>
<td>ALFA ROMEO</td>
<td>41</td>
</tr>
<tr>
<td>LANCIA</td>
<td>43</td>
</tr>
<tr>
<td>PEUGEOT</td>
<td>45</td>
</tr>
<tr>
<td>CITROEN</td>
<td>45</td>
</tr>
<tr>
<td>VOLVO</td>
<td>66</td>
</tr>
<tr>
<td>EUROPE TRUCKS BETA</td>
<td>67</td>
</tr>
<tr>
<td>FORD USA</td>
<td>67</td>
</tr>
<tr>
<td>FORD USA (LINCOLN)</td>
<td>68</td>
</tr>
<tr>
<td>FORD USA (MERCURY)</td>
<td>69</td>
</tr>
<tr>
<td>GM USA</td>
<td>69</td>
</tr>
<tr>
<td>CHRYSLER/JEEP/DODGE</td>
<td>72</td>
</tr>
<tr>
<td>PERODUA</td>
<td>73</td>
</tr>
<tr>
<td>OPEL/GM BRAZIL</td>
<td>73</td>
</tr>
<tr>
<td>MAHINDRA</td>
<td>74</td>
</tr>
<tr>
<td>SAIPA</td>
<td>75</td>
</tr>
<tr>
<td>TATA</td>
<td>76</td>
</tr>
<tr>
<td>HOLDEN</td>
<td>76</td>
</tr>
<tr>
<td>PROTON</td>
<td>77</td>
</tr>
<tr>
<td>ETC.</td>
<td>77</td>
</tr>
</tbody>
</table>

Click on any car line above to jump to that page. Click on [Back to Index] to return back to this page.....
G-scan & G-scan2 Distributor Bulletin
2017 September Update Details

Sep 05, 2017

TOYOTA/LEXUS

TCCS (Engine/AT) System
- Basic Function enhanced
  DTC analysis
- Special Function added
  Evaporative System Check

Old Type TCCS (Engine/AT) System
- Basic Function added
  Freeze Frame Data

New Type TCCS (Engine/AT) System
- Basic Function added
  Freeze Frame Data

Electric Parking Brake System
- Special Function added
  Check Mode

Transmission (ECT/SMT/MMT)
- Special Function added
  A/T Code Reset

Stop and Go System
- Special Function added
  Check Mode

SRS Airbag System
- Special Function added
  Check Mode

Hybrid Control System
- Basic Function fixed
  Data analysis
- Special Function added
  Check Mode

Electric Power Steering System
- Special Function added
  Check Mode

ARS (Active Rear Steer) System
- Special Function added
  Check Mode

New Type Hybrid Vehicle System
- Basic Function added
  Freeze Frame Data

New Type Hybrid Vehicle Battery System
- Basic Function added

Freeze Frame Data

New Type Radar Cruise Control (HV) System
- Basic Function added
  Freeze Frame Data

Radar Cruise Control (HV) System
- Basic Function added
  Freeze Frame Data

New Type Motor Generator System
- Basic Function added
  Freeze Frame Data

Air Conditioner System
- Basic Function bug fixed
  DTC analysis

Front Recognition Camera System
- Basic Function added
  Freeze Frame Data

Pre-crash 2 System
- Basic Function added
  Freeze Frame Data

Blind Spot Monitor System
- Basic Function added
  Freeze Frame Data

Head Up Display System
- Basic Function added
  Freeze Frame Data

Clearance Sonar System
- Basic Function added
  Freeze Frame Data

ITS Connect System
- Basic Function added
  Freeze Frame Data

Lane Departure Alert System
- Basic Function added
  Freeze Frame Data

EV (Electric Vehicle) System
- Basic Function added
  Freeze Frame Data

ARS (Active Rear Steer) System
- Basic Function added
  Freeze Frame Data

Hybrid Vehicle Battery System

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- Basic Function added  
  Freeze Frame Data

TVD (Torque Vectoring Differential) System
- Basic Function added  
  Freeze Frame Data

4WD (4 Wheel Drive) System
- Basic Function added  
  Freeze Frame Data

VGRS (Variable Gear Ratio Steering) System
- Basic Function added  
  Freeze Frame Data

Air Suspension/TEMS/AHC System
- Basic Function added  
  Freeze Frame Data

Plug-in Control (HV) System
- Basic Function added  
  Freeze Frame Data

Active Sound Control System
- Basic Function added  
  Freeze Frame Data

Central Gateway System
- Basic Function added  
  Freeze Frame Data

Driver/Passenger Seat System
- Basic Function added  
  Freeze Frame Data

Electric Parking Brake System
- Basic Function added  
  Freeze Frame Data

Left/Right Seat Mirror System
- Basic Function added  
  Freeze Frame Data

Lane Departure Alert System
- Basic Function added  
  Freeze Frame Data

Panoramic View Monitor System
- Basic Function added  
  Freeze Frame Data

Tilt and Telescopic System
- Basic Function added  
  Freeze Frame Data

TCCS2 System
- Basic Function added  
  Freeze Frame Data

- Basic Function added  
  Freeze Frame Data

Data analysis  
Actuation Test  
Check Mode

Old Type TCCS System
- Basic Function enhanced  
  Data analysis  
  Actuation Test

Combination meter System
- Basic Function enhanced  
  Actuation Test

Convertible Roof New System added (CAN)
- Basic Function  
  Data analysis  
  Data Analysis  
  Actuation Test  
  ECU Information Display

- Special Function  
  Trunk Opener  
  Flipper Door  
  Roof Latch  
  Roof State Reset  
  Roof State Learning

Corresponding vehicle: 370Z

Air Pressure Monitor Special Function added (CAN)
- Special Function  
  Switching TPMS Between On and Off

Corresponding Vehicle: CIMA HYBRID

HV BATTERY New Type added (CAN)
- Basic Function  
  Data analysis  
  Data Analysis  
  ECU Information Display

Corresponding vehicle: LEAF

METER A/C Special Function added (CAN)
- Special Function  
  Fuel meter diagnosis (analog pointer)  
  Warning lamp diagnosis

Corresponding vehicle: INFINITI G35

EV/HEV New Type added (CAN)
- Basic Function
- Data analysis
- Data Analysis
- Actuation Test
- ECU Information Display
- Special Function
- G-Sensor Calibration
- Clutch 1 Zero Position Learning
- CL1 Brake-In Function

Corresponding vehicle: X-TRAIL

Motor Control New Type added (CAN)
- Basic Function
- Data analysis
- Data Analysis
- ECU Information Display
- Special Function
- Resolver Offset

Corresponding vehicle: X-TRAIL

HV BATTERY New Type added (CAN)
- Basic Function
- Data analysis
- Data Analysis
- Actuation Test
- ECU Information Display

Corresponding vehicle: X-TRAIL

ABS New Type added (CAN)
- Basic Function
- Data analysis
- Data Analysis
- Actuation Test
- ECU Information Display
- Special Function
- Steering Angle Sensor Adjustment
- Deceleration G Sensor Calibration

Corresponding vehicle: SERENA

Airbag New Type added (CAN)
- Basic Function
- Data analysis
- Data Analysis
- ECU Information Display

Corresponding vehicle: SERENA

3ch CAN GATEWAY New System added (CAN)
- Basic Function
- Data analysis
- ECU Information Display

Corresponding vehicle: SERENA

Auto Slide Door New Type added (CAN)
- Basic Function
- Data analysis

Corresponding vehicle: SERENA
Short Cranking Output
IGN/ACC Battery Saver
Answer Back
Answer Back I-Key Lock Unlock
Answerback I-Key Lock Unlock
Welcome Light OP Set
Intelligent Key Link Set
Remote Engine Starter
Touch Sensor Unlock Function Setting
Confirm Dongle ID
Confirm TCU ID
Siren Set
Security Alarm Set
Corresponding vehicle: SERENA

EHS/PKB New Type added (CAN)
- Basic Function
  Data analysis
  Data Analysis
  ECU Information Display
- Special Function
  Actuator 0 Point Learning
  Parking Brake In (Drag On)
Corresponding vehicle: SERENA

EPS New Type added (CAN)
- Basic Function
  Data analysis
  Data Analysis
  ECU Information Display
Corresponding vehicle: SERENA

HVAC New Type added (CAN)
- Basic Function
  Data analysis
  Data Analysis
  Actuation Test
  ECU Information Display
- Special Function
  REC Memory Set
  FRE Memory Set
  Blow Set
  Target Evaporator Temp Upper Limit Setting
  Stop/Start System Operation Condition Setting
  Air Inlet Change Setting
  Air Flow Reduction Setting
Corresponding vehicle: SERENA

ICC/ADAS2 New System added (CAN)
- Basic Function
  Data analysis
  Data Analysis
  Actuation Test
  ECU Information Display

- Special Function
  Cause of Auto-Cancel 2
Corresponding vehicle: SERENA

IPDM New Type added (CAN)
- Basic Function
  Data analysis
  Data Analysis
  ECU Information Display
- Special Function
  Cumulative Sub-Battery Discharge Current Clear
Corresponding vehicle: SERENA

Lane Camera New Type added (CAN)
- Basic Function
  Data analysis
  Data Analysis
  ECU Information Display
Corresponding vehicle: SERENA

METER New Type added (CAN)
- Basic Function
  Data analysis
  Data Analysis
  ECU Information Display
Corresponding vehicle: SERENA

Feedback
Engine Idle air volume function (Tip added)

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Engine DTC Bug fixed
SERENA (2017) – Field tested in Japan
X-trail HV – Field tested in Japan

NEW System Added
BCM_Blind Spot Information
  - Basic Function
  - DTC analysis
  - Data analysis
  - Actuation Test

BCM_Multi View Camera System
  - Basic Function
  - DTC analysis
  - Data analysis
  - Actuation Test

BCM_Rear Camera Cross Traffic Monitor
  - Basic Function
  - DTC analysis
  - Data analysis
  - Actuation Test

NEW TYPE Added
IMA: INS
  - Basic Function
  - DTC analysis
  - Data analysis
  - ECU Info

NEW FUNCTION Added
Engine: USA
  - Advanced Function
    - EVAP Test

EBP: INS
  - Advanced Function

Sensor Calibration
Brake Pad Maintenance Mode

Function Improved
Engine (Diesel): Poland
  - Basic Function
  - DTC analysis extended

Engine: Singapore
  - Basic Function
  - Data analysis extended

Engine:
  - Basic Function
  - Data analysis extended

EPB:
  - Basic Function
  - Data analysis extended

EPS: INS
  - Basic Function
  - Data analysis extended

SRS: USA
  - Basic Function
  - DTC analysis extended

VSA: UK
  - Basic Function
  - Data analysis extended

BCM_Gauge: USA, India
  - Basic Function
  - DTC analysis extended

BCM_Lighting: USA, India
  - Basic Function
  - DTC analysis extended

BCM_Doorlocks: USA, India
  - Basic Function
  - DTC analysis extended

BCM_Wiper: USA, India
  - Basic Function
  - DTC analysis extended

BCM_Keyless: USA, India
  - Basic Function
  - DTC analysis extended

BCM_Security: USA, India
  - Basic Function
  - DTC analysis extended

BCM_HVAC: USA, India
  - Basic Function
  - DTC analysis extended

Bug Fixed
IMA: INS
  - Basic Function
  - Data analysis

Engine: INS
  - Basic Function
  - Data analysis

Engine: Singapore

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- Basic Function
- Data analysis

**TPMS: USA**

- Advanced Function
- Warning Indicator

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**SUZUKI/MARUTI**

**NEW TYPE Added**

**Hustler 2016: Japan**

**EPI**

- Basic Function
- DTC analysis
- Data analysis
- Actuation Test
- ECU Info

**ABS**

- Basic Function
- DTC analysis
- Data analysis
- ECU Info

- Advanced Function
- Hydraulic Control Test
- Sensor Calibration
- ESP Setting

**BCM**

- Basic Function
- DTC analysis
- Data analysis
- ECU Info

- Advanced Function
- Door Mirror Setting
- Keyless Start System Function
- Remote Controller Battery Warning
- Security Alarm Setting
- Answer-Back Setting (Buzzer Sounding Outside Vehicle)

**Answer-Back Setting**

**Remote Controller Area Warning**

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**MITSUBISHI**

**Pajero iO (Feedback from Ecuador)**

**MPI / GDI / DIESEL**

- DTC E583 added

**eK-space (B11A, 2016) (Feedback from Japan)**

**ABS / ASC / ASTC / WSS added**

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

- Special Function
- Emission Gas Mode
- Sensor Calibration

**ETACS**

- Special Function
- VIN writing

**Entering JDM vehicle’s VIN available now**

**GALANT (Feedback from USA)**

**TPMS added**

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

- Special Function
- Tire Pressure Sensor ID Check

**Pajero sport (Feedback from USA)**

**ETACS**

- Special Function
- Option coding bug fixed

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**MAZDA**

**BT-50(RANGER) 2.3 Gasoline System Added**

- RAP (Remote Anti-Theft/Personality Module)

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G-scan & G-scan2 Distributor Bulletin
2017 September Update Details

Sep 05, 2017

Vitara 2016: Korea
ABS
- Basic Function
  DTC analysis
  Data analysis
  ECU Info
- Advanced Function
  Hydraulic Control Test
  Sensor Calibration
  ESP Setting

Swift: Indonesia
EPI
- Basic Function
  DTC analysis
  Data analysis
  Actuation Test
  ECU Info

Swift: Chile
EPI
- Basic Function
  DTC analysis
  Data analysis
  Actuation Test
  ECU Info

AT/CVT: Pakistan
- Basic Function
  DTC analysis
  Data analysis
  ECU Info
- Advanced Function
  CVT G Sensor Calibration
  Learning Value Initialization

NEW TYPE Added
IMMO: India, Dubai
- Advanced Function
  Immobilizer

Function Improved
SRS
- Basic Function
  Data analysis extended

Bug Fixed
EPI:
- Basic Function
  Data analysis
EPI: India
- Basic Function
  DTC analysis

EPI: Malaysia (Proton Ertiga)
- Basic Function
  Actuation

BCM:
- Basic Function
  Data analysis

IMMO: India
- Advanced Function
  Immobilizer Change (Register SK Code)
  ECM Change (Register SKC/PWD)
  ECU Reset
  Reset Immobilizer

DAIHATSU

ABS System
- Communication Stabilized

Feedback: MIRA COCOA, 2011

SUBARU

New system added
AC (Air condition system)
- Basic function
  DTC Analysis
  Data Analysis
  ECU Information Display

BSD-L (Blind spot detection left side)
- Basic function
  DTC Analysis
  ECU Information Display

BSD-R (Blind spot detection right side)
- Basic function
  DTC Analysis
  ECU Information Display

Infotainment
- Basic function
  DTC Analysis
  ECU Information Display

Keyless
- Basic function
  DTC Analysis
  Data Analysis

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Actuation Test
ECU Information Display
- Support function
  Keyless Access with Push Button Start Check
  Collation result history Clear

New functions added
AT (Auto Transmission)
- Support function
  Clear AT learning value

Bug fixed
ABS/VDC: Special function Stabilized
PSS: Communication stabilized
SRS: DTC items added
Eyesite: Special function stabilized

New system added
F/G Series Truck: 6W*1 – TC (GEN Thailand Spec)
- Basic function
  DTC Analysis
  Data Analysis
  ECU Information Display

F/G Series Smoother
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display
- Support function
  Reset Learned Values (Beta)

New function added
Pick up: ABS
- Basic function
  Data Analysis

Bug fixed
Pick up – Immobilizer: communication stabilized
Pick up – AT: DTC item added

ISUZU

New system added
F/G Series Wabco EBS (ESC with EBS)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display

RODIUS/STAVIC/TURISMO
- New Function added
  ECM – D20DTR
    Advanced Function
    ECU Replace
    Engine Multi Calibration
    Engine Variant Coding
  ECM – D22DTR
    Advanced Function
    ECU Replace
    Engine Multi Calibration
    Engine Variant Coding

ACTYON/KORAND SUT
- New Function added
  ECM – D20DTR
    Advanced Function
    ECU Replace
    Engine Multi Calibration
    Engine Variant Coding
  ECM – D22DTR
    Advanced Function
    ECU Replace
    Engine Multi Calibration
    Engine Variant Coding
ECU Replace
Engine Multi Calibration
Engine Variant Coding

KORANDO C
- New Function added
  TCM – AISIN 6AT
  Basic Function
  Actuation Test

ECM – D20DTF
  Advanced Function
  Engine Variant Coding

ECM – D22DTF
  Advanced Function
  ECU Replace
  Engine Multi Calibration
  Engine Variant Coding

TIVOLI
- New Function added
  ECM – G16DF
  Advanced Function
  ECU Replace

ECM – D16DTF
  Advanced Function
  ECU Replace
  Engine Multi Calibration
  Engine Variant Coding

TCM – AISIN 6AT
  Basic Function
  Actuation Test

QUON(GE13) New Type added
- WABCO EBS

TIVOLI
- New Function added
  ECM – G16DF
  Advanced Function
  ECU Replace

ECM – D16DTF
  Advanced Function
  ECU Replace
  Engine Multi Calibration
  Engine Variant Coding

TCM – AISIN 6AT
  Basic Function
  Actuation Test

PROFIA(K13C) New Type added
- Engine

Engine(P11C) New Type added
- Engine

HINO

NEW system added
Engine
  Diesel > EDC15
    Basic function
    DTC Analysis
    Data Analysis
    Actuation Test
    ECU Information Display
    Special Function
    Service Date

Engine
  Diesel > EDC16 > EDC 16 BS3
    Basic function

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<table>
<thead>
<tr>
<th>Engine</th>
<th>Diesel &gt; EDC16 &gt; EDC 16 BS4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic function</td>
<td>DTC Analysis</td>
</tr>
<tr>
<td>Data Analysis</td>
<td>Actuation Test</td>
</tr>
<tr>
<td>Actuation Test</td>
<td>ECU Information Display</td>
</tr>
<tr>
<td>ECU Information Display</td>
<td>Special Function</td>
</tr>
<tr>
<td>Special Function</td>
<td>Grid Heater Act</td>
</tr>
<tr>
<td>Air Heater</td>
<td>Starting Torque</td>
</tr>
<tr>
<td>Cranking</td>
<td>Torque Limit</td>
</tr>
<tr>
<td>Starting Torque</td>
<td>Set Idle</td>
</tr>
<tr>
<td>Torque Limit</td>
<td>PRV Reset</td>
</tr>
<tr>
<td>Set Low Idle</td>
<td>Service Date</td>
</tr>
<tr>
<td>PRV Reset</td>
<td>Programming Date</td>
</tr>
<tr>
<td>WIF Reset</td>
<td>Injectors 4 Cyl</td>
</tr>
<tr>
<td>Service Date</td>
<td>KM</td>
</tr>
<tr>
<td>Programming Date</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Engine</th>
<th>Diesel &gt; EDC17 &gt; EDC 17 SCR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic function</td>
<td>DTC Analysis</td>
</tr>
<tr>
<td>Data Analysis</td>
<td>Actuation Test</td>
</tr>
<tr>
<td>Actuation Test</td>
<td>ECU Information Display</td>
</tr>
<tr>
<td>ECU Information Display</td>
<td>Special Function</td>
</tr>
<tr>
<td>Special Function</td>
<td>Grid Heater Act</td>
</tr>
<tr>
<td>Air Heater</td>
<td>Starting Torque</td>
</tr>
<tr>
<td>Cranking</td>
<td>Torque Limit</td>
</tr>
<tr>
<td>Starting Torque</td>
<td>Set Idle</td>
</tr>
<tr>
<td>Torque Limit</td>
<td>PRV Reset</td>
</tr>
<tr>
<td>Set Low Idle</td>
<td>Service Date</td>
</tr>
<tr>
<td>PRV Reset</td>
<td>Programming Date</td>
</tr>
<tr>
<td>WIF Reset</td>
<td>Injectors 4 Cyl</td>
</tr>
<tr>
<td>Service Date</td>
<td>KM</td>
</tr>
<tr>
<td>Programming Date</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Engine</th>
<th>Diesel &gt; DELPHI &gt; H3 K-line</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic function</td>
<td>DTC Analysis</td>
</tr>
<tr>
<td>Data Analysis</td>
<td>Actuation Test</td>
</tr>
<tr>
<td>Actuation Test</td>
<td>ECU Information Display</td>
</tr>
<tr>
<td>ECU Information Display</td>
<td>Special Function</td>
</tr>
<tr>
<td>Special Function</td>
<td>Leak Detection</td>
</tr>
<tr>
<td>Grid Heater Act</td>
<td>Starting Torque</td>
</tr>
<tr>
<td>Torque Limit</td>
<td>Set Idle</td>
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<tr>
<td>Set Low Idle</td>
<td>PRV Reset</td>
</tr>
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<td>PRV Reset</td>
<td>Service Date</td>
</tr>
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<td>WIF Reset</td>
<td>Programming Date</td>
</tr>
<tr>
<td>Service Date</td>
<td>Injectors 4 Cyl</td>
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<td>Programming Date</td>
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</tr>
</tbody>
</table>

<table>
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<th>Engine</th>
<th>Diesel &gt; DELPHI &gt; H4 K-line</th>
</tr>
</thead>
<tbody>
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<td>DTC Analysis</td>
</tr>
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<td>Data Analysis</td>
<td>Actuation Test</td>
</tr>
<tr>
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<td>ECU Information Display</td>
</tr>
<tr>
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<td>Special Function</td>
</tr>
<tr>
<td>Special Function</td>
<td>Leak Detection</td>
</tr>
<tr>
<td>Grid Heater Act</td>
<td>Starting Torque</td>
</tr>
<tr>
<td>Torque Limit</td>
<td>Set Idle</td>
</tr>
<tr>
<td>Set Low Idle</td>
<td>PRV Reset</td>
</tr>
<tr>
<td>PRV Reset</td>
<td>Service Date</td>
</tr>
<tr>
<td>WIF Reset</td>
<td>Programming Date</td>
</tr>
<tr>
<td>Service Date</td>
<td>Injectors 4 Cyl</td>
</tr>
<tr>
<td>Programming Date</td>
<td>KM</td>
</tr>
<tr>
<td>Injectors 4 Cyl</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Engine</th>
<th>Diesel &gt; DELPHI &gt; H4 CAN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic function</td>
<td>DTC Analysis</td>
</tr>
</tbody>
</table>

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### G-scan & G-scan2 Distributor Bulletin

**2017 September Update Details**

Sep 05, 2017

<table>
<thead>
<tr>
<th>Engine</th>
<th>CNG &gt; OH6.0</th>
<th>Basic function</th>
<th>DTC Analysis</th>
<th>Data Analysis</th>
<th>Actuation Test</th>
<th>ECU Information Display</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicle</td>
<td>Engine</td>
<td>CNG &gt; EGC 10</td>
<td>Basic function</td>
<td>DTC Analysis</td>
<td>Data Analysis</td>
<td>Actuation Test</td>
</tr>
<tr>
<td>Vehicle</td>
<td>ACU</td>
<td>Basic function</td>
<td>DTC Analysis</td>
<td>Data Analysis</td>
<td>Actuation Test</td>
<td>ECU Information Display</td>
</tr>
<tr>
<td>Vehicle</td>
<td>BCU-Truck &gt; Front BCU</td>
<td>Basic function</td>
<td>DTC Analysis</td>
<td>Data Analysis</td>
<td>Actuation Test</td>
<td>ECU Information Display</td>
</tr>
<tr>
<td>Vehicle</td>
<td>BCU-Truck &gt; Rear BCU</td>
<td>Basic function</td>
<td>Actuation Test</td>
<td>ECU Information Display</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vehicle</td>
<td>BCU-Truck &gt; Cluster</td>
<td>Basic function</td>
<td>Data Analysis</td>
<td>Actuation Test</td>
<td>ECU Information Display</td>
<td></td>
</tr>
<tr>
<td>Vehicle</td>
<td>AMT</td>
<td>Basic function</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CAN Gateway (CAN Type) New Type Added**

- **Audi/VW/Seat/Skoda**

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Brake Electronics (CAN Type) New Type Added
- Basic Function
  ECU information

Engine Electronics (CAN Type) New Type Added
- Basic Function
  Data analysis
- Special function
  Basic setting
  Adaptation
  Long Adaptation
  Long Coding
  Security Access

Transmission Electronics (CAN Type) New Type Added
- Basic Function
  Data analysis
- Special function
  Long Coding

Electronic Central Electronics (CAN Type) New Type Added
- Basic Function
  Data analysis
- Special function
  Adaptation
  Long Coding

Central Module Convenience (CAN Type) New Type Added
- Special function
  Long Adaptation

Engine Electronics (UDS Type) New Type Added
- Basic Function
  DTC analysis
  Data analysis
  Actuation Test
- Special function
  Basic setting
  Adaptation
  Security Access

Auto HVAC (UDS Type) New Type Added
- Basic Function
  Data analysis
  Actuation Test
- Special function
  Basic setting

Instrument cluster (UDS Type) New Type Added
- Basic Function
  Data analysis
  Actuation Test
- Special function
  Basic setting
  Adaptation
  ESI Resetting

Instrument cluster (UDS Type) New Type Added
- Basic Function
  Data analysis
  Actuation Test
- Special function
  Basic setting

Back-up Camera (UDS Type) New Type Added
- Basic Function
  Data analysis
  Actuation Test
- Special function
  Basic setting

CAN Type All System
- Long coding Function improved
- Long Adaptation Function improved

Brake Electronics (TP KWP)
- Communication stabilized

Transmission Electronics (UDS Type) New Type Added
- Basic Function
  Data analysis
  Actuation Test
- Special function
  Basic setting

Explorer 2.3L Eco Boost - Gas Turbocharged Direct Injection 2016 Vehicle Added
- PCM (Powertrain Control Module)
- ABS (Anti-Lock Brake System)
- ACM (Audio Control Module)
- APIM (Accessory Protocol Interface Module)
- ATCM (All Terrain Control Modules)
- BCM (Body Control Module)
- C-CM (Cruise Control Module)
- DACM-C (Digital Audio Control Module C)
- DDM (Driver’s Door Module)
- DSM (Driver’s Seat Module)
- DSP (Digital Signal Processing Module)
- FCDIM (Front Control/Display Interface Module)
- FCIM-B (Front Controls Interface Module B)
- GFM (Generic Function Module)
- GPSM (Global Positioning System Module)
- GWM (Gateway Module A)
- HCM (Headlamp Control Module)
- HSWM (Heated Steering Wheel Module)
- HUD (Head up Display)
- HVAC (Heating Ventilation Air Conditioning)
- IPC (Instrument Panel Control Module)
- IPM-A (Image Processing Module A)
- IPM-B (Image Processing Module B)
- OCSM (Occupant Classification System Module)
- PAM (Parking Aid Module)
- PDM (Passenger’s Door Module)
- PSCM (Power Steering Control Module)
- RCM (Restraint Control Module)
- RTM (Rear Gate/Trunk Module)
- RHVAC (Rear Heating Ventilation Air Conditioning)
- RTM (Radio Transceiver Module)
- SCCM (Steering Column Control Module)
- SCM-E (Seat Control Module E)
- SCM-G (Seat Control Module G)
- SCM-H (Seat Control Module H)
- SOD-L (Side Obstacle Detection Control Module Left)
- SOD-R (Side Obstacle Detection Control Module Right)

Programmed values
Increment of idle speed
Decrement idle speed
Air path programming
Programming reinitialisation
Fuel supply prevention
Stop fuel supply prevention
Engine adaptives
Instrument panel
Basic Function
DTC analysis
Data analysis
Actuation test
ECU information
Advanced Function
Read configuration
Oil service and odometer miles-km

Automatic Gearbox
Basic Function
DTC analysis
Data analysis
Actuation test
ECU information
Advanced Function
Write date of last after sales operation
Neutral position programming

A.B.S
Basic Function
DTC analysis
Data analysis
Actuation test
ECU information
Advanced Function
Check target teeth
Read configuration
Speed index
Write date of last after sales operation
Steering wheel angle sensor
Transverse acceleration sensor
Pressure sensor
Speed index
Prevention of stop lights illumination authorization
Auto stop lights illumination authorization
Chassis wear programming
Hydraulic brake compensation

UCH
Basic Function
DTC analysis
Data analysis
Actuation test
ECU information

New Model added
- ESPACE IV

Injection
Basic Function
DTC analysis
Data analysis
Actuation test
ECU information

Advanced Function
Read configuration
Unlock injector control
Lock injector control

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G-scan & G-scan2 Distributor Bulletin
2017 September Update Details
Sep 05, 2017

Advanced Function
Read configuration
Valve set selection
Following tire change

Airbag / Pre tensioners
Basic Function
DTC analysis
Data analysis
Actuation test
ECU information
Advanced Function
Read configuration
Lock computer
Unlock computer
Write date of last after sales operation

Air conditioning
Basic Function
DTC analysis
Data analysis
Actuation test
ECU information
Advanced Function
Read configuration

Parking brake
Basic Function
DTC analysis
Data analysis
Actuation test
ECU information
Advanced Function
Read configuration
Write configuration
Slope initialization

Feed back
UAE: CLIO II – Injection sensor data bug fixed
ISRAEL: Kangoo MUX – Injector coding Function added

Transport mode
- Special Function added
Transport mode

DME (Digital Engine Electronics)
- Special Function
CO adjustment
Fuel consumption display
Idle speed adjustment

EGS (Electronic transmission management)
- Special Function
Oil level check

GR (Cruise Control) added
- Basic Function
DTC analysis
Data analysis
Actuation test
ECU Information

DSC (Dynamic stability control)
- Special Function
Lateral acceleration sensor
Pressure sensors
Steering angle sensor
Brake bleeding procedure
Brake line mix-up test

Transport mode
- Special Function added
Transport mode

DME (Digital Engine Electronics)
- Special Function
CO adjustment
Fuel consumption display
Idle speed adjustment

EGS (Electronic transmission management)
- Special Function
Oil level check

Transport mode
- Special Function added
Transport mode

DME (Digital Engine Electronics)
- Special Function
CO adjustment

System Search function greatly improved for G-scan2*. Searching speed now takes merely few seconds but may take little longer depending on supported systems. This applies to model year 2004 and after.

*G-scan1 is not applicable due to its hardware limitation
Fuel consumption display
Idle speed adjustment

EGS (Electronic transmission management)
- Special Function
  Oil level check

Transport mode
- Special Function added
  Transport mode

DME (Digital Engine Electronics)
- Special Function
  CO adjustment
  Fuel consumption display
  Idle speed adjustment

CAS (Car Access System)
- Special Function added
  Reset starter lock
  DME - CAS adjustment

Transport mode
- Special Function added
  Transport mode

DME (Digital Engine Electronics)
- Special Function
  CO adjustment
  Fuel consumption display
  Idle speed adjustment

IHKA (Automatic heating/air conditioning)
- Special Function
  Newly address the air distribution flap motors

Transport mode
- Special Function added
  Transport mode

DME (Digital Engine Electronics)
- Special Function
  CO adjustment
  Fuel consumption display
  Idle speed adjustment

IHKA (Automatic heating/air conditioning)
- Special Function

Transport mode

- Special Function added
  Transport mode

1 Series – E81 / E82 / E87 / E88 (2004 - 2010)
Register Battery Replacement
- Special Function added
  Evaluate state of battery charge

Evaluate closed-circuit current monitoring
- Special Function added
  Evaluate closed-circuit current monitoring

Register Battery Replacement
- Special Function added
  Evaluate state of battery charge

Evaluate closed-circuit current monitoring
- Special Function added
  Evaluate closed-circuit current monitoring

CAS (Car Access System)
- Special Function added
  Reset starter lock
  DME - CAS adjustment

DME (Digital Engine Electronics)
- Special Function
  CO adjustment
  Fuel consumption display
  OBD readiness codes

IHKA (Automatic heating/air conditioning)
- Special Function
  Newly address the air distribution flap motors

Register Battery Replacement
- Special Function added
  Evaluate state of battery charge
G-scan & G-scan2 Distributor Bulletin
2017 September Update Details

Sep 05, 2017

Evaluate closed-circuit current monitoring
- Special Function added
  Evaluate closed-circuit current monitoring

CAS (Car Access System)
- Special Function added
  Reset starter lock
  DME - CAS adjustment

DME (Digital Engine Electronics)
- Special Function
  CO adjustment
  Fuel consumption display
  OBD readiness codes

IHKA (Automatic heating/air conditioning)
- Special Function
  Operating parameter of evaporator temperature

6 Series – E63 / E64 (2004 - 2010)
Register Battery Replacement
- Special Function added
  Evaluate state of battery charge

Evaluate closed-circuit current monitoring
- Special Function added
  Evaluate closed-circuit current monitoring

CAS (Car Access System)
- Special Function added
  Reset starter lock
  DME - CAS adjustment

DME (Digital Engine Electronics)
- Special Function
  CO adjustment
  Fuel consumption display
  OBD readiness codes

RDC (Tire pressure control) added
- Basic Function
  DTC analysis
  Data analysis
  Actuation test
  ECU Information

HUD (Head-Up Display) added
- Basic Function
  DTC analysis
  Data analysis
  Actuation test
  ECU Information

IBOC (Digital tuner US) added
- Special Function
  Air supply system check
  Check, compressor relay
  Delete energy saving mode
  Draining the air-spring bellows

CAS (Car Access System)
- Special Function added
  Reset starter lock
  DME - CAS adjustment

IHKA (Automatic heating/air conditioning)
- Special Function
  Operating parameter of evaporator temperature

CAS (Car Access System)
- Special Function added
  Reset starter lock
  DME - CAS adjustment

EMF (Parking brake)
- Special Function added
  Bedding-in workshop
  Positioning-travel check

X1 – E84 (2009 - 2015)
Register Battery Replacement
- Special Function added
  Evaluate state of battery charge

Evaluate closed-circuit current monitoring
- Special Function added
  Evaluate closed-circuit current monitoring

CAS (Car Access System)
- Special Function added
  Reset starter lock
  DME - CAS adjustment

X5 – E70 (2007 - 2012)
Register Battery Replacement
- Special Function added
  Evaluate state of battery charge

Evaluate closed-circuit current monitoring
- Special Function added
  Evaluate closed-circuit current monitoring

CAS (Car Access System)
- Special Function added
  Reset starter lock
  DME - CAS adjustment

EHC (Electronic Height Control)
- Special Function added
  Air supply system check
  Check, compressor relay
  Delete energy saving mode
  Draining the air-spring bellows

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Filling the air-spring bellows
Ride height sensor check

X6 – E71 (2008 - 2013)
Register Battery Replacement
- Special Function added
  Evaluate state of battery charge

Evaluate closed-circuit current monitoring
- Special Function added
  Evaluate closed-circuit current monitoring

CAS (Car Access System)
- Special Function added
  Reset starter lock
  DME - CAS adjustment

EHC (Electronic Height Control)
- Special Function added
  Air supply system check
  Check, compressor relay
  Delete energy saving mode
  Draining the air-spring bellows
  Filling the air-spring bellows
  Ride height sensor check

Z4 – E89 (2009 – present)
Register Battery Replacement
- Special Function added
  Evaluate state of battery charge

Evaluate closed-circuit current monitoring
- Special Function added
  Evaluate closed-circuit current monitoring

CAS (Car Access System)
- Special Function added
  Reset starter lock
  DME - CAS adjustment

1 series – F20 / F21 (2011 - present)
Engine start
- Special Function added
  Register starter exchange
  Reset starter lock

3 series – F30 / F31 / F34 / F35 / F80 (2012 - present)
Engine start
- Special Function added
  Register starter exchange
  Reset starter lock

4 series – F32 / F33 / F36 / F82 / F83 (2013 - present)
Engine start
- Special Function added

5 series – F07 / F10 / F11 / F18 (2010 - 2016)
Engine start
- Special Function added
  Register starter exchange
  Reset starter lock

6 series – F06 / F12 / F13 (2011 - present)
Engine start
- Special Function added
  Register starter exchange
  Reset starter lock

7 series – F01 / F02 / F03 / F04 (2009 - 2015)
Engine start
- Special Function added
  Register starter exchange
  Reset starter lock

X1 – F48 (2016 - present)
Engine start
- Special Function added
  Register starter exchange
  Reset starter lock

X3 – F25 (2010 - present)
Engine start
- Special Function added
  Register starter exchange
  Reset starter lock

X4 – F26 (2014 - present)
Engine start
- Special Function added
  Register starter exchange
  Reset starter lock

X5 – F15 (2013 - present)
Engine start
- Special Function added
  Register starter exchange

X6 – F16 (2014 - present)
Engine start
- Special Function added
  Register starter exchange
  Reset starter lock

2 series: F22 / F23 / F45 / F46 (2014 - present) added
DME (Digital Motor Electronics)
EGS (Electronic transmission management)
EKPS (Electronic fuel-pump control)
GWS (Gear selector switch)
VTG (Transfer box)
DSC (Dynamic stability control)
EDC (Vertical dynamics management)
EPS (Electromechanical power steering)
ICM (Integrated chassis management)
ACSM (Crash safety module)
AMPH (Hi-Fi amplifier)
ASD (Active Sound Design)
H-U-H (Head unit High)
CON (Controller)
CVM (Convertible-top module)
FEM (Front electronic module)
IHKA (Integrated automatic heating / air conditioning system)
KAFAS (Camera-based driver-assistance systems)
KOMBI (Instrument panel control unit)
REM (Rear electronic module)
SINE (Anti-theft alarm system)
SMFA (Seat module, driver)
SMBF (Seat module, passenger)
TBX (Touch box)
TCB (Telematics Communication Box)
TRSV (ALL round-view camera)
ZGM (Central Gateway Module)

System Search function greatly improved for G-scan2*. Searching speed now takes merely few seconds but may take little longer depending on supported systems. This applies to model year 2007 and after.

*G-scan1 is not applicable due to its hardware limitation

Transport mode
- Special Function added
  Transport mode

EGS (Electronic transmission management) added
- Basic Function
  DTC analysis
  Data analysis
  Actuation test
  ECU Information

MINI Convertible – R52 (2005 - 2008)
Transport mode
- Special Function added
  Transport mode

EGS (Electronic transmission management) added
- Basic Function
  DTC analysis
  Data analysis
  Actuation test
  ECU Information

MINI Hatch – R56 (2007 - 2013)
Register Battery Replacement
- Special Function added
  Evaluate state of battery charge

Evaluate closed-circuit current monitoring
- Special Function added
  Evaluate closed-circuit current monitoring

CAS (Car Access System)
- Special Function added
  Reset starter lock
  DME - CAS adjustment

DME (Digital Motor Electronics)
- Special Function added
  Clear adaptations
  Reset VANOS adaptation values
  Valvetronic adaptation limit positions
  VANOS adaptation

DSC (Dynamic stability control)
- Special Function added
  Steering angle sensor
  Pressure sensor adjustment
  DSC sensor adjustment
  Brake bleeding procedure
  Brake line mix-up test

RDC (Tire pressure control)
- Special Function added
  Initialization of tire pressure control

SHD (Sliding/tilting sunroof)
- Special Function added
  Delivery position
  Initialize slide/tilt sunroof

MINI Convertible – R57 (2009 -)
Register Battery Replacement
- Special Function added
  Evaluate state of battery charge

Evaluate closed-circuit current monitoring
- Special Function added
  Evaluate closed-circuit current monitoring

CAS (Car Access System)
- Special Function added
Reset starter lock
DME - CAS adjustment

DME (Digital Motor Electronics)
- Special Function added
  Clear adaptations
  Reset VANOS adaptation values
  Valvetronic adaptation limit positions
  VANOS adaptation

DSC (Dynamic stability control)
- Special Function added
  Steering angle sensor
  Pressure sensor adjustment
  DSC sensor adjustment
  Brake bleeding procedure
  Brake line mix-up test

RDC (Tire pressure control)
- Special Function added
  Initialization of tire pressure control

CTM (Soft top module)
- Special Function added
  Roll-over protection system

MINI Hatch – F55 / F56 (2014 - present)
Engine start
- Special Function added
  Register starter exchange
  Reset starter lock

LMV (Longitudinal torque distribution) added
- Basic Function
  DTC analysis
  Data analysis
  Actuation test
  ECU Information

HU-B added
- Basic Function
  DTC analysis
  Data analysis
  Actuation test
  ECU Information

KAFAS (Camera-based driver-assistance systems) added
- Basic Function
  DTC analysis
  Data analysis
  Actuation test
  ECU Information

SAS (Optional extra system) added
- Basic Function
  DTC analysis
  Data analysis
  Actuation test
  ECU Information

Reset starter lock
DME - CAS adjustment

DME (Digital Motor Electronics)
- Special Function added
  Clear adaptations
  Reset VANOS adaptation values
  Valvetronic adaptation limit positions
  VANOS adaptation

DSC (Dynamic stability control)
- Special Function added
  Steering angle sensor
  Pressure sensor adjustment
  DSC sensor adjustment
  Brake bleeding procedure
  Brake line mix-up test

RDC (Tire pressure control)
- Special Function added
  Initialization of tire pressure control

CTM (Soft top module)
- Special Function added
  Roll-over protection system

MINI Hatch – F55 / F56 (2014 - present)
Engine start
- Special Function added
  Register starter exchange
  Reset starter lock

LMV (Longitudinal torque distribution) added
- Basic Function
  DTC analysis
  Data analysis
  Actuation test
  ECU Information

HU-B added
- Basic Function
  DTC analysis
  Data analysis
  Actuation test
  ECU Information

KAFAS (Camera-based driver-assistance systems) added
- Basic Function
  DTC analysis
  Data analysis
  Actuation test
  ECU Information

SAS (Optional extra system) added
- Basic Function
  DTC analysis
  Data analysis
  Actuation test
  ECU Information

NEW SYSTEM ADDED
Freelander 2 (LR2) 2007 ~ 2010
FCDIM (Front Control/Display Interface Module)
- Basic Function
  DTC Analysis
  ECU Information

NCM (Navigation Control Module)
- Basic Function
  DTC Analysis
  ECU Information

BPM (Bluetooth Phone Module)
- Basic Function
  DTC Analysis
  ECU Information

AAM (Audio Amplifier Module)
- Basic Function
  DTC Analysis
  ECU Information

ACM (Audio Front Control Module)
- Basic Function
  DTC Analysis
  ECU Information

DABM (Digital Audio Broadcast Module)
- Basic Function
  DTC Analysis
  ECU Information

DACMC (Digital Audio Control Module C)
- Basic Function
  DTC Analysis
  ECU Information

SRM (Satellite Audio Unit Module)
- Basic Function
  DTC Analysis
  ECU Information

Freelander 2 (LR2) 2011 ~ 2012

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### FCDIM (Front Control/Display Interface Module)
- **Basic Function**
  - DTC Analysis
  - ECU Information

### NCM (Navigation Control Module)
- **Basic Function**
  - DTC Analysis
  - ECU Information

### BPM (Bluetooth Phone Module)
- **Basic Function**
  - DTC Analysis
  - ECU Information

### AAM (Audio Amplifier Module)
- **Basic Function**
  - DTC Analysis
  - ECU Information

### ACM (Audio Front Control Module)
- **Basic Function**
  - DTC Analysis
  - ECU Information

### DACMC (Digital Audio Control Module C)
- **Basic Function**
  - DTC Analysis
  - ECU Information

### SRM (Satellite Audio Unit Module)
- **Basic Function**
  - DTC Analysis
  - ECU Information

### Freelander 2 (LR2) 2013 ~ 2014
#### PCM (Powertrain Control Module) - GTDI 2.0L
- **Basic Function**
  - DTC Analysis
  - ECU Information

### Discovery 4 (LR4) 2010 ~ 2011
#### PCM (Powertrain Control Module) - Normally Aspirated V8 5.0L
- **Basic Function**
  - DTC Analysis
  - ECU Information
- **Advanced Function**
  - Reset Water in Fuel Detection
  - Oxygen Sensor
  - Fuel Lift Pump
  - Throttle Valve Actuator
  - Oxidation Catalyst

#### PCM (Powertrain Control Module) - Diesel V6 2.7L
- **Basic Function**
  - DTC Analysis
  - ECU Information
- **Advanced Function**
  - Reset Water in Fuel Detection
  - Oxygen Sensor
  - Fuel Lift Pump
  - Turbine Shut-off Valve
  - Throttle Valve Actuator
  - Oxidation Catalyst

#### PCM (Powertrain Control Module) - Diesel V6 3.0L
- **Basic Function**
  - DTC Analysis
  - ECU Information
- **Advanced Function**
  - Reset Water in Fuel Detection
  - Oxygen Sensor
  - Fuel Lift Pump
  - Turbine Shut-off Valve
  - Throttle Valve Actuator
  - Oxidation Catalyst

### ACM (Audio Front Control Module)
- **Basic Function**
  - DTC Analysis
  - ECU Information

## FREELANDER 2 (LR2) 2013 ~ 2014

### PCM (Powertrain Control Module) - GTDI 2.0L
- **Basic Function**
  - DTC Analysis
  - ECU Information

### NCM (Navigation Control Module)
- **Basic Function**
  - DTC Analysis
  - ECU Information

### AAM (Audio Amplifier Module)
- **Basic Function**
  - DTC Analysis
  - ECU Information

### ACM (Audio Front Control Module)
- **Basic Function**
  - DTC Analysis
  - ECU Information

### DABM (Digital Audio Broadcast Module)
- **Basic Function**
  - DTC Analysis
  - ECU Information

### DACMC (Digital Audio Control Module C)
- **Basic Function**
  - DTC Analysis
  - ECU Information

### SRM (Satellite Audio Unit Module)
- **Basic Function**
  - DTC Analysis
  - ECU Information

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- Basic Function
  DTC Analysis
  ECU Information

SPRM (Speech Recognition Control Module)
- Basic Function
  DTC Analysis
  ECU Information

SRM (Satellite Audio Unit Module)
- Basic Function
  DTC Analysis
  ECU Information

TVM (Television Module)
- Basic Function
  DTC Analysis
  ECU Information

Discovery 4 (LR4) 2012 ~ 2013
NCM (Navigation Control Module)
- Basic Function
  DTC Analysis
  ECU Information

AAM (Audio Amplifier Module)
- Basic Function
  DTC Analysis
  ECU Information

ACM (Audio Front Control Module)
- Basic Function
  DTC Analysis
  ECU Information

DABM (Digital Audio Broadcast Module)
- Basic Function
  DTC Analysis
  ECU Information

REM (Rear Entertainment Control Module)
- Basic Function
  DTC Analysis
  ECU Information

SRM (Satellite Audio Unit Module)
- Basic Function
  DTC Analysis
  ECU Information

TVM (Television Module)
- Basic Function
  DTC Analysis
  ECU Information

Discovery 4 (LR4) 2014 ~ 2015
PCM (Powertrain Control Module) - Diesel V6
- Basic Function
  DTC Analysis
  ECU Information
- advanced Function
  Service Interval Reset

GPSM (General Proximity Sensor Module)
- Basic Function

Discovery Sport 2015
PCM (Powertrain Control Module) - Diesel I4 2.2L
- Basic Function
  DTC Analysis
  ECU Information
- Advanced Function
  Service Interval Reset

AWDCM (All Wheel Drive Control Module)
- Basic Function

TCU (Telematics Control Unit Module)
- Basic Function

GPSM (General Proximity Sensor Module)
### Basic Function
- DTC Analysis
- ECU Information

### SRM (Satellite Audio Unit Module)
- Basic Function
- DTC Analysis
- ECU Information

### Range Rover 2010 ~ 2012

#### AAM (Audio Amplifier Module)
- Basic Function
- DTC Analysis
- ECU Information

#### ACM (Audio Front Control Module)
- Basic Function
- DTC Analysis
- ECU Information

#### DABM (Digital Audio Broadcast Module)
- Basic Function
- DTC Analysis
- ECU Information

#### DACMC (Digital Audio Control Module C)
- Basic Function
- DTC Analysis
- ECU Information

#### FEM (Front Entertainment Module)
- Basic Function
- DTC Analysis
- ECU Information

### Range Rover 2013

#### PCM (Powertrain Control Module) - Supercharged V8
- Basic Function
- DTC Analysis
- ECU Information
- Advanced Function
  - Oil Service Counter Reset

#### PCM (Powertrain Control Module) - Diesel V6 3.0L
- Basic Function
- DTC Analysis
- ECU Information
- Advanced Function

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### G-scan & G-scan2 Distributor Bulletin

#### 2017 September Update Details

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Oil Service Counter Reset

**PCM (Powertrain Control Module) - Diesel V8 4.4L**
- Basic Function
  - DTC Analysis
  - ECU Information
- Advanced Function
  - Service Interval Reset
  - Oil Service Counter Reset

**NCM (Navigation Control Module)**
- Basic Function
  - DTC Analysis
  - ECU Information

**AAM (Audio Amplifier Module)**
- Basic Function
  - DTC Analysis
  - ECU Information

**ACM (Audio Front Control Module)**
- Basic Function
  - DTC Analysis
  - ECU Information

**DABM (Digital Audio Broadcast Module)**
- Basic Function
  - DTC Analysis
  - ECU Information

**REM (Rear Entertainment Control Module)**
- Basic Function
  - DTC Analysis
  - ECU Information

**SRM (Satellite Audio Unit Module)**
- Basic Function
  - DTC Analysis
  - ECU Information

**TVM (Television Module)**
- Basic Function
  - DTC Analysis
  - ECU Information

**Range Rover 2014 ~ 2015**

**PCM (Powertrain Control Module) - Supercharged V6**
- Basic Function
  - DTC Analysis
  - ECU Information
- Advanced Function
  - Service Interval Reset
  - Oil Service Counter Reset

**PCM (Powertrain Control Module) - Normally Aspirated V8**
- Basic Function
  - DTC Analysis
  - ECU Information
- Advanced Function
  - Service Interval Reset
  - Oil Service Counter Reset

**PCM (Powertrain Control Module) - Supercharged V8**
- Basic Function
  - DTC Analysis
  - ECU Information
- Advanced Function
  - Service Interval Reset
  - Oil Service Counter Reset

**PCM (Powertrain Control Module) - Diesel V6 3.0L**
- Basic Function
  - DTC Analysis
  - ECU Information
- Advanced Function
  - Service Interval Reset
  - Oil Service Counter Reset

**PCM (Powertrain Control Module) - Diesel V8 4.4L**
- Basic Function
  - DTC Analysis
  - ECU Information
- Advanced Function
  - Service Interval Reset
  - Oil Service Counter Reset

**PCM (Powertrain Control Module) - GTDI 2.0L**
- Basic Function
  - DTC Analysis
  - ECU Information
- Advanced Function
  - Service Interval Reset

**TCU (Telematics Control Unit Module)**
- Basic Function
  - DTC Analysis
  - ECU Information

**BECM (Battery Energy Control Module)**
- Basic Function
  - DTC Analysis
  - ECU Information

**EPIC (Electric Power Inverter Converter Module)**
- Basic Function
  - DTC Analysis
  - ECU Information

**CHCMB (Chassis Control Module B)**
- Basic Function
  - DTC Analysis
  - ECU Information

**GPSM (General Proximity Sensor Module)**
- Basic Function
  - DTC Analysis
  - ECU Information

**CRTM (Calf Rest Table Module)**
- Basic Function
  - DTC Analysis
  - ECU Information

**RLSM (Rear Left Seat Module)**
- Basic Function
  - DTC Analysis
  - ECU Information

**RRSM (Rear Right Seat Module)**
- Basic Function
  - DTC Analysis

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<table>
<thead>
<tr>
<th>Module</th>
<th>Basic Function</th>
<th>Advanced Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUCM (Head up Display Cooling Fan Module)</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
<tr>
<td>CAV (Connect and View Module)</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
<tr>
<td>FCIMC (Front Controls Interface Module C)</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
<tr>
<td>HUD (Head up Display)</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
<tr>
<td>NAV (Navigation Control Module)</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
<tr>
<td>AAM (Audio Amplifier Module)</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
<tr>
<td>ACM (Audio Front Control Module)</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
<tr>
<td>DABM (Digital Audio Broadcast Module)</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
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<td>NCM (Navigation Control Module)</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
<tr>
<td>REM (Rear Entertainment Control Module)</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
<tr>
<td>SRM (Satellite Audio Unit Module)</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
<tr>
<td>TVM (Television Module)</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
<tr>
<td>Range Rover 2016</td>
<td>- Basic Function</td>
<td>- Advanced Function</td>
</tr>
<tr>
<td>PCM (Powertrain Control Module) - Supercharged V6</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
<tr>
<td></td>
<td>- Basic Function</td>
<td>- Advanced Function</td>
</tr>
<tr>
<td>PCM (Powertrain Control Module) - Normally Aspirated V8</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
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<td>- Advanced Function</td>
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<td>- DTC Analysis</td>
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</tr>
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<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
<tr>
<td>PCM (Powertrain Control Module) - Diesel V6 3.0L</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
<tr>
<td>PCM (Powertrain Control Module) - Diesel V8 4.4L</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
<tr>
<td>PCM (Powertrain Control Module) - GTDI 2.0L</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
<tr>
<td>BECM (Battery Energy Control Module)</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
<tr>
<td>EPIC (Electric Power Inverter Converter Module)</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
<td></td>
<td>- ECU Information</td>
<td>- Oil Service Counter Reset</td>
</tr>
<tr>
<td>GPSM (General Proximity Sensor Module)</td>
<td>- DTC Analysis</td>
<td>- Service Interval Reset</td>
</tr>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>IPMA (Image Processing Control Module A)</td>
<td>Basic Function</td>
<td>DTC Analysis</td>
<td>ECU Information</td>
</tr>
<tr>
<td>CRTM (Call Rest Table Module)</td>
<td>Basic Function</td>
<td>DTC Analysis</td>
<td>ECU Information</td>
</tr>
<tr>
<td>DRDM (Driver's Rear Door Module)</td>
<td>Basic Function</td>
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<td>ECU Information</td>
</tr>
<tr>
<td>PRDM (Passenger's Rear Door Module)</td>
<td>Basic Function</td>
<td>DTC Analysis</td>
<td>ECU Information</td>
</tr>
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<td>Basic Function</td>
<td>DTC Analysis</td>
<td>ECU Information</td>
</tr>
<tr>
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<td>Basic Function</td>
<td>DTC Analysis</td>
<td>ECU Information</td>
</tr>
<tr>
<td>FCIMC (Front Controls Interface Module C)</td>
<td>Basic Function</td>
<td>DTC Analysis</td>
<td>ECU Information</td>
</tr>
<tr>
<td>HUD (Head up Display)</td>
<td>Basic Function</td>
<td>DTC Analysis</td>
<td>ECU Information</td>
</tr>
<tr>
<td>NAV (Navigation Control Module)</td>
<td>Basic Function</td>
<td>DTC Analysis</td>
<td>ECU Information</td>
</tr>
<tr>
<td>AAM (Audio Amplifier Module)</td>
<td>Basic Function</td>
<td>DTC Analysis</td>
<td>ECU Information</td>
</tr>
<tr>
<td>ACM (Audio Front Control Module)</td>
<td>Basic Function</td>
<td>DTC Analysis</td>
<td>ECU Information</td>
</tr>
<tr>
<td>DABM (Digital Audio Broadcast Module)</td>
<td>Basic Function</td>
<td>DTC Analysis</td>
<td>ECU Information</td>
</tr>
<tr>
<td>NCM (Navigation Control Module)</td>
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<td>DTC Analysis</td>
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</tr>
</tbody>
</table>
## ECU Information

### AUCM (Head up Display Cooling Fan Module)
- Basic Function
- DTC Analysis
- ECU Information

### CAV (Connect and View Module)
- Basic Function
- DTC Analysis
- ECU Information

### HUD (Head up Display)
- Basic Function
- DTC Analysis
- ECU Information

### NAV (Navigation Control Module)
- Basic Function
- DTC Analysis
- ECU Information

### AAM (Audio Amplifier Module)
- Basic Function
- DTC Analysis
- ECU Information

### ACM (Audio Front Control Module)
- Basic Function
- DTC Analysis
- ECU Information

### DABM (Digital Audio Broadcast Module)
- Basic Function
- DTC Analysis
- ECU Information

### NCM (Navigation Control Module)
- Basic Function
- DTC Analysis
- ECU Information

### REM (Rear Entertainment Control Module)
- Basic Function
- DTC Analysis
- ECU Information

### SRM (Satellite Audio Unit Module)
- Basic Function
- DTC Analysis
- ECU Information

### TVM (Television Module)
- Basic Function
- DTC Analysis
- ECU Information

### Range Rover Evoque 2016
**PCM (Powertrain Control Module) - Diesel I4 2.2L**
- Basic Function
- DTC Analysis
- ECU Information

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Range Rover Sport 2010 ~ 2011
PCM (Powertrain Control Module) - Supercharged V8 5.0L
- Basic Function
  DTC Analysis
  ECU Information
- Advanced Function
  Oil Service Counter Reset

Range Rover Sport 2012 ~ 2013
PCM (Powertrain Control Module) - Diesel V8 3.6L
- Basic Function
  DTC Analysis
  ECU Information
- Advanced Function
  Oil Service Counter Reset

AAM (Audio Amplifier Module)
- Basic Function
  DTC Analysis
  ECU Information

ACM (Audio Front Control Module)
- Basic Function
  DTC Analysis
  ECU Information

DABM (Digital Audio Broadcast Module)
- Basic Function
  DTC Analysis
  ECU Information

DACMC (Digital Audio Control Module C)
- Basic Function
  DTC Analysis
  ECU Information

FEM (Front Entertainment Module)
- Basic Function
  DTC Analysis
  ECU Information

REM (Rear Entertainment Control Module)
- Basic Function
  DTC Analysis
  ECU Information

SRM (Satellite Audio Unit Module)
- Basic Function
  DTC Analysis
  ECU Information

TVM (Television Module)
- Basic Function
  DTC Analysis
  ECU Information

Range Rover Evoque Convertible 2016
PCM (Powertrain Control Module) - Diesel I4 2.2L
- Basic Function
  DTC Analysis
  ECU Information
- Advanced Function
  Service Interval Reset

AWDCM (All Wheel Drive Control Module)
- Basic Function
  DTC Analysis
  ECU Information

TCU (Telematics Control Unit Module)
- Basic Function
  DTC Analysis
  ECU Information

GPSM (General Proximity Sensor Module)
- Basic Function
  DTC Analysis
  ECU Information

IPMA (Image Processing Control Module A)
- Basic Function
  DTC Analysis
  ECU Information

AUCM (Head up Display Cooling Fan Module)
- Basic Function
  DTC Analysis
  ECU Information

HUD (Head up Display)
- Basic Function
  DTC Analysis
  ECU Information

DRDM (Driver’s Rear Door Module)
- Basic Function
  DTC Analysis
  ECU Information

PRDM (Passenger’s Rear Door Module)
- Basic Function
  DTC Analysis
### Range Rover Sport 2014 ~ 2015

**PCM (Powertrain Control Module) - GTDI 2.0L**
- Basic Function
- DTC Analysis
- ECU Information
- Advanced Function
  - Service Interval Reset

**PCM (Powertrain Control Module) - Diesel V8 4.4L**
- Basic Function
- DTC Analysis
- ECU Information
- Advanced Function
  - Service Interval Reset

**PCM (Powertrain Control Module) - Supercharged V8**
- Basic Function
- DTC Analysis
- ECU Information
- Advanced Function
  - Service Interval Reset

**PCM (Powertrain Control Module) - Hybrid 3.0L**
- Basic Function
- DTC Analysis
- ECU Information
- Advanced Function
  - Service Interval Reset

**TCU (Telematics Control Unit Module)**
- Basic Function

**BECM (Battery Energy Control Module)**
- Basic Function
- DTC Analysis
- ECU Information

**EPIC (Electric Power Inverter Converter Module)**
- Basic Function
- DTC Analysis
- ECU Information

**CHCMB (Chassis Control Module B)**
- Basic Function
- DTC Analysis
- ECU Information

**GPSM (General Proximity Sensor Module)**
- Basic Function
- DTC Analysis
- ECU Information

**RLSM (Rear Left Seat Module)**
- Basic Function
- DTC Analysis
- ECU Information

**RRSM (Rear Right Seat Module)**
- Basic Function
- DTC Analysis
- ECU Information

**AUCM (Head up Display Cooling Fan Module)**
- Basic Function
- DTC Analysis
- ECU Information

**CAV (Connect and View Module)**
- Basic Function
- DTC Analysis
- ECU Information

**FCIMC (Front Controls Interface Module C)**
- Basic Function
- DTC Analysis
- ECU Information

**HUD (Head up Display)**
- Basic Function
- DTC Analysis
- ECU Information

**NAV (Navigation Control Module)**
- Basic Function
- DTC Analysis
- ECU Information

**AAM (Audio Amplifier Module)**
- Basic Function
- DTC Analysis
- ECU Information

**ACM (Audio Front Control Module)**
- Basic Function
- DTC Analysis
- ECU Information

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### Basic Function
- PCM (Powertrain Control Module) - GTDI 2.0L
  - Basic Function
  - DTC Analysis
  - ECU Information

### Advanced Function
- Service Interval Reset

### Basic Function
- PCM (Powertrain Control Module) - Diesel V8 4.4L
  - Basic Function
  - DTC Analysis
  - ECU Information

### Advanced Function
- Service Interval Reset

### Basic Function
- PCM (Powertrain Control Module) - Supercharged V8 5.0L
  - Basic Function
  - DTC Analysis
  - ECU Information

### Advanced Function
- Service Interval Reset

### Basic Function
- PCM (Powertrain Control Module) - Hybrid 3.0L
  - Basic Function
  - DTC Analysis
  - ECU Information

### Advanced Function
- Service Interval Reset

### Basic Function
- TCU (Telematics Control Unit Module)
  - Basic Function
  - DTC Analysis
  - ECU Information

### Basic Function
- BECM (Battery Energy Control Module)
  - Basic Function
  - DTC Analysis
  - ECU Information

### Basic Function
- EPIC (Electric Power Inverter Converter Module)
  - Basic Function
  - DTC Analysis
  - ECU Information

### Basic Function
- CHCMB (Chassis Control Module B)
  - Basic Function
  - DTC Analysis
  - ECU Information

### Basic Function
- GPSM (General Proximity Sensor Module)
  - Basic Function
  - DTC Analysis
  - ECU Information

### Basic Function
- IPMA (Image Processing Control Module A)
  - Basic Function
  - DTC Analysis
  - ECU Information

### Basic Function
- DRDM (Driver's Rear Door Module)
  - Basic Function
  - DTC Analysis
  - ECU Information

### Basic Function
- PRDM (Passenger's Rear Door Module)
  - Basic Function
  - DTC Analysis
  - ECU Information

### Basic Function
- AUCM (Head up Display Cooling Fan Module)
  - Basic Function
  - DTC Analysis
  - ECU Information

### Basic Function
- CAV (Connect and View Module)
  - Basic Function
  - DTC Analysis
  - ECU Information

### Basic Function
- FCIMC (Front Controls Interface Module C)
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### Basic Function
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  - Basic Function
  - DTC Analysis
  - ECU Information

### Basic Function
- NAV (Navigation Control Module)
  - Basic Function
  - DTC Analysis
  - ECU Information

### Basic Function
- AAM (Audio Amplifier Module)
  - Basic Function
  - DTC Analysis
  - ECU Information

### Basic Function
- ACM (Audio Front Control Module)
  - Basic Function
  - DTC Analysis
  - ECU Information

### Basic Function
- DABM (Digital Audio Broadcast Module)
  - Basic Function
  - DTC Analysis
  - ECU Information
NCM (Navigation Control Module)
- Basic Function
  - DTC Analysis
  - ECU Information
REM (Rear Entertainment Control Module)
- Basic Function
  - DTC Analysis
  - ECU Information
SRM (Satellite Audio Unit Module)
- Basic Function
  - DTC Analysis
  - ECU Information
TVM (Television Module)
- Basic Function
  - DTC Analysis
  - ECU Information

NEW FUNCTIONS ADDED

Defender 2011
ABS (ABS Control Module)
- Advanced Function
  - Brake Bleed

Defender 2012 ~ 2015
ABS (ABS Control Module)
- Advanced Function
  - Brake Bleed

Freelander 2 (LR2) 2007 ~ 2010
BCM (Body Control Module)
- Advanced Function
  - Battery Replacement

Freelander 2 (LR2) 2011 ~ 2012
BCM (Body Control Module)
- Advanced Function
  - Battery Replacement

Freelander 2 (LR2) 2013 ~ 2014
PCM (Powertrain Control Module) - Diesel I4
- Advanced Function
  - Oil Service Counter Reset
BCM (Body Control Module)
- Advanced Function
  - Battery Replacement
PBM (Parking Brake Control Module)
- Advanced Function
  - Parking Brake Pad Replacement - Release to Service Position
  - Parking Brake Pad Replacement - Exit Maintenance Mode Application
  - Parking Brake Activation

ABS (ABS Control Module)
- Advanced Function
  - Brake Bleed

BCM (Body Control Module)
- Advanced Function
  - Battery Replacement
IPC (Instrument Cluster Control Module)
- Advanced Function
  - Service Interval Reset

Discovery 4 (LR4) 2012 ~ 2013
PCM (Powertrain Control Module) - 306DT - V6 3.0 Hi Pwr Diesel non cDPF
- Advanced Function
  - Oil Service Counter Reset

PCM (Powertrain Control Module) - 306DT - V6 3.0 Hi Pwr Diesel with cDPF
- Advanced Function
  - Oil Service Counter Reset

ABS (ABS Control Module)
- Advanced Function
  - Brake Bleed

BCM (Body Control Module)
- Advanced Function
  - Battery Replacement
IPC (Instrument Cluster Control Module)
- Advanced Function
  - Service Interval Reset
PBM (Parking Brake Control Module)
- Advanced Function
  - Drive The Parking Brake To The Mounting Position
  - Drive The Parking Brake To The Latching Position
  - Parking Brake Unjam Procedure

Discovery 4 (LR4) 2014 ~ 2015
PCM (Powertrain Control Module) - Supercharged V6
- Advanced Function
  - Service Interval Reset
  - Oil Service Counter Reset
ABS (ABS Control Module)
- Advanced Function
  - Brake Bleed
PBM (Parking Brake Control Module)
- Advanced Function
  - Drive The Parking Brake To The Mounting Position
  - Drive The Parking Brake To The Latching Position
  - Parking Brake Unjam Procedure
GWM (Gateway Module)
- Advanced Function
  - Battery Replacement - Main Battery
  - Battery Replacement - Second Battery
Battery Replacement - Both Battery

**Discovery Sport 2015**
- PCM (Powertrain Control Module) - GTDI 2.0L
  - Advanced Function
    - Service Interval Reset
- **RANGE ROVER 2006**
  - VDM (Vehicle dynamics module (ABS))
    - Advanced Function
      - Brake Bleed (Petrol Only)
  - RLM (Ride Level Control Module)
    - Advanced Function
      - Air-suspension deflation
      - Air-suspension inflation
- **RANGE ROVER 2007 ~ 2009**
  - VDM (Vehicle dynamics module (ABS))
    - Advanced Function
      - Brake Bleed (Diesel Only)
      - Brake Bleed (Petrol Only)
  - PBM (Parking Brake Control Module)
    - Advanced Function
      - Parking Brake - Drive The Parking Brake To The Mounting Position
      - Parking Brake - Drive The Parking Brake To The Latching Position
      - Parking Brake - Parking Brake Unjam Procedure
  - RLM (Ride Level Control Module)
    - Advanced Function
      - Air-suspension deflation
      - Air-suspension inflation
- **RANGE ROVER 2010 ~ 2012**
  - ABS (ABS Control Module)
    - Advanced Function
      - Brake Bleed
  - BCM (Body Control Module)
    - Advanced Function
      - Battery Replacement
  - IPC (Instrument Cluster Control Module)
    - Advanced Function
      - Service Interval Reset
  - PBM (Parking Brake Control Module)
    - Advanced Function
      - Parking Brake - Drive The Parking Brake To The Mounting Position
      - Parking Brake - Drive The Parking Brake To The Latching Position
      - Parking Brake - Parking Brake Unjam Procedure
  - RLM (Ride Level Control Module)
    - Advanced Function
      - Air-suspension deflation
      - Air-suspension inflation
- **RANGE ROVER 2013**
  - PCM (Powertrain Control Module) - Normally Aspirated V8
    - Advanced Function
    - Oil Service Counter Reset
  - ABS (ABS Control Module)
    - Advanced Function
    - Brake Bleed
  - IPC (Instrument Cluster Control Module)
    - Advanced Function
    - Service Interval Reset
  - GWM (Gateway Module)
    - Advanced Function
      - Battery Replacement - Main Battery
      - Battery Replacement - Second Battery
      - Battery Replacement - Both Battery
  - PBM (Parking Brake Control Module)
    - Advanced Function
      - Parking Brake Pad Replacement - Release to Service Position
      - Parking Brake Pad Replacement - Exit Maintenance Mode Application
      - Parking Brake Activation
- **RANGE ROVER 2014 ~ 2015**
  - PCM (Powertrain Control Module) - Hybrid 3.0L
    - Advanced Function
    - Oil Service Counter Reset
  - ABS (ABS Control Module)
    - Advanced Function
    - Brake Bleed
  - PBM (Parking Brake Control Module)
    - Advanced Function
      - Parking Brake Activation
  - GWM (Gateway Module)
    - Advanced Function
      - Battery Replacement - Main Battery
      - Battery Replacement - Second Battery
      - Battery Replacement - Both Battery
- **RANGE ROVER 2016**
  - PCM (Powertrain Control Module) - Hybrid 3.0L
    - Advanced Function
    - Service Interval Reset (Diesel)
  - PBM (Parking Brake Control Module)
    - Advanced Function
      - Parking Brake Pad Replacement - Release to Service Position
      - Parking Brake Pad Replacement - Exit Maintenance Mode Application
      - Parking Brake Activation
- **Range Rover Evoque 2012 ~ 2013**
  - BCM (Body Control Module)
    - Advanced Function

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Battery Replacement

Range Rover Evoque 2014 ~ 2015
PBM (Parking Brake Control Module)
- Advanced Function
  Parking Brake Pad Replacement - Release to Service Position
  Parking Brake Pad Replacement - Exit Maintenance Mode Application
  Parking Brake Activation
GWM (Gateway Module)
- Advanced Function
  Battery Replacement - Main Battery
  Battery Replacement - Second Battery
  Battery Replacement - Both Battery

Range Rover Sport 2006 ~ 2009
PCM (Powertrain Control Module) - 276DT - V6 2.7 Diesel
- Advanced Function
  Oil Service Counter Reset
PCM (Powertrain Control Module) - 276DT - V6 2.7 Diesel non cDPF
- Advanced Function
  Oil Service Counter Reset

Range Rover Sport 2010 ~ 2011
ABS (ABS Control Module)
- Advanced Function
  Brake Bleed
BCM (Body Control Module)
- Advanced Function
  Battery Replacement

Range Rover Sport 2012 ~ 2013
PCM (Powertrain Control Module) - 306DT - V6 3.0 Diesel
- Advanced Function
  Oil Service Counter Reset
PCM (Powertrain Control Module) - 306DT - V6 3.0 Diesel with cDPF
- Advanced Function
  Oil Service Counter Reset
PCM (Powertrain Control Module) - 368DT - V8 3.6 Diesel
- Advanced Function
  Oil Service Counter Reset
ABS (ABS Control Module)
- Advanced Function
  Brake Bleed
BCM (Body Control Module)
- Advanced Function
  Battery Replacement
IPC (Instrument Cluster Control Module)
- Advanced Function

Service Interval Reset
PBM (Parking Brake Control Module)
- Advanced Function
  Drive The Parking Brake To The Mounting Position
  Drive The Parking Brake To The Latching Position
  Parking Brake Unjam Procedure
HVA (Heating Ventilation and Air Conditioning Control Module)
- Advanced Function
  Stepper Motor Initialization
  Actuators end stop detection

Range Rover Sport 2014 ~ 2015
ABS (ABS Control Module)
- Advanced Function
  Brake Bleed
PBM (Parking Brake Control Module)
- Advanced Function
  Parking Brake Pad Replacement - Release to Service Position
  Parking Brake Pad Replacement - Exit Maintenance Mode Application
  Parking Brake Activation
GWM (Gateway Module)
- Advanced Function
  Battery Replacement - Main Battery
  Battery Replacement - Second Battery
  Battery Replacement - Both Battery

Range Rover Sport 2016 ~
PBM (Parking Brake Control Module)
- Advanced Function
  Parking Brake Pad Replacement - Release to Service Position
  Parking Brake Pad Replacement - Exit Maintenance Mode Application
  Parking Brake Activation

NEW SYSTEM ADDED

JAGUAR

XF 2010 ~ 2011
PCM (Powertrain Control Module) - Normally Aspirated V8 4.2L
- Basic Function
  DTC Analysis
  Data Analysis
  ECU Information
- Advanced Function
  Fuel Prime Routine
Fuel Lift Pump

**PCM (Powertrain Control Module) - Normally Aspirated V8 5.0L**
- Basic Function
- DTC Analysis
- Data Analysis
- ECU Information
- Advanced Function
  - Fuel Prime Routine
  - Fuel Lift Pump

**PCM (Powertrain Control Module) - Supercharged V8 5.0L**
- Basic Function
  - DTC Analysis
  - Data Analysis
  - ECU Information
- Advanced Function
  - Fuel Prime Routine
  - Fuel Lift Pump

**XF 2012**
**PCM (Powertrain Control Module) - Normally Aspirated V8**
- Basic Function
  - DTC Analysis
  - Data Analysis
  - ECU Information
- Advanced Function
  - Fuel Prime Routine
  - Fuel Lift Pump

**PCM (Powertrain Control Module) - Supercharged V8**
- Basic Function
  - DTC Analysis
  - Data Analysis
  - ECU Information
- Advanced Function
  - Fuel Prime Routine
  - Fuel Lift Pump

**PCM (Powertrain Control Module) - V6 Diesel**
- Basic Function
  - DTC Analysis
  - Data Analysis
  - ECU Information
- Advanced Function
  - Diesel particulate filter replacement
  - Diesel Particulate Filter Dynamic Regeneration
  - Fuel Lift Pump

**NEW FUNCTION ADDED**

**F-Type 2016 ~**
**PBM (Parking Brake Control Module)**
- Advanced Function
  - Parking brake pad replacement - Release to service position
  - Parking brake pad replacement - Exit maintenance mode application
  - Parking brake activation

**GWM (Gateway Module)**
- Advanced Function
  - Battery Replacement - Main Battery
  - Battery Replacement - Second Battery

**XF 2008 ~ 2009 ~**
**PCM (Powertrain Control Module) - Petrol**
- Advanced Function
  - Fuel Prime Routine
  - Fuel Lift Pump

**PCM (Powertrain Control Module) - Diesel**
- Advanced Function
  - Fuel Lift Pump

**BCMB (Body Control Module B)**
- Advanced Function
  - Battery Replacement

**XF 2010 ~ 2011**
**PCM (Powertrain Control Module) - Normally Aspirated V6**
- Basic Function
  - Data Analysis
- Advanced Function
  - Fuel Prime Routine
  - Fuel Lift Pump

**PCM (Powertrain Control Module) - Diesel**
- Basic Function
  - Data Analysis
- Advanced Function
  - Fuel Lift Pump

**BCMB (Body Control Module B)**
- Advanced Function
  - Battery Replacement

**XF 2012**
**PCM (Powertrain Control Module) - Normally Aspirated V6**
- Basic Function
  - Data Analysis
- Advanced Function
  - Fuel Prime Routine
  - Fuel Lift Pump

**PCM (Powertrain Control Module) - I4 Diesel**
- Basic Function
  - Data Analysis

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- Advanced Function
  Fuel Lift Pump
BCMB (Body Control Module B)
- Advanced Function
  Battery Replacement

XF 2013 ~ 2015
PCM (Powertrain Control Module) - Supercharged V6
- Basic Function
  Data Analysis
PCM (Powertrain Control Module) - Supercharged V8
- Basic Function
  Data Analysis
PCM (Powertrain Control Module) - I4 Diesel
- Basic Function
  Data Analysis
PCM (Powertrain Control Module) - V6 Diesel
- Basic Function
  Data Analysis
PCM (Powertrain Control Module) - GTDi
- Basic Function
  Data Analysis
GWM (Gateway Module)
- Advanced Function
  Battery Replacement - Main Battery
  Battery Replacement - Second Battery
  Battery Replacement - Both Battery

PCM (Powertrain Control Module) - Supercharged V6
- Basic Function
  Data Analysis
PCM (Powertrain Control Module) - I4 Diesel
- Basic Function
  Data Analysis
PCM (Powertrain Control Module) - V6 Diesel
- Basic Function
  Data Analysis
PCM (Powertrain Control Module) - GTDi
- Basic Function
  Data Analysis
ABS (ABS Control Module)
- Advanced Function
  Parking brake pad replacement - Release to service position
  Parking brake pad replacement - Exit maintenance mode application
  Parking brake activation
  Brake bleed
GWM (Gateway Module)
- Advanced Function
  Battery Replacement

XJ Series 2013 ~ 2015
GWM (Gateway Module)
- Advanced Function
  Battery Replacement - Main Battery
  Battery Replacement - Second Battery
  Battery Replacement - Both Battery

XJ Series 2016 ~
PBM (Parking Brake Control Module)
- Advanced Function
  Parking brake pad replacement - Release to service position
  Parking brake pad replacement - Exit maintenance mode application
  Parking brake activation
GWM (Gateway Module)
- Advanced Function
  Battery Replacement

XK Series 2010 ~2015
BCMB (Body Control Module B)
- Advanced Function
  Battery Replacement

XE 2016 ~
ABS (ABS Control Module)
- Advanced Function
  Parking brake pad replacement - Release to service position
  Parking brake pad replacement - Exit maintenance mode application
  Parking brake activation
  Brake bleed
GWM (Gateway Module)
- Advanced Function
  Battery Replacement

F-PACE 2017 ~
ABS (ABS Control Module)
- Advanced Function
  Parking brake pad replacement - Release to service position
  Parking brake pad replacement - Exit maintenance mode application
  Parking brake activation
  Brake bleed
GWM (Gateway Module)
- Advanced Function

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Battery Replacement

**Back to Index**

**MERCEDES BENZ**

### New function added

A-CLASS(176)/AMG-GT(190)/B-CLASS(246)/C-CLASS(204)/CLA-CLASS(117)/CL-CLASS(216)/CLS-CLASS(218)/E-CLASS(207)/E-CLASS(212)/GLA-CLASS(156)/GLA-CLASS(292)/R-CLASS(251)/S-CLASS(221)/SL-CLASS(231)/SLK-CLASS(172)

**FSCU/FSCU-L - Control unit Fuel pump**
- Basic function
  - Actuation Test
- Support function
  - Empty fuel tank

A-CLASS(176)/B-CLASS(246)/C-CLASS(204)/C-CLASS(205)/CLA-CLASS(117)/CLS-CLASS(218)/E-CLASS(207)/E-CLASS(212)/GLA-CLASS(156)/GLC-CLASS(253)

**ME/CDI/CNG - Engine control unit**
- Basic function
  - Data Analysis
  - Actuation Test
- Support function
  - Activation of fuel pump
  - Teach in of throttle valve stop
  - Teach in of EGR actuator
  - Teach in of positions for camshafts
  - Resetting of adaptation values
  - Perform teach in process sensor rotor adaptation
  - Enabling of engine start after crash event

A-CLASS (176)/B-CLASS (246)/CLA-CLASS (117)/GLA-CLASS (156)

**ME/CDI/CNG - Engine control unit**
- Basic function
  - Data Analysis
  - Actuation Test
- Support function
  - Diagnostic glowing test
  - DPF Regeneration heater booster control unit test
  - Status of teach-in processes
  - Regeneration of the DPF while driving
  - Injector injection quantity adjustment
  - Road test for adaptation of fuel injectors
  - Teach in Throttle valve actuator
  - Teach in Exhaust gas recirculation actuator, high pressure

A-CLASS (176)/CLA-CLASS (117)/GLA-CLASS (156)

**ME/CDI/CNG - Engine control unit**
- Basic function
  - Data Analysis
  - Actuation Test
- Support function
  - Activation of fuel pump
  - Teach in of throttle valve stop
  - Teach in of positions for camshafts
  - Resetting of adaptation values

C-CLASS (203)

**EZS/EIS - Electronic ignition lock**
- Support function
  - Read coding and change if necessary
  - Writing of the VIN

C-CLASS(203)/C-CLASS(204)/C-CLASS(205)/CLA-CLASS(117)/CLS-CLASS(218)/E-CLASS(207)/E-CLASS(212)/GLA-CLASS(156)/GLC-CLASS(253)

**ETC - Electronic transmission control**
- Support function
  - Display adaptation data
  - Reverse gear reset
  - Adaptation of torque converter lockup clutch
  - Performing adaptation (SHIFT)

C-CLASS(203)/CLK-CLASS (209)

**SAM-F/SAM-D - Signal acquisition and actuation module front/driver side**
- Support function
  - Read coding and change if necessary

C-CLASS(203)/CLK-CLASS (209)

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## G-scan & G-scan2 Distributor Bulletin

### 2017 September Update Details

**Sep 05, 2017**

<table>
<thead>
<tr>
<th>Support Function</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teach in of drive authorization system</td>
<td>Teach in of Oxidation catalytic converter</td>
</tr>
<tr>
<td>Teach in of drive authorization system</td>
<td>Teach in of Differential pressure sensor (DPF)</td>
</tr>
<tr>
<td>Teach in of drive authorization system</td>
<td>Teach in of Transmission neutral position sensor</td>
</tr>
<tr>
<td>Teach in of drive authorization system</td>
<td>Teach in of Oxygen sensor upstream of catalytic converter</td>
</tr>
<tr>
<td>C-CLASS (203)/CLK-CLASS (209)/G-CLASS (463)</td>
<td>Teach in of Pressure regulating valve</td>
</tr>
<tr>
<td>EZS/EIS - Electronic ignition lock</td>
<td>Teach in of Quantity control valve</td>
</tr>
<tr>
<td>- Support function</td>
<td>Quick teach in of values of zero quantity calibration</td>
</tr>
<tr>
<td>Read coding and change if necessary</td>
<td>Resetting of contamination level of air filter</td>
</tr>
<tr>
<td>Writing of the VIN</td>
<td>Reset values of HFM drift compensation</td>
</tr>
<tr>
<td>C-CLASS (203)/G-CLASS (461)</td>
<td>Reset values of quantity mean value adaptation</td>
</tr>
<tr>
<td>CGW - Central gateway</td>
<td>Activate fuel pump</td>
</tr>
<tr>
<td>- Support function</td>
<td>Teach in of intake port shutoff</td>
</tr>
<tr>
<td>Read coding and change if necessary</td>
<td></td>
</tr>
<tr>
<td>C-CLASS (204)/C-CLASS (205)/CL-CLASS (216)/CLS-CLASS (218)/E-CLASS (207)/E-CLASS (212)/G-CLASS (463)/GL-CLASS (253)/GL-CLASS (166)/GLE-CLASS (292)/R-CLASS (251)/S-CLASS (217)/S-CLASS (221)/S-CLASS (222)/SL-CLASS (231)/SLK-CLASS (172)</td>
<td>ME/CDI/CNG - Engine control unit</td>
</tr>
<tr>
<td>- Basic function</td>
<td>Teach-in after replacement of component Y129 (AdBlue(R) metering valve)</td>
</tr>
<tr>
<td>Actuation Test</td>
<td>Cancellation of limitation of engine starts/remaining distance</td>
</tr>
<tr>
<td>- Support function</td>
<td>Reset of fault message 'Fault in AdBlue system' in instrument cluster</td>
</tr>
<tr>
<td>Activate fuel pump</td>
<td></td>
</tr>
<tr>
<td>Teach in of throttle valve stop</td>
<td></td>
</tr>
<tr>
<td>Resetting of adaptation values</td>
<td></td>
</tr>
<tr>
<td>Teach in process after replacement of the combustion engine</td>
<td></td>
</tr>
<tr>
<td>Enabling of engine start after crash event</td>
<td></td>
</tr>
<tr>
<td>C-CLASS (204)/CL-CLASS (216)/CLK-CLASS (209)/CLS-CLASS (218)/E-CLASS (219)/E-CLASS (211)/E-CLASS (212)/GL-CLASS (164)/R-CLASS (251)/S-CLASS (221)/SL-CLASS (230)/SLS-CLASS (197)</td>
<td>ME/CDI/CNG - Engine control unit</td>
</tr>
<tr>
<td>- Support function</td>
<td>Teach-in after replace of component Y129 (AdBlue(R) metering valve)</td>
</tr>
<tr>
<td>Teach in drive authorization system</td>
<td>Cancellation of limitation of engine starts/remaining distance</td>
</tr>
<tr>
<td>C-CLASS (204)/CLS-CLASS (218)/E-CLASS (207)/E-CLASS (212)/GL-CLASS (166)/R-CLASS (251)/S-CLASS (221)</td>
<td>ME/CDI/CNG - Engine control unit</td>
</tr>
<tr>
<td>WSS - Weight sensing system</td>
<td>Reset of fault message 'Fault in AdBlue system' in instrument cluster</td>
</tr>
<tr>
<td>- Support function</td>
<td></td>
</tr>
<tr>
<td>Perform zero point setting</td>
<td></td>
</tr>
<tr>
<td>C-CLASS (204)/CLS-CLASS (218)/E-CLASS (207)/E-CLASS (212)</td>
<td></td>
</tr>
<tr>
<td>ME/CDI/CNG - Engine control unit</td>
<td></td>
</tr>
<tr>
<td>- Support function</td>
<td></td>
</tr>
<tr>
<td>Regeneration of the DPF while driving</td>
<td></td>
</tr>
<tr>
<td>Injector injection quantity adjustment</td>
<td></td>
</tr>
<tr>
<td>Teach in of DPF after replacement of CDI control unit</td>
<td></td>
</tr>
<tr>
<td>Perform teach in process for DPF</td>
<td></td>
</tr>
<tr>
<td>Teach in of throttle valve stop</td>
<td></td>
</tr>
<tr>
<td>C-CLASS (204)/CLS-CLASS (218)/E-CLASS (207)/E-CLASS (212)/SLK-CLASS (172)</td>
<td></td>
</tr>
<tr>
<td>ME/CDI/CNG - Engine control unit</td>
<td></td>
</tr>
<tr>
<td>- Support function</td>
<td></td>
</tr>
<tr>
<td>Activate fuel pump</td>
<td></td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Component</th>
<th>Function/Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teach in of throttle valve stop</td>
<td>Confirm overall maintenance</td>
</tr>
<tr>
<td>Intake manifold swirl flap actuator motor</td>
<td>Reset mistakenly confirmed overall maintenance</td>
</tr>
<tr>
<td>Reset of mixture adaptation values</td>
<td></td>
</tr>
<tr>
<td>Acceleration of sensor rotor adaptation</td>
<td></td>
</tr>
<tr>
<td>C-CLASS (205)</td>
<td></td>
</tr>
<tr>
<td>ME/CDI/CNG - Engine control unit</td>
<td></td>
</tr>
<tr>
<td>- Basic function</td>
<td></td>
</tr>
<tr>
<td>- Data Analysis</td>
<td></td>
</tr>
<tr>
<td>- Actuation Test</td>
<td></td>
</tr>
<tr>
<td>CL-CLASS (215)/S-CLASS (220)</td>
<td></td>
</tr>
<tr>
<td>EZS/EIS - Electronic ignition lock</td>
<td></td>
</tr>
<tr>
<td>- Support function</td>
<td></td>
</tr>
<tr>
<td>- Read coding and change if necessary</td>
<td></td>
</tr>
<tr>
<td>CL-CLASS (215)/S-CLASS (220)/SL-CLASS (230)/SLR-CLASS (199)</td>
<td></td>
</tr>
<tr>
<td>CGW - Central gateway</td>
<td></td>
</tr>
<tr>
<td>- Support function</td>
<td></td>
</tr>
<tr>
<td>- Read coding and change if necessary</td>
<td></td>
</tr>
<tr>
<td>CL-CLASS (215)/S-CLASS (220)/SL-CLASS (230)/SLR-CLASS (199)</td>
<td></td>
</tr>
<tr>
<td>EZS/EIS - Electronic ignition lock</td>
<td></td>
</tr>
<tr>
<td>- Support function</td>
<td></td>
</tr>
<tr>
<td>- Read coding and change if necessary</td>
<td></td>
</tr>
<tr>
<td>CL-CLASS (215)/S-CLASS (220)/SL-CLASS (230)/SLR-CLASS (199)</td>
<td></td>
</tr>
<tr>
<td>SCM [MRM] - Steering column module</td>
<td></td>
</tr>
<tr>
<td>- Basic function</td>
<td></td>
</tr>
<tr>
<td>- Data Analysis</td>
<td></td>
</tr>
<tr>
<td>CL-CLASS (216)/S-CLASS (221)</td>
<td></td>
</tr>
<tr>
<td>AAC - Automatic air conditioning</td>
<td></td>
</tr>
<tr>
<td>- Support function</td>
<td></td>
</tr>
<tr>
<td>- Normalizing of positioning motors</td>
<td></td>
</tr>
<tr>
<td>CL-CLASS (216)/S-CLASS (221)</td>
<td></td>
</tr>
<tr>
<td>ABS/ESP - Electronic stability program</td>
<td></td>
</tr>
<tr>
<td>- Support function</td>
<td></td>
</tr>
<tr>
<td>- Road test</td>
<td></td>
</tr>
<tr>
<td>- Erase zero point offset error of steering angle sensor</td>
<td></td>
</tr>
<tr>
<td>- Calibration of ESP control unit</td>
<td></td>
</tr>
<tr>
<td>CL-CLASS (216)/S-CLASS (221)</td>
<td></td>
</tr>
<tr>
<td>Suspension</td>
<td></td>
</tr>
<tr>
<td>- Support function</td>
<td></td>
</tr>
<tr>
<td>- Level calibration</td>
<td></td>
</tr>
<tr>
<td>- Reset compressor operating time</td>
<td></td>
</tr>
<tr>
<td>CL-CLASS (216)/S-CLASS (221)</td>
<td></td>
</tr>
<tr>
<td>ASSYST PLUS - PLUS Active Service System</td>
<td></td>
</tr>
<tr>
<td>- Support function</td>
<td></td>
</tr>
</tbody>
</table>

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- Support function
  Read coding and change if necessary
  Writing of the VIN

GL-CLASS (164)/R-CLASS (251)
EKS/EIS - Electronic ignition lock
- Support function
  Read coding and change if necessary
  Writing of the VIN

GL-CLASS (164)/R-CLASS (251)
ME/CDI/CNG - Engine control unit
- Basic function
  Data Analysis

S-CLASS (221)
DCM-RL - Door control module rear left
- Support function
  Denormalize power window
  Normalize power window

S-CLASS (221)
DCM-RR - Door control module rear right
- Support function
  Denormalize power window
  Normalize power window

Transporter (906)/Transporter (907)
ME/CDI/CNG - Engine control unit
- Basic function
  Data Analysis
  Actuation Test

V-CLASS (447)
TPM - Tire pressure monitor
- Basic function
  Data Analysis

Function improved
System Search function greatly improved:
  - Searching speed accelerated up to 5 times.
  - Applicable for only CAN-Bus type models.
  - G-scan1 is not applicable due to its hardware limitations.

  - New function, **Clear ALL DTC**, added. It literally clears all 'present' DTCs with single button as shown below.

**Bug fixed**
- ME/CDI/CNG - Engine control unit
- ABS/ESP - Electronic stability program
- SBC - Sensotronic Brake Control
- KG/RFL - KEYLESS GO/Radio frequency locking/Electric central locking

**New system added**
**Autoliv MY06 Airbag**
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display

**Marelli 8DF CF5/EOBD Diesel Injection (1.3)**
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display
  Support function
  Oil change (only for version with DPF)
  Reset self-learnt functions
  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
  Differential pressure sensor replacement (only for version with DPF)
  Replacement of Lambda sensor
  Air flow meter sensor replacement
  Phonic wheel replacement
  Glow plug preheating circuit test
  Neutral signal learn
  Injector programming
**Bosch Motronic MeD7.6.2 CF4/EOBD Injection (3.2)**

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

- Support function
  - Self-adaptation

**Visteon CF4/EOBD Diesel Injection (2.2)**

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

- Support function
  - Oil change
  - Reset self-learnt functions
  - High pressure pump replacement
  - Pilot injection learn
  - Injector programming
  - Speed limit

**Hitachi MPI injection (EOBD)**

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

**Bosch Motronic ME7.3H4M EOBD Injection**

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

- Support function
  - Self-adaptation reset

**Bosch Motronic ME 3.1 EOBD (3.0 V6)**

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

**Bosch Motronic MeD17.3.1 CF5/EOBD Injection (1.8)**

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

- Support function
  - Reset self-learnt functions

**Bosch EDC16C39 CF5/EOBD Diesel Injection (2.0 16V)**

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

- Support function
  - Oil change (only for version with DPF)
  - Reset self-learnt functions
  - Replacement of particulate filter with built-in pre-catalyzer (only for versions with DPF)
  - Particle filter replacement (only for version with DPF)
  - Particle filter regeneration
  - Replacement of control unit and injectors
  - Rail pressure sensor replacement
  - Pre-catalyzer replacement (only for version with DPF)
  - Differential pressure sensor replacement (only for version with DPF)

**Marelli 9DF CF6/EOBD Diesel Injection (1.3)**

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

- Support function
  - Oil change (only for version with DPF)
  - Reset self-learnt functions
  - Particle filter replacement (only for version with DPF)
  - Particle filter regeneration
  - Replacement of control unit and injectors
  - Rail pressure sensor replacement
  - Differential pressure sensor replacement (only for version with DPF)

**Magneti Marelli IAW 8GSF CF5/EOBD Injection (0.9)**

- Basic function
DTC Analysis
Data Analysis
Actuation Test
ECU Information Display
- Support function
  Reset self-learnt functions
  Self-adaptation parameters reset
  Oil change
  Phonic wheel learn reset
  Throttle position learning
  Replacement of UniAir module
  Replacement of timing sensor or cam
  Replacement of RPM sensor or distribution belt
  Replacement of oil temperature sensor
  Replacement of intelligent alternator (IAM)
  UniAir actuator dispersion correction
  Neutral signal learn
  Performance limiting deactivation

TRW Electric Power Steering (2)
- Basic function
  DTC Analysis
  Data Analysis
  ECU Information Display
- Support function
  Vehicle type learn reset
  Steering angle calibration

Delphi Electric Steering
- Basic function
  DTC Analysis
  Data Analysis
  ECU Information Display
- Support function
  Position sensor calibration
  Steering angle calibration

TRW Airbag 2 (Ep - PROXI)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display

Marelli climate control (Dual zone)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display
  Support function
  Flap actuators learning

Lucas EPIC DCU3F Diesel Injection
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display

Bug fixed
Bosch Motronic Me7.9.10 CF5/EOBD Injection (1.4 16V):
- Calculation formula error fixed

New system added
Autoliv MY06 Airbag
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display

Marelli 8DF CF5/EOBD Diesel Injection (1.3)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display
  Support function
  Oil change (only for version with DPF)
  Reset self-learnt functions
  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
  Differential pressure sensor replacement (only for version with DPF)
  Replacement of Lambda sensor
  Air flow meter sensor replacement
  Phonic wheel replacement
  Glow plug preheating circuit test
  Neutral signal learn
  Injector programming

Bosch Motronic MeD7.6.2 CF4/EOBD Injection (3.2)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display
  Support function
  Self-adaptation

Visteon CF4/EOBD Diesel Injection (2.2)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display
- Support function
  Oil change
  Reset self-learnt functions
  High pressure pump replacement
  Pilot injection learn
  Injector programming
  Speed limit

Hitachi MPI injection (EOBD)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display
- Support function
  Oil change
  Reset self-learnt functions
  High pressure pump replacement
  Pilot injection learn
  Injector programming
  Speed limit

Bosch Motronic ME7.3H4M EOBD Injection
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display
- Support function
  Oil change
  Reset self-learnt functions
  High pressure pump replacement
  Pilot injection learn
  Injector programming
  Speed limit

Bosch Motronic ME 3.1 EOBD (3.0 V6)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display
- Support function
  Oil change
  Reset self-learnt functions
  High pressure pump replacement
  Pilot injection learn
  Injector programming
  Speed limit

Bosch Motronic MeD17.3.1 CF5/EOBD Injection (1.8)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display
  Support function
  Oil change
  Reset self-learnt functions
  Self-adaptation parameters reset

Bosch EDC16C39 CF5/EOBD Diesel Injection (2.0 16V)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display
  Support function
  Oil change
  Oil change (only for version with DPF)
  Reset self-learnt functions
  Replacement of particulate filter with built-in pre-catalyst (only for versions with DPF)
  Particle filter replacement (only for version with DPF)
  Particle filter regeneration
  Replacement of control unit and injectors
  Rail pressure sensor replacement
  Pre-catalyst replacement (only for version with DPF)
  Differential pressure sensor replacement (only for version with DPF)
  Replacement of Lambda sensor
  Air flow meter sensor replacement
  EGR valve replacement
  Glow plug preheating circuit test
  Neutral signal learn
  Injector programming

Marelli 9DF CF6/EOBD Diesel Injection (1.3)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display
- Support function
  Oil change (only for version with DPF)
  Reset self-learnt functions
  Particle filter replacement (only for version with DPF)
  Particle filter regeneration
  Replacement of control unit and injectors
  Rail pressure sensor replacement
  Differential pressure sensor replacement (only for version with DPF)
  Replacement of Lambda sensor
  Air flow meter sensor replacement
  Low pressure EGR valve learn
  Phonic wheel replacement
  Glow plug preheating circuit test
  Replacement of intelligent alternator (IAM)
  Clutch pedal learning
  Neutral signal learn
  Injector programming

Magneti Marelli IAW 8GSF CF5/EOBD Injection (0.9)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display
- Support function
  Reset self-learnt functions
  Oil change
  Phonic wheel learn reset
  Throttle position learning

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Replacement of UniAir module
Replacement of timing sensor or cam
Replacement of RPM sensor or distribution belt
Replacement of oil temperature sensor
UniAir actuator dispersion correction
Neutral signal learn
Performance limiting deactivation

**TRW Electric Power Steering (2)**
- Basic function
  - DTC Analysis
  - Data Analysis
  - ECU Information Display
  - Support function
  - Vehicle type learn reset
  - Steering angle calibration

**Delphi Electric Steering**
- Basic function
  - DTC Analysis
  - Data Analysis
  - ECU Information Display
  - Support function
  - Position sensor calibration
  - Steering angle calibration

**TRW Airbag 2 (Ep - PROXI)**
- Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information Display

**Marelli climate control (Dual zone)**
- Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information Display
  - Support function
  - Flap actuators learning

**Lucas EPIC DCU3F Diesel Injection**
- Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information Display

**Bug fixed**
Bosch Motronic Me7.9.10 CF5/EOBD Injection (1.4 16V):
- Calculation formula error fixed

**New system added**
**Autoliv MY06 Airbag**
- Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information Display

**Marelli 8DF CF5/EOBD Diesel Injection (1.3)**
- Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information Display
  - Support function
  - Oil change (only for version with DPF)
  - Reset self-learnt functions
  - 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
  - Differential pressure sensor replacement (only for version with DPF)

**Bosch Motronic MeD7.6.2 CF4/EOBD Injection (3.2)**
- Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information Display
  - Support function
  - Self-adaptation

**Visteon CF4/EOBD Diesel Injection (2.2)**
- Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information Display
  - Support function
  - Oil change
  - Reset self-learnt functions
  - High pressure pump replacement
  - Pilot injection learn

Back to Index
Injector programming

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**Hitachi MPI injection (EOBD)**
- Basic function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

**Bosch Motronic ME7.3H4M EOBD Injection**
- Basic function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

**Bosch Motronic ME 3.1 EOBD (3.0 V6)**
- Basic function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

**Bosch Motronic MeD17.3.1 CF5/EOBD Injection (1.8)**
- Basic function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

**Bosch EDC16C39 CF5/EOBD Diesel Injection (2.0 16V)**
- Basic function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

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**Marelli 9DF CF6/EOBD Diesel Injection (1.3)**
- Basic function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

**Marelli IAW 8GSF CF5/EOBD Injection (0.9)**
- Basic function
- DTC Analysis
- Data Analysis
- Actuation Test
- ECU Information Display

**TRW Electric Power Steering (2)**
- Basic function

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DTC Analysis
Data Analysis
ECU Information Display
- Support function
  Vehicle type learn reset
  Steering angle calibration

Delphi Electric Steering
- Basic function
  DTC Analysis
  Data Analysis
  ECU Information Display
- Support function
  Position sensor calibration
  Steering angle calibration

TRW Airbag 2 (Ep - PROXI)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display

Marelli climate control (Dual zone)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display
- Support function
  Flap actuators learning

Lucas EPIC DCU3F Diesel Injection
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information Display

Bug fixed
Bosch Motronic Me7.9.10 CF5/EOBD Injection (1.4 16V):
- Calculation formula error fixed

PEUGEOT

308 AL4 AT /DTC Analysis Bug fixed

BIPPER Engine (HDI_8DF3) Bug fixed

407 ESP/Steering wheel angle sensor calibration
  Function improved

301 Engine (9HP-DV6DTED-92 CV) System added

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C3 (A51) Vehicle Added

Engine (MEV17_4_2 EP6C)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Initialization of auto adaptative
  Motorised throttle unit
  Upstream and downstream oxygen sensors
  Accelerator pedal sensor
  Injectors
  Catalytic converter
  Fuel sender/pump module
  Inlet and exhaust camshaft phase sensor
  Inlet and exhaust camshaft dephasing electrovalve
  Inlet pressure sensor
  Variable valve lift motor
  Variable valve lift system position sensor
  Canister discharge electrovalve
  Timing

Engine (MEV17_4_2 EP3C)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Initialization of auto adaptative
  Motorised throttle unit
  Upstream and downstream oxygen sensors
  Accelerator pedal sensor
  Injectors
  Catalytic converter
  Fuel sender/pump module
  Inlet and exhaust camshaft phase sensor
  Inlet and exhaust camshaft dephasing electrovalve
  Inlet pressure sensor
  Variable valve lift motor
  Variable valve lift system position sensor
  Canister discharge electrovalve
  Timing

Engine (MEV17_4_2 EP3CM)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Initialization of auto adaptative
  Motorised throttle unit
  Upstream and downstream oxygen sensors
  Accelerator pedal sensor
  Injectors
  Catalytic converter
  Fuel sender/pump module
  Inlet and exhaust camshaft phase sensor
  Inlet and exhaust camshaft dephasing electrovalve
  Inlet pressure sensor
  Variable valve lift motor
  Variable valve lift system position sensor
  Canister discharge electrovalve
  Timing

Engine (MEV17_4_2 EP3CGAZ)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Initialization of auto adaptative
  Motorized throttle unit
  Upstream and downstream oxygen sensors
  Accelerator pedal sensor
  Injectors
  Catalytic converter
  Fuel sender/pump module
  Inlet and exhaust camshaft phase sensor
  Inlet and exhaust camshaft dephasing electrovalve
  Inlet pressure sensor
  Variable valve lift motor
  Variable valve lift system position sensor
  Canister discharge electrovalve
  Timing

Engine (MEV17_4_2 EURO5 5FS)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Initialization of auto adaptative
  Motorized throttle unit
  Upstream and downstream oxygen sensors
  Accelerator pedal sensor
  Injectors
  Catalytic converter
  Fuel sender/pump module
  Inlet and exhaust camshaft phase sensor
  Inlet and exhaust camshaft dephasing electrovalve
  Inlet pressure sensor
  Variable valve lift motor
  Variable valve lift system position sensor
  Canister discharge electrovalve
  Timing

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Inlet pressure sensor
Variable valve lift motor
Variable valve lift system position sensor
Canister discharge electrovalve
Timing

Engine (MEV17_4_EURO5 8FR)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Initialization of auto adaptative
  Motorized throttle unit
  Upstream and downstream oxygen sensors
  Accelerator pedal sensor
  Injectors
  Catalytic converter
  Fuel sender/pump module
  Inlet and exhaust camshaft phase sensor
  Inlet and exhaust camshaft dephasing electrovalve
  Inlet pressure sensor
  Variable valve lift motor
  Variable valve lift system position sensor
  Canister discharge electrovalve
  Timing

Engine (MEV17_4_EURO5 8FP)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Initialization of auto adaptative
  Motorized throttle unit
  Upstream and downstream oxygen sensors
  Accelerator pedal sensor
  Injectors
  Catalytic converter
  Fuel sender/pump module
  Inlet and exhaust camshaft phase sensor
  Inlet and exhaust camshaft dephasing electrovalve
  Inlet pressure sensor
  Variable valve lift motor
  Variable valve lift system position sensor
  Canister discharge electrovalve
  Timing

Engine (9HX-DV6ATED4-90CV)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test

Engine (EDC17C10 9HP)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Change of EGR valve
  EGR mixer butterfly replacement

Stationary
  Change of EGR Valve
  Replacement Of The EGR Exchanger
  Change Of Air Mixer
  Replacement Of The Turbo
  Replacement Of The Additive Reservoir Of Pump Or Pipes
  Replacement Of The High Pressure Pump Or Regulation Valve
  Replacement Of The Exhaust Manifold
  Replacement Of The Cylinder Head
  Replacement Of The Diesel High Pressure Rail
  Replacement Of The Particle Emission Filter
  Filling Of The Diesel Additive Tank
  Replacement Of The Oxygen Sensor

Engine (EDC17C10 8HR)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Forced Regeneration Of The Particle Filter Vehicle

Stationary
  Change of EGR Valve
  Replacement Of The EGR Exchanger
  Change Of Air Mixer
  Replacement Of The Turbo
  Replacement Of The Additive Reservoir Of Pump Or Pipes
  Replacement Of The High Pressure Pump Or Regulation Valve
  Replacement Of The Exhaust Manifold
  Replacement Of The Cylinder Head
  Replacement Of The Diesel High Pressure Rail
  Replacement Of The Particle Emission Filter
  Filling Of The Diesel Additive Tank
  Replacement Of The Oxygen Sensor

Engine (EDC17C10_BR2 9HP - DV6DTED - 92 CV)
- Basic function

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DTC Analysis
Data Analysis
Actuation Test
ECU Information
- Special Function
  Forced Regeneration Of The Particle Filter Vehicle Stationary
  Change of EGR Valve
  Replacement Of The EGR Exchanger
  Change Of Air Mixer
  Replacement Of The Turbo
  Replacement Of The Additive Reservoir Of Pump Or Pipes
  Replacement Of The High Pressure Pump Or Regulation Valve
  Replacement Of The Exhaust Manifold
  Replacement Of The Diesel High Pressure Rail
  Replacement Of The Particle Emission Filter
  Filling Of The Diesel Additive Tank
  Replacement Of The Oxygen Sensor

Engine (EDC17C10_BR2 9HJ - DV6DTEDM - 90 CV)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Change of EGR Valve
  Replacement Of The EGR Exchanger
  Replacement Of The Turbo
  Replacement Of The High Pressure Pump Or Regulation Valve
  Replacement Of The Exhaust Manifold
  Replacement Of The Cylinder Head
  Replacement Of The Diesel High Pressure Rail
  Replacement Of The Particle Emission Filter
  Filling Of The Diesel Additive Tank

Engine (EDC17C10_BR2 8HR - DV4CTED - 70 CV)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Change of EGR Valve
  Replacement Of The EGR Exchanger
  Replacement Of The Turbo
  Replacement Of The High Pressure Pump Or Regulation Valve
  Replacement Of The Exhaust Manifold
  Replacement Of The Cylinder Head
  Replacement Of The Diesel High Pressure Rail
  Replacement Of The Particle Emission Filter
  Filling Of The Diesel Additive Tank

Engine (EDC17C10_BR2 8HP - DV4CTED - 70 CV)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Change of EGR Valve
  Replacement Of The EGR Exchanger
  Replacement Of The Turbo
  Replacement Of The High Pressure Pump Or Regulation Valve
  Replacement Of The Exhaust Manifold
  Replacement Of The Cylinder Head
  Replacement Of The Diesel High Pressure Rail
  Replacement Of The Particle Emission Filter
  Filling Of The Diesel Additive Tank

Engine (V341 HFV)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test

Engine (V341 KFT)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Engine (J34P KFW)
- Basic function

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DTC Analysis  
Data Analysis  
Actuation Test  
ECU Information

Engine (J34P KFV)  
- Basic function  
DTC Analysis  
Data Analysis  
Actuation Test  
ECU Information

Engine (HDI_SID807 9HR)  
- Basic function  
DTC Analysis  
Data Analysis  
Actuation Test  
ECU Information  
- Special Function  
Forced regeneration vehicle stationary  
Change of high pressure pump with its fuel flow regulator  
Replacement of the EGR valve  
Change of air mixer  
Replacement of the turbo  
Replacement of the air flow sensor  
Replacement of the engine block without the air flow sensor  
Replacement of the engine block with the air flow sensor  
Replacement of the additive reservoir of the pump or of the pipes  
Replacement of the particle emission filter  
Replacement of the oxygen sensor

Engine (HDI_SID807_BR2 9HR)  
- Basic function  
DTC Analysis  
Data Analysis  
Actuation Test  
ECU Information  
- Special Function  
Forced regeneration vehicle stationary  
Replacement of the EGR valve  
Change of air mixer  
Replacement of the turbo  
Replacement of the engine block without the air flow sensor  
Replacement of the engine block with the air flow sensor  
Replacement of the additive reservoir of the pump or of the pipes  
Replacement of the particle emission filter  
Replacement of the oxygen sensor  
Temporary reactivation of the stop and start function  
(For a maximum distance of 10 km)  
Replacement of diesel high pressure pump  
Replacement of the fuel flow regulator  
Replacement of the EGR exchanger  
Change to the air flowmeter  
Filling of the diesel additive adding reservoir  
Replacement of the ancillary drive belt  
Replacement of the exhaust manifold

Engine (HDI_SID807_BR2 9HL)  
- Basic function  
DTC Analysis  
Data Analysis  
Actuation Test  
ECU Information  
- Special Function  
Forced regeneration vehicle stationary  
Replacement of the EGR valve  
Change of air mixer  
Replacement of the turbo  
Replacement of the engine block without the air flow sensor  
Replacement of the engine block with the air flow sensor  
Replacement of the engine block with the air flow sensor  
Replacement of the additive reservoir of the pump or of the pipes  
Replacement of the particle emission filter  
Replacement of the oxygen sensor  
Temporary reactivation of the stop and start function  
(For a maximum distance of 10 km)  
Replacement of diesel high pressure pump  
Replacement of the fuel flow regulator

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Replacement of the EGR exchanger  
Change to the air flowmeter  
Filling of the diesel additive adding reservoir  
Replacement of the ancillary drive belt  
Replacement of the exhaust manifold

Engine (VD46)  
- Basic function  
  DTC Analysis  
  Data Analysis  
  Actuation Test  
  ECU Information

- Special Function  
  Replacement of the exhaust manifold  
  Initialization of the auto adaptive values  
  Temporary reactivation of the stop and start function (for a maximum distance of 10 km)  
  Work on the ancillaries’ battery  
  Replacement of one or more petrol injectors  
  Replacement of the inlet camshaft dephaser  
  Replacement of the exhaust camshaft dephaser  
  Cylinder head replacement  
  Replacement of the turbocharger  
  Replacement of the ancillary’s battery  
  Replacement of starter motor  
  Replacement of the clutch  
  Replacement of the alternator  
  Replacement of the turbocharging pressure regulation valve  
  Replacement of the engine flywheel  
  Replacement of the accelerator pedal  
  Replacement of the motorized butterfly housing

Gearbox ECU (CFC300P)  
- Basic function

Gearbox ECU (MAPS_UDS)  
- Basic function

Multiplexed additive adding pump ECU  
- Basic function

Built-In system interface  
- Basic function

ABS/ESP (ABS MK 70.2)  
- Basic function

ABS/ESP (ABS MK100)  
- Basic function

ABS/ESP (ESP MK100)  
- Basic function

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DTC Analysis  
Data Analysis  
Actuation Test  
ECU Information

**Trailer relay unit (BSR)**  
- Basic function  
- DTC Analysis

**Engine relay unit (BSM)**  
- Basic function  
- DTC Analysis

**Airbag (SAC_AUTOLIV)**  
- Basic function  
- DTC Analysis  
- Data Analysis  
- ECU Information  
- Special Function  
  - Locking  
  - Unlocking

**Controls under the steering wheel (HDC)**  
- Basic function  
- DTC Analysis  
- Data Analysis  
- Actuation Test  
- ECU Information

**Packing assistance (AAS)**  
- Basic function  
- DTC Analysis  
- Data Analysis  
- ECU Information

**Air conditioning (CLIM_REGULEE)**  
- Basic function  
- DTC Analysis  
- Data Analysis  
- Actuation Test  
- ECU Information

**Multifunction display (Type C (Dot matrix))**  
- Basic function  
- DTC Analysis  
- Data Analysis  
- Actuation Test  
- ECU Information  
- Special Function  
  - Configuration and display mode  
  - Configuration of options  
  - Remote Control Configuration  
  - Customer language configuration  
  - Configuration of the customer parameter setting menu

**Multifunction display (Type C color (Dot matrix))**  
- Basic function  
- ECU Information

**Engine relay unit (BSM)**  
- Basic function  
- DTC Analysis

**Airbag (SAC_AUTOLIV)**  
- Basic function  
- DTC Analysis  
- Data Analysis  
- ECU Information

**Telematic unit or audio navigation (SMEG_PLUS)**  
- Basic function  
- DTC Analysis  
- Data Analysis  
- Actuation Test  
- ECU Information

**Radio (RD4)**  
- Basic function  
- DTC Analysis  
- Data Analysis  
- Actuation Test  
- ECU Information

**Radio (RD45)**  
- Basic function  
- DTC Analysis  
- Data Analysis  
- Actuation Test  
- ECU Information

**Anti-theft alarm (ALARME)**  
- Basic function  
- DTC Analysis  
- Data Analysis  
- Actuation Test  
- ECU Information

**Driver's door module (PDPC)**  
- Basic function  
- DTC Analysis

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Data Analysis
Actuation Test
ECU Information

Rain and light sensor (PLUIE_LUMINOSITE)
- Basic function
DTC Analysis
ECU Information

High frequency receiver (RHF)
- Basic function
DTC Analysis
Data Analysis
ECU Information

Service module independent telematic unit (BTA_2)
- Basic function
DTC Analysis
Data Analysis
Actuation Test
ECU Information
- Special Function
Configuration of the vehicle's electrical architecture

Hands-free starting access electronic module (BML)
- Basic function
DTC Analysis
Data Analysis
Actuation Test
ECU Information

Electronic key reader (LCE)
- Basic function
DTC Analysis
Data Analysis
ECU Information

Electric steering lock (AVE)
- Basic function
DTC Analysis
Data Analysis
Actuation Test
ECU Information

Seat driver position memory module (BDMC)
- Basic function
DTC Analysis
Data Analysis
Actuation Test
ECU Information

Battery charge status unit (BECB_GEN2)
- Basic function
Data Analysis
ECU Information

C5 Vehicle Added

Built-in systems interface
- Basic function
DTC Analysis
Data Analysis
Actuation Test
ECU Information
- Special Function
Resetting to zero
Programming of the Confidential Code of the BSI
Programming of keys

Instrument panel
- Basic function
DTC Analysis
Data Analysis
Actuation Test
ECU Information

Parking aid
- Basic function
DTC Analysis
Data Analysis
Actuation Test
ECU Information

CD player
- Basic function
DTC Analysis
Data Analysis
Actuation Test
ECU Information

Alarm
- Basic function
DTC Analysis
Actuation Test
ECU Information
- Special Function
Alarm Configuration

Switch module at the steering wheel
- Basic function
DTC Analysis
Data Analysis
ECU Information

Airbags
- Basic function
DTC Analysis
ECU Information

Petrol engine (2.0L RFN MM48P)
- Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

Petrol engine (RFN MM6LP)
  - Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information
  - Special Function
    - Initializing the auto adaptive

Petrol engine (3.0L XFX BOSCH ME746)
  - Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information
  - Special Function
    - Initializing the auto adaptive
    - Configuration

Petrol engine (1.8L 6FZ SAGEM S2000P)
  - Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information
  - Special Function
    - Initializing the auto adaptive
    - Configuration View Only

Diesel engine (2.0 L RHZ BOSCH EDC15C2)
  - Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

Diesel engine (2.0 L RHS BOSCH EDC15C2)
  - Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

Diesel engine (RHY SIEMENS SID801)
  - Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

Anti-lock brake system (ABS MK60)
  - Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

Anti-lock brake system (ESP MK60)
  - Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

Gearbox (Auto gearbox AL4)
  - Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information
  - Special Function
    - AT Initializing the autoadaptive
    - Oil wear counter

Gearbox ECU (4HP20)
  - Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

Diesel engine (2.0 L RHY BOSCH EDC15C2)
  - Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information
  - Special Function
    - Initializing the auto adaptive
    - Display
- Basic function
  DTC Analysis

Radio
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Driving school
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Rain sunlight sensor
- Basic function
  DTC Analysis
  ECU Information

C5(X7) Vehicle Added

Engine (9HP-DV6DTED-92 CV)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Forced Regeneration Of The Particle Filter Vehicle
  Stationary
  Change of EGR Valve
  Replacement Of The EGR Exchanger
  Change Of Air Mixer
  Replacement Of The Turbo
  Replacement Of The Additive Reservoir Of Pump Or Pipes
  Replacement Of The High Pressure Pump Or Regulation Valve
  Replacement Of The Exhaust Manifold
  Replacement Of The Cylinder Head
  Replacement Of The Diesel High Pressure Rail
  Replacement Of The Particle Emission Filter
  Filling Of The Diesel Additive Tank
  Replacement Of The Oxygen Sensor

- Special Function
  Initialization of auto adaptative

Engine (5FH MEV17.4.2 EURO5)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Initialization of auto adaptative

Engine (5FV MED 17.4.2 EURO5)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Initialization of auto adaptative

Engine (5FN MED17.4.2 EURO5)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Initialization of auto adaptative

Engine (5FM MED17.4.2 EURO5)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Initialization of auto adaptative

Engine (5FE MED17.4.2 EURO5)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Initialization of auto adaptative

Engine (5FC MED17.4.2 EURO5)
- Basic function
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Initialization of auto adaptative
Engine (SID201 UHZ)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Forced Regeneration Of The Particle Filter Vehicle
  Stationary
  Change of EGR Valve
  Replacement Of The Additive Reservoir Of Pump Or Pipes
  Replacement Of The Particle Emission Filter
  Filling Of The Additive Reservoir
  Top Up Diesel Additive Tank
  Replacement of diesel additive tank and fuel tank

Engine (RHR DCM 3.4)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Forced regeneration vehicle stationary
  Replacement of the turbo
  Replacement of the additive reservoir of the pump or of the pipes
  Replacement of the particle emission filter
  Filling of the diesel additive adding reservoir
  Forced Regeneration Of The Particle Filter Vehicle moving
  Replacement of the diesel additive reservoir of the pump or of the pipes
  EGR electrovalve replacement
  Air flow sensor replacement
  Replacement of the differential pressure sensor
  Replacement of the high pressure pump or the flow regulation valve
  Initialization of the EGR electrovalve
  Initialization of the turbo
  Initialization of the differential pressure sensor
  Initialization of the high pressure pump
  Initialization of the air flowmeter

Replacement of the additive reservoir of the pump or of the pipes
Replacement of the particle emission filter
Filling of the diesel additive adding reservoir
Forced Regeneration Of The Particle Filter Vehicle moving
Replacement of the diesel additive reservoir of the pump or of the pipes
EGR electrovalve replacement
Air flow sensor replacement
Replacement of the differential pressure sensor
Replacement of the high pressure pump or the flow regulation valve
Initialization of the EGR electrovalve
Initialization of the turbo
Initialization of the differential pressure sensor
Initialization of the high pressure pump
Initialization of the air flowmeter

Engine (RHH DCM 3.5)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Forced Regeneration Of The Particle Filter Vehicle Stationary
  Change of EGR Valve
  Replacement Of The Additive Reservoir Of Pump Or Pipes
  Replacement Of The Particle Emission Filter
  Filling Of The Additive Reservoir
  Top Up Diesel Additive Tank
  Replacement of diesel additive tank and fuel tank

Engine (EDC17CP11 X8Z)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Engine (HDI_SID807_BR2 9HL)
Basic function
DTC Analysis
Data Analysis
Actuation Test
ECU Information
- Special Function
  Forced regeneration vehicle stationary
  Change of high pressure pump with its fuel flow regulator
  Replacement of the EGR valve
  Change of air mixer

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Replacement of the turbo
Replacement of the air flow sensor
Replacement of the engine block without the air flow sensor
Replacement of the engine block with the air flow sensor
Replacement of the additive reservoir of the pump or of the pipes
Replacement of the particle emission filter
Replacement of the oxygen sensor

Engine (HDI_SID807_BR2 9HR)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Forced regeneration vehicle stationary
  Change of high pressure pump with its fuel flow regulator
  Replacement of the EGR valve
  Change of air mixer
  Replacement of the turbo
  Replacement of the air flow sensor
  Replacement of the engine block without the air flow sensor
  Replacement of the engine block with the air flow sensor
  Replacement of the additive reservoir of the pump or of the pipes
  Replacement of the particle emission filter
  Replacement of the oxygen sensor

Engine (EDC17CP42)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Engine (HDI_SID807 9HR)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Forced regeneration vehicle stationary
  Change of high pressure pump with its fuel flow regulator
  Replacement of the EGR valve
  Change of air mixer
  Replacement of the turbo
  Replacement of the air flow sensor

Engine (HDI_SID807 9HL)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Forced regeneration vehicle stationary
  Change of high pressure pump with its fuel flow regulator
  Replacement of the EGR valve
  Change of air mixer
  Replacement of the turbo
  Replacement of the air flow sensor
  Replacement of the engine block without the air flow sensor
  Replacement of the engine block with the air flow sensor
  Replacement of the additive reservoir of the pump or of the pipes
  Replacement of the particle emission filter
  Replacement of the oxygen sensor

Engine (DCM6.2)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Replacement of the EGR valve
  Replacement of the engine block with the air flow sensor
  Replacement of the fuel flow regulator
  Replacement of the ancillary drive belt
  Replacement of the exhaust manifold
  Replacement of the turbocharger
  Replacement of starter motor
  Replacement of the clutch
  Replacement of the engine flywheel
  Replacement of the diesel high pressure rail
  Programming the air mixer stops
  Programming the EGR valve stops
  Programming of the stops of the turbocharger
  Cleaning the EGR valve
  Particle filter regeneration

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Filling of the additive reservoir or pouch
Filling of the urea reservoir
Draining and filling of the urea solution reservoir
Replacement of the low pressure fuel pump+ of the fuel filter or of the pipes
Replacement of the high pressure pump
Replacement of the air mixer
Particle filter replacement
Replacement of the precatalyser
Replacement of the cylinder block
Replacement of the battery
Replacement of the flowmeter
Cleaning the EGR exchanger bypass
Initialization of the deNox system faults
Temporary reactivation of the stop and start function
Replacement of the particle emission filter differential pressure sensor
Replacement of the Nox sensor
Replacement of the deNox catalytic converter
Replacement of the reservoir of the gauge pump module of the deNox system pipes or of the urea injector
Replacement of the cylinder head without the air flow sensor
Replacement of the cylinder head with the air flow sensor
Replacement of the engine block without the flowmeter
Replacement of the camshaft
Replacement of the reversible alternator
Replacement of the power accumulator or of the voltage retaining device

Built-In system interface
- Basic function
  DTC Analysis
  ECU Information
- Special Function
  Reset to zero of the counter for the number of restarts

Instrument panel (COMBINE)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Radio (RD45)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

CD player

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- Special Function
  Locking
  Unlocking
  Configuration

Driver's door module (PDPC)
  - Basic function
    DTC Analysis
    Data Analysis
    Actuation Test
    ECU Information

Multifunction screen (TYPE 'C' (DOT matrix))
  - Basic function
    DTC Analysis
    Data Analysis
    Actuation Test
    ECU Information
  - Special Function
    Configuration and display mode
    Configuration of options
    Remote Control Configuration
    Customer language configuration
    Configuration of the customer parameter setting menu

Multifunction screen (TYPE 'C color'(DOT matrix))
  - Basic function
    DTC Analysis
    ECU Information
  - Special Function
    Customer configuration
    Vehicle configuration
    Configuration of the personalization menu

Anti-lock brake system (ESP8.1_BOSCH)
  - Basic function
    DTC Analysis
    Data Analysis
    Actuation Test
    ECU Information
  - Special Function
    Calibration of the steering wheel angle sensor
    Air Bleeding
    Reactivation of automatic application of the electric parking brake
    Longitudinal Acceleration Sensor Calibration
    Deactivation of the automatic application of the electric parking brake function
    Clutch pedal sensor calibration

Gearbox ECU (CFC300P)
  - Basic function
    DTC Analysis
    Data Analysis
    Actuation Test
    ECU Information

Gearbox ECU (BVA_AM6)
  - Basic function
    DTC Analysis
    Data Analysis
    Actuation Test
    ECU Information

Gearbox ECU (BVA_AM6_AT6_EURO5)
  - Basic function
    DTC Analysis
    Data Analysis
    Actuation Test
    ECU Information
  - Special Function
    Programming of the neutral position
    Replacement of the automatic gearbox oil

Gearbox ECU (BVA_AM6_AT6_UDS)
  - Basic function
    DTC Analysis
    Data Analysis
    Actuation Test
    ECU Information
  - Special Function
    Programming of the neutral position
    Replacement of the automatic gearbox oil
    Partial realignment of the programmed values
    Full realignment of the programmed values

Controls under the steering wheel (VCCF)
  - Basic function
    DTC Analysis
    Data Analysis
    Actuation Test
    ECU Information

Dynamic headlamp height adjuster (Projectors)
  - Basic function
    DTC Analysis
    Data Analysis
    Actuation Test
    ECU Information
  - Special Function
    Calibration
    Vehicle height sensor programming
Hands Free Kit (KML)
- Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

Hands Free Kit (BOITIER_NOMADE)
- Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

Air conditioning (CLIM_REGULEE)
- Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

Trailer relay unit (BSR)
- Basic function
  - DTC Analysis

Engine relay unit (BSM)
- Basic function
  - DTC Analysis

Telematics (SMEG_PLUS)
- Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

Service module (BTA_2)
- Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information
  - Special Function
    - Configuration of the vehicle's electrical architecture

Motorized boot ECU (COFFRE MOTORISE)
- Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

High frequency receiver (RHF)
- Basic function
  - DTC Analysis

Data Analysis
ECU Information
Radio amplifier (AMPLI AUDIO)
- Basic function
  - DTC Analysis
  - Actuation Test
  - ECU Information

C6 Vehicle Added

Engine (XFU BOSCH ME747)
- Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information
  - Special Function
    - Initializing the auto adaptive
    - Configuration

Engine (XFV BOSCH ME747)
- Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information
  - Special Function
    - Initializing the auto adaptive
    - Configuration

Engine (4HP BOSCH EDC16CP39 DW12BTED4)
- Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information
  - Special Function
    - Forced regeneration vehicle stationary
    - Replacement of the additive reservoir of the pump or of the pipes
    - Replacement of the particle emission filter
    - Filling of the diesel additive adding reservoir
    - Replacement of the diesel additive reservoir of the pump or of the pipes
    - EGR electrovalve replacement
    - Initialization of the EGR valve
    - Initialization of the turbocharger2 turbine valve (VT2)
    - Initialization of the EGR butterfly
    - Initialization of the air flow sensor
    - Initialization of the engine ECU
    - O2 sensor initialization
    - EGR butterfly replacement
    - Replacement of the turbocharger turbine valve 2
    - Filling of the additive reservoir

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Engine (4HR BOSCH EDC16CP39 DW12BTED4)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Forced regeneration vehicle stationary
  Replacement of the additive reservoir of the pump or of the pipes
  Replacement of the particle emission filter
  Filling of the diesel additive adding reservoir
  Replacement of the diesel additive reservoir of the pump or of the pipes
  EGR electrovalve replacement
  Initialization of the EGR valve
  Initialization of the turbocharger2 turbine valve (VT2)
  Initialization of the EGR butterfly
  Initialization of the air flow sensor
  Initialization of the engine ECU
  O2 sensor initialization
  EGR butterfly replacement
  Replacement of the turbocharger turbine valve 2
  Filling of the additive reservoir

Engine (4HS BOSCH EDC16CP39 DW12BTED4)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Forced regeneration vehicle stationary
  Replacement of the additive reservoir of the pump or of the pipes
  Replacement of the particle emission filter
  Filling of the diesel additive adding reservoir
  Replacement of the diesel additive reservoir of the pump or of the pipes
  EGR electrovalve replacement
  Initialization of the EGR valve
  Initialization of the turbocharger2 turbine valve (VT2)
  Initialization of the EGR butterfly
  Initialization of the air flow sensor
  Initialization of the engine ECU
  O2 sensor initialization
  EGR butterfly replacement
  Replacement of the turbocharger turbine valve 2
  Filling of the additive reservoir

Engine (UHZ SIEMENS SID201)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Forced Regeneration Of The Particle Filter Vehicle Stationary
  Change of EGR Valve
  Replacement Of The Additive Reservoir Of Pump Or Pipes
  Replacement Of The Particle Emission Filter
  Filling Of The Additive Reservoir
  Top Up Diesel Additive Tank
  Replacement of diesel additive tank and fuel tank

Engine (X8Z-DT20C EDC17CP11)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Gearbox (BVA_AM6)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Gearbox (BVA_AM6_AT6 Euro5)
- Basic function
  DTC Analysis
Data Analysis
Actuation Test
ECU Information
- Special Function
  Programming of the neutral position
  Replacement of the automatic gearbox oil
Airbag
- Basic function
  DTC Analysis
  Data Analysis
  ECU Information
- Special Function
  Configuration
  Locking
Anti-lock brake system (ESP8.1_BOSCH)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Calibration of the steering wheel angle sensor
Air conditioning
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
Anti-lock brake system (ESP VSC440)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
- Special Function
  Calibration of the steering wheel angle sensor
  bleeding
Rear air conditioning table
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
Lane departure warning system
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
Alarm
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information
Windscreen wiper
- Basic function
  Actuation Test
  ECU Information
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Actuation Test
ECU Information

Driver's door module
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Passenger's door module
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Rain sensor Brightness
- Basic function
  DTC Analysis
  ECU Information

Driver's seat memorizing unit
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Passenger's seat memorizing unit
- Basic function
  DTC Analysis
  Actuation Test
  ECU Information

Engine relay unit
- Basic function
  DTC Analysis

Trailer relay unit
- Basic function
  DTC Analysis

Multifunction screen (TYPE ‘C’ (DOT matrix))
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

- Special Function
  Configuration and display mode
  Configuration of options
  Remote Control Configuration
  Customer language configuration
  Configuration of the customer parameter setting

C8 Vehicle Added
Engine (RFJ MM6LPB)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

- Special Function
  Re-centering of autoadaptive systems

Engine (4HP BOSCH EDC16CP39 DW12BTED4)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

- Special Function
  Forced regeneration vehicle stationary
  Replacement of the additive reservoir of the pump or of the pipes
  Replacement of the particle emission filter
  Filling of the diesel additive adding reservoir
  Replacement of the diesel additive reservoir of the pump or of the pipes
  EGR electrovalve replacement
  Initialization of the EGR valve
  Initialization of the turbocharger2 turbine valve (VT2)
  Initialization of the EGR butterfly
  Initialization of the air flow sensor
  Initialization of the engine ECU
  O2 sensor initialization
  EGR butterfly replacement
  Replacement of the turbocharger turbine valve 2
  Filling of the additive reservoir

Engine (4HS BOSCH EDC16CP39 DW12BTED4)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

- Special Function
  Forced regeneration vehicle stationary
  Replacement of the additive reservoir of the pump or of the pipes
  Replacement of the particle emission filter
  Filling of the diesel additive adding reservoir
  Replacement of the diesel additive reservoir of the pump or of the pipes
  EGR electrovalve replacement
  Initialization of the EGR valve
  Initialization of the turbocharger2 turbine valve (VT2)
  Initialization of the EGR butterfly
  Initialization of the air flow sensor
  Initialization of the engine ECU
  O2 sensor initialization
  EGR butterfly replacement
  Replacement of the turbocharger turbine valve 2
  Filling of the additive reservoir

Engine (4HT BOSCH EDC16CP39 DW12BTED4)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

- Special Function
  Forced regeneration vehicle stationary
  Replacement of the additive reservoir of the pump or of the pipes
  Replacement of the particle emission filter
  Filling of the diesel additive adding reservoir
  Replacement of the diesel additive reservoir of the pump or of the pipes
  EGR electrovalve replacement
  Initialization of the EGR valve
  Initialization of the turbocharger2 turbine valve (VT2)
  Initialization of the EGR butterfly
  Initialization of the air flow sensor
  Initialization of the engine ECU
  O2 sensor initialization
  EGR butterfly replacement
  Replacement of the turbocharger turbine valve 2
  Filling of the additive reservoir

Engine (2.2 L 4HW BOSCH EDC15C2)
- Basic function
  DTC Analysis
Data Analysis
Actuation Test
ECU Information

Engine (2.0 L RHT BOSCH EDC15C2)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Stationary
Replacement Of The Particle Emission Filter
Initialization of the additive level when filling or replacing the additive reservoir
Replacement Of The Diesel Additive Reservoir Of Pump/Pipes

Engine (2.0 L RHW BOSCH EDC15C2)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

- Special Function
  Forced Regeneration Of The Particle Filter Vehicle Stationary
  Replacement Of The Particle Emission Filter
  Forced Regeneration Of The Particle Filter Vehicle moving
  Initialization of the additive level when filling or replacing the additive reservoir

Engine (2.0 RHZ BOSCH EDC15C2)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Engine (2.0 L RHM BOSCH EDC15C2)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Forced Regeneration Of The Particle Filter Vehicle moving
Initialization of the additive level when filling or replacing the additive reservoir

Engine (RHR SIEMENS SID803A)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

- Special Function
  Forced Regeneration Of The Particle Filter Vehicle Stationary
  Replacement Of The Particle Emission Filter
  Forced Regeneration Of The Particle Filter Vehicle moving
  Initialization of the additive level when filling or replacing the additive reservoir

Gearbox ECU (Auto gearbox AL4)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Gearbox ECU (Auto gearbox AM6)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Gearbox ECU (BVA AM6 Euro5)
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test

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## ECU Information

### Airbag

- **Basic function**
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

### Anti-lock brake system (ESP 8.1)

- **Basic function**
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

- **Special Function**
  - Calibration of the steering wheel angle sensor

### Anti-lock brake system (ESP8_BOSCH)

- **Basic function**
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

- **Special Function**
  - Calibration of the steering wheel angle sensor

### Instrument panel

- **Basic function**
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

### Radio

- **Basic function**
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

### CD player

- **Basic function**
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

### Parking aid

- **Basic function**
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

### Air conditioning

- **Basic function**
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

### Alarm

- **Basic function**
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

### Diesel fuel additive control unit

- **Basic function**
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

- **Special Function**
  - Cleaning or replacement of the particulate emission filter
  - Filling of the reservoir + light of the low additive level warning light
  - Replacement of the metering pump or replacement of the reservoir

### Sliding side doors module

- **Basic function**
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

### Driver's door module

- **Basic function**
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information

### Passenger's door module

- **Basic function**
  - DTC Analysis
  - Data Analysis
  - Actuation Test

### Rain sensor Brightness

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- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Front sunroof
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Rear sunroof
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Middle sunroof
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Memory unit
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Telematic receiver command
- Basic function
  Data Analysis
  ECU Information

Multifunction display
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

- Special Function
  Configuration and display mode
  Configuration of options
  Remote Control Configuration
  Customer language configuration
  Configuration of the customer parameter setting menu

Telematic
- Basic function
  DTC Analysis
  Data Analysis

Actuation Test
ECU Information

Additional heating
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Power steering
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Right-hand headlamp
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Left-hand headlamp
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Deflation detection
- Basic function
  DTC Analysis
  ECU Information

Hands Free Kit
- Basic function
  DTC Analysis
  Data Analysis
  Actuation Test
  ECU Information

Built-in Systems interface
- Basic function
  DTC Analysis

Back to Index
**VOLVO**

**V70  2002 ECM (Engine Control Module) / Data Analysis Bug fixed**

**XC70 2008-2015 BCM (Brake Control Module)**
- Special Function added
- Calibration

**EUROPE TRUCKS BETA**

**Scania New System added**
- EMS(Engine Management System)
- GMS(Transmission Control System)
- BMS(Brake Management System)
- SMS(Suspension Control System)
- ICL(Instrument Panel Control Module)
- APS(Compressed Air Supply)
- CCS(Smart Climate Control System)
- COO(Coordinator)
- VIS(Lighting System)
- BCS(Bus Chassis System)
- TCO(Mileage Recorder)
- LAS(Locking And Alarm System)

**FORD USA**

**F150 3.5L EcoBoost - Gas Turbocharged Direct Injection 2015 - 2016 Vehicle Added**
- 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)
- DACM-C (Digital Audio Control Module C)
- 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)
- GWM (Gateway Module A)
- HSWM (Heated Steering Wheel Module)
- HUD (Head up Display)
- IPC (Instrument Panel Control Module)
- IPM-A (Image Processing Module A)
- IPM-B (Image Processing Module B)
- OCSM (Occupant Classification System Module)
- PAM (Parking Aid Module)
- PBM (Parking Brake Control Module)
- PDM (Passenger's Door Module)
- PSCM (Power Steering Control Module)
- RCM (Restraint Control Module)
- RTM (Radio Transceiver Module)
- SCCM (Steering Column Control Module)
- SCM-E (Seat Control Module E)
- SCM-G (Seat Control Module G)
- SCM-H (Seat Control Module H)
- SOD-L (Side Obstacle Detection Control Module Left)
- SOD-R (Side Obstacle Detection Control Module Right)
- TBM (Tracking And Blocking Module)
- TCCM (Transfer Case Control Module)
- TRM (Trailer Module)

**F150 3.5L EcoBoost - Gas Turbocharged Direct Injection 2017 Vehicle Added**
- 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)
- DACM-C (Digital Audio Control Module C)
- DCDC (DC to DC Converter 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)
- GWM (Gateway Module A)
- HSWM (Heated Steering Wheel Module)
- HUD (Head up Display)
- IPC (Instrument Panel Control Module)
- IPM-A (Image Processing Module A)
- IPM-B (Image Processing Module B)
- OCSM (Occupant Classification System Module)
- PAM (Parking Aid Module)
- PBM (Parking Brake Control Module)
- PDM (Passenger's Door Module)
- PSCM (Power Steering Control Module)
- RCM (Restraint Control Module)
- RTM (Radio Transceiver Module)
- SCCM (Steering Column Control Module)
- SCM-E (Seat Control Module E)
- SCM-G (Seat Control Module G)
- SCM-H (Seat Control Module H)
- SOD-L (Side Obstacle Detection Control Module Left)
- SOD-R (Side Obstacle Detection Control Module Right)
- TBM (Tracking and Blocking Module)
- TCCM (Transfer Case Control Module)
- TRM (Trailer Module)

**F150 5.0L TIVCT 2015 ~ Vehicle Added**
- 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)
- DACM-C (Digital Audio Control Module C)
- 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)
- GWM (Gateway Module A)
- HSWM (Heated Steering Wheel Module)
- HUD (Head up Display)
- IPC (Instrument Panel Control Module)
- IPM-A (Image Processing Module A)
- IPM-B (Image Processing Module B)
- OCSM (Occupant Classification System Module)
- PAM (Parking Aid Module)
- PBM (Parking Brake Control Module)
- PDM (Passenger's Door Module)
- PSCM (Power Steering Control Module)
- RBM (Running Board Control Module)
- RCM (Restraint Control Module)
- RTM (Radio Transceiver Module)
- SCCM (Steering Column Control Module)
- SCM-E (Seat Control Module E)
- SCM-G (Seat Control Module G)
- SCM-H (Seat Control Module H)
- SOD-L (Side Obstacle Detection Control Module Left)
- SOD-R (Side Obstacle Detection Control Module Right)
- TCCM (Transfer Case Control Module)
- TRM (Trailer Module)

**Windstar 3.0L V6 ~ 2000 Vehicle Added**
- PCM (Powertrain Control Module)
- ABS (Anti-Lock Brake System)
- DDM (Driver's Door Module)
- IC (Instrument Cluster)
- NGSC (Next Generation Speed Control Module)
- FEM (Front Electronic Module)
- MC (Message Center)
- REM (Rear Electronic Module)
- RCM (Restraint Control Module)
- LPSDM (Left Power Sliding Module)
- RPSDM (Right Power Sliding Module)
- PAM (Parking Aid Module)

**Windstar 3.8L V6 ~ 2003 Vehicle Added**
- PCM (Powertrain Control Module)
- ABS (Anti-Lock Brake System)
- DDM (Driver's Door Module)
- IC (Instrument Cluster)
- NGSC (Next Generation Speed Control Module)
- FEM (Front Electronic Module)
- MC (Message Center)
- REM (Rear Electronic Module)
- RCM (Restraint Control Module)
- LPSDM (Left Power Sliding Module)
- RPSDM (Right Power Sliding Module)
- PAM (Parking Aid Module)
Blackwood 5.4L 4V 2002 ~ 2003 Vehicle Added
- PCM (Powertrain Control Module)
- ABS (Anti-Lock Brake System)
- DSM (Driver's Seat Module)
- GEM (Generic Electronic Module)
- HEC (Hybrid Electrical Cluster)
- LTM (Liftgate/Trunk Module)
- PAM (Parking Aid Module)
- RAP (Remote Anti-Theft/Personality Module)
- RASM (Rear Air Suspension Module)
- RCM (Restraint Control Module)
- EATC (Electronic Automatic Temperature Control)
- PATS (Passive Anti-Theft System)

MKT 3.7L 4V 2010 ~ 2012 Vehicle Added
- PCM (Powertrain Control Module)
- 4X4 (4x4 Control Module)
- ABS (Anti-Lock Brake System)
- ACM (Audio Control Module)
- APIM (Accessory Protocol Interface Module)
- C-CM (Cruise Control Module)
- DCSM (Driver-Dual Climate Control Seat Module)
- DDM (Driver's Door Module)
- DSM (Driver's Seat Module)
- DSP (Digital Signal Processing Module)
- FCIM (Front Controls Interface Module)
- FDIM (Front Display Interface Module)
- GEM/SJB (Generic Electronic Module/Smart Junction Box)
- HCM (Headlamp Control Module)
- HCM-2 (Headlamp Control Module 2)
- HUD (Head up Display)
- HVAC (Heating Ventilation Air Conditioning)
- ILCM (Interior Lighting Control Module)
- IPC (Instrument Panel Control Module)
- LTM (Liftgate/Trunk Module)
- OCSM (Occupant Classification System Module)
- PAM (Parking Aid Module)
- PCSM-2 (Passenger Climate Control Seat Module 2)
- PSCM (Power Steering Control Module)
- RCM (Restraint Control Module)
- RETM (Rear Entertainment Module)
- RFA (Remote Function Actuator)
- RHVAC (Rear Heating Ventilation Air Conditioning)
- M (Steering Angle Sensor Module)
- SOD-L (Side Obstacle Detection Control Module Left)
- SOD-R (Side Obstacle Detection Control Module Right)

Mark LT 5.4L 3V 2006 ~ 2008 Vehicle Added
- PCM (Powertrain Control Module)
- 4X4 (4x4 Control Module)
- ABS (Anti-Lock Brake System)
- RIM (Remote Immobilizer Module)
- GEM (Generic Electronic Module)
- DSM (Driver's Seat Module)
- HVAC (Heating Ventilation Air Conditioning)
- IC (Instrument Cluster)
- PAM (Parking Aid Module)
- RCM (Restraint Control Module)
- VSM (Vehicle Security Module)
- PATS (Passive Anti-Theft System)

GM USA

New Model & System added
- Buick
  Allure 2010 Engine Sensor Added
  2.4L LAF Engine Control Module
  3.0L LF1 Engine Control Module
  3.6L LLT Engine Control Module

Cascada 2016 Engine Sensor Added
1.6L LWC Engine Control Module

Enclave 2014~2016 Engine Sensor Added
3.6L LLT Engine Control Module

Encore 2013~2016 Engine Sensor Added
1.4L LUV Engine Control Module Automatic Transmission
<table>
<thead>
<tr>
<th>Engine Control Module</th>
<th>Transmission Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.4L LUV Engine Control Module</td>
<td>Manual Transmission</td>
</tr>
<tr>
<td>1.4L LUJ Engine Control Module</td>
<td>Automatic Transmission</td>
</tr>
<tr>
<td>1.4L LUJ Engine Control Module</td>
<td>Manual Transmission</td>
</tr>
<tr>
<td>1.4L LE2 Engine Control Module</td>
<td>Automatic Transmission</td>
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<tr>
<td>1.4L LE2 Engine Control Module</td>
<td>Manual Transmission</td>
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<tr>
<td>1.4L LE2 Engine Control Module</td>
<td>Automatic Transmission</td>
</tr>
<tr>
<td>1.4L LE2 Engine Control Module</td>
<td>Manual Transmission</td>
</tr>
</tbody>
</table>

**Envision 2016 Engine Sensor Added**
- 2.0L LTG Engine Control Module
- 2.5L LCV Engine Control Module

**Lacrosse 2010~2016 Engine Sensor Added**
- 2.4L LAF Engine Control Module
- 3.0L LF1 Engine Control Module
- 3.6L LLT Engine Control Module
- 2.4L LUK Engine Control Module
- 3.0L LFW Engine Control Module
- 3.6L LFX Engine Control Module

**Regal 2011~2016 Engine Sensor Added**
- 2.0L LHU Engine Control Module
- 2.4L LAF Engine Control Module
- 2.0L LTD Engine Control Module
- 2.4L LEA Engine Control Module
- 2.0L LTG Engine Control Module

**Verano 2012~2016 Engine Sensor Added**
- 2.4L LEA Engine Control Module
- 2.0L LHU Engine Control Module
- 2.0L LHU Engine Control Module Manual Transmission

**- Cadillac**

**ATS 2013~2016 Engine Sensor Added**
- 2.0L LTG Engine Control Module
- 2.0L LTG Engine Control Module Automatic Transmission
- 2.0L LTG Engine Control Module Manual Transmission
- 2.5L LCV Engine Control Module
- 2.5L LCV Engine Control Module Automatic Transmission
- 2.5L LCV Engine Control Module Manual Transmission
- 3.6L LF4 Engine Control Module Automatic Transmission
- 3.6L LF4 Engine Control Module Manual Transmission
- 3.6L LFX Engine Control Module
- 3.6L LFX Engine Control Module Automatic Transmission
- 3.6L LFX Engine Control Module Manual Transmission
- 3.6L LGX Engine Control Module Automatic Transmission
- 3.6L LGX Engine Control Module Manual Transmission

**CT6 2016 Engine Sensor Added**
- 2.0L LTG Engine Control Module
- 3.0L LGW Engine Control Module
- 3.6L LGX Engine Control Module

**CTS 2014~2016 Engine Sensor Added**
- 2.0L LTG Engine Control Module Automatic Transmission
- 2.0L LTG Engine Control Module Manual Transmission

**- Chevrolet**

**Aveo 2012~2016 Engine Sensor Added**
- 1.2L LDC Engine Control Module Automatic Transmission
- 1.2L LDC Engine Control Module Manual Transmission
- 1.2L LMU Engine Control Module
- 1.2L LWD Engine Control Module Automatic Transmission
- 1.2L LWD Engine Control Module Manual Transmission
- 1.3L LDV Engine Control Module Automatic Transmission
- 1.3L LDV Engine Control Module Manual Transmission
- 1.3L LSF Engine Control Module Automatic Transmission
- 1.3L LSF Engine Control Module Manual Transmission
- 1.4L L2N Engine Control Module Automatic Transmission
- 1.4L L2N Engine Control Module Manual Transmission
- 1.4L L95 Engine Control Module
- 1.4L LDD Engine Control Module Automatic Transmission
- 1.4L LDD Engine Control Module Manual Transmission
- 1.4L LDT Engine Control Module Automatic Transmission
- 1.4L LDT Engine Control Module Manual Transmission
- 1.4L LUJ Engine Control Module Automatic Transmission
- 1.4L LUJ Engine Control Module Manual Transmission
- 1.4L LUV Engine Control Module Automatic Transmission
- 1.4L LUV Engine Control Module Manual Transmission
- 1.5L LV8 Engine Control Module
- 1.6L LDE Engine Control Module Automatic Transmission

**- Cadillac**

**ATS 2013~2016 Engine Sensor Added**
- 2.0L LTG Engine Control Module
- 2.0L LTG Engine Control Module Automatic Transmission
- 2.0L LTG Engine Control Module Manual Transmission
- 2.5L LCV Engine Control Module
- 2.5L LCV Engine Control Module Automatic Transmission
- 2.5L LCV Engine Control Module Manual Transmission
- 3.6L LF3 Engine Control Module
- 3.6L LF4 Engine Control Module Automatic Transmission
- 3.6L LF4 Engine Control Module Manual Transmission
- 3.6L LF3 Engine Control Module
- 3.6L LFX Engine Control Module Automatic Transmission
- 3.6L LFX Engine Control Module Manual Transmission
- 3.6L LF4 Engine Control Module
- 6.2L LSA Engine Control Module Automatic Transmission
- 6.2L LSA Engine Control Module Manual Transmission
- 2.0L LTG Engine Control Module
- 3.6L LFX Engine Control Module
- 3.6L LGX Engine Control Module
- 6.2L LT4 Engine Control Module

**- Chevrolet**

**Aveo 2012~2016 Engine Sensor Added**
- 1.2L LDC Engine Control Module Automatic Transmission
- 1.2L LDC Engine Control Module Manual Transmission
- 1.2L LMU Engine Control Module
- 1.2L LWD Engine Control Module Automatic Transmission
- 1.2L LWD Engine Control Module Manual Transmission
- 1.3L LDV Engine Control Module Automatic Transmission
- 1.3L LDV Engine Control Module Manual Transmission
- 1.3L LSF Engine Control Module Automatic Transmission
- 1.3L LSF Engine Control Module Manual Transmission
- 1.4L L2N Engine Control Module Automatic Transmission
- 1.4L L2N Engine Control Module Manual Transmission
- 1.4L L95 Engine Control Module
- 1.4L LDD Engine Control Module Automatic Transmission
- 1.4L LDD Engine Control Module Manual Transmission
- 1.4L LDT Engine Control Module Automatic Transmission
- 1.4L LDT Engine Control Module Manual Transmission
- 1.4L LUJ Engine Control Module Automatic Transmission
- 1.4L LUJ Engine Control Module Manual Transmission
- 1.4L LUV Engine Control Module Automatic Transmission
- 1.4L LUV Engine Control Module Manual Transmission
- 1.5L LV8 Engine Control Module
- 1.6L LDE Engine Control Module Automatic Transmission

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1.6L LDE Engine Control Module Manual Transmission
1.6L LED Engine Control Module Automatic Transmission
1.6L LED Engine Control Module Manual Transmission
1.6L LFJ Engine Control Module Automatic Transmission
1.6L LFJ Engine Control Module Manual Transmission
1.6L LXT Engine Control Module
1.8L LUW Engine Control Module Automatic Transmission
1.8L LUW Engine Control Module Manual Transmission

Beat 2010–2016 Engine Sensor Added
1.0L LEB Engine Control Module Automatic Transmission
1.0L LEB Engine Control Module Manual Transmission
1.19L LC5 Engine Control Module
1.0L LEB Engine Control Module

Camaro 2010–2016 Engine Sensor Added
3.6L LLT Engine Control Module Automatic Transmission
3.6L LLT Engine Control Module Manual Transmission
6.2L L99 Engine Control Module Automatic Transmission
6.2L L99 Engine Control Module Manual Transmission
6.2L LS3 Engine Control Module Automatic Transmission
6.2L LS3 Engine Control Module Manual Transmission
3.6L LFX Engine Control Module Automatic Transmission
3.6L LFX Engine Control Module Manual Transmission
6.2L LSA Engine Control Module Automatic Transmission
6.2L LSA Engine Control Module Manual Transmission
7.0L LS7 Engine Control Module Automatic Transmission
7.0L LS7 Engine Control Module Manual Transmission
2.0L LTG Engine Control Module Automatic Transmission
2.0L LTG Engine Control Module Manual Transmission
3.6L LGX Engine Control Module Automatic Transmission
3.6L LGX Engine Control Module Manual Transmission
6.2L LT1 Engine Control Module Automatic Transmission
6.2L LT1 Engine Control Module Manual Transmission

Caprice 2012–2016 Engine Sensor Added
3.6L LFX Engine Control Module Automatic Transmission
3.6L LFX Engine Control Module Manual Transmission
6.0L LT7 Engine Control Module Automatic Transmission
6.0L LT7 Engine Control Module Manual Transmission

Captiva 2011–2016 Engine Sensor Added
2.0L LFS Engine Control Module Automatic Transmission
2.0L LFS Engine Control Module Manual Transmission
2.0L LNP Engine Control Module Automatic Transmission
2.0L LNP Engine Control Module Manual Transmission
2.2L LNQ Engine Control Module Automatic Transmission
2.2L LNQ Engine Control Module Manual Transmission
2.4L LE5 Engine Control Module Automatic Transmission
2.4L LE5 Engine Control Module Manual Transmission
2.4L LE9 Engine Control Module Automatic Transmission
2.4L LE9 Engine Control Module Manual Transmission
2.4L LEA Engine Control Module
2.4L LEA Engine Control Module Automatic Transmission
2.4L LEA Engine Control Module Manual Transmission
3.0L LF1 Engine Control Module Automatic Transmission

Cheyenne 2014–2016 Engine Sensor Added
4.3L LV1 Engine Control Module
4.3L LV3 Engine Control Module
5.3L L83 Engine Control Module
6.0L L96 Engine Control Module
6.2L L86 Engine Control Module

Corvette 2014–2016 Engine Sensor Added
6.2L LT1 Engine Control Module Automatic Transmission
6.2L LT1 Engine Control Module Manual Transmission
6.2L LT4 Engine Control Module Automatic Transmission
6.2L LT4 Engine Control Module Manual Transmission

Equinox 2010–2016 Engine Sensor Added
2.4L LAF Engine Control Module
2.4L LEA Engine Control Module
3.0L LF1 Engine Control Module
3.0L LFW Engine Control Module
3.6L LFX Engine Control Module

Express 2014–2016 Engine Sensor Added
4.3L LU3 Engine Control Module
4.8L L20 Engine Control Module
5.3L LMF Engine Control Module
6.0L L96 Engine Control Module
6.0L LC8 Engine Control Module
6.6L LGH Engine Control Module

Impala 2014–2016 Engine Sensor Added
1.5L LFV Engine Control Module
2.0L LBN Engine Control Module
2.0L LCP Engine Control Module
2.4L LUK Engine Control Module
2.5L LCV Engine Control Module
2.5L LKW Engine Control Module
3.6L LFX Engine Control Module

Malibu 2012–2016 Engine Sensor Added
1.5L LFV Engine Control Module
2.0L LBN Engine Control Module
2.0L LTP Engine Control Module
2.0L LCP Engine Control Module
2.4L LE9 Engine Control Module Automatic Transmission
2.4L LE9 Engine Control Module Manual Transmission
2.4L LEA Engine Control Module
2.4L LEA Engine Control Module Automatic Transmission
2.4L LEA Engine Control Module Manual Transmission
3.0L LF1 Engine Control Module Automatic Transmission
3.0L LF1 Engine Control Module Manual Transmission
3.0L LFW Engine Control Module Automatic Transmission
3.0L LF1 Engine Control Module Manual Transmission
3.0L LF1 Engine Control Module Manual Transmission
3.0L LF1 Engine Control Module Manual Transmission
3.6L LLT Engine Control Module Automatic Transmission
3.6L LLT Engine Control Module Manual Transmission
6.2L LT1 Engine Control Module Automatic Transmission
6.2L LT1 Engine Control Module Manual Transmission
6.2L LT4 Engine Control Module Automatic Transmission
6.2L LT4 Engine Control Module Manual Transmission
6.2L LT1 Engine Control Module Automatic Transmission
6.2L LT1 Engine Control Module Manual Transmission

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### G-scan & G-scan2 Distributor Bulletin
#### 2017 September Update Details

**Sep 05, 2017**

<table>
<thead>
<tr>
<th>Engine Model</th>
<th>Control Module Type</th>
<th>Transmission Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5L LCV</td>
<td>Engine Control Module</td>
<td>Manual Transmission</td>
</tr>
<tr>
<td>2.5L LKW</td>
<td>Engine Control Module</td>
<td>Automatic Transmission</td>
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<tr>
<td>2.5L LKW</td>
<td>Engine Control Module</td>
<td>Manual Transmission</td>
</tr>
<tr>
<td>3.0L LFW</td>
<td>Engine Control Module</td>
<td>Automatic Transmission</td>
</tr>
<tr>
<td>3.0L LFW</td>
<td>Engine Control Module</td>
<td>Manual Transmission</td>
</tr>
</tbody>
</table>

- **Savana 2014–2016 Engine Sensor Added**
  - 4.3L LU3 Engine Control Module
  - 4.8L L20 Engine Control Module
  - 5.3L LMF Engine Control Module
  - 6.0L L96 Engine Control Module
  - 6.0L LC8 Engine Control Module
  - 6.6L LGH Engine Control Module

- **Silverado 2014–2016 Engine Sensor Added**
  - 4.3L LV1 Engine Control Module
  - 4.3L LV3 Engine Control Module
  - 5.3L L83 Engine Control Module
  - 6.0L L96 Engine Control Module
  - 6.0L LC8 Engine Control Module
  - 6.2L L86 Engine Control Module
  - 6.6L LML Engine Control Module

- **Suburban 2014–2016 Engine Sensor Added**
  - 5.3L L83 Engine Control Module
  - 5.3L LC9 Engine Control Module
  - 5.3L LMG Engine Control Module
  - 6.0L L96 Engine Control Module
  - 6.0L LC8 Engine Control Module
  - 6.2L L86 Engine Control Module
  - 6.6L LML Engine Control Module

- **Tahoe 2014–2016 Engine Sensor Added**
  - 5.3L LMG Engine Control Module
  - 5.3L L83 Engine Control Module
  - 6.2L L86 Engine Control Module

- **Traverse 2014–2016 Engine Sensor Added**
  - 3.6L LLT Engine Control Module

- **Volt 2011–2016 Engine Sensor Added**
  - Engine Control Module

- **Acadia 2014–2016 Engine Sensor Added**
  - 3.6L LLT Engine Control Module

- **Canyon 2015–2016 Engine Sensor Added**
  - 2.5L LCV Engine Control Module Automatic Transmission
  - 2.5L LCV Engine Control Module Manual Transmission
  - 3.6L LFX Engine Control Module
  - 3.6L LFX Engine Control Module Automatic Transmission
  - 3.6L LFX Engine Control Module Manual Transmission

- **Savana 2014–2016 Engine Sensor Added**
  - 4.3L LU3 Engine Control Module
  - 4.8L L20 Engine Control Module
  - 5.3L LMF Engine Control Module

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Auto selection Function Added (2005 ~ 2016 year)

Module Installation
Relearn TIPM VIN

ABS (Anti Brake System)
- Special Function
  Bleed brakes

PCM (Power Control Module)
- Special Function
  Check VIN (VIN writing)

CGW (Central Gateway)
- Special Function
  Program Tire Size

Feedback
AUS: Caliber - PCM Bug fixed
USA: Avenger - PCM Misfire sensor data added
USA: RAM 2500 - DPF regeneration added
AUS: Wrangler - PCM Injector coding added
USA: 300 - PCM Misfire sensor data added
IRAQ: Grand Cherokee - VIN writing function added
AUS: Wrangler - Injector coding bug fixed
JPN: Wrangle - ORC, CCN, and WCM sensor data bug fixed
USA: Ram 3500 - PCM sensor data bug fixed, ABS sensor data added

Menu Structure Modified

EFI System
- Special Function added
  Reset Memory

Feedback: VIVA, EJ-VE, L251
New Model & System added
- Astra-G / Zafira New Type added
  Engine X 20 DTL
- Astra-H New Type added
  Engine Z 19 DT
- Astra-G New Type added
  Engine X 16 XEL
- Corsa-D New Type added
  Immobiliser
  Central Door Lock
  Anti Theft Warning System
  Heating Ventilation and Air Cond.
  Wipers/Washer
  Interior Lighting
  Exterior Lighting
  BCM (Body Control Module)

- Astra-J New Type added (2014)
  Powertrain
  Engine Control Module 1.3L (LSF)
  Engine Control Module 1.4L (LDD)
  Engine Control Module 1.4L (LUJ)
  Engine Control Module 1.6L (LDE)
  Engine Control Module 1.6L (LLU)
  Engine Control Module 1.6L (LVL)
  Engine Control Module 1.6L (LVM)
  Engine Control Module 1.6L (LVP)
  Engine Control Module 1.7L (LKR)
  Engine Control Module 1.7L (LUD)
  Engine Control Module 1.7L (LUE)
  Engine Control Module 1.8L (2H0)
  Engine Control Module 2.0L (LBS)
  Engine Control Module 2.0L (LBX)
  Engine Control Module 2.0L (LBY)
  Engine Control Module 2.0L (LHU)

  Powertrain
  Engine Control Module 1.4L (LUJ)
  Engine Control Module 1.6L (LVP)
  Engine Control Module 1.6L (LWC)
  Engine Control Module 1.8L (2H0)
  Engine Control Module 2.0L (LBQ)
  Engine Control Module 2.0L (LBR)
  Engine Control Module 2.0L (LBS)
  Engine Control Module 2.0L (LBY)
  Engine Control Module 2.0L (LHV)
  Engine Control Module 2.0L (LTM)
  Engine Control Module 2.0L (LVM)

Feedback
Astra-G / Zafira Engine New Type Added : Requested by Israel
Astra-H engine New Type Added : Requested by Belgium
Astra-G Engine New Type Added : Requested by UAE
Corsa-D New Type Added : Requested by South Africa
Astra-J 2014 Engine : Requested by Israel
Basic function
DTC Analysis
Data Analysis
ECU Information Display
Special Function
Write Vehicle Speed Set Point
Write VIN

ENGINE
MTBL A36
Basic function
DTC Analysis
Data Analysis
ECU Information Display
Special Function
Write Vehicle Speed Set Point
Write VIN
Write Engine Serial Number

ENGINE
LCV CRDe
Special Function
Write Speed Limit

ENGINE
MDI LLCR
Special Function
Write Speed Limit

ENGINE
C39 C08
Basic function
DTC Analysis
Data Analysis
Actuation Test
ECU Information Display
Special Function
Write VIN
Read IQA Code
Write IQA Code

SAIPA

CHANGAN CS35
ENGINE
- Special Function
  Write VIN
  Hardware reset
  On-Off key reset
  Reset all learn values of ECU
  Reset long term fuel trim learn values

AT
- Special Function added
  Write VIN
  Write ECU installation date
  Clear EEPROM data-Learned value

ABS
- Special Function added

SRS
- Special Function added
  Write date of last service
  Write VIN
  Write Enable/disable firing of ECU
  Write date of production
  Write ECU configuration
  Software reset

BCM
- Special Function added
  Self-test
  Steering angle sensor calibration
  ECU reset

Back to Index
Write VIN

**CHANGAN EADO ENGINE**
- Special Function
  - Repair ship code or tester serial number
  - Programming date
  - ECU reset
  - Write VIN

**AT**
- Special Function added
  - Write VIN
  - Write ECU installation date
  - Clear EEPROM data-Learned value

**ABS**
- Special Function added
  - Vehicle configuration
  - IIS calibration
  - Hardware reset
  - Hydraulic filling indicator
  - Supplier identification
  - Programming date

**SRS**
- Special Function added
  - ECU reset
  - Write date of production
  - Write VIN
  - Write ECU configuration

**TATA**

New model added

**BOLT added**
- Engine Management System
- Instrument Panel Cluster System
- Electrical Power Assisted Steering
- Antitheft System
- Body Control Module
- Head Unit Control System
- Airbag System
- Anti-Lock Braking System
- Fully Automatic Temperature Control System

**HEXA added**
- Engine Management System
- Anti-Theft Management System
- Body Control Management System
- Instrument Cluster Management System
- Airbag Management System

- Electronic Stability Program
- Infotainment System
- Window Winder Control System
- Reverse Parking System

**INDICA added**
- Engine Management System
- Anti-Lock Braking System

**INDICO added**
- Engine Management System
- Anti-Lock Braking System

**MANZA added**
- Engine Management System
- Body Control Module
- Antitheft System
- Airbag System
- Anti-Lock Braking System

**MANZA CLUB CLASS added**
- Engine Management System
- Body Control Module
- Antitheft System
- Airbag System
- Anti-Lock Braking System

**TIAGO added**
- Engine Management System
- Instrument Panel Cluster System
- Electrical Power Assisted Steering
- Body Control Module
- Head Unit Control System
- Airbag System
- Anti-Lock Braking System
- Park Distance Control System

**ZEST added**
- Engine Management System
- Instrument Panel Cluster System
- Electrical Power Assisted Steering
- Body Control Module
- Head Unit Control System
- Airbag System
- Anti-Lock Braking System
- Fully Automatic Temperature Control System
- Park Distance Control System
**HOLDEN**

New system added
VE Commodore V6 SIDI
- Basic function
  - DTC Analysis
  - Data Analysis
  - Actuation Test
  - ECU Information Display
- Support function
  - Program immobilizer function
  - ECM Reset
  - Fuel trim reset
  - Idle learn reset
  - Oil life reset
  - Crankshaft position system variant

New functions added
ABS
- Basic function
  - Data Analysis

Bug fixed
AT: Communication stabilized

**ETC.**

G-scan2
- Wifi network improved

G-scanTab
- Firmware Update function improved

G-scan2 / G-scanTab
- Update subscription expiry date will be alarmed and displayed

**PROTON**

New Model & System added
- Persona NFE
  - Immo
    - Special Function
      - Immo and Alarm Coding

- SAGA NFE
  - Immo
    - Special Function
      - Immo and Alarm Coding

- IRIZ
  - Immo
    - Special Function
      - Immo and Alarm Coding

Back to Index

END