

1. X : means the function is supported.

2. \* : means the function is added or developed newly in the new version

| VEHICLE INFORMATION |                                  | FUNCTION |     |            |           |            |  |
|---------------------|----------------------------------|----------|-----|------------|-----------|------------|--|
| Systems             | Diagnostic systems and protocols | ECU INFO | DTC | DTC Freeze | Data List | Actuations | Spec. Func.  |
| EDC7 System         | EDC7UC31(Universal)              | X        |     |            | X         |            | Engine brake exhaust throttle valve<br>Fault light<br>Cold start lights<br>Cylinder test   |
| EDC7 System         | EDC7UC31(WEICHAI) V46            | X        | X   |            | X         | X          |  |
| EDC7 System         | EDC7UC31(WEICHAI) V42 K-Line     | X        | X   |            | X         |            | Preheat indicator<br>Gas alarm lights<br>Maintenance indicator<br>AdBlue pressure tube heating element<br>AdBlue storage tank heating<br>AdBlue 2/4-way valve<br>AdBlue return pipe heating element<br>AdBlue supply module heating device<br>AdBlue Input tube heating element<br>AdBlue heats the main relay |
| EDC7 System         | EDC7UC31(WEICHAI) V42 CAN        | X        | X   |            | X         |            |  |
| EDC7 System         | EDC7UC31(XICHAI)                 | X        | X   |            | X         |            | The cylinder was completely shut down for testing<br>Turn off both 1 and 2 cylinders<br>The cylinder closes the pre-spray<br>Compression test<br>high-pressure test<br>Broken cylinder test<br>Fault light off<br>The cooling lamp turns on<br>The exhaust valve opens   |
| EDC7 System         | EDC7UC31 (Yuchai III)            | X        |     |            | X         |            | Engine brake exhaust throttle valve<br>Fault light<br>Cold start lights<br>Broken cylinder test  |
| EDC7 System         | EDC7UC31 (Yuchai IV)             | X        | X   |            |           |            | Broken cylinder test   |
| EDC7 System         | EDC7UC31 (SFH)                   | X        | X   |            | X         |            |  |

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|------------------|----------------------------------|----------|-----|------------|-----------|------------|--|
| EDC7 System      | EDC7UC31(RENAULT)(CAN)           | X        | X   |            | X         | X          | The cylinder was completely shut down for testing<br>The cylinder shuts down the pre-spray test<br>Turn off both 1 and 2 cylinders<br>Compression test 2<br>high-pressure test<br>Broken cylinder test   |
| EDC7 System      | EDC7UC31(RENAULT)(K)             | X        | X   |            | X         | X          | The cylinder was completely shut down for testing<br>The cylinder shuts down the pre-spray test<br>Turn off both 1 and 2 cylinders<br>Compression test 2<br>high-pressure test<br>Broken cylinder test   |
| EDC7 System      | EDC7C3(MAN)                      | X        | X   |            | X         |            | Cylinder test (Rev-up)   |
| EDC16C39 System  | EDC16C39 Model 1                 | X        | X   |            | X         | X          | Oil rail high pressure test<br>Speed test<br>Compression test 2  |
| EDC16C39 System  | EDC16C39 Model 2                 |          | X   | X          | X         |            | Broken cylinder test   |
| EDC16C39 System  | EDC16C39 MODEL 3 (for JAC, etc.) | X        | X   |            | X         |            | Mileage lights signal test<br>ECU exhaust gas recirculation cooler bypass output test<br>Air conditioning compressor signal test<br>Exhaust Gas Recirculation Actuator Test<br>Preheat indicator test<br>Preheat Control Test<br>System light signal test<br>high-pressure test<br>Accelerated testing<br>Compression test |
| EDC16UC40 System | EDC16UC40 (General 1)            | X        | X   | X          |           |            | high-pressure test<br>Accelerated testing<br>Compression test<br>Broken cylinder test  |
| EDC16UC40 System | EDC16UC40 (General 2)            | X        | X   |            | X         |            |  |
| EDC17            | EDC17 (K Line) CV44 / 54 IV      | X        | X   |            | X         | X          |  |
| EDC17            | EDC17 (CAN Line) CV44 / 54 IV    | X        | X   |            | X         | X          | SCR post-processing test   |
| EDC17            | EDC17-P1158V760 Euro IV          | X        | X   |            | X         |            |  |

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|------------------|--|----------|-----|------------|-----------|------------|---|
| EDC17            | Bosch common rail<br>EDC17CV54_P1074<br>(V740, V760) CAN | X        | X   |            | X         |            | Air conditioning compressor signal<br>Preheat indicator<br>Inlet preheating actuator<br>OBD indicator<br>Fault indicator<br>Replacement value for rail pressure at failure<br>Diagnostic test value<br>Engine speed<br>Broken cylinder test   |
| EDC17            | EDC17 K  | X        | X   |            | X         |            |   |
| EDC17            | EDC17 CAN  | X        | X   |            | X         |            |   |
| EDC17            | EDC17 C55  | X        | X   |            | X         |            |   |
| EDC17            | EDC17 Euro III K   | X        | X   |            | X         |            |   |
| EDC17            | EDC17 CV44 K   | X        | X   |            | X         |            | Preheat indicator<br>Gas alarm lights<br>Maintenance indicator<br>AdBlue pressure tube heating element<br>AdBlue storage tank heating<br>AdBlue 2/4-way valve<br>AdBlue return pipe heating element<br>AdBlue supply module heating device<br>AdBlue Input tube heating element<br>AdBlue heats the main relay  |
| Bosch MS6.2      | Other  | X        | X   | X          | X         |            | Intake air preheat relay test<br>Engine brake test<br>Booster Pressure Solenoid Test  |
| Bosch MS6.3      | Other  | X        | X   |            | X         |            |   |
| Bosch VECU       | Bosch VECU(CAN)  | X        | X   |            | X         |            | Brake Lamp Relay<br>Power main relay  |
| Bosch VECU       | Bosch VECU(K)  | X        | X   |            | X         |            |   |
| Bosch V50 System | KAMA   |          | X   |            | X         |            | Air conditioning compressor signal test<br>Engine speed test<br>Preheat indicator test<br>Preheat controller test<br>Close the rail pressure fluctuation revision<br>Diagnostic instrument idle speed set value<br>The rail pressure of the diagnostic tool sets the substitute value<br>Turn off injector signal test<br>Cold bypass valve control test in |

| Systems          | Diagnostic systems and protocols | ECU INFO | DTC | DTC Freeze | Data List | Actuations | Spec. Func.   |
|------------------|----------------------------------|----------|-----|------------|-----------|------------|---|
| Bosch V50 System | XinChen                          | X        | X   |            | X         |            | Air conditioning compressor signal test<br>Exhaust Gas Recirculation Actuator Test<br>Power - up time correction test<br>Preheat lamp signal test<br>Power - up time test on drum table<br>Preheat Control Test<br>OBD lamp signal test<br>Measurement Unit Actuator Test<br>System fault light signal test<br>Throttle actuator test<br>External tester test value<br>Compression test<br>The cylinder fuel injection correction output<br>The cylinder speed without PBC<br>Rail high pressure test<br>Speed test<br>Compression test 2 |
| Bosch V50 System | Great Wall Diesel System         | X        | X   |            | X         |            | ECU exhaust gas recirculation cooler bypass output test<br>Air conditioning compressor signal test<br>Close the rail pressure fluctuation revision<br>Engine speed test instruction<br>Preheat indicator test<br>Preheat Control Test<br>The rail pressure of the diagnostic tool sets the substitute value<br>Diagnostic instrument idle speed set value<br>Turn off injector signal test<br>Compression test<br>Accelerated testing<br>high-pressure test   |

| Systems               | Diagnostic systems and protocols | ECU<br>INFO | DTC | DTC<br>Freeze | Data List | Actuations | Spec. Func.   |
|-----------------------|----------------------------------|-------------|-----|---------------|-----------|------------|---|
| Bosch P607_V40 System | Other                            | X           | X   |               | X         |            | Pressurized actuator test<br>Throttle actuator test<br>ECU exhaust gas recirculation cooler bypass output test<br>Air conditioning compressor signal test<br>Exhaust Gas Recirculation Actuator Test<br>Engine speed test<br>Preheat lamp signal test<br>Preheat Control Test<br>Measurement Unit Actuator Test<br>System light signal test<br>Diagnosis of Alternative Value of Setpoint of Oil Rail Pressure<br>Cut off the cylinder signal test<br>high-pressure test<br>Accelerated testing<br>Compression test |