

# FOTONAUMAN V13.51Diagnostics List(Not:For reference only)

|             |      |        |                               |                                 | CONNECT<br>OR        | FUNCTION |      |    |     |           |                                                        |                                        |
|-------------|------|--------|-------------------------------|---------------------------------|----------------------|----------|------|----|-----|-----------|--------------------------------------------------------|----------------------------------------|
| VEHI<br>CLE | MENU | SYSTEM |                               | INFO                            |                      | RDTC     | CDTC | DS | ACT | Spec.Func | Other.Func                                             |                                        |
|             |      |        | Auman-9<br>series<br>Shenzhou | WeiChai BOSCH<br>EDC7 diesel    | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           | 1、Troubleshooting<br>guidance<br>2、Actuator test       | 1、Function<br>test                     |
|             |      |        |                               | ShangChai DENSO<br>Diesel       | [SMART<br>OBDII-16E] | √        | √    | √  | √   | √         | 1、Injector<br>compensation<br>quantity<br>2、Modify VIN | 1、Read freeze<br>frame<br>2、Modify EIN |
|             |      |        |                               | Cummins ISBe<br>engine          | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           |                                                        | Driving record                         |
|             |      |        |                               | Cummins ISBe4<br>engine         | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           |                                                        | Driving record                         |
|             |      |        |                               | Cummins ISDe<br>engine          | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           |                                                        | Service reset                          |
|             |      |        |                               | Cummins ISLe<br>engine          | [SMART<br>OBDII-16E] |          | √    | √  | √   |           |                                                        | Service reset                          |
|             |      |        |                               | Cummins<br>ISF2.8/3.8<br>engine | [SMART<br>OBDII-16E] |          | √    | √  | √   | √         |                                                        | Service reset                          |
|             |      |        | Auman-9<br>series<br>Xiongshi | WeiChai BOSCH<br>EDC7 diesel    | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           | 1、Troubleshooting<br>guidance<br>2、Actuator test       | 1、Function<br>test                     |
|             |      |        | Auman-9<br>series<br>Kunlun   | WeiChai BOSCH<br>EDC7 diesel    | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           | 1、Troubleshooting<br>guidance<br>2、Actuator test       | 1、Function<br>test                     |
|             |      |        |                               | ShangChai DENSO<br>Diesel       | [SMART<br>OBDII-16E] | √        | √    | √  | √   | √         | 1、Injector<br>compensation<br>quantity<br>2、Modify VIN | 1、Modify EIN                           |
|             |      |        | Auman-6<br>series<br>Shenzhou | WeiChai BOSCH<br>EDC7 diesel    | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           | 1、Troubleshooting<br>guidance<br>2、Actuator test       | 1、Function<br>test                     |
|             |      |        |                               | ShangChai DENSO<br>Diesel       | [SMART<br>OBDII-16E] | √        | √    | √  | √   | √         | 1、Injector<br>compensation<br>quantity<br>2、Modify VIN | 1、Read freeze<br>frame<br>2、Modify EIN |
|             |      |        |                               | Cummins ISBe<br>engine          | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           |                                                        | Driving record                         |
|             |      |        |                               | Cummins ISBe4<br>engine         | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           |                                                        | Driving record                         |
|             |      |        |                               | Cummins ISDe<br>engine          | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           |                                                        | Service reset                          |
|             |      |        |                               | Cummins ISLe<br>engine          | [SMART<br>OBDII-16E] |          | √    | √  | √   |           |                                                        | Service reset                          |
|             |      |        |                               | Cummins<br>ISF2.8/3.8<br>engine | [SMART<br>OBDII-16E] |          | √    | √  | √   | √         |                                                        | Service reset                          |
|             |      |        |                               | ShangChai DENSO<br>Diesel       | [SMART<br>OBDII-16E] | √        | √    | √  | √   | √         | 1、Injector<br>compensation<br>quantity<br>2、Modify VIN | 1、Read freeze<br>frame<br>2、Modify EIN |
|             |      |        |                               | Cummins ISBe<br>engine          | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           |                                                        | Driving record                         |

|             |      |                 |                               |                                           | CONNECT<br>OR        | FUNCTION |      |      |    |     |                                                          |                                          |
|-------------|------|-----------------|-------------------------------|-------------------------------------------|----------------------|----------|------|------|----|-----|----------------------------------------------------------|------------------------------------------|
| VEHI<br>CLE | MENU | SYSTEM          |                               |                                           |                      | INFO     | RDTC | CDTC | DS | ACT | Spec.Func                                                | Other. Func                              |
|             |      | Auman<br>series | Auman-6<br>series<br>Xiongshi | Cummins ISBe4<br>engine                   | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     |                                                          | Driving record                           |
|             |      |                 |                               | Cummins ISDe<br>engine                    | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     |                                                          | Service reset                            |
|             |      |                 |                               | Cummins ISLe<br>engine                    | [SMART<br>OBDII-16E] |          | √    | √    | √  |     |                                                          | Service reset                            |
|             |      |                 |                               | Cummins<br>ISF2. 8/3. 8<br>engine         | [SMART<br>OBDII-16E] |          | √    | √    | √  | √   |                                                          | Service reset                            |
|             |      |                 | Auman-9<br>series<br>Kunlun   | WeiChai BOSCH<br>EDC7 diesel              | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     | 1、Troubleshooting<br>guidance<br>2、Actuator test         | 1、 Function<br>test                      |
|             |      |                 |                               | ShangChai DENSO<br>Diesel                 | [SMART<br>OBDII-16E] | √        | √    | √    | √  | √   | 1、 Injector<br>compensation<br>quantity<br>2、 Modify VIN | 1、 Read freeze<br>frame<br>2、 Modify EIN |
|             |      |                 | Auman-5<br>series             | Cummins ISBe<br>engine                    | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     |                                                          | Driving record                           |
|             |      |                 |                               | Cummins ISBe4<br>engine                   | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     |                                                          | Driving record                           |
|             |      |                 |                               | Cummins ISDe<br>engine                    | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     |                                                          | Service reset                            |
|             |      |                 |                               | Cummins ISLe<br>engine                    | [SMART<br>OBDII-16E] |          | √    | √    | √  |     |                                                          | Service reset                            |
|             |      |                 |                               | Cummins<br>ISF2. 8/3. 8<br>engine         | [SMART<br>OBDII-16E] |          | √    | √    | √  | √   |                                                          | Service reset                            |
|             |      |                 |                               | Perkins BOSCH<br>diesel                   | [SMART<br>OBDII-16E] | √        | √    | √    | √  | √   |                                                          |                                          |
|             |      |                 |                               | Yuchai BOSCH<br>diesel                    | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     |                                                          |                                          |
|             |      |                 |                               | Yuchai Nanyue<br>diesel                   | [SMART<br>OBDII-16E] |          | √    | √    | √  |     |                                                          |                                          |
|             |      |                 |                               | Yuchai Witec<br>diesel                    | [weitezhuan<br>yong] |          | √    | √    | √  |     |                                                          |                                          |
|             |      |                 |                               | Yuchai Delphi<br>diesel                   | [SMART<br>OBDII-16E] |          | √    | √    | √  |     |                                                          |                                          |
|             |      |                 |                               | Yuchai Delphi<br>single pump<br>diesel I  | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     | 1、 Read freeze frame                                     |                                          |
|             |      |                 |                               | Yuchai Delphi<br>single pump<br>diesel II | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     |                                                          |                                          |
|             |      |                 |                               | Yuchai SCR<br>diesel                      | [SMART<br>OBDII-16E] |          | √    | √    | √  |     |                                                          |                                          |
|             |      |                 |                               | Yuchai<br>BOSCH_EDC16UC40<br>diesel       | [SMART<br>OBDII-16E] | √        | √    | √    | √  | √   |                                                          |                                          |
|             |      |                 |                               | Yuchai BOSCH EDC<br>diesel                | [SMART<br>OBDII-16E] | √        | √    | √    | √  | √   |                                                          |                                          |
|             |      |                 |                               | Yuchai Delphi<br>euro 3 diesel            | [SMART<br>OBDII-16E] | √        | √    | √    | √  | √   | 1、 Modify VIN<br>2、 Injector data                        | 1、 Leakage test                          |
|             |      |                 |                               | Cummins ISBe<br>engine                    | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     |                                                          | Driving record                           |
|             |      |                 |                               | Cummins ISBe4<br>engine                   | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     |                                                          | Driving record                           |
|             |      |                 |                               | Cummins ISDe<br>engine                    | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     |                                                          | Service reset                            |
|             |      |                 |                               | Cummins ISLe<br>engine                    | [SMART<br>OBDII-16E] |          | √    | √    | √  |     |                                                          | Service reset                            |

|             |      |        |                                       |                                             | CONNECT<br>OR        | FUNCTION |      |    |     |           |                                                        |                                              |
|-------------|------|--------|---------------------------------------|---------------------------------------------|----------------------|----------|------|----|-----|-----------|--------------------------------------------------------|----------------------------------------------|
| VEHI<br>CLE | MENU | SYSTEM |                                       | INFO                                        |                      | RDTc     | CDTC | DS | ACT | Spec.Func | Other. Func                                            |                                              |
|             |      |        | Auman-3<br>series                     | Cummins<br>ISF2.8/3.8<br>engine             | [SMART<br>OBDII-16E] |          | √    | √  | √   | √         |                                                        | Service reset                                |
|             |      |        |                                       | Perkins BOSCH<br>diesel                     | [SMART<br>OBDII-16E] | √        | √    | √  | √   | √         |                                                        |                                              |
|             |      |        |                                       | Perkins Nanyue<br>single pump R01<br>diesel | [SMART<br>OBDII-16E] |          | √    | √  | √   |           |                                                        |                                              |
|             |      |        |                                       | Xichai BOSCH<br>4DF3 diesel                 | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           | 1、Actuator control<br>2、ECU data<br>modification       | 1、Read freeze<br>frame<br>2、Function<br>test |
|             |      |        |                                       | Yuchai BOSCH<br>diesel                      | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           |                                                        |                                              |
|             |      |        |                                       | Yuchai Nanyue<br>diesel                     | [SMART<br>OBDII-16E] |          | √    | √  | √   |           |                                                        |                                              |
|             |      |        |                                       | Yuchai Witec<br>diesel                      | [weitezhuan<br>yong] |          | √    | √  | √   |           |                                                        |                                              |
|             |      |        |                                       | Yuchai Delphi<br>diesel                     | [SMART<br>OBDII-16E] |          | √    | √  | √   |           |                                                        |                                              |
|             |      |        |                                       | Yuchai Delphi<br>single pump<br>diesel I    | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           | 1、Read freeze frame                                    |                                              |
|             |      |        |                                       | Yuchai Delphi<br>single pump<br>diesel II   | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           |                                                        |                                              |
|             |      |        |                                       | Yuchai SCR<br>diesel                        | [SMART<br>OBDII-16E] |          | √    | √  | √   |           |                                                        |                                              |
|             |      |        |                                       | Yuchai<br>BOSCH_EDC16UC40<br>diesel         | [SMART<br>OBDII-16E] | √        | √    | √  | √   | √         |                                                        |                                              |
|             |      |        |                                       | Yuchai BOSCH<br>EDC7 diesel                 | [SMART<br>OBDII-16E] | √        | √    | √  | √   | √         |                                                        |                                              |
|             |      |        |                                       | Yuchai Delphi<br>euro 3 diesel              | [SMART<br>OBDII-16E] | √        | √    | √  | √   | √         | 1、Modify VIN<br>2、Injector data                        | 1、Leakage test                               |
|             |      |        | Auman-<br>Special<br>purpose<br>truck | WeiChai BOSCH<br>EDC7 diesel                | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           | 1、Function test<br>2、Actuator test                     | 1、<br>Troubleshooting<br>guidance            |
|             |      |        |                                       | ShangChai DENSO<br>Diesel                   | [SMART<br>OBDII-16E] | √        | √    | √  | √   | √         | 1、Injector<br>compensation<br>quantity<br>2、Modify VIN | 1、Read freeze<br>frame<br>2、Modify EIN       |
|             |      |        |                                       | Perkins BOSCH<br>diesel                     | [SMART<br>OBDII-16E] | √        | √    | √  | √   | √         |                                                        |                                              |
|             |      |        |                                       | Xichai BOSCH<br>4DF3 diesel                 | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           | 1、Actuator control<br>2、ECU data<br>modification       | 1、Read freeze<br>frame<br>2、Function<br>test |
|             |      |        |                                       | Cummins ISBe<br>engine                      | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           |                                                        | Driving record                               |
|             |      |        |                                       | Cummins ISBe4<br>engine                     | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           |                                                        | Driving record                               |
|             |      |        |                                       | Cummins ISDe<br>engine                      | [SMART<br>OBDII-16E] | √        | √    | √  | √   |           |                                                        | Service reset                                |
|             |      |        |                                       | Cummins ISLe<br>engine                      | [SMART<br>OBDII-16E] |          | √    | √  | √   |           |                                                        | Service reset                                |

|             |      |                 |  |                                                             | CONNECT<br>OR        | FUNCTION |      |      |    |     |                                                          |                                          |
|-------------|------|-----------------|--|-------------------------------------------------------------|----------------------|----------|------|------|----|-----|----------------------------------------------------------|------------------------------------------|
| VEHI<br>CLE | MENU | SYSTEM          |  |                                                             |                      | INFO     | RDTC | CDTC | DS | ACT | Spec.Func                                                | Other. Func                              |
|             |      | Auman-<br>Lovol |  | Cummins<br>ISF2. 8/3. 8<br>engine                           | [SMART<br>OBDII-16E] |          | √    | √    | √  | √   |                                                          | Service reset                            |
|             |      |                 |  | WeiChai BOSCH<br>EDC7 diesel                                | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     | 1、Troubleshooting<br>guidance<br>2、Actuator test         | 1、 Function<br>test                      |
|             |      |                 |  | ShangChai DENSO<br>Diesel                                   | [SMART<br>OBDII-16E] | √        | √    | √    | √  | √   | 1、 Injector<br>compensation<br>quantity<br>2、 Modify VIN | 1、 Read freeze<br>frame<br>2、 Modify EIN |
|             |      |                 |  | Cummins ISBe<br>engine                                      | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     |                                                          | Driving record                           |
|             |      |                 |  | Cummins ISBe4<br>engine                                     | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     |                                                          | Driving record                           |
|             |      |                 |  | Cummins ISDe<br>engine                                      | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     |                                                          | Service reset                            |
|             |      |                 |  | Cummins ISLe<br>engine                                      | [SMART<br>OBDII-16E] |          | √    | √    | √  |     |                                                          | Service reset                            |
|             |      |                 |  | Cummins<br>ISF2. 8/3. 8<br>engine                           | [SMART<br>OBDII-16E] |          | √    | √    | √  | √   |                                                          | Service reset                            |
|             |      | Aumark          |  | 4JB1T BOSCH<br>diesel                                       | [SMART<br>OBDII-16E] | √        | √    | √    | √  | √   | 1、 Injector data                                         | 1、 engine test                           |
|             |      |                 |  | Perkins BOSCH<br>diesel                                     | [SMART<br>OBDII-16E] | √        | √    | √    | √  | √   |                                                          |                                          |
|             |      |                 |  | Perkins Witec<br>single pump<br>diesel                      | [SMART<br>OBDII-16E] |          | √    | √    | √  |     |                                                          |                                          |
|             |      |                 |  | Perkins Nanyue<br>single pump R02<br>diesel                 | [SMART<br>OBDII-16E] |          | √    | √    | √  |     |                                                          |                                          |
|             |      |                 |  | Perkins-<br>Chuangyijie CNG<br>system                       | [SMART<br>OBDII-16E] | √        | √    | √    | √  | √   |                                                          |                                          |
|             |      |                 |  | WABCO ABS(air<br>brake model)                               | [SMART<br>OBDII-16E] |          | √    | √    | √  | √   |                                                          |                                          |
|             |      |                 |  | WABCO ABS                                                   | [SMART<br>OBDII-16E] |          | √    | √    | √  | √   |                                                          |                                          |
|             |      |                 |  | Zhejiang Asia-<br>Pacific<br>ABS (Hydraulic<br>brake model) | [SMART<br>OBDII-16E] |          | √    | √    | √  | √   |                                                          |                                          |
|             |      |                 |  | 491 gasoline<br>engine (Delphi<br>system—MT20U)             | [SMART<br>OBDII-16E] | √        | √    | √    | √  | √   |                                                          |                                          |
|             |      |                 |  | Cummins ISBe<br>engine                                      | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     |                                                          | Driving record                           |
|             |      |                 |  | Cummins ISBe4<br>engine                                     | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     |                                                          | Driving record                           |
|             |      |                 |  | Cummins ISDe<br>engine                                      | [SMART<br>OBDII-16E] | √        | √    | √    | √  |     |                                                          | Service reset                            |
|             |      |                 |  | Cummins ISLe<br>engine                                      | [SMART<br>OBDII-16E] |          | √    | √    | √  |     |                                                          | Service reset                            |
|             |      |                 |  | Cummins<br>ISF2. 8/3. 8<br>engine                           | [SMART<br>OBDII-16E] |          | √    | √    | √  | √   |                                                          | Service reset                            |

|                |         |        |                    |                                              | CONNECT<br>OR                          | FUNCTION          |      |      |    |     |                                                                    |                                        |                         |
|----------------|---------|--------|--------------------|----------------------------------------------|----------------------------------------|-------------------|------|------|----|-----|--------------------------------------------------------------------|----------------------------------------|-------------------------|
| VEHI<br>CLE    | MENU    | SYSTEM |                    |                                              |                                        | INFO              | RDTC | CDTC | DS | ACT | Spec.Func                                                          | Other. Func                            |                         |
| FOTONAU<br>MAN | VEHICLE |        |                    | 491 gasoline engine (Delphi system—MT20U2)   | [SMART OBDII-16E]                      | √                 | √    | √    | √  | √   | 1、Read freeze frame<br>2、Downstream diagnostic<br>3、Tooth learning |                                        |                         |
|                |         |        |                    | 491 gasoline engine (Delphi system-MT20U2_1) | [SMART OBDII-16E]                      | √                 | √    | √    | √  | √   |                                                                    |                                        |                         |
|                |         |        |                    | 491 gasoline engine (Delphi system-MT22U)    | [SMART OBDII-16E]                      | √                 | √    | √    | √  | √   |                                                                    |                                        |                         |
|                |         |        |                    | 491 gasoline engine (UAES system-M797. 1)    | [SMART OBDII-16E]                      |                   | √    | √    | √  | √   |                                                                    |                                        |                         |
|                |         |        | Light truck series | Ollin                                        | Cummins ISF2. 8/3. 8 engine            | [SMART OBDII-16E] |      | √    | √  | √   | √                                                                  |                                        | Service reset           |
|                |         |        |                    |                                              | 4JBIT BOSCH diesel                     | [SMART OBDII-16E] | √    | √    | √  | √   | √                                                                  | 1、Injector data                        | 1、engine test           |
|                |         |        |                    |                                              | Dachai BOSCH EDC16 diesel              | [SMART OBDII-16E] | √    | √    | √  | √   | √                                                                  | 1、Injector data                        | 1、engine test           |
|                |         |        |                    |                                              | Quanchai BOSCH EDC16 diesel            | [SMART OBDII-16E] | √    | √    | √  | √   | √                                                                  | 1、Injector data                        | 1、engine test           |
|                |         |        |                    |                                              | Quanchai Nanyue single pump R02 diesel | [SMART OBDII-16E] |      | √    | √  | √   |                                                                    |                                        |                         |
|                |         |        |                    |                                              | Quanchai Nanyue single pump R01 diesel | [SMART OBDII-16E] |      | √    | √  | √   |                                                                    |                                        |                         |
|                |         |        |                    |                                              | Xichai BOSCH EDC16 diesel              | [SMART OBDII-16E] | √    | √    | √  | √   | √                                                                  | 1、Read freeze frame<br>2、Actuator test | 1、System identification |
|                |         |        |                    |                                              | Chaochai BOSCH EDC16 diesel            | [SMART OBDII-16E] | √    | √    | √  | √   | √                                                                  | 1、Read freeze frame<br>2、Actuator test | 1、System identification |
|                |         |        |                    |                                              | Yangchai BOSCH EDC16 diesel            | [SMART OBDII-16E] | √    | √    | √  | √   | √                                                                  |                                        |                         |
|                |         |        |                    |                                              | Yuchai BOSCH EDC7 diesel               | [SMART OBDII-16E] | √    | √    | √  | √   | √                                                                  |                                        |                         |
|                |         |        |                    |                                              | Perkins BOSCH diesel                   | [SMART OBDII-16E] | √    | √    | √  | √   | √                                                                  |                                        |                         |
|                |         |        |                    |                                              | Perkins Witec single pump diesel       | [SMART OBDII-16E] |      | √    | √  | √   |                                                                    |                                        |                         |
|                |         |        |                    |                                              | Perkins Nanyue single pump R02 diesel  | [SMART OBDII-16E] |      | √    | √  | √   |                                                                    |                                        |                         |
|                |         |        |                    |                                              | Perkins- Chuangyijie CNG system        | [SMART OBDII-16E] | √    | √    | √  | √   | √                                                                  |                                        |                         |
|                |         |        |                    |                                              | WABCO ABS (air brake model)            | [SMART OBDII-16E] |      | √    | √  | √   | √                                                                  |                                        |                         |
|                |         |        |                    |                                              | WABCO ABS                              | [SMART OBDII-16E] |      | √    | √  | √   | √                                                                  |                                        |                         |

|             |      |                              |                      |                                                         | CONNECT<br>OR                              | FUNCTION                    |                      |      |    |     |                                                        |                                                  |                                              |
|-------------|------|------------------------------|----------------------|---------------------------------------------------------|--------------------------------------------|-----------------------------|----------------------|------|----|-----|--------------------------------------------------------|--------------------------------------------------|----------------------------------------------|
| VEHI<br>CLE | MENU | SYSTEM                       |                      |                                                         |                                            | INFO                        | RDTc                 | CDTC | DS | ACT | Spec.Func                                              | Other. Func                                      |                                              |
|             |      |                              | Forland              | Zhejiang Asia-Pacific<br>ABS (Hydraulic<br>brake model) | [SMART<br>OBDII-16E]                       |                             | ✓                    | ✓    | ✓  | ✓   |                                                        |                                                  |                                              |
|             |      |                              |                      | Huayuan Laidong<br>BOSCH EDC16                          | [SMART<br>OBDII-16E]                       | ✓                           | ✓                    | ✓    | ✓  | ✓   | 1、engine test                                          |                                                  |                                              |
|             |      |                              |                      | Xichai Nanyue<br>single pump R01                        | [SMART<br>OBDII-16E]                       |                             | ✓                    | ✓    | ✓  |     |                                                        |                                                  |                                              |
|             |      |                              |                      | 491 Gasoline                                            | [SMART<br>OBDII-16E]                       | ✓                           | ✓                    | ✓    | ✓  | ✓   |                                                        |                                                  |                                              |
|             |      |                              |                      | Engine (Delphi<br>491 Gasoline                          | [SMART<br>OBDII-16E]                       | ✓                           | ✓                    | ✓    | ✓  | ✓   |                                                        |                                                  |                                              |
|             |      |                              |                      | Engine (Delphi<br>491 gasoline                          | [SMART<br>OBDII-16E]                       | ✓                           | ✓                    | ✓    | ✓  | ✓   |                                                        |                                                  |                                              |
|             |      |                              |                      | Engine (IAFS<br>491 Gasoline                            | [SMART<br>OBDII-16E]                       | ✓                           | ✓                    | ✓    | ✓  | ✓   |                                                        |                                                  |                                              |
|             |      |                              |                      | Engine (Delphi<br>Yangguang Taike<br>System             | [SMART<br>OBDII-16E]                       |                             | ✓                    | ✓    | ✓  | ✓   |                                                        |                                                  |                                              |
|             |      |                              |                      | VE Pump System                                          | [SMART<br>OBDII-16E]                       |                             | ✓                    | ✓    | ✓  |     | 1、Read Calibrated<br>Data<br>2、Calibration<br>Function |                                                  |                                              |
|             |      |                              |                      | Dachai BOSCH<br>EDC16 diesel                            | [SMART<br>OBDII-16E]                       |                             |                      |      |    |     |                                                        |                                                  |                                              |
|             |      |                              |                      | Dachai BOSCH<br>FDC17 diesel                            | [SMART<br>OBDII-16E]                       | ✓                           | ✓                    | ✓    | ✓  |     |                                                        |                                                  |                                              |
|             |      |                              |                      | Quchai BOSCH<br>EDC16 diesel                            | [SMART<br>OBDII-16E]                       | ✓                           | ✓                    | ✓    | ✓  | ✓   | 1、Read freeze frame<br>2、engine test                   |                                                  |                                              |
|             |      |                              |                      | Xichai BOSCH<br>EDC16 diesel                            | [SMART<br>OBDII-16E]                       | ✓                           | ✓                    | ✓    | ✓  |     | 1、Read freeze frame<br>2、Actuator test                 | 1、System<br>identification                       |                                              |
|             |      |                              |                      | Perkins-<br>Chuanvillie CNC                             | [SMART<br>OBDII-16E]                       | ✓                           | ✓                    | ✓    | ✓  | ✓   |                                                        |                                                  |                                              |
|             |      |                              |                      | Perkins-BOSCH<br>EDC17CV44 (K                           | [SMART<br>OBDII-16E]                       | ✓                           | ✓                    | ✓    | ✓  | ✓   |                                                        |                                                  |                                              |
|             |      |                              |                      | WABCO ABS (air<br>brake model)                          | [SMART<br>OBDII-16E]                       |                             | ✓                    | ✓    | ✓  | ✓   |                                                        |                                                  |                                              |
|             |      |                              |                      | WABCO ABS                                               | [SMART<br>OBDII-16E]                       |                             | ✓                    | ✓    | ✓  | ✓   |                                                        |                                                  |                                              |
|             |      |                              |                      | Wabco ABS_K12<br>Versions (Anti-                        | [SMART<br>OBDII-16E]                       | ✓                           | ✓                    | ✓    | ✓  | ✓   |                                                        |                                                  |                                              |
|             |      |                              |                      | Euro V bus                                              |                                            | Yuchai BOSCH<br>EDC7 diesel | [SMART<br>OBDII-16E] | ✓    | ✓  | ✓   | ✓                                                      | ✓                                                |                                              |
|             |      | WeiChai BOSCH<br>EDC7 diesel | [SMART<br>OBDII-16E] |                                                         |                                            | ✓                           | ✓                    | ✓    | ✓  |     | 1、Troubleshooting<br>guidance<br>2、Actuator test       | 1、Function<br>test                               |                                              |
|             |      |                              |                      |                                                         | Auto-recognised<br>BOSCH diesel            | [SMART<br>OBDII-16E]        | ✓                    | ✓    | ✓  | ✓   |                                                        |                                                  |                                              |
|             |      |                              |                      |                                                         | WeiChai BOSCH<br>EDC7 diesel               | [SMART<br>OBDII-16E]        | ✓                    | ✓    | ✓  | ✓   |                                                        | 1、Troubleshooting<br>guidance<br>2、Actuator test | 1、Function<br>test                           |
|             |      |                              |                      |                                                         | Xichai BOSCH4DF3<br>diesel                 | [SMART<br>OBDII-16E]        | ✓                    | ✓    | ✓  | ✓   |                                                        | 1、Actuator control<br>2、ECU data<br>modification | 1、Read freeze<br>frame<br>2、Function<br>test |
|             |      |                              |                      |                                                         | Xichai BOSCH<br>EDC16 diesel               | [SMART<br>OBDII-16E]        | ✓                    | ✓    | ✓  | ✓   | ✓                                                      | 1、Read freeze frame<br>2、Actuator test           | 1、System<br>identification                   |
|             |      |                              |                      |                                                         | Xichai Nanyue<br>single pump R01<br>diesel | [SMART<br>OBDII-16E]        |                      | ✓    | ✓  | ✓   |                                                        |                                                  |                                              |
|             |      |                              |                      |                                                         | Yuchai BOSCH<br>diesel                     | [SMART<br>OBDII-16E]        | ✓                    | ✓    | ✓  | ✓   |                                                        |                                                  |                                              |

|             |      |               |                               | CONNECT<br>OR                              | FUNCTION                                  |                   |      |    |     |                                                  |                                                                    |                                          |
|-------------|------|---------------|-------------------------------|--------------------------------------------|-------------------------------------------|-------------------|------|----|-----|--------------------------------------------------|--------------------------------------------------------------------|------------------------------------------|
| VEHI<br>CLE | MENU | SYSTEM        |                               |                                            | INFO                                      | RDTc              | CDTC | DS | ACT | Spec.Func                                        | Other. Func                                                        |                                          |
|             |      | ROWOR         | Yuchai BOSCH_EDC16UC40 diesel | [SMART OBDII-16E]                          | ✓                                         | ✓                 | ✓    | ✓  | ✓   |                                                  |                                                                    |                                          |
|             |      |               | Yuchai BOSCH EDC7 diesel      | [SMART OBDII-16E]                          | ✓                                         | ✓                 | ✓    | ✓  | ✓   |                                                  |                                                                    |                                          |
|             |      |               | ShangChai DENSO Diesel        | [SMART OBDII-16E]                          | ✓                                         | ✓                 | ✓    | ✓  | ✓   | 1、Injector compensation quantity<br>2、Modify VIN | 1、Read freeze frame<br>2、Modify EIN                                |                                          |
|             |      |               | Cummins ISBe engine           | [SMART OBDII-16E]                          | ✓                                         | ✓                 | ✓    | ✓  |     |                                                  | Driving record                                                     |                                          |
|             |      |               | Cummins ISBe4 engine          | [SMART OBDII-16E]                          | ✓                                         | ✓                 | ✓    | ✓  |     |                                                  | Driving record                                                     |                                          |
|             |      |               | Cummins ISDe engine           | [SMART OBDII-16E]                          | ✓                                         | ✓                 | ✓    | ✓  |     |                                                  | Service reset                                                      |                                          |
|             |      |               | Cummins ISLe engine           | [SMART OBDII-16E]                          |                                           | ✓                 | ✓    | ✓  |     |                                                  | Service reset                                                      |                                          |
|             |      |               | Cummins ISF2. 8/3. 8 engine   | [SMART OBDII-16E]                          |                                           | ✓                 | ✓    | ✓  | ✓   |                                                  | Service reset                                                      |                                          |
|             |      | Foton Jones   |                               | Xichai BOSCH4DF3 diesel                    | [SMART OBDII-16E]                         | ✓                 | ✓    | ✓  | ✓   | ✓                                                | 1、Read freeze frame<br>2、Function test                             | 1、System identification<br>2、Oil balance |
|             |      | Pickup series | SAP                           | 491 gasoline engine(Delphi system-MT20U1)  | [SMART OBDII-16E]                         | ✓                 | ✓    | ✓  | ✓   | ✓                                                |                                                                    |                                          |
|             |      |               |                               | 491 gasoline engine(Delphi system-MT20U2)  | [SMART OBDII-16E]                         | ✓                 | ✓    | ✓  | ✓   | ✓                                                | 1、Read freeze frame<br>2、Downstream diagnostic<br>3、Tooth learning |                                          |
|             |      |               |                               | 491 gasoline engine(Delphi system-MT20U1)  | [SMART OBDII-16E]                         | ✓                 | ✓    | ✓  | ✓   | ✓                                                |                                                                    |                                          |
|             |      |               |                               | 491 gasoline engine(Delphi system-MT20U2)  | [SMART OBDII-16E]                         | ✓                 | ✓    | ✓  | ✓   | ✓                                                |                                                                    |                                          |
|             |      |               |                               | 491 gasoline engine(UAES)                  | [SMART OBDII-16E]                         |                   | ✓    | ✓  | ✓   | ✓                                                |                                                                    |                                          |
|             |      |               |                               | 4G69 gasoline engine(Delphi system-MT20U1) | [SMART OBDII-16E]                         | ✓                 | ✓    | ✓  | ✓   | ✓                                                |                                                                    |                                          |
|             |      |               |                               | 486 gasoline engine(UAES)                  | [SMART OBDII-16E]                         |                   | ✓    | ✓  | ✓   | ✓                                                | 1、ECU shut-off reset                                               |                                          |
|             |      |               |                               | 4JB1T BOSCH diesel                         | [SMART OBDII-16E]                         | ✓                 | ✓    | ✓  | ✓   | ✓                                                | 1、Injector data                                                    | 1、engine test                            |
|             |      |               | ChuanQi                       | 4JB1T BOSCH diesel                         | [SMART OBDII-16E]                         | ✓                 | ✓    | ✓  | ✓   | ✓                                                | 1、Injector data                                                    | 1、engine test                            |
|             |      |               | TuoLuZhe                      | 4G69 gasoline engine(Delphi system-MT20U1) | [SMART OBDII-16E]                         | ✓                 | ✓    | ✓  | ✓   | ✓                                                |                                                                    |                                          |
|             |      |               |                               | 486 gasoline engine(UAES)                  | [SMART OBDII-16E]                         |                   | ✓    | ✓  | ✓   | ✓                                                | 1、ECU shut-off reset                                               |                                          |
|             |      |               |                               | Cummins ISF2. 8/3. 8 engine                | [SMART OBDII-16E]                         |                   | ✓    | ✓  | ✓   | ✓                                                |                                                                    | Service reset                            |
|             |      |               | YuSheng                       | 4G69 gasoline engine(Delphi system-MT20U1) | [SMART OBDII-16E]                         | ✓                 | ✓    | ✓  | ✓   | ✓                                                |                                                                    |                                          |
|             |      |               |                               |                                            | 491 gasoline engine(Delphi system-MT20U2) | [SMART OBDII-16E] | ✓    | ✓  | ✓   | ✓                                                | ✓                                                                  |                                          |

|             |      |                  |                      | CONNECT<br>OR                               | FUNCTION          |      |      |    |     |           |                                                                    |               |
|-------------|------|------------------|----------------------|---------------------------------------------|-------------------|------|------|----|-----|-----------|--------------------------------------------------------------------|---------------|
| VEHI<br>CLE | MENU | SYSTEM           |                      |                                             | INFO              | RDTC | CDTC | DS | ACT | Spec.Func | Other. Func                                                        |               |
|             |      | SUV series       |                      | 491 gasoline engine (Delphi system-MT20U2)  | [SMART OBDII-16E] | ✓    | ✓    | ✓  | ✓   | ✓         | 1、Read freeze frame<br>2、Downstream diagnostic<br>3、Tooth learning |               |
|             |      |                  |                      | 491 gasoline engine (Delphi system-MT20U2)  | [SMART OBDII-16E] | ✓    | ✓    | ✓  | ✓   | ✓         |                                                                    |               |
|             |      |                  |                      | 491 gasoline engine (Delphi system-MT20U2)  | [SMART OBDII-16E] | ✓    | ✓    | ✓  | ✓   | ✓         |                                                                    |               |
|             |      |                  |                      | 491 gasoline engine (UAES system-MT20U2)    | [SMART OBDII-16E] |      | ✓    | ✓  | ✓   | ✓         |                                                                    |               |
|             |      |                  |                      | 4G63 gasoline engine (Delphi system-MT20U2) | [SMART OBDII-16E] | ✓    | ✓    | ✓  | ✓   | ✓         | 1、Read freeze frame<br>2、Downstream diagnostic<br>3、Tooth learning |               |
|             |      |                  |                      | 4G63 gasoline engine (Delphi system-MT20U2) | [SMART OBDII-16E] | ✓    | ✓    | ✓  | ✓   | ✓         |                                                                    |               |
|             |      |                  |                      | 4G64 gasoline engine (Delphi system-MT20U2) | [SMART OBDII-16E] | ✓    | ✓    | ✓  | ✓   | ✓         | 1、Read freeze frame<br>2、Downstream diagnostic<br>3、Tooth learning |               |
|             |      |                  |                      | 4G64 gasoline engine (Delphi system-MT20U2) | [SMART OBDII-16E] | ✓    | ✓    | ✓  | ✓   | ✓         |                                                                    |               |
|             |      |                  |                      | 4JB1T BOSCH diesel                          | [SMART OBDII-16E] | ✓    | ✓    | ✓  | ✓   | ✓         | 1、Injector data                                                    | 1、engine test |
|             |      |                  |                      | 486 gasoline engine (UAES system-MT20U2)    | [SMART OBDII-16E] |      | ✓    | ✓  | ✓   | ✓         | 1、ECU shut-off reset                                               |               |
|             |      | Light bus series | MP-X Mongolia Parker | 4G63 gasoline engine (Delphi system-MT20U2) | [SMART OBDII-16E] | ✓    | ✓    | ✓  | ✓   | ✓         | 1、Read freeze frame<br>2、Downstream diagnostic<br>3、Tooth learning |               |
|             |      |                  |                      | 4G63 gasoline engine (Delphi system-MT20U2) | [SMART OBDII-16E] | ✓    | ✓    | ✓  | ✓   | ✓         |                                                                    |               |
|             |      |                  |                      | 4G64 gasoline engine (Delphi system-MT20U2) | [SMART OBDII-16E] | ✓    | ✓    | ✓  | ✓   | ✓         | 1、Read freeze frame<br>2、Downstream                                |               |
|             |      |                  |                      | 4G64 gasoline engine (Delphi system-MT20U2) | [SMART OBDII-16E] | ✓    | ✓    | ✓  | ✓   | ✓         |                                                                    |               |
|             |      |                  |                      | 4JB1T BOSCH diesel                          | [SMART OBDII-16E] | ✓    | ✓    | ✓  | ✓   | ✓         | 1、Injector data                                                    | 1、engine test |
|             |      |                  |                      | SRS-Joylong                                 | [SMART OBDII-16E] |      | ✓    | ✓  | ✓   |           |                                                                    |               |
|             |      |                  |                      | 486 gasoline engine (UAES system-MT20U2)    | [SMART OBDII-16E] |      | ✓    | ✓  | ✓   | ✓         | 1、ECU shut-off reset                                               |               |
|             |      |                  |                      | 491 gasoline engine (Delphi system-MT20U2)  | [SMART OBDII-16E] | ✓    | ✓    | ✓  | ✓   | ✓         |                                                                    |               |
|             |      |                  | Futian scenery       | 491 gasoline engine (Delphi system-MT20U2)  | [SMART OBDII-16E] | ✓    | ✓    | ✓  | ✓   | ✓         | 1、Read freeze frame<br>2、Downstream                                |               |
|             |      |                  |                      | 491 gasoline engine (Delphi system-MT20U2)  | [SMART OBDII-16E] | ✓    | ✓    | ✓  | ✓   | ✓         |                                                                    |               |
|             |      |                  |                      | 491 gasoline engine (Delphi system-MT20U2)  | [SMART OBDII-16E] | ✓    | ✓    | ✓  | ✓   | ✓         |                                                                    |               |
|             |      |                  |                      | 491 gasoline engine (UAES system-MT20U2)    | [SMART OBDII-16E] |      | ✓    | ✓  | ✓   | ✓         |                                                                    |               |
|             |      |                  |                      | 4JB1T BOSCH diesel                          | [SMART OBDII-16E] | ✓    | ✓    | ✓  | ✓   | ✓         | 1、Injector data                                                    | 1、engine test |

|             |      |                                   |                                         | CONNECT<br>OR                              | FUNCTION             |      |                      |    |     |           |                                                                       |                                        |
|-------------|------|-----------------------------------|-----------------------------------------|--------------------------------------------|----------------------|------|----------------------|----|-----|-----------|-----------------------------------------------------------------------|----------------------------------------|
| VEHI<br>CLE | MENU | SYSTEM                            |                                         |                                            | INFO                 | RDTC | CDTC                 | DS | ACT | Spec.Func | Other. Func                                                           |                                        |
|             |      | OBD                               |                                         | 4G64 engine<br>(DELPHI Europe<br>III_EOBD) | [SMART<br>OBDII-16E] | ✓    | ✓                    | ✓  | ✓   | ✓         | 1、Read freeze frame<br>2、Downstream<br>diagnostic<br>3、Tooth learning |                                        |
|             |      |                                   |                                         | engine (Bosch<br>Diesel)                   | [SMART<br>OBDII-16E] | ✓    | ✓                    | ✓  | ✓   | ✓         | 1、Read freeze frame<br>2、engine test<br>3、Injector data               |                                        |
|             |      |                                   |                                         | Delphi OBD                                 | [SMART<br>OBDII-16E] | ✓    | ✓                    | ✓  | ✓   | ✓         |                                                                       |                                        |
|             |      |                                   |                                         | Uase OBD                                   | [SMART<br>OBDII-16E] |      | ✓                    | ✓  | ✓   | ✓         |                                                                       |                                        |
|             |      |                                   |                                         | engine (UAES)                              | [SMART<br>OBDII-16E] |      | ✓                    | ✓  | ✓   | ✓         | 1、Parameter<br>adjustment                                             |                                        |
|             |      |                                   |                                         | 4JB1T BOSCH<br>diesel                      | [SMART<br>OBDII-16E] | ✓    | ✓                    | ✓  | ✓   | ✓         | 1、Injector data                                                       | 1、engine test                          |
|             |      | PU201                             | engine<br>system                        | M7                                         | [SMART<br>OBDII-16E] | ✓    | ✓                    | ✓  | ✓   | ✓         |                                                                       |                                        |
|             |      |                                   |                                         | ME7                                        | [SMART<br>OBDII-16E] | ✓    | ✓                    | ✓  | ✓   | ✓         |                                                                       |                                        |
|             |      |                                   | Airbag<br>system                        | Airbag<br>system (Continent<br>al)         | [SMART<br>OBDII-16E] | ✓    | ✓                    | ✓  | ✓   | ✓         | 1、ECU reset                                                           |                                        |
|             |      |                                   |                                         | H4                                         | Body<br>system       | CBCU | [SMART<br>OBDII-16E] | ✓  | ✓   | ✓         | ✓                                                                     | ✓                                      |
|             |      | Auto-recognised BOSCH diesel      |                                         |                                            | [SMART<br>OBDII-16E] | ✓    | ✓                    | ✓  | ✓   |           |                                                                       |                                        |
|             |      | Weichai BOSCH EDC7 diesel         |                                         |                                            | [SMART<br>OBDII-16E] | ✓    | ✓                    | ✓  | ✓   |           | 1、Troubleshooting<br>guidance<br>2、Actuator test                      | 1、Function<br>test                     |
|             |      | Shangchai DENSO diesel            |                                         |                                            | [SMART<br>OBDII-16E] | ✓    | ✓                    | ✓  | ✓   | ✓         | 1、Injector<br>compensation<br>quantity<br>2、Modify VIN                | 1、Read freeze<br>frame<br>2、Modify EIN |
|             |      | Cummins diesel                    | Cummins ISBe<br>engine                  | [SMART<br>OBDII-16E]                       | ✓                    | ✓    | ✓                    | ✓  |     |           |                                                                       | Driving record                         |
|             |      |                                   | Cummins ISBe4<br>engine                 | [SMART<br>OBDII-16E]                       | ✓                    | ✓    | ✓                    | ✓  |     |           |                                                                       | Driving record                         |
|             |      |                                   | Cummins ISDe<br>engine                  | [SMART<br>OBDII-16E]                       | ✓                    | ✓    | ✓                    | ✓  |     |           |                                                                       | Service reset                          |
|             |      |                                   | Cummins ISLe<br>engine                  | [SMART<br>OBDII-16E]                       |                      | ✓    | ✓                    | ✓  |     |           |                                                                       | Service reset                          |
|             |      |                                   | Cummins<br>ISF2.8/3.8<br>engine         | [SMART<br>OBDII-16E]                       |                      | ✓    | ✓                    | ✓  | ✓   |           |                                                                       | Service reset                          |
|             |      |                                   | Perkins diesel                          | Perkins BOSCH<br>diesel                    | [SMART<br>OBDII-16E] | ✓    | ✓                    | ✓  | ✓   | ✓         | ✓                                                                     |                                        |
|             |      | Perkins Nanyue<br>single pump P01 |                                         | [SMART<br>OBDII-16E]                       |                      | ✓    | ✓                    | ✓  |     |           |                                                                       |                                        |
|             |      | Perkins Nanyue<br>single pump P02 |                                         | [SMART<br>OBDII-16E]                       |                      | ✓    | ✓                    | ✓  |     |           |                                                                       |                                        |
|             |      | Perkins Witec<br>single pump      |                                         | [SMART<br>OBDII-16E]                       |                      | ✓    | ✓                    | ✓  |     |           |                                                                       |                                        |
|             |      | Perkins-<br>Chuangyijia CNC       |                                         | [SMART<br>OBDII-16E]                       | ✓                    | ✓    | ✓                    | ✓  | ✓   |           |                                                                       |                                        |
|             |      |                                   |                                         | Yuchai BOSCH<br>diesel                     | [SMART<br>OBDII-16E] | ✓    | ✓                    | ✓  | ✓   |           |                                                                       |                                        |
|             |      |                                   | Yuchai Nanyue<br>diesel                 | [SMART<br>OBDII-16E]                       |                      | ✓    | ✓                    | ✓  |     |           |                                                                       |                                        |
|             |      |                                   | Yuchai<br>Nanyue (HAI) monom<br>er pump | [SMART<br>OBDII-16E]                       |                      | ✓    | ✓                    | ✓  |     |           |                                                                       |                                        |
|             |      |                                   | Yuchai Witec<br>diesel                  | [weitezhuan<br>yong]                       |                      | ✓    | ✓                    | ✓  |     |           |                                                                       |                                        |

| VEHICLE     | MENU | SYSTEM                                         |                                      | CONNECTOR         | FUNCTION |       |       |    |     |                                               |                                        |
|-------------|------|------------------------------------------------|--------------------------------------|-------------------|----------|-------|-------|----|-----|-----------------------------------------------|----------------------------------------|
|             |      |                                                |                                      |                   | INFO     | RDTCT | CDTCT | DS | ACT | Spec.Func                                     | Other. Func                            |
| engine type |      | Yuchai diesel                                  | Yuchai Delphi diesel                 | [SMART OBDII-16E] |          | ✓     | ✓     | ✓  |     |                                               |                                        |
|             |      |                                                | Yuchai Delphi single pump diesel I   | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  |     | 1、Read freeze frame                           |                                        |
|             |      |                                                | Yuchai Delphi single pump diesel II  | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  |     |                                               |                                        |
|             |      |                                                | Yuchai SCR diesel                    | [SMART OBDII-16E] |          | ✓     | ✓     | ✓  |     |                                               |                                        |
|             |      |                                                | Yuchai BOSCH EDC16UC40 diesel        | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  | ✓   |                                               |                                        |
|             |      |                                                | Yuchai BOSCH EDC7 diesel             | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  | ✓   |                                               |                                        |
|             |      |                                                | Yuchai Delphi euro 3 diesel          | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  | ✓   | 1、Modify VIN<br>2、Injector data               | 1、Leakage test                         |
|             |      | Xichai diesel                                  | Xichai BOSCH 4DF3 diesel             | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  |     | 1、Actuator control<br>2、ECU data modification | 1、Read freeze frame<br>2、Function test |
|             |      |                                                | Xichai BOSCH EDC16 diesel            | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  | ✓   | 1、Read freeze frame<br>2、Actuator test        | 1、System identification                |
|             |      |                                                | Xichai Nanyue single pump R01 diesel | [SMART OBDII-16E] |          | ✓     | ✓     | ✓  |     |                                               |                                        |
|             |      | 4JB1T BOSCH diesel                             |                                      | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  | ✓   | 1、Injector data                               | 1、engine test                          |
|             |      | Quanchai diesel                                | Quanchai BOSCH EDC16 diesel          | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  | ✓   | 1、Injector data                               | 1、engine test                          |
|             |      |                                                | Quanchai Nanyue single pump R02      | [SMART OBDII-16E] |          | ✓     | ✓     | ✓  |     |                                               |                                        |
|             |      |                                                | Quanchai Nanyue single pump R01      | [SMART OBDII-16E] |          | ✓     | ✓     | ✓  |     |                                               |                                        |
|             |      | Chaochai BOSCH EDC16 diesel                    |                                      | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  | ✓   | 1、Read freeze frame<br>2、Actuator test        | 1、System identification                |
|             |      | Yangchai BOSCH EDC16 diesel                    |                                      | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  | ✓   |                                               |                                        |
|             |      | Huayuan Laidong BOSCH EDC16 diesel             |                                      | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  | ✓   | 1、engine test                                 |                                        |
|             |      | Dachai BOSCH EDC16 diesel                      |                                      | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  | ✓   | 1、Injector data                               | 1、engine test                          |
|             |      | Yangguang Taike System                         |                                      | [SMART OBDII-16E] |          | ✓     | ✓     | ✓  | ✓   |                                               |                                        |
|             |      | VE Pump System                                 |                                      | [SMART OBDII-16E] |          | ✓     | ✓     | ✓  |     | 1、Read Calibrated Data<br>2、Calibration       |                                        |
|             |      | Dachai BOSCH EDC17C55 diesel                   |                                      | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  |     |                                               |                                        |
|             |      | Quanchai BOSCH EDC16C39 diesel                 |                                      | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  | ✓   | 1、Read freeze frame<br>2、engine test          |                                        |
|             |      | Xichai BOSCH EDC16UC40 diesel                  |                                      | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  |     |                                               |                                        |
|             |      | Perkins-BOSCH EDC17CV44(K line) diesel         |                                      | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  | ✓   |                                               |                                        |
|             |      | Wabco ABS_K12 versions(Anti-lock Brake System) |                                      | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  | ✓   |                                               |                                        |
|             |      | LianDianM7                                     |                                      | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  | ✓   |                                               |                                        |
|             |      | LianDianME7                                    |                                      | [SMART OBDII-16E] | ✓        | ✓     | ✓     | ✓  | ✓   |                                               |                                        |

(\*):Tested;

(?):Manual on website([www.x431.com](http://www.x431.com))

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|             |      |        | CONNECT<br>OR | FUNCTION |     |      |    |     |           |             |
|-------------|------|--------|---------------|----------|-----|------|----|-----|-----------|-------------|
| VEHI<br>CLE | MENU | SYSTEM |               | INFO     | RDC | CDTC | DS | ACT | Spec.Func | Other. Func |

|                                                    |                                                   |                               |
|----------------------------------------------------|---------------------------------------------------|-------------------------------|
| CONNECTOR                                          | <b>Heavy Duty(980390*****)</b>                    | Heavy Duty (980391*****)      |
| [SMART OBDII-16]                                   | [SMART OBDII-16]                                  | [SMART OBDII-16E]             |
| [OBD 6&9]                                          | [OBD 6&9]                                         | [SMART OBDII-16E]             |
| [DIESEL-16]                                        | [DIESEL-16]                                       | [SMART OBDII-16E]             |
| Witec special diagnostic connector+[R16-<br>OBD16] | Witec special diagnostic<br>connector+[R16-OBD16] | [SMART OBDII-16E]+[R16-OBD16] |
| Witec special diagnostic<br>connector+[DIESEL-4]   | Witec special diagnostic<br>connector+[DIESEL-4]  | [SMART OBDII-16E]+[DIESEL-4]  |