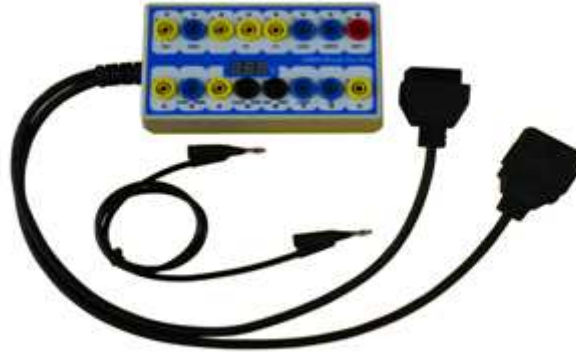


# **OBDII**

# **User**

# **Manual**

## I. BRIEF



OBDII Protocol Detector & Break Out Box is our latest R & D automotive fault diagnostic tools. It's mainly used for changing automotive diagnostic OBD stitch to signal judgment level transfer. It can connect with any diagnostic instruments and judge whether car communication is normal. Also it can supply car power during replacing the battery , in order to prevent the body electrical equipment locked automatically.

## II. FEATURES

1. Test and find out the connection fault of OBD2 interface when using the tool.
2. Monitor OBD interface voltage and ground wire so that it can display low voltage and fault diagnose stitch.
3. Used for OBD interface signal jumping and quickly test if every diagnostic stitch communication of OBD diagnostic interface is OK.
4. Save automotive data and prevent automotive data losing and electric device locking.

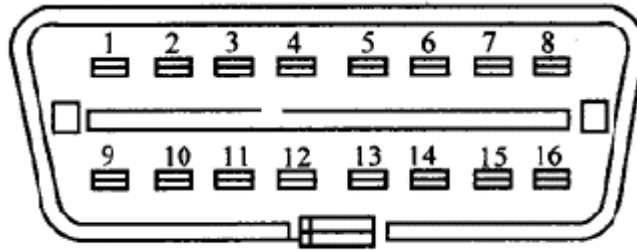
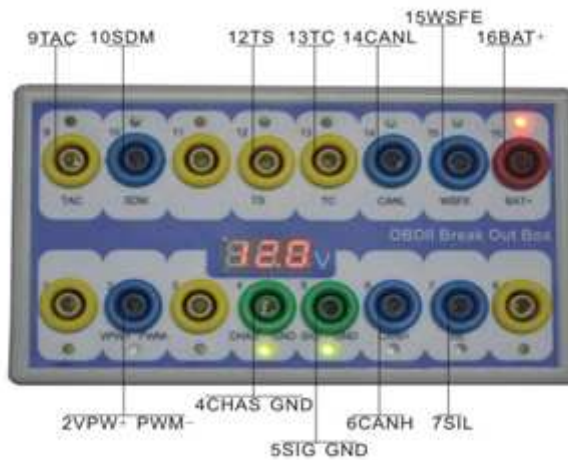


图 1 OBD-II 诊断座



1. Manufactory custom
2. SJE1850 wire<bus+>
3. Manufactory custom
4. Power grounding
5. Signal grounding
6. SAEJ2284 《CAN》 high
7. ISO9141-2&iso, DIS4230-4K wire
8. Manufactory custom
9. Manufactory custom
10. SJE1850 wire 《bus->
11. Manufactory custom
12. Manufactory custom
13. Manufactory custom
14. SAEJ2284 《CAN》 low
15. ISO9141-2 & ISO/DIS 4230-4L wire
16. Car battery positive

### III. ACTUALLY TESTING INSTRUCTIONS



1. In series connect OBD signal adaptor and car fault diagnostic tester. It supplies power normally if its storage battery voltage LED displays more than 10V and NO.16, NO4 or NO.5 LED light. It's shortage of storage battery voltage if less than 10V. None of LED turning light means that there is something wrong with the diagnostic holder power suppling, then check whether abnormal with the holder and storage battery voltage.



2. The communication signal LED will turn light during testing (Egg: NO. 7 wire signal). The testing of NO.7 pin is normal when LED flash,it means communicate normally.



3.The car diagnostic communication is NO. 15 wire but diagnostic tool is NO. 7 wire, it can't test car in normal. OBD adaptor can connect NO.7 wire and NO.15 wire. When it test, NO.7 and NO.15 LED will turn light and flash. It can normally test.

#### IV. REPLAY CAR STORAGE BATTERY



1. Connect the OBD signal adaptor and the car diagnostic holder, NO. 4 and NO.6 LED light,with 12V.
2. Supplying power to NO.4 negative pin and NO.6 positive pin. Then the OBD adaptor can supply power to the car through diagnostic holder positive and negative, to prevent car data losing and audio locking.
3. Remove the car battery.
4. Swift off the power and OBD adaptor in order to finish battery changing.

#### V. SERVICE PERMISSION

<b>Service Commitment</b>	1. One year warranty, any quality problems within one year, free maintenance, except the human way.
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