
TDB014 OBD PORT TESTER
OPERATING MANUAL



The Diagnostic **BOX**.com

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INTRODUCTION

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TDB014 OBD Port Tester

The OBD Port Tester connects to a vehicles OBDII / EOBD connector and lets you easily diagnose electrical faults.

- Instantly check power and ground circuits
- Identify communication link protocols
- Monitor battery voltage with display

The TDB014 enables you to make sure that the OBD port wiring has not been tampered with, as many owners are disconnecting the wires, swapping wires around and even cutting the OBD port out.

GENERAL OPERATION

LED INFORMATION

RED LED's

(Pin 16) - automatically turns-on as soon as you plugged into the OBD Port.

RED LEDs dim when:

- Low battery voltage.(below 12V)
- Wiring to DLC pin 16 is faulty
- Grounds circuits have high resistance issues

GREEN LED's

(Pins 4 and 5) - automatically turn-on as soon as you plugged into DLC.

Ground LED's (Pin 4 and 5) is connected to battery voltage through pin 16. Therefore, a ground supply on pin 4 will not affect LED 5. A dim single green LED will indicate a circuit problem with the corresponding circuit.

BLUE LEDs

(Pins 2, 6, 7 and 10) - LEDs should flash when serial data voltage pulses are present in the data line.

YELLOW LEDs

(Pins 1, 3, 8, 9, 11, 12, and 13) - these should flash when your vehicle uses either one on the pins for any function. These depend on the make, model and year. Please see list of pins used on page 6.

VEHICLE TESTING

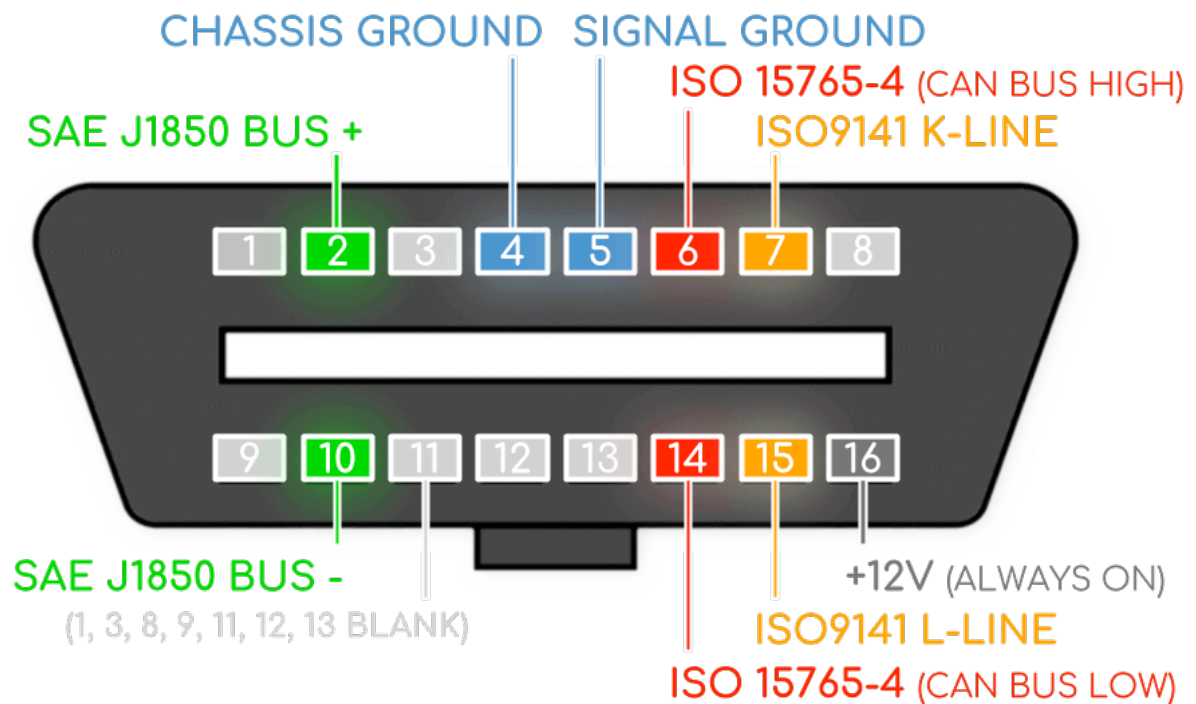


CONNECT TDB014 TO
DIAGNOSTIC PORT

CHECK TO SEE
VOLTAGE AND LED
OPERATION.

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SPECIFICATION

| | |
|---------------------------|-------------------------|
| MAXIMUM INPUT VOLTAGE | 18 VOLTS |
| MINIMUM INPUT VOLTAGE | 6 VOLTS |
| CONTINUOUS CURRENT RATING | 1 AMP |
| TEMPERATURE RANGE | 0 TO 50 DEGREES CELSIUS |
| DIMENSIONS | 85mm x 45mm x 25mm |
| WEIGHT | 60 grams |

CONTACT INFORMATION

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DECLARATION of CONFORMITY

DECLARATION OF CONFORMITY

Manufacturer's Name: The Diagnostic Box

Manufacturer's Address: Diagnostic Box House
Unit 8, Fairfield Meadow
Orchard Way
Chillington
Kingsbridge
Devon
TQ7 2LB
United Kingdom

Product Name: OBD Port Testerr

Product Model: TDB014

Conforms to: Specifications
EN 55022:1998, A1: 2000 + A2: 2003
EN 55024:1998, A1: 2001 + A2: 2003
EMC Directive: 204/108/EEC
Product conforms to class A emission standards

Folc 

Signed : G CHAMBERS

Signed on behalf of The Diagnostic Box

