

FEATURES

- Work with all OBD II compliant vehicles
- Multiple languages available
- Large screen and light weight
- Viewing freeze frame data
- Retrieving I/M readiness status
- Viewing vehicle information

RS PRO AUTO DIAGNOSTIC SCANNER

RS Stock No.: 2436270



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

- *On-Board Diagnostics (OBD) II*

The first generation of On-Board Diagnostics (called OBD I) was developed by the California Air Resources Board (ARB) and implemented in 1988 to monitor some of the emission control components on vehicles. As technology evolved and the desire to improve the On-Board Diagnostic system increased, a new generation of On-Board Diagnostic system was developed. This second generation of On-Board Diagnostic regulations is called "OBD II".

The OBD II system is designed to monitor emission control systems and key engine components by performing either continuous or periodic tests of specific components and vehicle conditions. When a problem is detected, the OBD II system turns on a warning lamp (MIL) on the vehicle instrument panel to alert the driver typically by the phrase of "Check Engine" or "Service Engine Soon". The system will also store important information about the detected malfunction so that a technician can accurately find and fix the problem. Here below follow three pieces of such valuable information:

- 1) Whether the Malfunction Indicator Light (MIL) is commanded 'on' or 'off';*
- 2) Which, if any, Diagnostic Trouble Codes (DTCs) are stored;*
- 3) Readiness Monitor status.*

- *Diagnostic Trouble Codes(DTCs)*

OBD II Diagnostic Trouble Codes are codes that are stored by the On-Board computer diagnostic system in response to a problem found in the vehicle. These codes identify a particular problem area and are intended to provide you with a guide as to where a fault might be occurring within a vehicle. OBD II Diagnostic Trouble Codes consist of a five-digit alphanumeric code. The first character, a letter, identifies which control system sets the code. The other four characters, all numbers, provide additional information on where the DTC originated and the operating conditions that caused it to set.

- *Vehicle Coverage*

2436270 OBDII/EOBD Code reader is specially designed to work with all OBD II compliant vehicles, including those equipped with the next-generation protocol -- Control Area Network

(CAN). It is required by EPA that all 1996 and newer vehicles (cars and light trucks) sold in the United States must be OBD II compliant and this includes all Domestic, Asian and European vehicles.

A small number of 1994 and 1995 model year gasoline vehicles are OBD II compliant. To verify if a 1994 or 1995 vehicle is OBD II compliant, check the Vehicle Emissions Control information (VECI) Label which is located under the hood or by the radiator of most vehicles. If the vehicle is OBD II compliant, the label will designate "OBD II Certified".

Additionally, Government regulations mandate that all OBD II compliant vehicles must have a "common" sixteen-pin Data Link Connector(DLC).

For your vehicle to be OBD II compliant it must have a 16-pin DLC (Data Link Connector) under the dash and the vehicle Emission Control Information Label must state that the vehicle is OBD II compliant.

General Specifications

Specifications	2436270
Language	English, Chinese, French, German, Dutch, Spanish Default: English
Interface	OBD II standard
LCD display	backlit, 128*64 pixel display
Operating Temperature	0 to 60°C (32 to 140 F°)
Storage Temperature	-20 to 70°C(-4 to 158 F°)
Power	8 to 18 Volts provided via vehicle battery
Dimensions	Length: 110.3mm (4.34") Width: 69.5mm (2.74") Height: 20.2mm (0.80")
Weight	0.18KG (0.39 lb)

Approvals

Compliance/Certifications	CE 、 FCC
Declarations	ROHS

Dimension



Using the Code Reader

1、 Tool Description



- ① **OBD II CONNECTOR** -- Connects the code reader to the vehicle's Data Link Connector(DLC).
- ② **LCD DISPLAY** -- Indicates test results.
- ③ **ENTER/EXIT BUTTON** -- Confirms a selection (or action) from a menu list, or returns to previous menu.
- ④ **SCROLL BUTTON** -- Scrolls through menu items. It is also used to enter system setup menu when pressed.

2. Diagnostic Trouble Codes(DTCs)

