

1. Product Introduction

V600 is a multi-functional vehicle fault diagnosis instrument that supports nine OBD II/EODB standard protocols. It supports plug and play, can quickly read the vehicle fault information and vehicle parameters. It is a more comprehensive fault diagnosis instrument. Please read the product manual carefully before using this product. Thank you.

2. Notes

- ⚠️ **1)** Do not use abrasive cleaners to clean this product
- ⚠️ **2)** Do not allow this product to be heated or close to fire sources
- ⚠️ **3)** Do not expose the product to direct sunlight for a long time
- ⚠️ **4)** Do not attempt to disassemble this product to make any modifications
- ⚠️ **5)** Do not use this product in rain
- ⚠️ **6)** Store in a dry environment to avoid extreme temperatures and dust

3. Introduction to Product Appearance and Function Keys



3.1 Button Description

- ① **Connection Line:** Connect vehicle OBD interface
- ② **Display Screen:** 2.8" color, 240×320
- ③ **Red Light:** Fault code read
- ④ **Orange Light:** Connection fails
- ⑤ **Green Light:** Connection successful
- ⑥ **Quick Read:** Read current fault code
- ⑦ **Direction Keys:** Up/down/left/right
- ⑧ **Confirmation:** Confirm selection
- ⑨ **Back/Exit:** Return or exit
- ⑩ **I/M Ready:** I/M ready state

4.1 Product Parameters

Working Voltage	DC 9 ~ 16V
Operating Current	37mA ~ 57mA
Operating Environment	-20 ~ 60°C
Storage Temperature	-20 ~ 60°C
Overall Dimensions	178 × 90 × 26 mm

4.2 Product Fittings

- Main Unit × 1
- Instructions × 1

4.3 Support Agreements (9 Protocols)

- 1. SAE J1850 PWM (41.6Kbaud)
- 2. SAE J1850 VPW (10.4Kbaud)
- 3. ISO 9141-2 (5 baud init, 10.4Kbaud)
- 4. ISO 14230-4 KWP (5 baud init, 10.4 Kbaud)
- 5. ISO 14230-4 KWP (fast init, 10.4 Kbaud)
- 6. ISO 15765-4 CAN (11bit ID, 500 Kbaud)
- 7. ISO 15765-4 CAN (29bit ID, 500 Kbaud)
- 8. ISO 15765-4 CAN (11bit ID, 250 Kbaud)
- 9. ISO 15765-4 CAN (29bit ID, 250 Kbaud)

4.4 Main Functions (14 Functions)

- 1. 9 OBD II/EODB protocols
- 2. Read engine fault code
- 3. Clear engine fault code
- 4. Vehicle fault freeze frame
- 5. I/M ready state
- 6. Vehicle information
- 7. Automobile data flow
- 8. Battery voltage reading
- 9. Mode 6 detection
- 10. Oxygen sensor test
- 11. Mode 8 detection
- 12. Fault code query
- 13. Cloud print
- 14. DTC solution

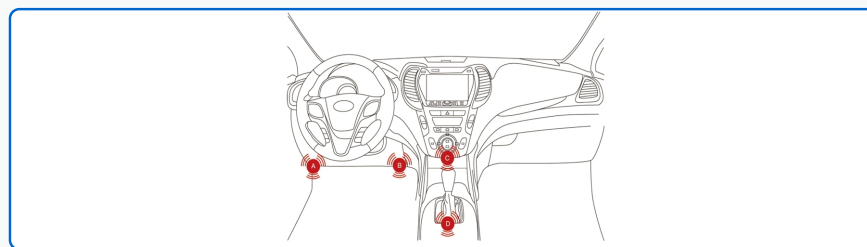
Support 11 languages: English, German, French, Spanish, Italian, Russian, Dutch, Polish, Chinese, Japanese, Portuguese

DTC Solution Feature

Partial faults equipped with maintenance guidance. If Solution background is highlighted, press OK to enter and view repair solutions

5. Automobile Inspection

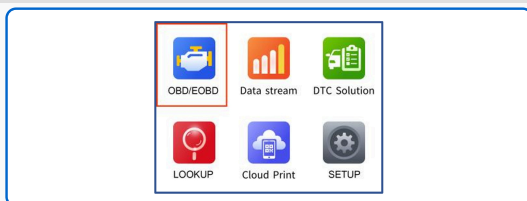
Find the special OBD interface for cars. Positions of OBD interfaces differ by model (usually in lower left dashboard, above accelerator pedal). Start the vehicle after insertion.



Various locations

6.1 Test Main Menu

After connecting vehicle, enter main page, select "OBD/EODB" menu, press OK key. This menu has 9 test functions, use direction function keys to move and select.



Main Menu



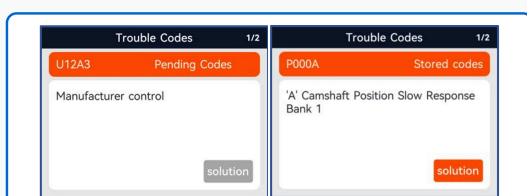
Major Functions

6.1.1 Code Reading

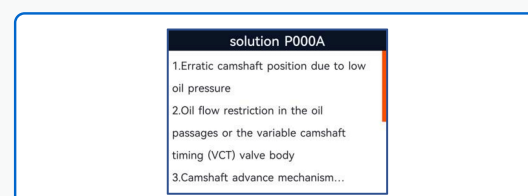
Select code reading function, product will diagnose automobile engine system. If vehicle has engine fault, fault code and fault definition will be read. If multiple fault codes, use up/down/left/right buttons to turn pages. Press "ESC" to return.

Maintenance Guidance:

Partial faults are equipped with maintenance guidance. If Solution background is highlighted, press OK to enter and view repair solutions



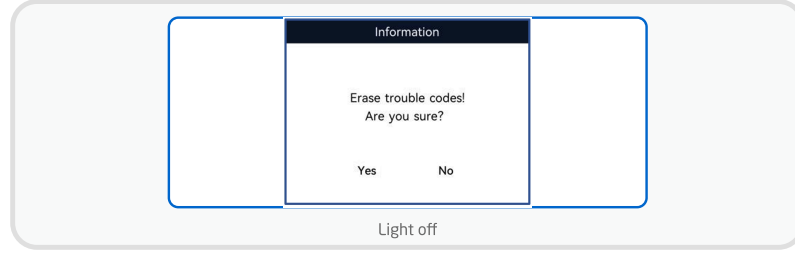
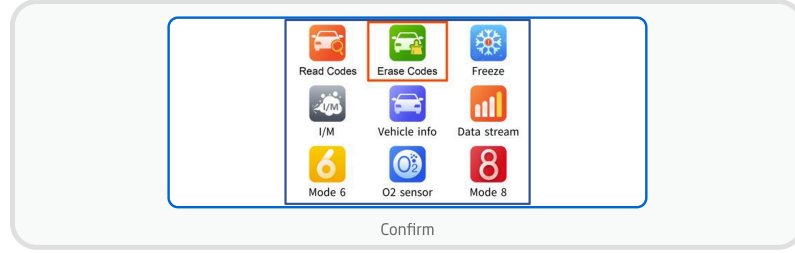
Code Detail



Solution Detail

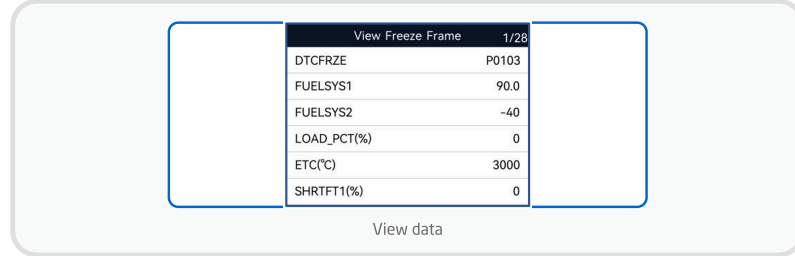
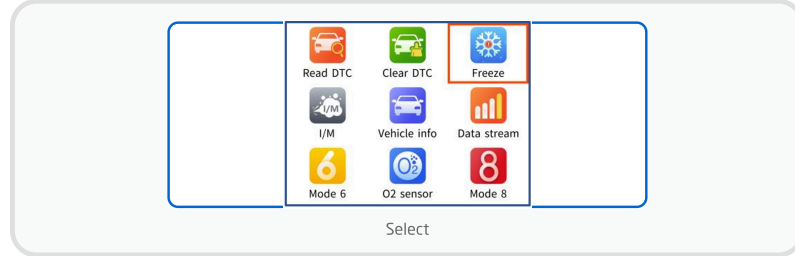
6.1.2 Clear Code (Erase Codes)

Select "Erase Codes" and confirmation message will appear. After confirming fault code is cleared, vehicle engine fault light will go out and code cleared successfully. If clearing fails, it can be cleared when engine is powered off.



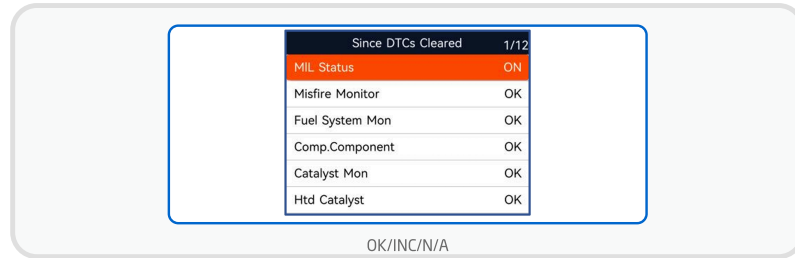
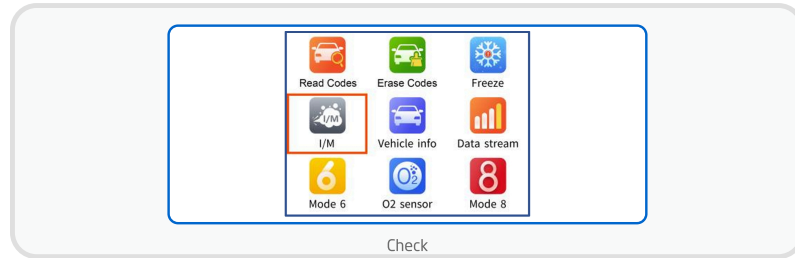
6.1.3 Freeze Frame

Freeze frame refers to snapshot data automatically recorded by automobile computer when emission system has fault code. Good function to help determine cause of fault.



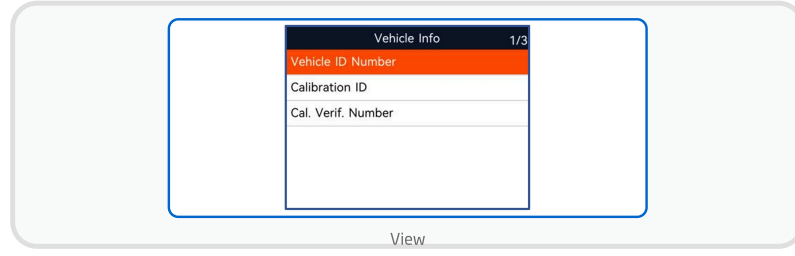
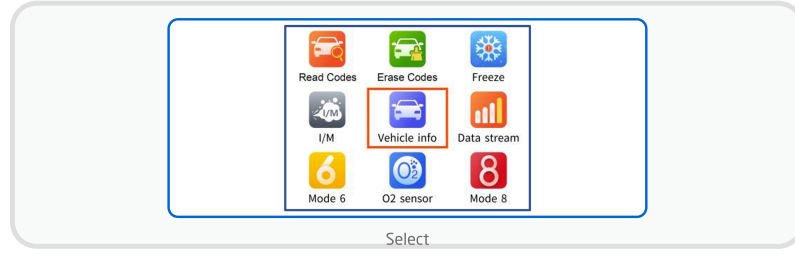
6.1.4 I/M Ready State

I/M ready function used to check whether car monitor is OK or N/A. During specific driving time (each monitor has specific conditions). OK=test completed, INC=not completed, N/A=not supported.



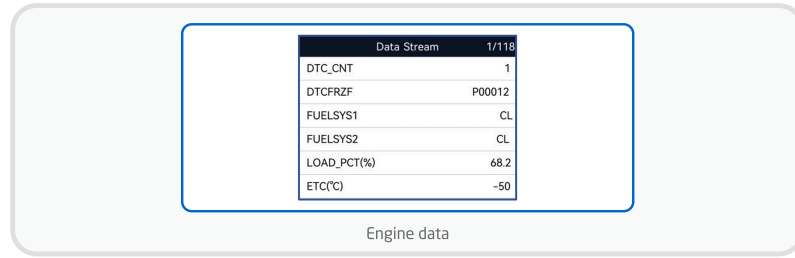
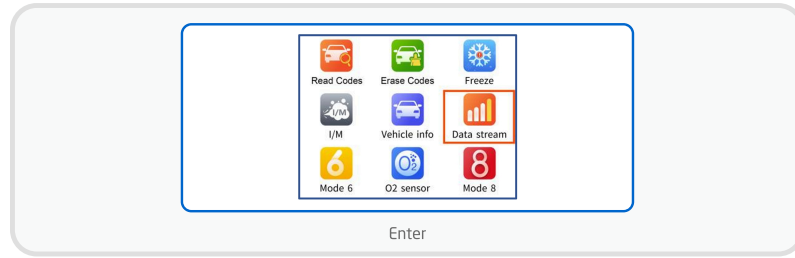
6.1.5 Vehicle Information

Vehicle identification code and other information can be viewed after entering vehicle information.



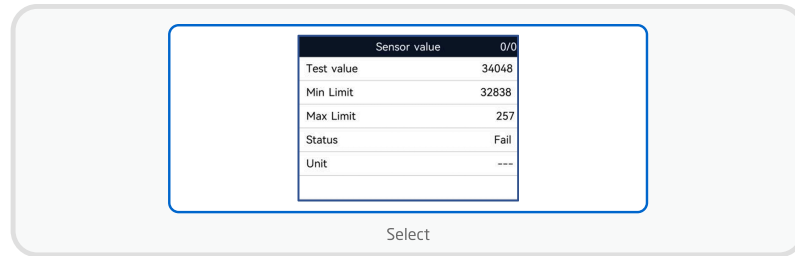
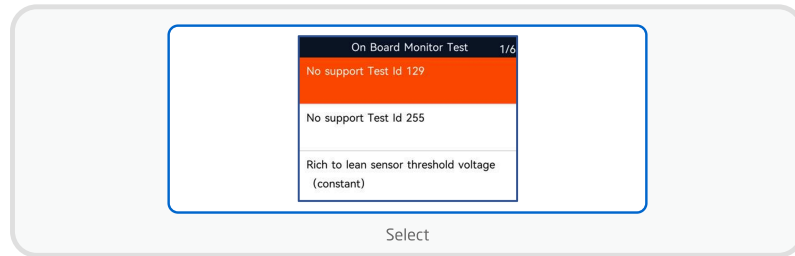
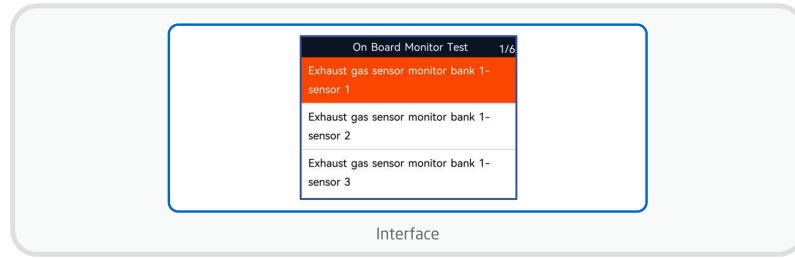
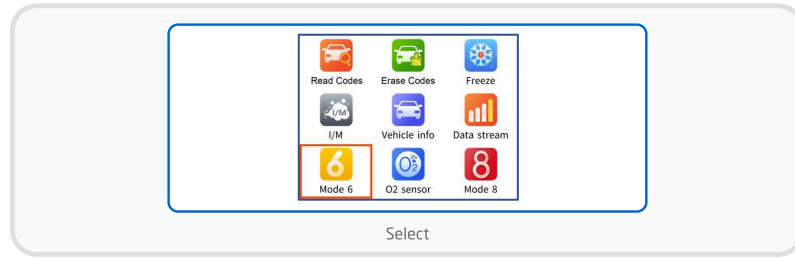
6.1.6 Data Stream

After entering data stream, product will read current real-time data stream information of automobile engine.



6.1.7 Mode 6

Select mode 6 to enter on-board monitoring test. Enter sensor monitoring interface.



6.1.8 Oxygen Sensor Test

When entering oxygen sensor test item, oxygen sensor value of tested vehicle will be read to determine whether various test data are normal.

6.1.9 Mode 8

Mode 8 component test project.

6.2 DTC Solution

Partial faults are equipped with maintenance guidance. If Solution background is highlighted, press OK to enter and view detailed repair solutions.

DTC Solution Features:

- Maintenance guidance for fault codes
- Solution background highlighted when available
- Press OK to view detailed repair steps
- Professional troubleshooting assistance
- Save time and repair costs

6.3 Query the Fault Code Library

Enter query fault code option, user can use direction keys to adjust fault code, turn to fault code to be queried and select "OK" to query fault definition.

6.5 Settings

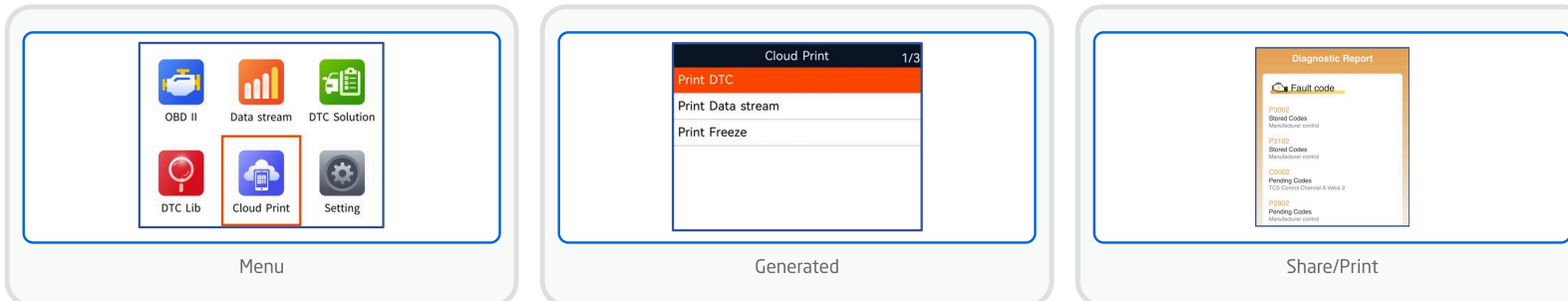
Enter setting option to adjust language, unit and other settings of multiple product parameters.

6.4 Cloud Print

The read fault codes, data streams, frozen frames, and other data can be generated into QR codes, which can be shared or printed through mobile scanning.

Cloud Print Procedure:

- 1) Read fault codes, data streams, or frozen frames
- 2) Select "Cloud Print" from menu
- 3) Data generated into QR code on screen
- 4) Scan QR code with mobile phone
- 5) Share or print data through mobile



7. Disclaimer

We are committed to providing customers with unparalleled customer support before and after sales. Here are our exemption conditions for products:

If any of the following conditions are met, the customer shall not enjoy the policy within the scope of this limited warranty:

1) Abnormal Use: Abnormal use, abnormal conditions, improper storage, exposure to humidity or unauthorized modification, misuse, negligence, abuse, accident, change, improper installation or other non fault behaviors, including damage caused by transportation.

2) External Damage: Our company will not be responsible for the product damage caused by external reasons (such as collision with objects) or fire, flood, sand, dust, storm, lightning, earthquake or weather conditions, acts of God irresistible or battery leakage, theft, fuse breaking, incorrect use of any power supply.

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