VDIAGTOOL VD30 pro

VDIAGTOOL VD30 Pro OBD2 Scanner User Manual

Model: VD30 Pro | Brand: VDIAGTOOL

1. Introduction

The VDIAGTOOL VD30 Pro is an advanced OBD2 scanner and diagnostic tool designed for comprehensive vehicle health checks. It supports all 10 essential OBD2 test modes, enabling users to read and clear fault codes, view live data, perform I/M readiness checks, and more. This manual provides detailed instructions to help you effectively use your VD30 Pro scanner.

2. What's in the Box

- VD30 Pro Scanner Code Reader x 1
- Data Cable x 1
- Instruction Manual x 1
- Packing Box x 1



The VDIAGTOOL VD30 Pro scanner, its OBD2 cable, and a USB cable for updates.

3. Setup

3.1 Connecting the Device

Locate your vehicle's 16-pin OBD2 diagnostic port, typically found under the dashboard on the driver's side. Plug the VD30 Pro's OBD2 cable firmly into this port. The device will power on automatically, drawing power directly from your vehicle. Ensure the vehicle's ignition is turned to the 'ON' position (engine can be off or running, depending on the test).



The VD30 Pro connected to a vehicle's OBD2 port, ready for operation.

3.2 Initial Configuration

Upon first use or after a reset, you may need to configure basic settings. Navigate to the 'Settings' menu using the directional buttons and 'OK' button. Here you can select your preferred language (English, French, Spanish, German, Russian, Italian, Polish, Chinese) and units of measure (e.g., Celsius/Fahrenheit, PSI/kPa, mph/km/h).



The settings menu allows for language and unit customization.

4. Operating the VD30 Pro

4.1 Key Features Overview

The VD30 Pro offers a user-friendly interface with dedicated functions for various diagnostic tasks. The main menu provides quick access to:

- **OBDII/EOBD:** Access all OBD2 diagnostic functions.
- **Battery:** Check vehicle battery voltage.
- **DTC Lookup:** Search for Diagnostic Trouble Code definitions.
- **Settings:** Configure device preferences.
- **Review:** Playback recorded data.
- **Print:** Print diagnostic reports via PC connection.



The VD30 Pro's main menu provides intuitive access to all functions.

4.2 Reading and Clearing Diagnostic Trouble Codes (DTCs)

From the 'OBDII/EOBD' menu, select 'Read DTC' to retrieve stored, pending, and permanent fault codes. The scanner will display the code and a brief description. To clear codes and turn off the Check Engine Light (CEL), select 'Clear DTC'. Follow the on-screen prompts, ensuring the ignition is on and the engine is off when prompted.



The VD30 Pro can read and clear DTCs, turning off the Check Engine Light.

4.3 I/M Readiness (Smog Check)

The 'I/M Readiness' function (accessible via the 'I/M' hotkey or through the 'OBDII/EOBD' menu) displays the status of your vehicle's emission-related monitoring systems. This is crucial for preparing for state emissions tests. A green checkmark indicates a completed monitor, while a red 'X' indicates an incomplete or failed monitor.



Quickly check your vehicle's I/M Readiness status for smog tests.

4.4 Live Data Stream

Select 'Live Data' from the 'OBDII/EOBD' menu to view real-time sensor data from your vehicle's engine control unit (ECU). You can view all available data items as text values or select specific items for graphical display. This feature is invaluable for diagnosing intermittent problems and monitoring engine performance.



Monitor real-time engine data, including graphical displays for detailed analysis.

4.5 Battery Voltage Test

The 'Battery' function provides a quick check of your vehicle's battery voltage. This helps determine the overall health and charge status of the battery, preventing unexpected no-start situations.



Quickly check your car's battery voltage to assess its health.

4.6 DTC Lookup

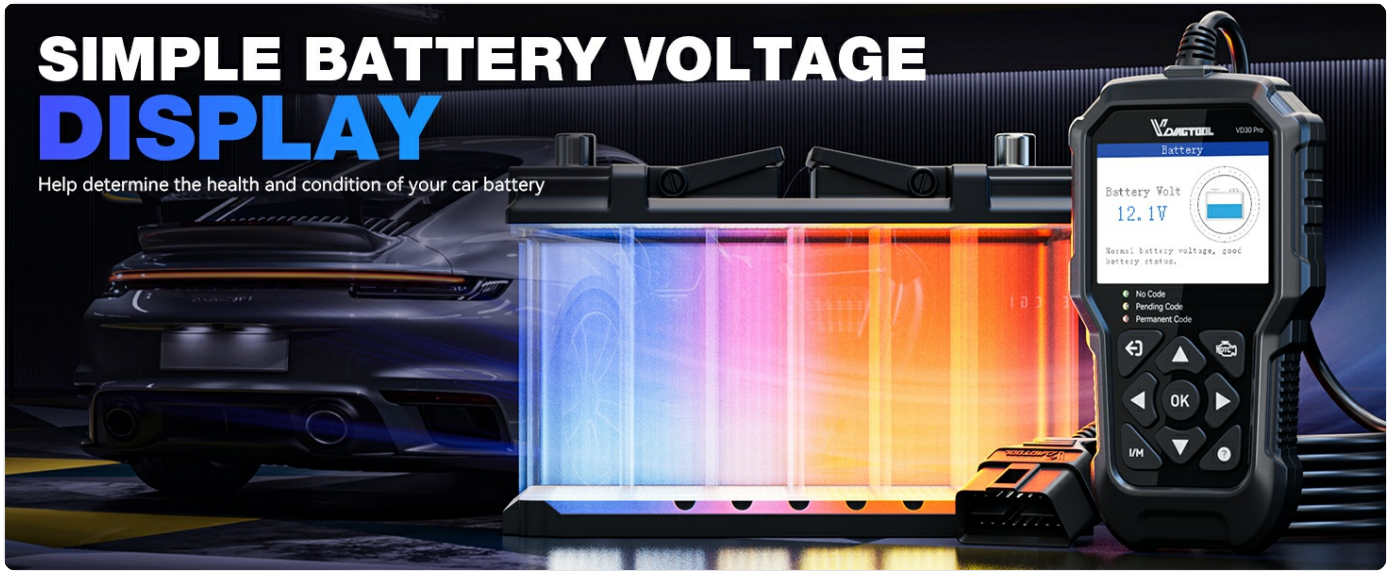
The built-in DTC Lookup library contains over 98,000 Diagnostic Trouble Code definitions. Simply input the DTC code, and the scanner will provide a plain English explanation, saving you time from searching online.



Access a vast library of DTC definitions directly on the device.

4.7 Data Review and Printing

The 'Review' function allows you to playback previously recorded live data streams. The 'Print' function, when connected to a Windows PC via the included USB cable, enables you to print diagnostic reports, including DTCs and live data, for record-keeping or sharing with mechanics.



Print professional-grade diagnostic reports by connecting the device to a PC.

5. Maintenance

To ensure the longevity and optimal performance of your VD30 Pro scanner, keep it clean and store it in a dry environment away from extreme temperatures. Avoid dropping the device or exposing it to liquids.

5.1 Software Updates

The VD30 Pro comes with lifetime free software updates. To update the device, connect it to a Windows PC using the provided USB cable and follow the instructions on the VDIAGTOOL official website for the latest firmware and vehicle

compatibility.

6. Troubleshooting

- **Device not powering on:** Ensure the OBD2 cable is securely connected to the vehicle's port and the vehicle's ignition is in the 'ON' position.
- **Communication error:** Verify the OBD2 connection. Ensure the vehicle supports the OBD2 protocol (most vehicles from 1996 onwards). Try turning the ignition off and on again.
- **Incorrect readings:** Ensure the correct units of measure are selected in the settings.
- **Check Engine Light remains on after clearing codes:** This indicates an underlying issue that needs to be addressed. The code will reappear until the fault is repaired.

For specific Diagnostic Trouble Codes, use the 'DTC Lookup' function on the device for detailed explanations.

7. Specifications

Model	VD30 Pro
Brand	VDIAGTOOL
Item Weight	12.3 ounces
Package Dimensions	8.35 x 6.69 x 1.65 inches
Operating System	Linux
Display Resolution	320x240
Connectivity	Wired (OBD2 cable, USB)

8. Warranty and Support

The VDIAGTOOL VD30 Pro comes with a 3-year warranty, lifetime free software updates, and 24/7 technical support. For any questions or concerns, please contact VDIAGTOOL US directly via email at vdiagtool2@outlook.com.



VDIAGTOOL offers comprehensive customer support and warranty for their products.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question