

[Manuals.plus](#) /

› [Retoo](#) /

› Retoo OBD2 V519 Universal Car Diagnostic Tool User Manual

Retoo V519

Retoo OBD2 V519 Universal Car Diagnostic Tool User Manual

Model: V519 (M056)

Brand: Retoo

1. INTRODUCTION

The Retoo OBD2 V519 Diagnostic Tool is an advanced, user-friendly device designed to help you understand and resolve issues with your vehicle's engine and other systems. It provides comprehensive diagnostic functions, including reading and clearing fault codes, monitoring live data, and performing various system tests. This manual will guide you through the setup, operation, and maintenance of your V519 diagnostic tool.



Image 1.1: The Retoo OBD2 V519 Diagnostic Tool with its retail packaging.

2. PRODUCT OVERVIEW

The V519 diagnostic tool features a compact design with a clear display and intuitive button layout for easy navigation. It connects directly to your vehicle's OBD-II port.

2.1. Device Components

- **Display Screen:** Shows diagnostic information, menus, and data streams.
- **Function Buttons (F1, F2, EXIT):** Used for specific operations or exiting menus.
- **Navigation Buttons (Up, Down, Left, Right, OK):** For menu navigation and selection.
- **OBD-II Connector Cable:** Connects the tool to the vehicle's diagnostic port.



Image 2.1: Front view of the diagnostic tool, highlighting the display and control buttons.

2.2. Dimensions

The tool is designed to be portable and easy to handle.

Measurement	Value
Length	15 cm
Width	8.5 cm
Thickness	2.4 cm
Weight	340 g



Image 2.2: Diagram showing the physical dimensions of the diagnostic tool.

3. SETUP

Setting up your Retoo OBD2 V519 is straightforward. The device is powered directly from your vehicle's OBD-II port.

3.1. Connecting to Your Vehicle

1. Locate the OBD-II port in your vehicle. This is typically found under the dashboard on the driver's side, but its exact location may vary by vehicle model. Refer to your vehicle's owner's manual if you cannot find it.
2. Ensure the vehicle's ignition is in the OFF position.
3. Plug the OBD-II connector cable from the V519 tool firmly into the vehicle's OBD-II port.
4. Turn the vehicle's ignition to the ON position (do not start the engine unless instructed by a specific diagnostic procedure). The V519 tool will power on automatically.



Image 3.1: The diagnostic tool being connected to the vehicle's OBD-II port, typically located under the dashboard.

4. OPERATING INSTRUCTIONS

Once connected and powered on, the V519 will display the main menu. Use the navigation buttons to select desired functions.

4.1. Main Menu Navigation

- Use the **Up/Down** arrows to scroll through menu options.
- Press **OK** to confirm a selection or enter a sub-menu.
- Press **EXIT** to return to the previous menu or the main screen.
- **F1/F2** buttons may have specific functions depending on the current screen, often indicated on the display.



Image 4.1: The main menu of the diagnostic tool, showing options like Read DTC, Clear DTC, Live Data, and more.

4.2. Key Diagnostic Functions

- **Read DTC (Diagnostic Trouble Codes):** Retrieves generic (P0, P2, P3, and U0) and manufacturer specific (P1, P3, and U1) codes. This function helps identify the cause of the Check Engine Light (MIL).



Image 4.2: The diagnostic tool can identify issues indicated by the Check Engine Light.

- **Clear DTC:** Erases the Diagnostic Trouble Codes from the vehicle's computer and turns off the Check Engine Light (MIL). *Note: Only clear codes after addressing the underlying issue, otherwise the light will reappear.*
- **Live Data:** Displays real-time data from the vehicle's sensors, such as engine RPM, vehicle speed, oxygen sensor readings, and more. This is crucial for monitoring vehicle performance and diagnosing intermittent problems.
- **I/M Readiness:** Checks the readiness of the emission monitoring systems. This function is useful for determining if the vehicle is ready for an emissions test.
- **O2 Sensor Test:** Retrieves O2 sensor monitor test results for the most recently completed tests from the vehicle's on-board computer.
- **On-Board Monitor Test:** Retrieves test results for emission-related powertrain components and systems that are not continuously monitored.



Image 4.3: The tool displaying results from an on-board monitor test, such as exhaust gas sensor status.

- **Vehicle Info:** Displays the vehicle identification number (VIN), calibration ID (CALID), and calibration verification number (CVN) of the test vehicle.

5. MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your Retoo OBD2 V519 diagnostic tool.

5.1. Cleaning and Storage

- Wipe the tool with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Store the tool in a dry, cool place, away from direct sunlight and extreme temperatures.
- Keep the OBD-II connector clean and free of debris.

5.2. Software Updates

The V519 diagnostic tool may receive software updates to improve functionality, add new vehicle compatibility, or fix

bugs. Check the manufacturer's website or the QR code provided for update instructions and software downloads.



Image 5.1: Scan this QR code for additional product information or software updates. Link: <https://me-qr.com/Ctf2ESb1>

6. TROUBLESHOOTING

If you encounter issues with your V519 tool, refer to the following common problems and solutions:

- **Tool does not power on:**
 - Ensure the OBD-II cable is securely connected to both the tool and the vehicle's OBD-II port.
 - Verify the vehicle's ignition is in the ON position.
 - Check the vehicle's fuse for the OBD-II port (consult your vehicle's manual).
-

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

