

AUTOOL OL129

AUTOOL OL129 Battery Monitor and OBD/EOBD CAN Diagnostic Tool User Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the proper use and maintenance of your AUTOOL OL129 Diagnostic Tool. The AUTOOL OL129 is a versatile diagnostic device designed for 12V mini vans and light-duty vehicles. It functions as both a battery monitor and an OBD/EOBD+CAN code reader, supporting 10 modes of OBD tests for thorough vehicle diagnostics. This tool assists users in quickly and efficiently troubleshooting OBD2/EOBD problems and monitoring battery power status.

2. KEY FEATURES

- **Vehicle Compatibility:** Works on all 1996 and newer European, American, and Asian vehicles, including mini vans and light-duty vehicles that are OBDII & CAN compliant.
- **Multilingual Support:** Features a multilingual menu and DTC (Diagnostic Trouble Code) definitions in English, Spanish, French, German, Italian, and Russian.
- **Code Reading & Erasing:** Reads and erases generic codes (P0, P2, P3, U0), manufacturer-specific codes (P1, P3, U1), and pending codes.
- **Diagnostic Data Display:** Displays DTC definitions, freeze frame data, monitor and I/M readiness status (emissions), and vehicle information (VIN, CIN, CVN).
- **Live Data Stream:** Reads PCM (Powertrain Control Module) live data stream with graphic display for real-time monitoring.
- **Enhanced OBDII Mode 6:** Supports enhanced OBDII Mode 6 for advanced diagnostic testing.
- **Software Upgradable:** Software can be updated via the internet to ensure compatibility with new vehicles and diagnostic protocols.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- AUTOOL OL129 Main Unit
- AUTOOL OL129 User Manual (this document)
- USB Cable



Image: The AUTOOL OL129 diagnostic tool, its user manual, and a USB cable, as included in the package.

4. TECHNICAL SPECIFICATIONS

Specification	Detail
Display	2.8" TFT color display (320*240 resolution)
Supported Protocols	CAN, J1850 PWM, J1850 VPW, ISO9141, KWP2000
Working Temperature	0°C to 60°C (32°F to 140°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)

Input Power	8-18 Volts (supplied by vehicle's battery)
Dimensions	280 x 185 x 50 mm
Weight	400g

5. SETUP AND CONNECTION

1. **Locate the OBDII Port:** The 16-pin Data Link Connector (DLC) is typically located under the dashboard on the driver's side of the vehicle. Refer to your vehicle's service manual for the exact location if needed.
2. **Connect the Tool:** With the vehicle's ignition off, firmly plug the AUTOOL OL129's OBDII connector into the vehicle's DLC.
3. **Power On:** Turn the vehicle's ignition to the "ON" position (engine off). The OL129 tool will automatically power on and display the main menu.



Image: The AUTOOL OL129 diagnostic tool with its integrated OBDII cable, ready for connection to a vehicle's diagnostic port.

6. OPERATING INSTRUCTIONS

Once the tool is connected and powered on, use the navigation buttons to select desired functions.



Image: The AUTOOL OL129 diagnostic tool displaying its main menu with options like OBDII/EOBD, Ready Test, DTC Lookup, and Setup.

6.1. Navigating the Menus

Use the **UP** and **DOWN** arrow buttons to scroll through menu options. Press the **OK** button to confirm a selection. Use the **BACK** button to return to the previous screen.

6.2. Reading Diagnostic Trouble Codes (DTCs)

1. From the main menu, select "**OBDII/EOBD**" and press **OK**.
2. Select "**Read Codes**" and press **OK**. The tool will scan for codes.
3. The screen will display any detected DTCs along with their descriptions.



Image: The AUTOOL OL129 diagnostic tool displaying the diagnostic menu, showing options such as Read Codes, I/M Readiness, Live Data, Freeze Frame, O2 Sensor Test, and On-Board Monitoring.

6.3. Erasing Diagnostic Trouble Codes (DTCs)

Warning: Erasing DTCs clears all diagnostic data. Ensure you have recorded any necessary information before proceeding.

1. From the **"OBDII/EOBD"** menu, select **"Erase Codes"** (or similar option, depending on firmware) and press **OK**.
2. Confirm your selection when prompted. The Check Engine Light (MIL) should turn off if the underlying issue has been resolved.

6.4. Viewing Live Data

1. From the **"OBDII/EOBD"** menu, select **"Live Data"** and press **OK**.
2. You can view various sensor readings and parameters in real-time. Some data may be displayed graphically.

6.5. Battery Monitoring

The OL129 includes a battery monitor function. Access this feature from the main menu to check the vehicle's battery voltage and status. This helps in identifying potential battery issues.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the tool's exterior. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the tool in a clean, dry environment away from extreme temperatures and direct sunlight.
- **Software Updates:** Periodically check the AUTOOL official website for software updates. Keeping the software current ensures optimal performance and compatibility with the latest vehicle models and diagnostic protocols. Use the provided USB cable for updates.

8. TROUBLESHOOTING

Tool does not power on:

- Ensure the OBDII connector is firmly plugged into the vehicle's DLC.
- Verify the vehicle's ignition is in the "ON" position.
- Check the vehicle's battery for sufficient voltage (8-18 Volts required).

"Link Error" message displayed:

- Confirm the OBDII connector is securely connected.
- Ensure the vehicle is OBDII compliant (most vehicles from 1996 onwards).
- Turn the ignition off, wait 10 seconds, then turn it back on and retry.

Codes are not found or cannot be cleared:

- Ensure the vehicle's ignition is in the "ON" position (engine off) when reading/clearing codes.
- If codes persist after clearing, the underlying vehicle issue may still be present and requires repair.
- Update the tool's software to ensure it has the latest diagnostic definitions.

9. WARRANTY AND SUPPORT

The AUTOOL OL129 Diagnostic Tool comes with a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official AUTOOL website for detailed warranty terms and conditions. For technical support, software updates, or any inquiries regarding your AUTOOL OL129, please contact AUTOOL customer service through their official website or the contact information provided in your product packaging.

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