## Autel AL329

# Autel AutoLink AL329

### User Manual

## Introduction

The Autel AutoLink AL329 is a compact and user-friendly OBD2 scanner designed to help vehicle owners diagnose engine issues, clear trouble codes, and perform various diagnostic tests. This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your AL329 device, ensuring you can effectively utilize its features to keep your vehicle in optimal condition.

## Product Overview




The Autel AutoLink AL329 is a handheld diagnostic tool featuring a clear LCD screen, intuitive navigation buttons, and an integrated OBDII cable for direct connection to your vehicle's diagnostic port. Its robust design ensures durability for regular use.

- **LCD Display:** Shows diagnostic information, menu options, and test results.
- **OBDII Connector:** Standard 16-pin connector for vehicle communication.

- **Navigation Buttons:** **ENTER/EXIT** for selection and returning, **SCROLL** for menu navigation, and **I/M** for quick I/M Readiness check.

## Setup

1. **Locate the OBDII Port:** The 16-pin Data Link Connector (DLC) is usually located under the dashboard on the driver's side. Refer to your vehicle's service manual if you cannot locate it.
2. **Connect the AL329:** Firmly plug the AL329's OBDII connector into the vehicle's DLC. The device will power on automatically.
3. **Turn Ignition On:** Turn the vehicle's ignition to the "ON" position (engine off).
4. **Initial Boot-up:** The AL329 will display the main menu. If prompted, select your language preference.

## Operating Instructions

### 1. Reading Diagnostic Trouble Codes (DTCs)




This function allows you to retrieve generic (P0, P2, P3, and U0) and manufacturer-specific (P1, P3, and U1) codes, as well as pending codes.

1. From the main menu, select **"OBDII/EOBD"** and press **ENTER**.
2. The scanner will establish communication with the vehicle.
3. Select **"Read Codes"** from the diagnostic menu.
4. The device will display any stored or pending DTCs. Use the **SCROLL** button to view all codes and their descriptions.

### 2. Clearing Diagnostic Trouble Codes (DTCs)

Clearing DTCs turns off the Check Engine Light (MIL) and resets all monitors. Ensure the underlying issue causing the code has been resolved before clearing.

1. After reading codes, select **"Erase Codes"** from the diagnostic menu.
2. Confirm your choice when prompted.
3. The device will indicate if the codes have been successfully cleared.

### 3. Viewing Live Data Stream




This function displays real-time PID (Parameter ID) data from the vehicle's computer modules, useful for diagnosing intermittent problems.

1. From the diagnostic menu, select **"Live Data"**.
2. Choose **"View All Items"** or **"Custom List"** to select specific parameters.
3. The screen will display numerical values for various sensors and system parameters. Use **SCROLL** to navigate through the data.

### 4. I/M Readiness Status

The I/M Readiness function checks the operation of the Emission System on OBDII compliant vehicles. It is an excellent function to use prior to having a vehicle inspected for compliance to a state emission program.

1. From the diagnostic menu, select **"I/M Readiness"**.
2. The device will display the status of various monitors (e.g., Misfire Monitor, Fuel System Monitor). "OK" indicates the monitor has completed its test, "INC" indicates incomplete, and "N/A" indicates not applicable.
3. You can also press the dedicated **I/M** button on the device for a quick check.

### 5. Vehicle Information

This function retrieves the Vehicle Identification Number (VIN), Calibration ID (CALID), and Calibration Verification Number (CVN) of the test vehicle.

1. From the diagnostic menu, select **"Vehicle Info"**.
2. The device will display the available information.

## Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the device. Do not use abrasive cleaners or solvents.
- **Storage:** Store the AL329 in a dry, clean environment away from extreme temperatures and direct sunlight.
- **Software Updates:** Periodically check the official Autel website for software updates. Updates typically require connecting the device to a computer running Windows 7 or later via USB. Follow the instructions provided on the Autel website for the update process.

## Troubleshooting

| Problem | Possible Cause | Solution |
| --- | --- | --- |

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|---|---|---|
| Device fails to power on. | Loose connection; vehicle's ignition not on; vehicle battery low. | Ensure the OBDII cable is securely connected. Turn ignition to "ON". Check vehicle battery. |
| Communication error with vehicle. | Incorrect protocol; faulty connection; vehicle not OBDII compliant. | Verify vehicle is OBDII compliant (most vehicles 1996 and newer). Re-connect the cable. Try on another vehicle if possible. |
| Screen is blank or frozen. | Software glitch; power interruption. | Disconnect and re-connect the device. If issue persists, check for software updates. |

## Specifications

| Feature | Detail |
|---|---|
| **Model** | AL329 |
| **Connectivity** | USB (for updates), OBDII cable |
| **Dimensions (L x W x H)** | 12.09 x 6.83 x 1.8 cm (approx. 4.76 x 2.69 x 0.71 inches) |
| **Item Weight** | 454 g (approx. 1 lb) |
| **Operating System (for updates)** | Windows 7 and above |
| **Vehicle Service Type** | Car, Truck (OBDII compliant vehicles) |

## Warranty and Support

Autel products are manufactured to the highest quality standards. For specific warranty information regarding your Autel AutoLink AL329, please refer to the warranty card included with your product or visit the official Autel website.
For technical support, product registration, or frequently asked questions, please visit the official Autel support portal or contact their customer service directly. Always provide your product model number (AL329) and serial number when seeking support.
*Note: Product specifications and features are subject to change without prior notice.*


### 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.

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**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