

UMEIJA obd-02

UMEIJA V011 OBD2 Scanner User Manual

Wireless Auto Diagnostic Scan Tool for iOS & Android

1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your UMEIJA V011 OBD2 Scanner. This device is designed to assist vehicle owners in diagnosing and monitoring their car's performance, reading and clearing diagnostic trouble codes (DTCs), and accessing real-time vehicle data through a dedicated mobile application.

The UMEIJA V011 offers a user-friendly experience with its advanced Bluetooth 5.4 connectivity and comprehensive diagnostic capabilities, making it a valuable tool for understanding your vehicle's health.

2. PRODUCT OVERVIEW

The UMEIJA V011 OBD2 Scanner is a compact, wireless device that plugs into your vehicle's On-Board Diagnostics (OBD-II) port. It communicates with your smartphone or tablet via Bluetooth, providing access to a wide range of diagnostic functions through the exclusive 'OBD Home' application.



Image: The UMEIJA V011 OBD2 Scanner connected wirelessly to a smartphone displaying real-time vehicle data.

This tool is designed to provide a thorough understanding of your vehicle's condition, supporting various performance tests and offering intuitive data visualization.

Your browser does not support the video tag.

Video: An overview of the UMEIJA OBD2 Scanner's features and how it connects to a mobile device for vehicle diagnostics.

3. SETUP INSTRUCTIONS

Follow these steps to set up your UMEIJA V011 OBD2 Scanner and begin diagnostics:

1. **Download the App:** Scan the QR code provided on the product packaging or search for "OBD Home" in your device's app store. The app is available for both iOS and Android systems.
[Download for iOS](#) | [Download for Android](#)
2. **Plug in the Device:** Locate your vehicle's OBD-II port, typically found under the dashboard on the driver's side. Firmly plug the UMEIJA V011 scanner into the port. The device's power light should illuminate.

3. **Start Your Car:** Ensure your vehicle's engine is running (ignition on).
4. **Connect via Bluetooth:** Open the "OBD Home" app on your smartphone. Ensure your phone's Bluetooth is enabled. The app will automatically search for and connect to the V011 scanner. For Apple phones, simply turn on Bluetooth; do not attempt to connect via phone settings. The app will handle the connection. The scanner's link light will turn solid green upon successful connection.
5. **Begin Diagnostics:** Once connected, you can proceed to the app's main interface to start scanning and monitoring your vehicle.



Image: Visual guide showing the six quick steps to connect the OBD2 scanner, including app download, device plug-in, car start, Bluetooth connection, and diagnostic report generation.

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Video: A demonstration of connecting the OBD2 scanner wirelessly to a mobile device and initiating the diagnostic process.

4. OPERATING INSTRUCTIONS

The UMEIJA V011 OBD2 Scanner, combined with the 'OBD Home' app, provides a comprehensive suite of diagnostic functions:

- **Reading and Clearing DTCs:** Quickly read Diagnostic Trouble Codes (DTCs) to identify issues. After repairs, you can clear the Check Engine Light (CEL) or Malfunction Indicator Lamp (MIL). *Note: Fault codes can only be cleared after the car is repaired. If the car is not repaired, the fault code can only be cleared by the computer in a professional service shop.*
- **Live Data Streaming:** Monitor real-time data from your vehicle's sensors, including engine coolant temperature, engine speed, vehicle speed, and control module voltage. Data is displayed in clear, easy-to-read charts for quick analysis.
- **Freeze Frame Data:** View a snapshot of sensor data recorded at the moment a fault code was set, aiding in diagnosis.
- **I/M Readiness Testing:** Check your vehicle's readiness status for emissions testing to ensure compliance.
- **Performance Tests:** Conduct various performance tests to assess your vehicle's capabilities.
- **Onboard Monitoring:** Access results of onboard diagnostic monitoring tests for specific components.
- **Vehicle Information:** Retrieve vehicle identification number (VIN), calibration ID, and calibration verification

numbers.

- **Dashboard Monitoring:** Transform your phone into a real-time dashboard, displaying key vehicle parameters as you drive.

Have full OBD2 functions, as well as vehicle all performance test

 Read Code	 Clear Code	 DTC Lookup	 O2 Sensor Test	 I/M Readiness	 On-board Monitor Test	 View Freeze Frame	 Read Datastream	 Vehicle Information
 EVAP System	 Diagnose Report	 Performance Test	 Battery Test	 Trip Analysis	 Dashboard Function	 Flashlight Switch	 Exclusive APP	 Performance Test



The illustration shows a black OBDII scanner with the text 'OBDII' on its side. It is positioned to the left of a wireframe car model. A blue wireless signal icon is shown between the scanner and the car, indicating a connection. The background is a dark blue grid pattern.

Image: An illustration of the full range of OBD2 functions available with the UMEIJA V011 scanner, including reading and clearing codes, sensor tests, and data streaming.

Car fault diagnosis and trouble light clearing with one click

Quickly read to diagnose car engine problems and clear the engine trouble light on the dashboard.



Image: Demonstrates the one-click fault light clearing function, showing a dashboard with a check engine light before and after using the scanner.

Your browser does not support the video tag.

Video: A detailed look at how to use the OBD2 scanner's Bluetooth features to diagnose and monitor vehicle performance.

5. FEATURES AND FUNCTIONS

The UMEIJA V011 OBD2 Scanner is equipped with several key features to enhance your diagnostic experience:

- **Advanced Bluetooth 5.4 Connectivity:** Provides a fast and reliable wireless connection to your mobile device, ensuring seamless data transfer.
- **Intuitive Data Visualization:** Presents complex vehicle data in clear, easy-to-understand charts and graphs within the app, simplifying analysis for all users.
- **Exclusive Free App:** The dedicated 'OBD Home' app is tailored for both Android and Apple systems, offering enhanced functionality and a smooth user experience.
- **Comprehensive Performance Testing:** Supports a variety of performance tests, including fast reading of DTCs, access to electronic emission readiness, and live data streaming.
- **Self-Service Maintenance:** The app can help interpret check engine lights and suggest possible fixes, potentially saving on repair costs by allowing you to clear certain codes after repairs.
- **High Accuracy:** Utilizes a new upgraded chip for fast and efficient data processing, ensuring high accuracy in diagnostics.

What are the advantages of V011 compared with others?

· OBO11 - V011 ·	Vs	· Others ·
✔ Full OBD2 Modes		✘ 3-6 OBD Functions
✔ Automatic Connection		✘ Manual Connection Only
✔ All Graphic Datastream		✘ Boring Text Data
✔ Vehicle Self-Check		✘ Manual Detection Only
✔ Performance Test		✘ NO
✔ Trip Analysis		✘ NO
✔ Dashboard Monitoring		✘ NO

Image: A comparison highlighting the advantages of the V011 scanner, such as full OBD2 modes, automatic connection, graphic datastream, and performance tests, compared to traditional devices.

Smart dashboard turns your phone into a dashboard in seconds

After the mobile phone is connected to the product, vehicle data can be displayed on the mobile phone in real time

Image: Illustrates how the mobile phone can be transformed into a smart dashboard, displaying real-time vehicle data after connecting to the product.

6. COMPATIBILITY

The UMEIJA V011 OBD2 Scanner boasts broad compatibility, supporting over 96% of car makes and models manufactured from 1996 to the present. This includes a wide range of popular brands such as Toyota, Honda, Chevrolet, Ford, Mercedes-Benz, Jeep, BMW, Porsche, Subaru, Nissan, Cadillac, Volkswagen, and Lexus.

The device also supports multiple languages, including English, German, Spanish, Finnish, French, Italian, Dutch, Portuguese, and Chinese, ensuring accessibility for a global audience.

Support 48 + brand models

In addition to supporting conventional codes, it also supports 48 brand supplier specific codes



Image: Displays logos of over 48 car brands, indicating the extensive compatibility of the UMEIJA V011 OBD2 scanner.

7. TROUBLESHOOTING

If you encounter issues with your UMEIJA V011 OBD2 Scanner, consider the following common troubleshooting tips:

- **Connection Issues:** Ensure your car is started (ignition on) and your mobile phone's Bluetooth is turned on. For Apple phones, remember that the 'OBD Home' app automatically connects; do not attempt to connect via your phone's Bluetooth settings.
- **Fault Code Clearing:** The scanner can clear fault codes, but only after the underlying vehicle issue has been repaired. If the car is not repaired, the fault code will likely reappear or can only be cleared by a professional service shop's computer.
- **App Compatibility:** Ensure you have downloaded the correct 'OBD Home' app by scanning the QR code on the product or searching directly in your app store.
- **Device Insertion:** Verify that the OBD2 scanner is correctly and firmly inserted into your vehicle's OBD interface.
- **Power Consumption:** It is recommended to unplug the product after use to avoid consuming your car's battery.

For further assistance, please refer to the Warranty and Support section.

8. SPECIFICATIONS

Feature	Detail
Brand	UMEIJA
Model	V011 (obd-02)

Feature	Detail
Connectivity	Bluetooth 5.4
Operating System Compatibility	Android, iOS
Supported Protocols	9 OBD-II protocols
Vehicle Compatibility	96%+ car makes and models from 1996 to present
Product Dimensions	3.8 x 2.5 x 3.8 inches
Item Weight	2 ounces
Manufacturer	Shenzhen Chaoyue Techonlogy Development CO.,Ltd

9. WARRANTY AND SUPPORT

The UMEIJA V011 Bluetooth Code Reader comes with a detailed manual and access to 24-hour troubleshooting email support. Our dedicated customer service team is available to assist you with any issues or questions you may have regarding the product's functionality or operation.

We are committed to manufacturing our products to the highest quality standards, ensuring they provide both functionality and durability. For support, please refer to the contact information provided in your product packaging or on the official UMEIJA website.