

Foseal Foseal

Foseal WiFi OBD2 Scanner Instruction Manual

Model: Foseal



INTRODUCTION

The Foseal WiFi OBD2 Scanner is a diagnostic tool designed to read and clear engine trouble codes from your vehicle's On-Board Diagnostics II (OBD-II) system. This device connects wirelessly to your iOS or Android smartphone or tablet, allowing you to monitor various vehicle parameters and diagnose issues indicated by the "Check Engine Light." It supports all OBD-II protocols, making it compatible with a wide range of vehicles.

PRODUCT OVERVIEW

The Foseal WiFi OBD2 Scanner is a compact, black device with a standard OBD-II connector. It features indicator lights on its surface and connects to your mobile device via a dedicated WiFi signal.

iOS



for iPhone Samsung Android

Figure 1: Foseal WiFi OBD2 Scanner, showing its compact design and indicator lights.



Figure 2: Close-up view of the Foseal WiFi OBD2 Scanner's OBD-II connector, designed to plug into a vehicle's diagnostic port.

SETUP GUIDE

1. **Locate the OBD-II Port:** The OBD-II port is typically located under the dashboard on the driver's side of your vehicle. Refer to your vehicle's owner's manual if you cannot find it.
2. **Plug in the Scanner:** Firmly insert the Foseal WiFi OBD2 Scanner into your vehicle's OBD-II port. Ensure a secure connection.
3. **Turn on Ignition:** Turn your vehicle's ignition key to the "ON" position (do not start the engine). The scanner's indicator lights should illuminate, indicating it is powered on.
4. **Download the App:** Download a compatible OBD-II diagnostic app on your iOS or Android device. Recommended apps include "OBD Car Doctor" and "OBD Fusion" for iOS, and "Torque Lite"/"Torque Pro" and "DashCommand" for Android.

5. **Connect via WiFi:**

- Go to your device's WiFi settings.
- Look for a WiFi network named "WIFI_OBDII" or similar.
- Connect to this network. It is typically an unsecured network.
- For some iOS devices, you may need to manually configure the IP address. Set IP Address to 192.168.0.11, Subnet Mask to 255.255.255.0, and Router to 192.168.0.10.

6. **Launch the App:** Open your chosen OBD-II diagnostic app.

7. **Configure App Settings (if necessary):** In the app's settings, ensure the connection type is set to "WiFi" and the device is recognized (e.g., "ELM327 Generic").



Video 1: A detailed guide on how to use OBD Car Doctor and OBD Fusion apps with the Foseal WiFi OBD2 Scanner on iOS devices. This video covers specific app settings and connection procedures for iOS users.

OPERATING INSTRUCTIONS

1. **Connect to Vehicle:** Ensure the Foseal WiFi OBD2 Scanner is securely plugged into the OBD-II port and the vehicle ignition is ON.
2. **Connect to App:** Open your diagnostic app and initiate the connection to the "WIFI_OBDII" network.
3. **Read Diagnostic Trouble Codes (DTCs):** Navigate to the "Diagnostic" or "Trouble Codes" section within the app. The app will scan your vehicle's Engine Control Unit (ECU) for stored codes.
4. **Interpret Codes:** Each code (e.g., P0420) corresponds to a specific issue. The app will often provide a brief description. For detailed information, you may need to search online for the specific code.
5. **View Live Sensor Data:** Access the "Dynamic Parameters" or "Live Data" section to monitor real-time vehicle data such as Engine RPM, Coolant Temperature, Fuel System Status, Intake Manifold Pressure, Air Flow Rate, Intake Air Temperature, and O2 sensor voltages.
6. **Clear Trouble Codes:** After diagnosing and resolving an issue, you can clear the trouble codes from the ECU using the "Clear" or "Clear Trouble Codes" function in the app. This will turn off the "Check Engine Light."

MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use liquid cleaners or solvents.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Firmware Updates:** Check the manufacturer's website or app store for any available firmware updates for the device or software updates for the diagnostic app to ensure optimal performance and compatibility.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------------------------|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Device does not power on. | Improper connection to OBD-II port; vehicle ignition not on. | Ensure the scanner is firmly plugged into the OBD-II port. Turn the vehicle ignition to the "ON" position. |

| Problem | Possible Cause | Solution |
|-----------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cannot connect to "WIFI_OBDII" network. | WiFi on mobile device is off; incorrect IP settings (iOS). | Verify WiFi is enabled on your device. For iOS, manually configure IP settings as described in the Setup Guide. Wait 10 seconds for the WiFi connection to establish. |
| App does not connect to the scanner. | Incorrect app settings; app malfunction. | Check app communication settings (WiFi, ELM327 Generic). Close and restart the app. Ensure the app is compatible with your device and the Foseal scanner. |
| Inaccurate or no data readings. | Loose connection; incompatible vehicle protocol. | Ensure the scanner is securely connected. While the scanner supports all OBD-II protocols, some older or specific vehicle models might have compatibility nuances. Try a different compatible app. |

SPECIFICATIONS

- **Brand:** Foseal
- **Model:** Foseal (B00W0SDLRY)
- **Connectivity:** WiFi
- **Compatibility:** iOS, Android (Supports all OBDII protocols)
- **Dimensions:** 3.54 x 1.97 x 0.98 inches
- **Item Weight:** 1.6 ounces
- **Power Source:** Adapter (via OBD-II port)
- **Supported Protocols:** All OBDII protocols

WARRANTY AND SUPPORT

The Foseal WiFi OBD2 Scanner comes with a one-year guarantee. For any quality issues or support inquiries, please contact Foseal customer service. Your satisfaction is our total goal.
Contact information: Foseal.inc@hotmail.com (response within 24 hours on business days).

