Veepeak BLE

Veepeak OBDCheck BLE Bluetooth 4.0 OBD II EOBD Scanner User Manual

Model: BLE

1. Introduction

The Veepeak OBDCheck BLE is a versatile Bluetooth 4.0 OBD II EOBD scanner designed to transform your smartphone or tablet into an advanced vehicle diagnostic and performance monitoring tool. This device allows users to access critical vehicle data, read and clear diagnostic trouble codes, and monitor various engine parameters in real-time.
It is compatible with both iOS and Android devices, offering a convenient and portable solution for vehicle diagnostics.

Image 1: The Veepeak OBDCheck BLE device, a compact black unit with the Veepeak logo and "OBDCheck BLE" text.

2. Setup and Connection

2.1 Device Compatibility

The Veepeak OBDCheck BLE is compatible with a wide range of iOS and Android devices. For iOS devices, connection is established directly within the chosen OBD app via Bluetooth LE, without needing to pair in the iOS Bluetooth settings. Android devices require standard Bluetooth pairing. Please note that Android head units are generally not recommended for optimal performance.

2.2 App Compatibility

This device works with various third-party OBD apps, which are not included with the scanner and may require separate purchase or subscription. Popular compatible apps include:

- Car Scanner ELM OBD2
- OBD Fusion
- Torque (Android only)
- Infocar
- OBD JScan (for selected Jeep, Chrysler, Dodge, RAM vehicles)
- BimmerCode (for BMW & Mini, model year 2008+ excluding G-series)
- BimmerLink (for BMW & Mini, model year 2008+)
- Carista
- Dr. Prius
- ABRP (iOS version only)

Important Note: The Veepeak OBDCheck BLE is **NOT** compatible with Carly, MHD, xHP, or BimmerGeeks ProTool apps. It is also not compatible with BMW models manufactured before 2008 or G-series when used with BimmerCode, nor with models before 2008 via BimmerLink.

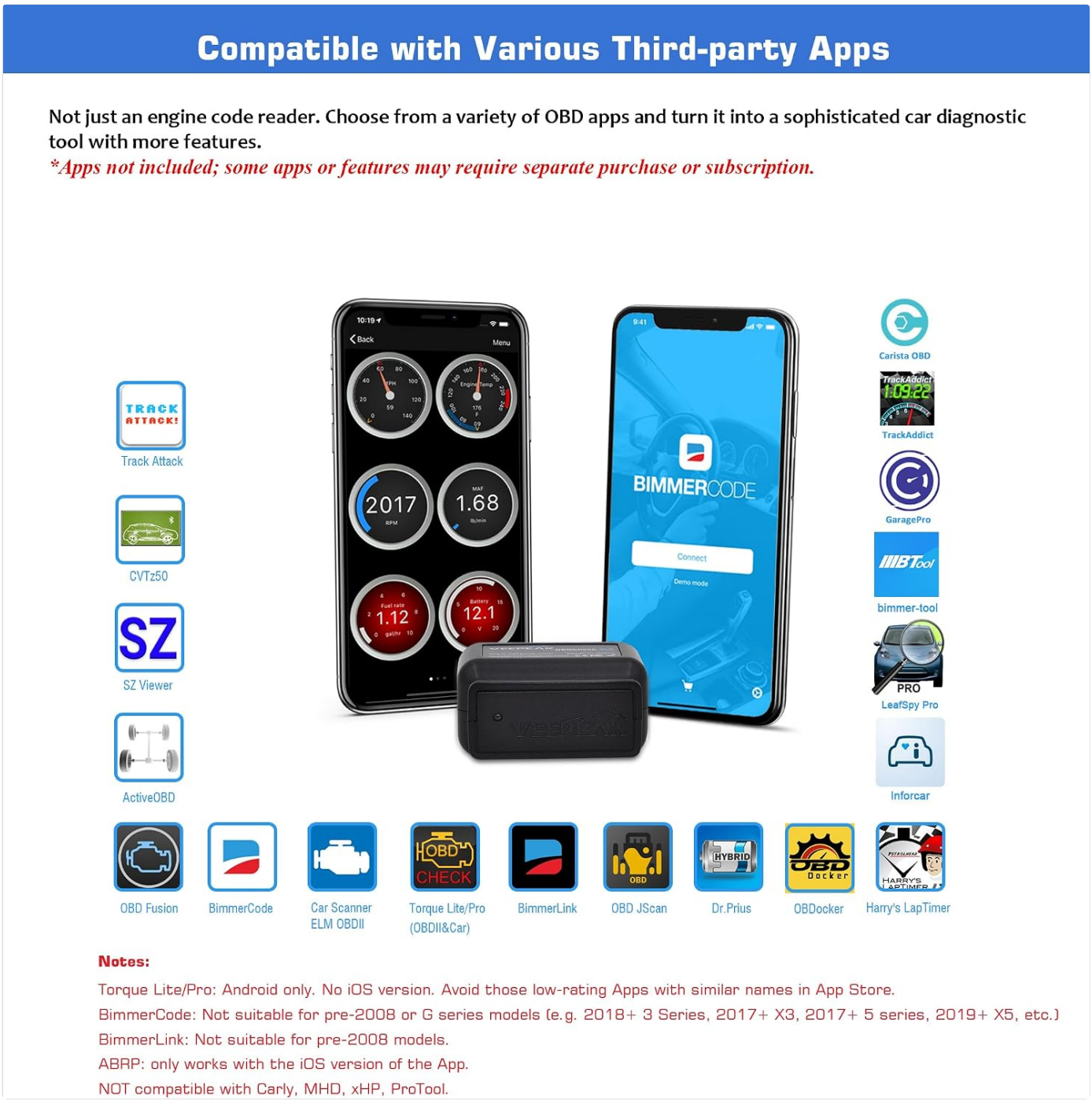


Image 2: An illustration of various third-party applications compatible with the Veepeak OBDCheck BLE, demonstrating its versatility across different diagnostic needs.

Recommended Apps for Standard OBD II Diagnostic Features
(App Not Included; requires separate download or purchase)

App Name	Developer	Compatible Platform	Notes:	Price (may vary depending on the developer)	
Car Scanner ELM OBDII	0vZ	iOS & Android	Compatible with a lots of hybrids & EVs and comes with a few extended PIDs for some vehicles. Please check in the App by selecting the car brand.	Mostly Free	
OBD Fusion	OCTech, LLC	iOS & Android	Comes with enhanced diagnostics for Ford, Lincoln, Mazda, Toyota, Lexus, Nissan, Infiniti, Dodge, RAM, Chrysler, Jeep, and some FIAT and Alfa Romeo vehicles.	Paid; enhanced diagnostics require separate in-app purchase	
Infocar - OBD ELM Diagnostic	Infocar Co., Ltd.	iOS & Android	A smart vehicle management app that provides vehicle diagnosis and information on driving style.	Mostly Free with in-app purchase for some premium features	
Torque Lite/Pro (OBD II & Car)	Ian Hawkins	Android only	Do NOT mix it with those apps with similar names which may not be supported.	Pro version is paid	
Unsupported & Not recommended iOS Apps		Torque Car Pro - OBD2 Scanner, Torque Pro: OBD2 Car Scanner, Torque App: Car Check, Tracker, Torque OBD2, OBD2 Car Scanner - Torque FixD		**These Apps are usually poor imitations, have very limited features, and may ask you to pay or subscribe.**	

FYI, vehicles since the following model year are OBD II compliant and compatible (excluding hybrid plug-in and electric vehicles):

United States	1996
Canada	1998
European Union	2001 (gas), 2004 (diesel)
Australia	2006 (gas), 2007 (diesel)
Mexico	2006
Japan	2002
Brazil	2007 (gas), 2015 (diesel)
New Zealand	2006

Note: If your vehicle does not fall into any of the above categories, look under the hood and try to locate a label that explicitly states that the vehicle was designed to comply with OBD-II legislation.

Image 3: A table detailing recommended apps for standard OBD II diagnostic features, including their developer, compatible platform, notes, and potential pricing.

Common Advanced Third-Party Apps (for some advanced features on selected vehicles; App price NOT included)					
App Name	Compatible Platforms	Compatible Vehicles	Special Notes	Main Features	Price
BimmerCode	iOS & Android	2008+ E Series, F Series, I Series, 2008+ R Series	Not compatible with BMW/Mini Models before 2008; G series not fully supported; follow the steps in user instructions to connect.	For BMW & Mini Coding	Paid
BimmerLink	iOS & Android	MY2008+	Not compatible with BMW/Mini Model Year before 2008	Read trouble codes, display real-time sensor values, register a new battery, service reset, etc.	Paid
OBD JScan	iOS & Android	Selected Jeep, Chrysler, Dodge, RAM. Check on the App for details.	iOS: select "Auto connect to Bluetooth 4.0 Low Energy" as the OBD adapter. Android: select VEEPEAK under Bluetooth OBD (2.0, 3.0) adapters as the OBD adapter	Advanced diagnostics, sensor data in all modules, customization, tire size change, ETC Relearn, etc.	In-app purchase
Dr. Prius	iOS & Android	2003+ Prius & Toyota/Lexus hybrid models	iOS: tap to select VEEPEAK under Bluetooth Low Energy and click "Connect OBD". Android: tap to select VEEPEAK under Bluetooth OBD to connect.	Examine/monitor the health of the vehicle High Voltage battery	Free with in-app purchase
Carista	iOS & Android	Selected Toyota, Nissan, Lexus, Infiniti, VW, Audi, BMW, Mini models	Select ELM32 Bluetooth (Android), or ELM32 Bluetooth LE (iOS) as the Adapter; Extra feature availability depends on the specific vehicle. Check App website for feature details.	Diagnose, customize, service and live data. Requires subscription for advanced features.	Basic OBD features are free

Note:
1. Please check on the App page for the latest vehicle compatibility information.
2. Also compatible with bimmer-tool (only for MY2008+), ABRP (iOS version only), Leaf Spy Pro, CVTz50, GaragePro, OBDocker, FORScan Lite (no MS-CAN support), AlfaOBD, etc.
3. Apps require separate download or purchase from Play Store or App Store. For detailed App features, please go to App website to check.
4. NOT compatible with Bluedriver, FIXD, Carly, MHD, xHP, ProTool Apps.

Image 4: A table outlining common advanced third-party applications, their compatible platforms, vehicles, special notes, and main features.

2.3 Connection Guide for iOS Devices

1. Install your preferred OBD app from the App Store (e.g., Car Scanner ELM OBD2).
2. Go to your device's Bluetooth Settings. If you see "VEEPEAK" under "Other Devices," do not connect here. The device uses Bluetooth LE, and the connection will be made directly by the OBD app.
3. Start the OBD app. Select the connection type (e.g., Bluetooth LE (4.0)) and then select "VEEPEAK" from the list of devices.

4. Go back to the main app page and tap the "Connect" button. Once connected, you can begin using the scanner.

Troubleshooting Tip for iOS: If you accidentally tap on "VEEPEAK" in your iOS Bluetooth settings and see an "unsupported" error, restart your iOS device. Do not attempt to connect again in settings; proceed directly to step 3 within the app.

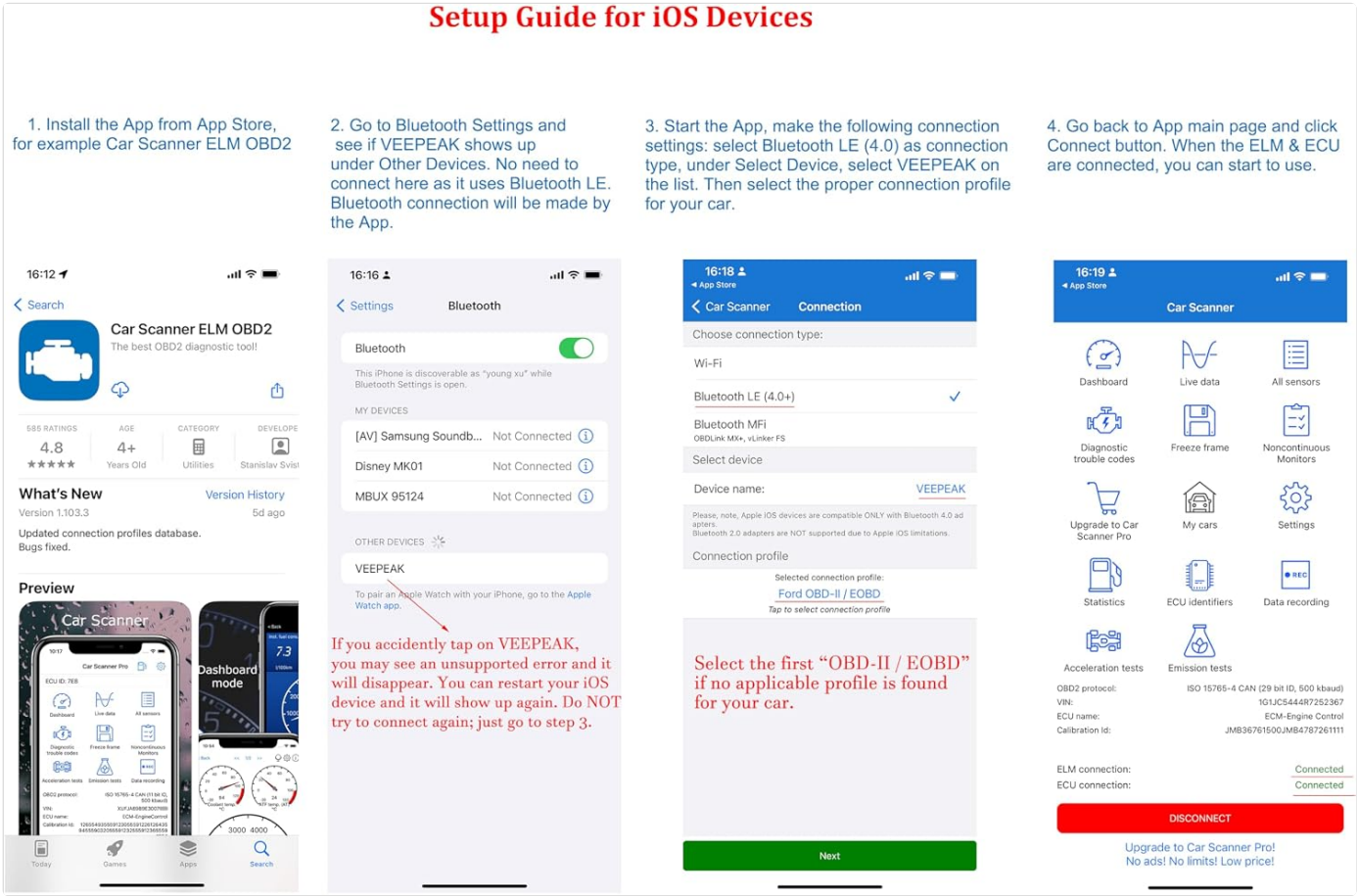


Image 5: A visual guide demonstrating the connection process for iOS devices, showing app installation, Bluetooth settings, and in-app connection steps.

2.4 Connection Guide for Android Devices

1. Install your preferred OBD app from the Google Play Store (e.g., Car Scanner ELM OBD2).
2. Go to your phone's Bluetooth Settings and pair with the new device. When "VEEPEAK" appears, tap on it. Use PIN **1234** if prompted.
3. After successful pairing, open the OBD app. Grant any necessary app permissions.
4. In the app's settings, select "Adapter type" (e.g., OBDII ELM327) and then choose "VEEPEAK" as the device.
5. Go back to the main app page and tap the "Connect" button. Once connected, you can begin using the scanner.

Troubleshooting Tip for Android: If the device does not show as "connected" after pairing (e.g., on Pixel 4a, it might show "Saved"), you can ignore this and proceed to the next step of connecting within the app.

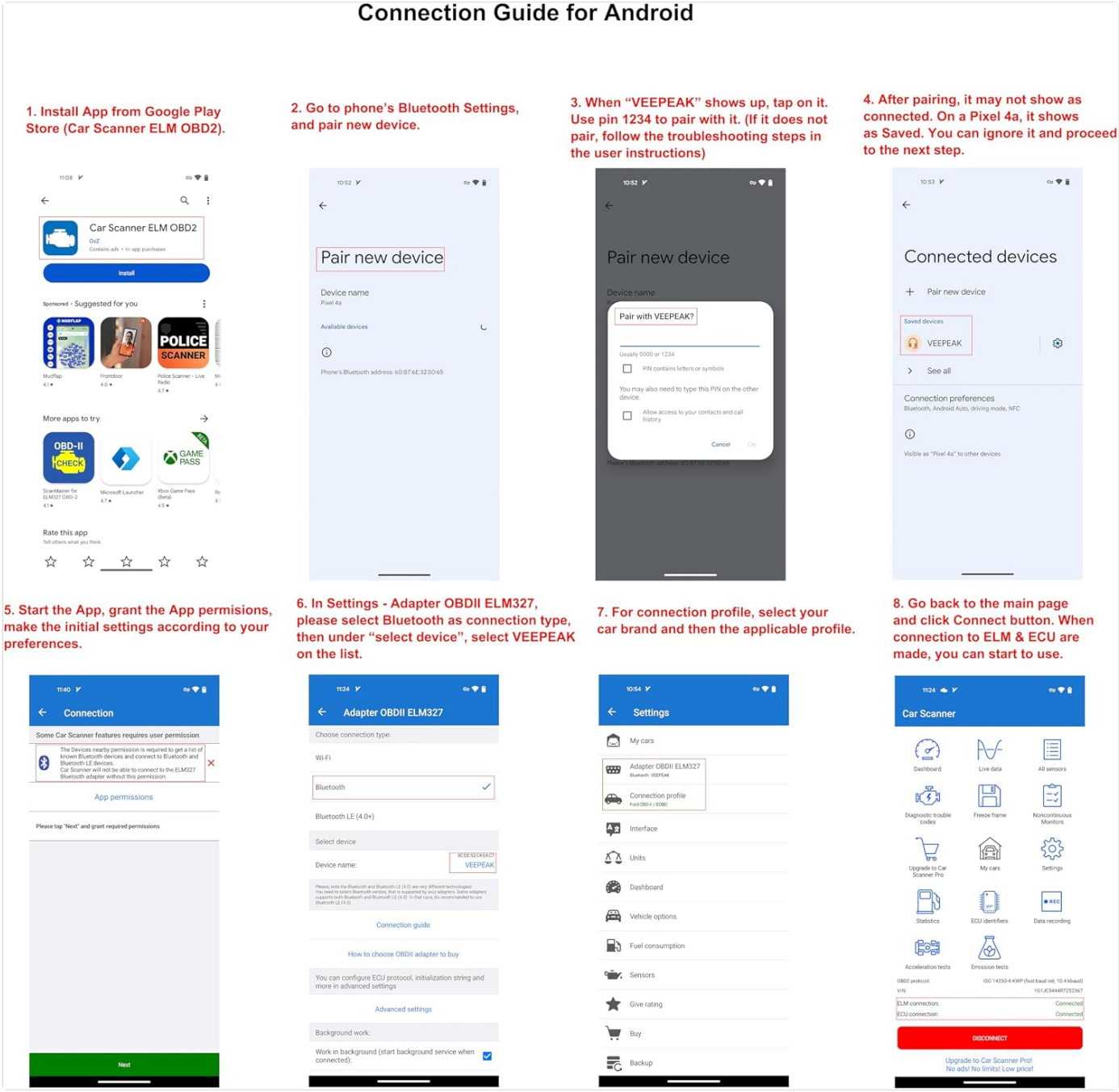


Image 6: A visual guide detailing the connection process for Android devices, including app installation, Bluetooth pairing, and in-app connection settings.

3. Operating the Device

3.1 Generic OBD II Functions

Once connected, the Veepeak OBDCheck BLE allows you to perform standard OBD II diagnostic functions, including:

- Reading and clearing Diagnostic Trouble Codes (DTCs) from the engine light.
- Viewing freeze frame data, which captures engine conditions at the moment a fault code was set.
- Monitoring real-time sensor measurements (e.g., RPM, vehicle speed, coolant temperature, oxygen sensor readings).
- Checking I/M (Inspection/Maintenance) readiness status to determine if your vehicle is ready for an emissions test.
- Creating custom dashboards within the app to display preferred data.
- Estimating fuel consumption.

3.2 Vehicle Compatibility

The device is compatible with most vehicles that support the OBD II standard. This generally includes:

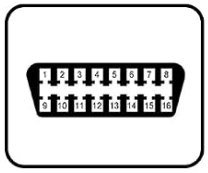
- Gasoline vehicles manufactured from model year 2001 onwards in the EU and UK.
- Diesel vehicles manufactured from model year 2004 onwards in the EU and UK.

For advanced functions such as ABS/airbag diagnostics or manufacturer-specific data (e.g., DPF regeneration status), compatibility is limited to selected vehicles and requires specific third-party applications. Please consult the user instructions or app documentation for detailed availability.
Note for Hybrid and Electric Vehicles: Plug-in hybrid and electric vehicles often require specialized apps like "Car Scanner ELM OBD2" with specific EV connection profiles to establish a connection, as they may not adhere to standard OBD II protocols.

Vehicle Compatibility

Compatible with cars and light trucks made since the following year
(Does not apply to EVs & PHEVs):

United States	1996
Canada	1998
European Union	2001 (gas), 2004 (diesel)
Australia	2006 (gas), 2007 (diesel)
Mexico	2006
Japan	2002
Brazil	2007 (gas), 2015 (diesel)
New Zealand	2006



Please refer to User Guide under "Product guides & documents" for details:
*This compatibility is only appliable for standard OBD-II diagnostic functions.
**Advanced diagnostics & sensor data (e.g. ABS, SRS, transmission, TPMS) or features (e.g. coding, service reset) are only available for selected vehicles via specific apps.
***EVs & PHEVs require special apps such as Car Scanner ELM OBD2 using the proper connection profile. Not all of them are supported.

Image 7: The Veepeak OBDCheck BLE device connected to a vehicle's OBD-II port, illustrating its compact size and discreet placement. The image also includes a table detailing vehicle compatibility by region and model year.

4. Maintenance

The Veepeak OBDCheck BLE is designed for low maintenance. Keep the device clean and free from dust and moisture. Store it in its provided mini carrying case when not in use to protect it from damage. No user-serviceable parts are inside the device.

Image 8: The Veepeak OBDCheck BLE device shown alongside its compact mini carrying case, highlighting its portability and ease of storage.

5. Troubleshooting

If you encounter issues while using your Veepeak OBDCheck BLE, consider the following common troubleshooting steps:

- **Connection Issues:**
  - Ensure the device is firmly plugged into the vehicle's OBD-II port.
  - For iOS, remember to connect directly within the app, not through the phone's Bluetooth settings. If you accidentally tap on "VEEPEAK" in iOS Bluetooth settings and it shows an error, restart your iOS device and try connecting via the app again.
  - For Android, ensure Bluetooth is enabled and the device is paired (PIN 1234 if required). If it shows "Saved" but not "Connected" after pairing, proceed to connect within the app.
- **App Functionality:**
  - Verify that you are using a compatible third-party app. Refer to Section 2.2 for a list of compatible and incompatible apps.
  - Ensure the app is up-to-date.
  - Some advanced features or manufacturer-specific diagnostics may require a paid version of the app or an in-app purchase.
- **Vehicle Compatibility:**
  - Confirm your vehicle's model year and fuel type meet the general OBD II compatibility requirements (Section 3.2).
  - For hybrid or electric vehicles, ensure you are using an app with specific EV connection profiles.

- **No Data or Incorrect Readings:**
  - Ensure the vehicle's ignition is on (engine can be off or running, depending on the data you wish to retrieve).
  - Check the app's settings to ensure the correct vehicle profile or adapter type is selected.

For further assistance, consult the detailed user instructions available on the Amazon product page under "Product Manuals and Documents" or contact Veepeak customer support.

6. Specifications

Feature	Detail
Brand	Veepeak
Model Number	BLE
Item Weight	130 g
Product Dimensions (L x W x H)	4.09 x 5 x 2.21 cm
Power Source	OBD-II Port
Operating System Compatibility	Android & iOS
Automotive Fit Type	Universal Fit

7. Warranty and Support

The Veepeak OBDCheck BLE comes with a one-year hassle-free replacement warranty, ensuring peace of mind regarding your purchase. For any product-related inquiries, technical support, or warranty claims, please contact Veepeak customer service through the official channels provided with your product or on the Amazon product page.

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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

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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