OBDCheck BLE Quick Setup Guide

Step 1, Install the App on your phone
Step 2, Locate the OBD2 port and plug in the device
Step 3, Turn the ignition ON or start the vehicle
Step 4, Enable Bluetooth (No need to pair with "VEEPEAK" on iOS; on Android, pair using PIN 1234)
Step 5, Start the App, make connection setting and connect
Please refer to detailed instructions, compatible Apps and App settings in the User Manual.

User Manual

The Veepeak OBDCheck BLE is an easy-to-use, inexpensive and small OBD2 device that turns your Bluetooth-enabled smartphone, tablet or laptop into a sophisticated diagnostic scan tool and real-time performance monitor. Read and clear engine trouble codes, reset the Check Engine light as well as display live sensor readings with the use of a downloaded OBD2 App. The device works with cars and light trucks that are OBD II compliant.

Note

1. Erasing the trouble code does not mean the fault have been solved. You should repair your vehicle as soon as possible.
2. Not all dash light trouble codes can be read as OBD2 is primarily designed for engine diagnostics system. Other systems like ABS, SRS, VSC, TPMS etc. use different protocols to communicate so it depends on the manufacturer and the app capabilities.

I. How to know if your vehicle is OBD II compliant

All 1996 and newer vehicles (cars and light trucks) sold in the United States must be OBD II compliant. A small number of 1994 and 1995 model year gasoline vehicles are also OBD II compliant (Please check the mission label under the hood for text saying it is OBD-II/EOBD certified).
Some other regions:
Australia – 2006 (gas), 2007 (diesel)
Brazil – 2007 (gas)
Canada – 1998
European Union – 2001 (gas), 2004 (diesel)
India – 2010
Mexico – 2006

II. Product Specifications

1. Communication method: Bluetooth LE for iOS and Classic Bluetooth for Android (not WiFi!)
2. Supported devices: iOS (iPhone, iPad), Android (phones, tablets), Windows. (May not work with Android head units/stereos)
3. Operating voltage: 9V~16V
4. Operating current: Max 45mA
5. Operating temperature: -40~85°C
6. Dimension: 1.61" x 1.97" x 0.87"
7. Supported OBD II Protocols: SAE J1850 PWM, SAE J1850 VPW, ISO 9141-2, ISO14230-4 (KWP2000), and ISO15765-4 CAN

III. Recommended Third Party Apps (Fee listed is for reference only and may fluctuate. Some apps offer in-app purchase for advanced features. Consult with the developer for app features and fees)

For iOS (from App Store)
OBD Fusion - $9.99, check engine light diagnostics, create dashboard, show PIDs, plus enhanced diagnostics for Ford, Lincoln, Mercury, Mazda, Toyota, Lexus, and Scion vehicles
DashCommand - $9.99, check engine light diagnostics, create dashboard, check car performance, sensor data plus paid PID packs for specific car models

Dash - Drive smarter, safer and greener plus check engine light diagnostics (free)
CAR SCANNER ELM OBD2 - See what your car is doing in realtime, get OBD fault codes, car performance, sensor data and more! (Most features for free)
TripLog - Track your vehicle mileage
Carista OBD2 - Diagnose, customize, and service your car (dealer-level technology for Audi, VW, Toyota, Lexus, BMW, etc.) (free with paid features)
OBD Auto Doctor - Check engine light diagnostics (free with paid features)
TrackAddict - Smartphone Race Timing and Video+Data Acquisition
LeafSpy – For Nissan Leaf owners to monitor the battery and other vehicle information normally visible only to the dealer
BimmerCode - Coding your BMW or Mini made simple.

For Android (from Google Play)
Torque Pro ($4.95, Torque Lite is free to trial)
OBD Fusion ($3.99), DashCommand ($9.99)
Carista OBD2, OBD Auto Doctor, Dash, EOBD Facile, Piston, OBD Car Doctor etc.

More Apps may be added to the compatibility list. Product page will be updated accordingly.

IV. Device Setup Instructions

Step 1: Download and install the APP from App Store or Google Play Store.
Step 2: Plug the device into the 16-pin Data Link Connector (DLC) on your vehicle. Make sure it fits well. Blue LED should be on.
Step 3: Turn ignition key to the ON position (or start the vehicle).
For Push Button Start vehicles, press the button once to twice without putting your foot on the brake pedal (all dash lights on; check your car manual).
Step 4: Enable Bluetooth function on your device.
For iOS (iPhone, iPad), you will see 'VEEPEAK' on the Bluetooth device list but do not pair with it. Go to Step 5 directly.
For Android or Windows devices, pair and connect with device "VEEPEAK". Pin is "0000" or "1234"
Step 5: Run the APP, make the connection settings and connect.
Note: Turn the ignition OFF before plugging in or remove the OBD2 device from the vehicle's DLC.

V. App Settings (Use Bluetooth LE for iOS apps. For Android Apps, use Bluetooth connection instead of Bluetooth LE)

OBD Fusion (iOS), Settings > Preferences > Communications: Bluetooth LE
DashCommand (iOS & Android), Settings > OBD-II Interface Type: ELM
Carista OBD2 (iOS & Android): select "Carista" as Adapter Type
OBD Auto Doctor (iOS): Extra > Connectivity: click "Bluetooth" and select "VEEPEAK BLE"
Bimmercode (iOS): Setting > Adapter: select Veepeak OBDCheck BLE.
CAR SCANNER ELM OBD2 (iOS): Setting > Connection > Connection type: Bluetooth LE (4.0); Device name: Veepeak.

Torque (Android): Setting > OBD2 Adapter Setting > Connection Type: Bluetooth; Choose Bluetooth Device: VEEPEAK. Quit and restart the App.
OBD Fusion (Android), Settings > Communications > Connection Settings: Communication Type - Bluetooth; Bluetooth Device – VEEPEAK

Other Apps may have similar settings. If you are not sure or have trouble connecting, contact us at **support@veepeak.com**.

VI. FAQ and Troubleshooting

1. How to know if my vehicle is OBD2 compliant? Does it work with OBD I vehicles.
It does NOT work with OBD I vehicles. For OBD II compliant vehicles, there should be a 16 pin DLC (Diagnostic Link Connector) usually under the dash or behind ashtray and a note on a sticker or nameplate under the hood: "OBD II compliant/certified". EOBD/JOBD vehicles are also supported.

2. Which devices does it support?
It works with iOS devices at Bluetooth LE mode as well as Android or Windows devices at classic Bluetooth mode. Remember not to pair with VEEPEAK from the iOS Bluetooth menu.

3. When I try to connect to "VEEPEAK" from the Bluetooth menu it tells me it is not supported.
On iOS devices, you will see this error when trying to connect to Bluetooth Low Energy devices from the system Bluetooth Setting. You do not need to connect here. Please reboot your iOS device and enable Bluetooth so "VEEPEAK" shows up again. Then start the app to connect.

4. Do I need to pay extra to use this device? Is an App required?
We do not charge you any extra fees to use this device but the device requires a third-party App to work. The App may require purchase (normally from free to $9.99 decided by the app developers). Some Apps also offer in-app purchase for advanced features.

5. After I tried to pair with it in iPhone's Bluetooth, the device no longer shows up and App won't connect to it.
Please reboot your iPhone.

6. The pairing is asking for a PIN or fails (Android/Windows).
When connecting to the device via Bluetooth, you may be prompted to enter a pin. Use "1234" or "0000". If it fails to connect after entering the pin, or it asks for a 16-digit pin, please reboot your phone and try again. The device may not work with some Android head units.

7. Can I leave the device plugged in all the time?
You can leave the device plugged in for some time (depending on the battery condition), as it uses very little power when not working. If you leave your car sitting for more than 3 weeks, we recommend that you remove the adapter.

8. "VEEPEAK" is not showing up on my phone's Bluetooth device list.
If you have tried to pair from iOS Bluetooth menu, please reboot your iOS device. Check if the blue LED is on and if the cigar fuse of your vehicle is in good condition. You can also try with another vehicle to verify. If still no LED on or Bluetooth signal, contact us for assistance.

9. The VEEPEAK OBD-II device not connecting to App.
Make sure Bluetooth is enabled on your phone ("VEEPEAK" shows up; for Android, you will need to pair first). Make sure the app is compatible and the correct connection settings is made in the App. If no luck, contact us for assistance.

10. Cannot connect to a car or detect OBD-II Protocol.
Verify if your vehicle is OBD2 compliant and the ignition is at ON. Also start the vehicle to try again. Try it on another vehicle if possible. If it fails to connect to both vehicles, contact us for assistance.

11. Connection drops during use.
Try with a different phone/App/vehicle to see it happens again. If the connection drops and requires unplugging device and re-plugging in, please contact us for firmware update.

12. Can it read my ABS, airbag, and other non-Check Engine lights?
Most OBD2 Apps only provide basic check engine light diagnostics. You will need a specific App that can do diagnostic on these modules on your specific vehicle. Contact us or the app developer if you are not sure (currently OBD Fusion, Carista OBD2 provide enhanced diagnostics on select vehicles). Oil change or maintenance required lights cannot be read since there is no error code for them.

13. Which sensor data can I get?
O2 Readings, EOT, EGT, Throttle, Boost, Speed, Fuel Trim, DPF Temp, Balance Rates and more.
Remember readable parameters depend on what's installed on the OBDII system by the manufacturer. Generally, newer vehicles will give more readings and faster refresh speed. Please also note that more sensors you have on the list the refresh frequency is lower. It is because the vehicle bus/OBD device throughput is limited. Some readings like transmission temp are manufacturer-specific and you will need the custom PID. Contact the app developer to verify if it's supported.

VII. Support and Warranty

For technical support or warranty service, contact us at **support@veepeak.com** or visit **www.veepeak.com** to send us a message. Emails usually be answered within 24 hours. Products are covered by one year hassle-free replacement warranty against defect.