



User Manual

OBDCheck Pro WiFi



Automotive OBD II Diagnostic Scanner

The OBDCheck Pro is an easy-to-use, inexpensive and small WiFi OBD2 adapter that can turn your smartphone, tablet or laptop into a sophisticated diagnostic scan tool and real-time performance monitor. Read and clear trouble codes, turn off the MIL (Check Engine Light) as well as display current sensor data with the use of a downloaded OBD2 App from App Store or Google Play. The adapter supports all five legislated OBD-II protocols, and works with cars and light trucks that are OBD2/EOBD compliant.

Two factors will show if your vehicle is OBD II compliant:

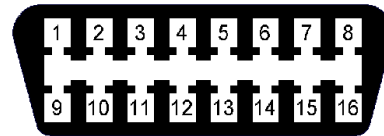
1. There will be an OBD II connector, and
2. There will be a note on a sticker or nameplate under the hood stating "OBD II compliant" or "OBD II Certified".

USA: since 1996 and some late 1995
 European Union: since 2001 (gas) or 2004 (diesel)
 Canada: since 1998 and after

Australia – since 2006 (gas) or 2007 (diesel)

Product Specifications:

1. Communication method: WiFi
2. Support OS: iOS, Android, Windows, Windows Mobile, and Symbian
3. Operating voltage: 9V~16V
4. Operating current: 80~85mA
5. Operating temperature: -40~85°C
6. WiFi SSID: OBDCHECK Password:veepeakobd2
7. Dimension: 2.20 x 1.18 x 0.91 inches



Supported OBD II Protocols:

- SAE J1850 PWM (41.6 Kbaud)
- SAE J1850 VPW (10.4 Kbaud)
- ISO 9141-2 (5 baud init, 10.4 Kbaud)
- ISO14230-4 KWP (5 baud init, 10.4 Kbaud)
- ISO14230-4 KWP (fast init, 10.4 Kbaud)
- ISO15765-4 CAN (11bit ID, 500 Kbaud)
- ISO15765-4 CAN (29bit ID, 500 Kbaud)
- ISO15765-4 CAN (11bit ID, 250 Kbaud)
- ISO15765-4 CAN (29bit ID, 250 Kbaud)

To verify which OBD2 protocol you vehicle uses, check the OBD2 connector pins:

- Pin 2 - J1850 Bus+
- Pin 4 - Chassis Ground
- Pin 5 - Signal Ground
- Pin 6 - CAN High (J-2284)
- Pin 7 - ISO 9141-2 K Line
- Pin 10 - J1850 Bus
- Pin 14 - CAN Low (J-2284)

- Pin 15 - ISO 9141-2 L Line
- Pin 16 - Battery Power
- J1850 VPW -- metallic contacts in pins 2, 4, 5, and 16, but not 10.
- ISO 9141-2/KWP2000 -- metallic contacts in pins 4, 5, 7, 15, and 16.
- J1850 PWM -- metallic contacts in pins 2, 4, 5, 10, and 16.
- CAN -- metallic contacts in pins 4, 5, 6, 14 and 16.

How to use:

- Step 1: Download and install the APP at your choice (see recommended).
- Step 2: Plug the scanner into the OBD II port on your vehicle. Make sure it fits snugly. (Red LED on)
- Step 3: Turn ignition key to the ON position (or start the engine).
- Step 4: Enable WiFi on your device, find the WiFi SSID: OBDCHECK and connect to it with password 'veepeakobd2' (Yellow LED flashes).

Step 5: For iOS, select Static IP Address, and enter this information: IP 192.168.0.11, Subnet Mask 255.255.255.0 and Gateway/Router 192.168.0.10. Then you can use your mobile data.

Step 6: Run the APP and make some settings until the scanner connects to vehicle ECU (Blue LED flashes when there is data communication).
 For DashCommand, Settings > Interface Type: ELM.
 For Torque, Setting > OBD2 Adapter Setting > Connection Type: WiFi.

For OBD Car Doctor, Choose Settings > Wi-Fi Settings:
 •IP Address: 192.168.0.10

•Port: 35000

For other apps, refer to the app instructions.

Recommended Apps:

For iOS (from App Store): DashCommand, OBD Car Doctor, OBD Auto Doctor, Engine Link, OBD Fusion, EOBD Facile, Carista etc.

For Android (from Google Play): Torque Pro.
 For Windows: PCMSCAN, ScanMaster, ScanTool etc.
Note: Apps may not be free and some functions may require in-app purchase.
 App user guide can be obtained from the developer website. If you could not find it, please contact us.

FAQ and Troubleshooting:

1. How to know if it works on my vehicle?
 There should be a 16 pin DLC (Diagnostic Link Connector) usually under the dash and behind ashtray and a note on a sticker or nameplate under the hood: "OBD II compliant/certified". May not work on some hybrid or electric vehicles.
2. Does it work with Android phones?
 Yes, it works with iOS and Android but some Android apps require a Bluetooth OBD2 adapter. Check the App requirements and choose according to your needs (Torque would be a great choice for Android).

3. Can I have access to internet when connected to OBDCheck?
 The OBDCheck WiFi does not provide access to the Internet. For iOS, set static IP address to use your mobile data: IP 192.168.0.11, Subnet Mask 255.255.255.0 and Gateway 192.168.0.10. For Android, this does not help.
4. Can I leave the scanner plugged in all the time?
 Because OBD2 port is always powered, the scanner will still have very low power consumption when vehicle is turned off. We suggest you turn it off or remove it from the OBD port if it will not be used for several days (especially when the battery is old).

5. WiFi signal is not showing up on my phone's WiFi list.
 Check if the adapter is fully plugged in and the red LED indicator lights on. Check if the OBD connector of your vehicle is in good condition and try on another vehicle if possible.
6. OBD-II interface not found (DashCommand).

Make sure your key is on and the OBD-II hardware is powered up (vehicle can be running also). Go to Settings and make sure you have selected the correct Hardware Type: ELM.
 7. Error detecting OBD-II Protocol (DashCommand). Verify if your vehicle is OBD2 compliant and which OBD2 protocol it uses.

Different Apps have different error information and their own technical support. More troubleshooting guides can be found from the App user guide. There are three LED indicators (Power, Link and Data) for your troubleshooting reference.

8. 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. 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.
 9. The scanner does not fit into the OBD port.
 Use an OBD2 extension cable:
<http://www.amazon.com/dp/B01C2M2ZZG>

Scan the QR code to download App from Apple App Store



DashCommand



Engine Link



OBD Car Doctor



OBD Fusion

Scan the QR code to download App from Google Play



Torque Lite

Warranty

Customer Support: support@veepeak.com
 Website: www.veepeak.com
 1-Year Warranty from date of purchase covering manufacturing defects: hassle-free replacement



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