

User Instructions for OBDCheck VP01 V2.2408

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I. Vehicle Compatibility

Compatible with cars and light trucks made since the following year (OBD II / EOBD Compliant):

USA – 1996, Canada – 1998

European Union – 2001 (gas), 2004 (diesel)

Australia – 2006 (gas), 2007 (diesel)

Mexico – 2006, etc.

Note:

1. Above compatibility only applies to standard OBD II features (emission-related check engine diagnostics & sensor data), and does not include any advanced features like enhanced diagnostics* (such as transmission, ABS, airbag, body control, TPMS), service reset, etc.
2. For hybrid plug-in or all-electric vehicles, special OBD2 Apps are required such as Car Scanner ELM OBD2 via corresponding connection profiles (see FAQ 5).
3. OBD I vehicles, commercial vehicles (HD-OBD or J1939), and motorcycles are not compatible.

***What's the difference between OBD-II standard and enhanced/advanced diagnostics?**

The On-Board Diagnostics II (OBD-II) standard and advanced diagnostics refer to different levels of diagnostic information and capabilities in vehicles.

OBD-II Standard diagnostics: Mandated by regulatory bodies (e.g., EPA in the United States) for all cars and light trucks sold in certain regions and focuses on emissions-related data to ensure vehicles comply with environmental standards. It provides access to a set of standardized diagnostic trouble codes (DTCs), and live data parameters (standard PIDs) such as engine RPM, vehicle speed, fuel system status, and oxygen sensor readings. These data and codes are standardized across different makes and models, ensuring that a generic OBD-II scanner can read the basic diagnostic information from any compliant vehicle.

Advanced Diagnostics: provides additional level of diagnostic data beyond what is required by the OBD-II standard, including proprietary diagnostic trouble codes, and extended parameter identifications (PIDs). These data are often specific to the vehicle manufacturer and model. Advanced Diagnostics usually refers to various vehicle systems such as transmission, ABS, airbags, body control modules, and more, which requires more capable diagnostic tools or software that can interpret manufacturer-specific codes and data.

Enhanced diagnostics are only available for selected vehicles when used with the following Apps (please check the detailed vehicle compatibility on the App website):

OBD Fusion: for selected Ford, Lincoln, Mercury, Mazda, Toyota, Lexus, Scion, Nissan, Infiniti, Dodge, RAM, Chrysler, Jeep, and some FIAT and Alfa Romeo vehicles (via in-app purchase of enhanced diagnostic add-on).

AlfaOBD: for selected FCA vehicles.

FORScan Lite: for selected Ford, Mazda, Lincoln vehicles.

II. Apps Recommendations & Connection Tips

(*All apps listed below are from third parties, and some apps or features may require separate purchase)



Car Scanner ELM OBD2 (iOS & Android; mostly free)

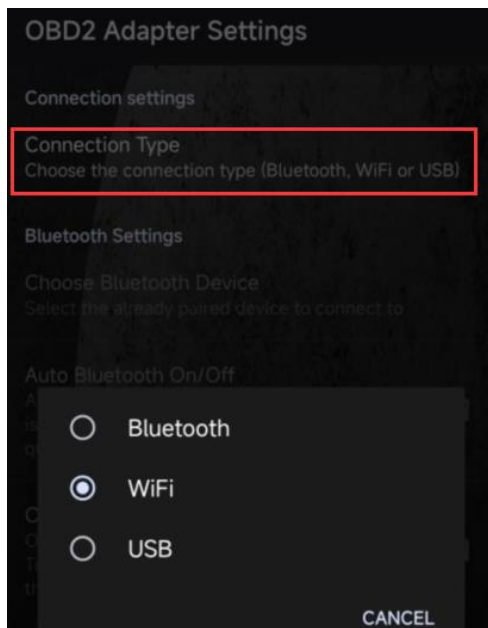
A vehicle performance / trip computer / diagnostics tool that uses an OBD II adapter to connect to your OBD2 engine management / ECU. It includes a lot of connection profiles that gives you some extra features for many vehicles including EVs.

Please go to Settings – Adapter OBDII ELM327, select Wi-Fi as connection type, and do not change the default IP & port (192.168.0.10, 35000).

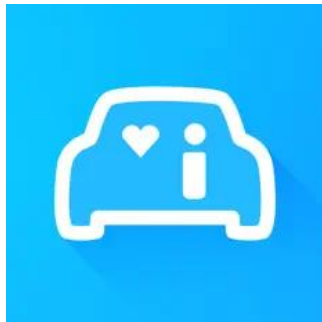


Torque Pro (OBD 2 & Car): paid. This App only has Android version.

Popular vehicle performance, sensors and diagnostics tool.



Please go to Settings – OB2 Adapter Settings, select WiFi as Connection type, and do not change the default IP & port (192.168.0.10, 35000). Then close the App and re-start it.



Infocar (iOS & Android)

A smart vehicle management app that provides vehicle diagnosis and information on driving style.

<
Connection
i
↺

Connection type

Bluetooth LE 4.0

Wi-Fi

Connection settings

Protocol & Data

Wi-Fi Settings

Adapter IP address (default: 192.168.0.10)

192.168.0.10

Adapter PORT (default: 35000)

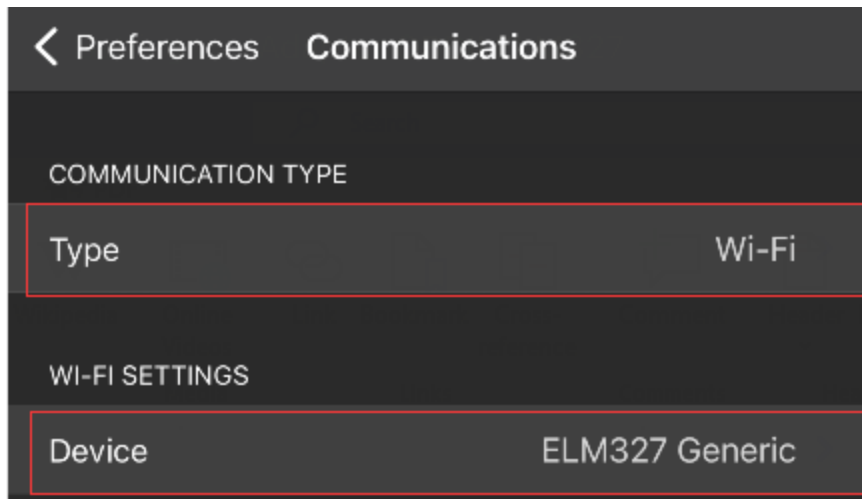
35000

Tap on "Connection" or go to Settings, select Wi-Fi as Connection type, and use the default IP & port: 192.168.0.10, 35000.



OBD Fusion (for iOS version only, paid, plus in-app purchase for enhanced diagnostics)

Read DTCs & clear check engine light, create customized dashboards, estimate fuel economy, and much more, plus enhanced diagnostics for Ford, Lincoln, Mercury, Mazda, Toyota, Lexus, Scion, Nissan, Infiniti, Dodge, RAM, Chrysler, Jeep, and some FIAT and Alfa Romeo vehicles.



iOS: please go to Settings – Preferences - Communications, select Wi-Fi as the communication type, ELM327 Generic as the device.

These Apps on App Store are poor or bad imitators which may not work well. Please try to avoid them.

Torque Car Pro - OBD2 Scanner,
Torque Pro: OBD2 Car Scanner,
Torque App: Car Check, Tracker,
OBD2 Car Scanner - Torque FixD,
Torque OBD2,
Torque OBD2 – Car Check Engine.

III. Quick Setup Guide

- 1: Download and install the APP at your choice according to phone OS (see recommended apps in Part II).
- 2: Plug the device into the OBD II port on your vehicle. Make sure it fits well. There is no visible light due to the black enclosure.
- 3: Turn ignition key to the ON position. **For Push Button Start vehicles, press the button once to twice without putting your foot on the brake pedal (check your car manual).**
- 4: Enable WiFi on your phone or tablet, find WiFi network named “WiFi_OBDII” and join it.
- 5: Run the APP, make any necessary app settings (see detailed settings in Part II), grant related permissions (especially **local network, or nearby devices**) and connect.

Note:

***Apps can be downloaded from Google Play Store, or Apple App Store. App price is decided by the developer.**

*** There is no visible power LED indicator which does not mean the product is not working. Please check if “WiFi_OBDII” shows up on your phone’s WiFi list.**

***It does not have Bluetooth connectivity.**

***Some phones may warn you that your phone does not connect to internet. You can ignore it because the device’s WiFi does not provide internet access.**

*** Please grant the App “local network (iOS)” or “nearby devices (Android)” permission in order to connect to the device.**

IV. FAQs

1. Is there an App included with the device?

No, an OBD2 app is required but not included. There are many great third-party OBD2 apps available to download (some may require purchase) from Google Play Store and Apple App Store. ***What features you can get mainly depends on the chosen App.*** For generic OBD2 functions, we recommend Car Scanner ELM OBD2, or Inforcar, because most basic features are free.

2. Which devices does it support?

The OBDCheck VP01 is compatible with Apple iOS and Android devices via Wi-Fi. You need to join the WiFi network created by this device. *Note: it does not use Bluetooth; the device's WiFi does not provide internet access.*

3. What's the IP address and port number for this device?

192.168.0.10 & 35000. Most OBD2 Apps have these default values so usually you do not need to change them.

4. Is there any led indicator on when it's plugged in?

The LEDs are blocked by the black enclosure so they are invisible. As long as you see WiFi network "WiFi_OBDII" on your phone or tablet, it means the device is powered on.

5. Can I leave the device plugged in all the time?

No, Wi-Fi version consumes more power than Bluetooth, and it may drain your car battery if left plugged in all the time (OBD port is always powered).

6. Does it work with hybrid plug-in (PHEV) or all-electric vehicles (BEV)?

Most EVs (including PHEVs) do not follow standard OBD II specs, so you may need a capable App with EV support to connect, for example ***Car Scanner ELM OBD2 (select the corresponding connection profile).***

7. Can it reset my ABS, airbag, and other non-Check Engine lights?

Most OBD2 Apps only provide basic emission-related check engine light diagnostics. For most vehicles, the answer is no. It cannot reset ***oil service or maintenance required lights.***

8. Which sensor data can I get?

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.

9. Does it read transmission temperature?

The transmission (fluid) temperature is a ***manufacturer specific PID*** so it's not read by most generic OBD2 Apps. Car Scanner ELM OBD2 App may support extended PIDs for some vehicles. Please check the connection profile in the App or contact Veepeak.

10. Which apps is the device incompatible with?

The VP01 is incompatible with BimmerCode, BimmerLink, OBDeleven, Carly, MHD, ProTool, Carista, etc.

11. Where can I find how to connect & use videos?

Please visit the product page "Product guides & documents", Veepeak product page or scan the QR code on the device to get the latest user instructions and product videos, plus connection, compatibility and troubleshooting guide.

V. Common Issues & Troubleshooting

1. Device does not power up (no power light).

There is no visible power led light when it's plugged in. Please first check if you can find WiFi name "WiFi_OBDII" on your phone or tablet. It will NOT send out a Bluetooth signal. If no WiFi signal shows up, check the cigar fuse of your vehicle. You can also try with another vehicle to verify.

2. Could not join "WiFi_OBDII".

Unplug the device, and re-plug it in, to try again. If still no help, contact customer support.

3. After connecting with the device's WiFi, the phone does not have internet access.

For iOS devices, you can tap on the "i" icon next to "WiFi_OBDII" and go to the WiFi configuration page, then select Manual for IPV4 and enter information below:

IP 192.168.0.11, Subnet Mask 255.255.255.0 and Router 192.168.0.10. Your cellular data will be available for internet access.

Unfortunately, we do not have a solution for Android. Please download the App before connecting to the device.

4. App not connecting to OBD II Device (ELM connection fails).

Make sure the App is compatible, and you have made the correct App connection settings (set to WiFi, see Part II) and granted the App permissions (local network, or nearby devices);

Remove and re-install the app (especially when you have an OS update);

Try with a different App such as Car Scanner ELM OBD2, Infocar, which are free to test.

5. Cannot connect to vehicle (ECU connection fails).

Make sure your vehicle is OBD2 compliant and the OBD2 connector is in good condition;

Check if your vehicle is supported by the App;

Make sure ignition is turned ON or start the vehicle to try;

Make sure it fits well in the OBD2 port. Try to push it a little harder into the OBD2 port if the contact is loose;

Try it on another vehicle to check if it's the problem with the device.

6. Connection is not stable and gets disrupted during use.

Turn off WiFi Assist (Settings – Cellular, scrolling to the bottom and disable WiFi Assist);

Keep the device as close as possible to your phone, turn off cellular data & Bluetooth, and close other Apps;

Do not switch to other WiFi networks during use (even though it says there is no internet connection);

Update the app to the most up-to-date version;

try with a different app (Car Scanner ELM OBD2 or Infocar) to see if it happens again.

7. No data is read after it connects to the vehicle.

Try with a different app and see if it makes any difference.

8. Could not read the trouble codes.

Try with a different App. If there are non-check engine lights on the dashboard, you may need a more capable App to read these codes.

9. Could not erase the trouble codes.

The manufacturer does not allow this erasing operation via generic OBD2 commands; the problem must be fixed first before the codes can be erased.

If you could not find the answer or still have troubles getting it to work properly after troubleshooting, please reach out to Veepeak customer support at support@veepeak.com for assistance or replacement. Please include a screenshot of the error message so we can better

look into the issue. Our customer service is friendly and the replacement process is hassle-free.

VI. Warranty & Support

All Veepeak products are covered by one-year replacement warranty against defect from the original invoice date. You can contact us through one of the following ways:

Scan the QR code on the device to go to the help page:

Visit Veepeak website to submit a contact form: <https://www.veepeak.com/support>

Email: support@veepeak.com.

Phone: +1 8333031434 (9:00AM - 5:00PM CST Monday – Friday).

VII. Disclaimer

Currently all features and functions are offered and achieved through third-party Apps.

Product names, logos, brands, vehicle makes/models and other trademarks featured or referred to within this user instructions are the property of their respective trademark holders. Use of them does not imply any affiliation with or endorsement by them.