User Instructions for OBDCheck VP11
V3.2602

Content

Important Information

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1. The VP11 is NOT compatible with iOS devices. For iPhone or iPad, please choose our Bluetooth LE version: OBDCheck BLE.

2. Currently there is no official Veepeak App coming with the device. A compatible third-party App is required. We recommend Car Scanner ELM OBD2, Torque, OBD Fusion, which can be got from Google Play Store.

3. This OBD2 device is primarily designed for standard OBD-II diagnostics and supports access to emissions-related systems and parameters (PIDs). Please note that systems such as ABS and SRS/Airbag are not part of the generic OBD-II standard; therefore, accessing data from these systems is generally not supported.

I. Vehicle Compatibility

The device is compatible with OBD-II or EOBD compliant vehicles, covering most vehicles produced from the model years below:
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 diagnostics (emission-related check engine diagnostics & sensor data), and does NOT include special functionalities like advanced diagnostics (like transmission, ABS, airbag, body control, TPMS), manufacturer-specific PIDs, coding or service reset (like oil light reset).

2. For electric vehicles (EVs) which do not have standard OBD II systems, capable OBD2 Apps such as Car Scanner ELM OBD2 are required to connect, and not all current EVs are supported (depending on the App development).

3. OBD-I vehicles, motorcycles or commercial vehicles (HD-OBD or J1939) are not compatible.

4. My car has the 16-pin OBD connector, shouldn't it be OBD2 compliant?
No, not necessarily. A lot of European and Asian manufacturers equipped their vehicles with D-shaped 16-pin connectors long before they began installing OBD2 systems on those vehicles. One curious thing to note here is the fact that most non-EOBD compliant vehicles had a DLC that does not fully conform to SAE J1979.

If your vehicle does not fall into any of the above regions, you can look under the hood and try to locate a label that explicitly states that the vehicle was designed to comply with OBD-2 legislation.

II. Apps Recommendations & Connection Tips
(*All apps listed below are their Android versions)

Car Scanner ELM OBD2 (mostly free, free version contains ads)
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.

Please go to Settings – Adapter OBDII ELM327, select Bluetooth as connection type, and select "OBDII" as the Bluetooth device. If you have not paired your phone with "OBDII", you will be asked to enter pin (1234) to pair. Then choose the suitable connection profile for your vehicle, go back to main menu and click "Connect". If there is no specific profile, choose the generic "OBD-II/EOBD".
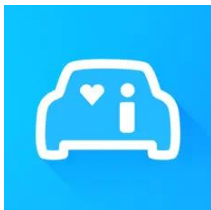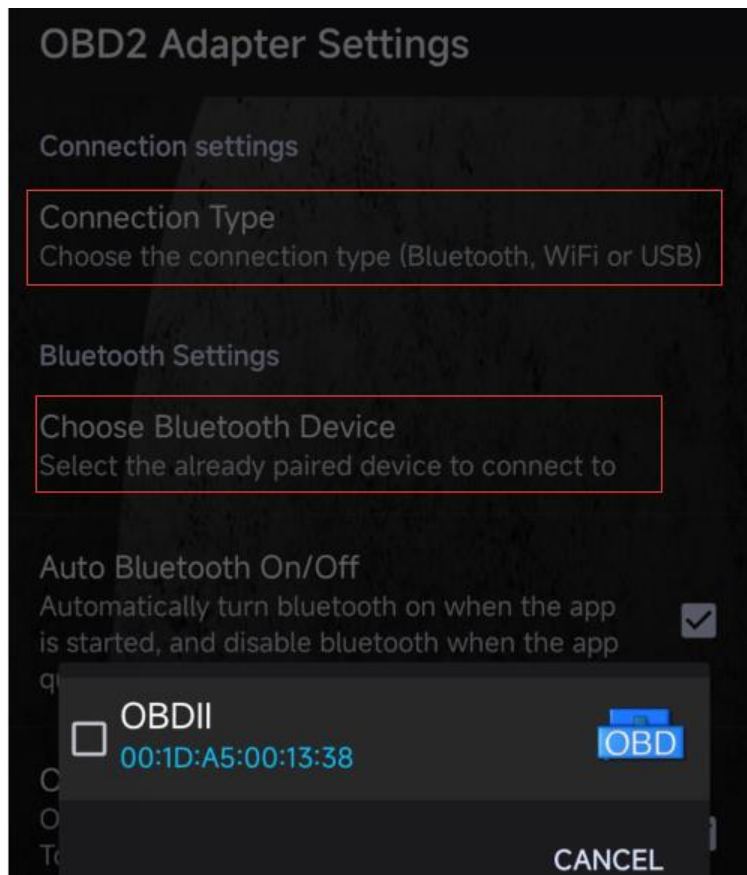
 Torque Lite/ Pro (pro version is paid & recommended)
Popular vehicle performance, sensors and diagnostics tool for Android.

Please go to Settings – OBD2 Adapter Settings, select "Bluetooth" as Connection type, and "OBDII" as the Bluetooth device.

 Infocar (free with in-app purchase)
A smart vehicle management app that provides vehicle diagnosis and information on driving style.

Tap on "Connection" or go to Settings, select Bluetooth as Connection type, and select OBDII under "Paired devices" (if it's has been paired in phone Bluetooth settings), or "Available devices" (if it has not been paired) to pair.
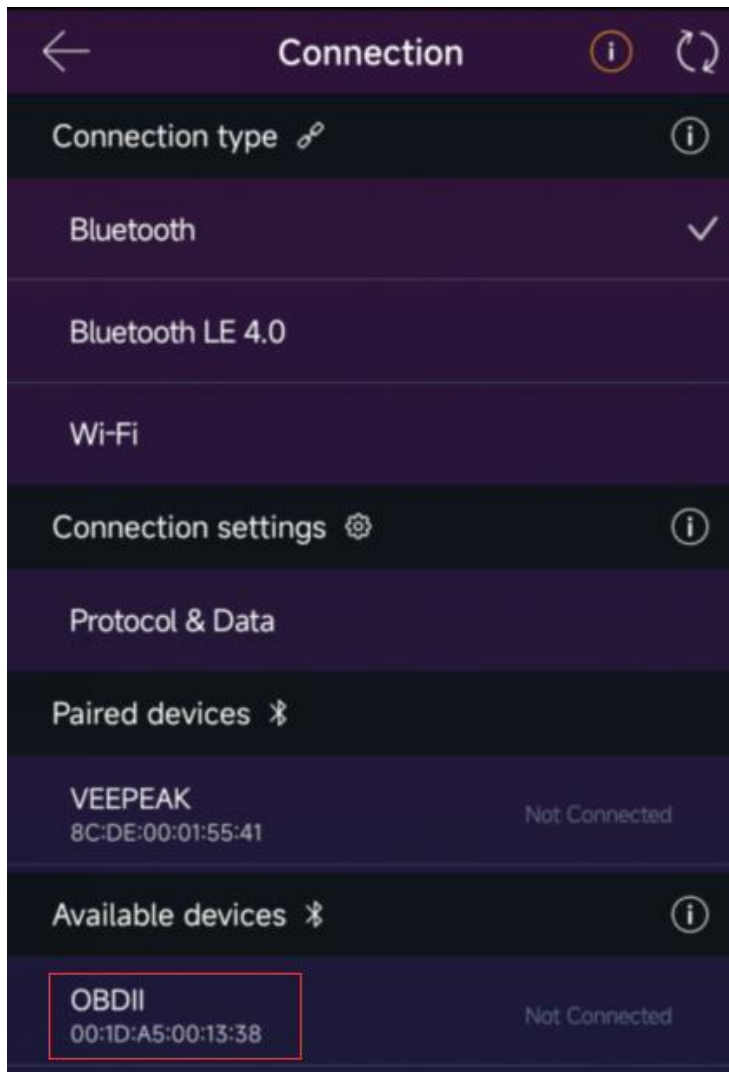
OBD Fusion (paid, includes in-app purchase for enhanced diagnostics)
Read DTCs & clear check engine light, create customized dashboards, estimate fuel economy, and much more, plus enhanced diagnostics for Ford, Lincoln, Mercury, Mazda, Toyota, Lexus, Scion, Nissan, Infiniti, Dodge, RAM, Chrysler, Jeep, and some FIAT and Alfa Romeo vehicles.

Please go to Settings – Preferences - Communications, select Bluetooth as the communication type, "OBDII" as the Bluetooth device.

 OBD JScan (in-app purchase)

Powerful diagnostic App for selected Jeep, CHRYSLER, Dodge & Ram vehicles that allows access of all modules available on your vehicle (go to App website to check vehicle compatibility and available functions).

Please select "OBDII" under Bluetooth OBD (2.0, 3.0) adapters as the OBD adapter to connect.
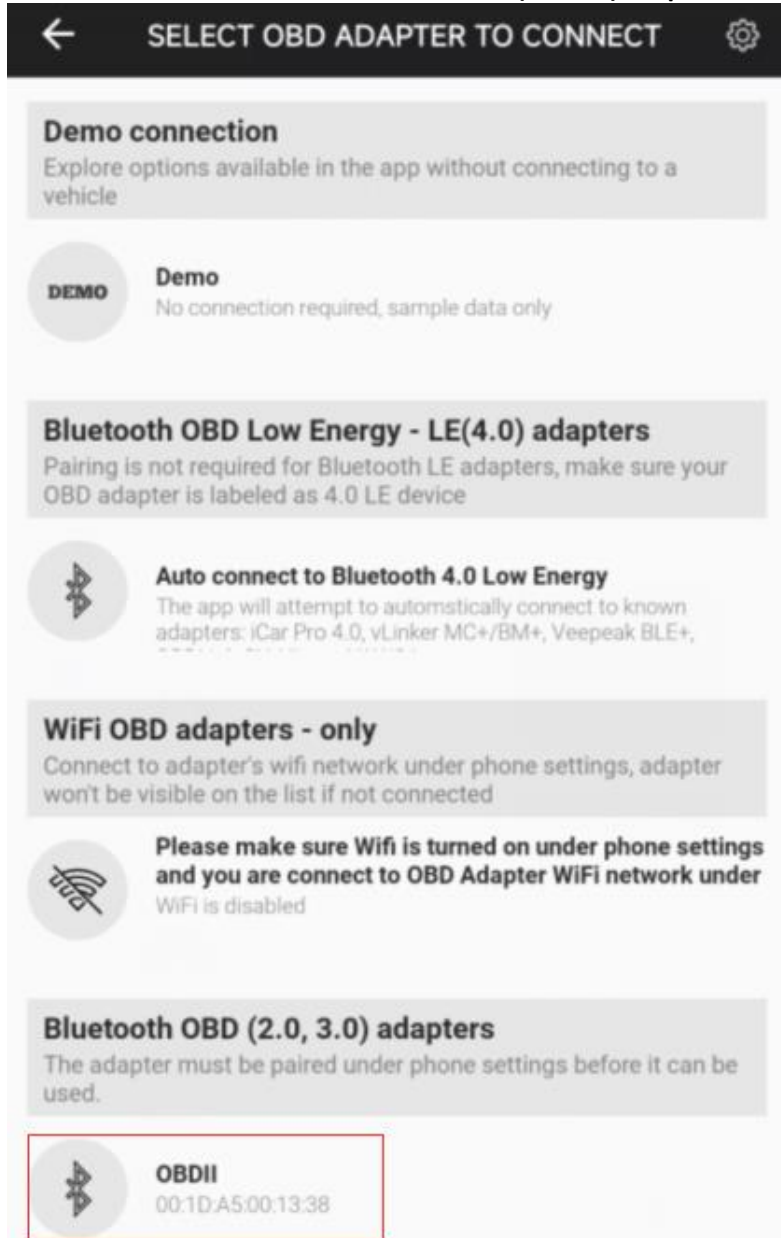
 Dr Prius (free with some in-app purchase)

Assist professional Toyota/Lexus hybrid repair shop and owners to examine/monitor the health of the vehicles High Voltage battery.

Please tap "OBDII" under Bluetooth, then click "Connect OBD" button.

III. Device Setup Guide

1: Download and install the APP at your choice (see recommended apps in Part II).

2: Plug the device into the OBD II port on your vehicle. A red light turns on. Make sure it fits snugly (powering up does not always mean a good contact).

3: Turn on car ignition. **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 Bluetooth on your phone or tablet to pair a new device. When device "OBDII" shows up (the first time could take a little longer), tap it to pair using pin 1234.
Tip: After pairing, it may show as saved, paired, or previously connected. You do not need to tap it to connect again.

5: Run the APP, make any necessary app settings (see detailed settings in Part II) and connect.

Note:
* Some Apps or in-app features may not be free; it is decided by the developer and any purchase within the App are not associated with Veepeak. It's recommended to get the free Car Scanner ELM OBD2 App and see if it meets your needs.
* The VP11 is incompatible with iOS devices. You will see an unsupported error when trying to pair it with your iPhone or iPad. Please choose our OBDCheck BLE for iOS devices.
*It may not show as connected after pairing, but you can still start the app to connect (see below example).
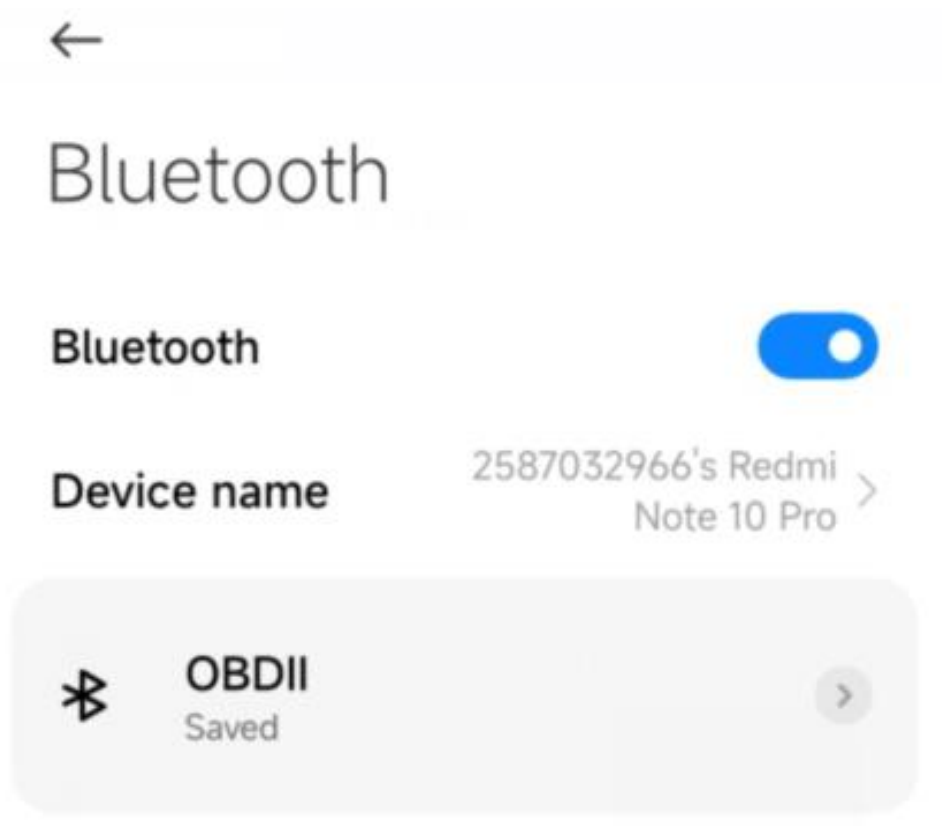
IV. FAQs

1. Is there an App included with the device?

No, currently there is no official Veepeak App for this device. A third party OBD2 app is required. There are many great third-party OBD2 apps available to download (some may require purchase) from Google Play Store (see App Recommendations). **What features you can get mainly depends on the chosen App and your vehicle.**

2. Which devices does it support? Does it work with Android head units?

The OBDCheck VP11 is compatible with Android & Windows devices. *Note: it's incompatible with iOS devices; please choose the Bluetooth 4.0 version (OBDCheck BLE) for iPhone or iPad.*

It may have compatibility issue with some Android head units due to their lack of support for some Bluetooth profiles or limitations from the manufacturer and we do not have a compatibility list due to the complexity of the market. That's why we do not recommend to use it with head units. *For some Android head units, you may check the Bluetooth settings and see if the pairing pin is disabled or incorrect. If this still does not help, please contact us or the head unit manufacturer for assistance.*

3. What connection method does it use?

It uses classic Bluetooth. Please set the App connection type to Bluetooth, and select OBDII as the device to connect. It does **NOT** support Bluetooth LE or WiFi.

4. Which vehicles are supported?

The device is compatible with most OBD2 or EOBD compliant cars and light trucks (MY1996+ in the US, MY1998 in Canada, 2001+ petrol & 2004+ diesel in EU, etc.). You can get generic OBD2 functions such as reading and clearing engine trouble codes, live data, I/M readiness when using it with OBD2 apps like **Car Scanner ELM**

OBD2 or Torque. Commercial vehicles using J1939 protocols are NOT supported. Most motorcycles are also NOT supported.

5. Which functions are supported and what are not supported?
Generic functions like engine DTCs reading & clearing, live sensor data, I/M readiness are supported. Advanced diagnostics (ABS, SRS, TPMS), and manufacturer-specific functions including service reset, injector coding, EPB reset or relearning functions are not supported.

6. 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. You can find all supported sensor data by your vehicle in the OBD App (for example Car Scanner ELM OBD2 – All sensors). If a specific item is not listed, it may be because the vehicle does not support it, or it is a manufacturer-specific PID.

7. Does it read transmission temperature?
The transmission (fluid) temperature is a ***manufacturer specific PID*** and is not part of standard OBD2. It can only be read on some vehicles using specific apps.
Below are some ways to get transmission temperature for some vehicles:
OBD Fusion: Setting – User-Defined PIDs, Click Menu on the top right – Import built-in PIDs, and you will see a list of extended PIDs for GM & Ford. For other brands, you will need the advanced diagnostic add-on if available.
Torque Pro (Android): Settings - Manage Extra PIDs & Sensors, add predefined set. You will see a list of supported vehicle manufacturers.
Car Scanner ELM OBD2: select the proper connection profile (usually containing AT or CVT), for example "OBD-II/EOBD + AT/CVT (CAN)" for Honda CAN-based vehicles, or "2010-2022 CAN + Extra sensors", "2016 - present CAN + extra sensors" for Toyota vehicles within these years.

8. Does it read DPF data on diesel vehicles? Can it be used to request a DPF regeneration?
DPF data are also ***manufacturer specific parameters*** and can only be read on some vehicles using specific apps. It cannot initiate DPF regeneration as this function is manufacturer-specific and typically requires professional diagnostic tools.

9. Can it reset oil change or maintenance required lights?
Usually, no. Oil light or maintenance resets are often manufacturer-specific service functions which are not supported by generic OBD2 devices or Apps.

10. Does it work with electric vehicles (EVs)?
EVs including PHEVs are low or zero emission vehicles so they may not follow standard OBD II specs. Thus, you may need a capable App to connect, for example **Car Scanner ELM OBD2 (select the corresponding connection profile), Dr Prius, LeafSpy, EVNotify, EV Watchdog, MyGreenVolt, CanZE**, etc. In addition, the support for latest EVs can be more complex depending on the developers' development, which means some EVs may not be supported yet.

11. Which apps are not supported?
The OBDCheck VP11 is incompatible with BimmerCode, BimmerLink, OBDeleven, Carly App, ABRP, Techstream, VCDS, or other Applications that requires specialized hardware. If you are unsure of a certain App, please contact us to check compatibility.

12. 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 (generic OBD-II functions): 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 includes more detailed information on 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.

13. Can I leave the device plugged in all the time?
You can leave the adapter plugged in for a few days if your car battery is not too old, or the car is driven frequently. If you leave your car sitting for more than 1 week, we strongly recommend that you remove the device.

14. Where can I find product usage documents or videos?
Please visit the Veepeak support page to get the latest user instructions/guide, FAQ & troubleshooting and other product documents.

V. Common Issues & Troubleshooting

1. Device does not power up (no red light).
First check if the cigar fuse of your vehicle is in good condition to power 12V power (common cause for old vehicles). You can also try with another vehicle to verify. If the OBD2 port of the vehicle is fine, please contact us for help.

2. Device powers up, but "OBDII" is not showing up on my phone's Bluetooth device list.
Make sure the device is not connected to other phones or tablets;
Check saved, paired and previously connected device list;
Restart your phone, turn off Bluetooth and turn it back, refresh the Bluetooth list and wait for a few more seconds.

3. When trying to pair it with my iPhone, it says it's not supported.
Unfortunately, it does not work with iOS devices. Please select OBDCheck BLE which supports Bluetooth LE to work with iOS devices.

4. Could not pair my Android phone with "OBDII".
(1) Turn off Bluetooth and turn it back on. Try pairing a few more times. Sometimes it helps.
(2) Restart your phone, disconnect other Bluetooth devices, turn off WiFi/cellular data and try again.
(3) Clear Bluetooth cache/storage: Settings – Apps (show system) – Bluetooth – Storage & Cache, clear them and RESTART the phone (the route may be slightly different for different brands).
(4) Try to pair in the App Settings, for example Car Scanner ELM OBD2, Infocar, which allows to select unpaired device and pair.
(5) For Android head units, check the Bluetooth settings and see if PIN is enabled or the default pairing PIN is correct (should be 1234).
(6) For Android 13+, go to Settings->Apps->App Battery Usage, Select Show System in the menu, Select Bluetooth, then select Unrestricted; Go back and select Bluetooth Legacy, and select Unrestricted also.

5. "OBDII" quickly disconnects or does not show as connected after pairing.
This can happen with some Android phones but as long as it is paired successfully via Bluetooth, you can just start the app to connect. It may show as saved, paired or previously connected, but it's actually connected. You do not need to tap it to connect again.

6. App not connecting to OBD device (in Car Scanner app, it says ELM connection fails).
Make sure the App is compatible, and you have made the correct App connection settings (e.g. you need to re-select the right device "OBDII" when you have used another OBD2 device before) and granted the App necessary permissions to access Bluetooth (for example **nearby devices**);
Remove and re-install the app (especially when you have an OS update, the app has not been used for some time, or another OBD device was used before);
Try with a different App such as Car Scanner ELM OBD2, Infocar, Piston, which are free to test.
Contact us or the app developer.
Note: the device can only connect to one app at a time; make sure other OBD Apps are closed when connecting in a new App.
Tip: If the device does not show up when you try to select Bluetooth device in the App, please check if the App is granted Bluetooth or nearby devices permission. Or remove the App, and re-install it.

7. Cannot connect to vehicle (in Car Scanner app, it says ECU connection fails).
Make sure it fits well in the OBD2 port. Try to push it a little harder into the OBD2 port (powering up does not mean a good fit);
Make sure your vehicle is OBD-II compliant and the OBD connector is in good condition (no bad pins or wires especially for old vehicles);
Check if your vehicle is supported by the App; Make sure ignition is turned ON or start the vehicle to try;
Try it on another vehicle.
8. Connection is unstable and gets disrupted during use.
Restart your phone, keep the device as close as possible to your phone, and close other Apps; 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.

9. No data is read after it connects to the vehicle.
Unplug and re-plug it in to connect again; try with a different app and see if it makes any difference.

10. Could not read the trouble codes.
Try with a different App. If there are non-check engine lights on the dashboard, or the codes are not emission-related or are stored in another ECU, you may need a capable App to read these codes. Contact us with your vehicle make/model/year for App recommendation.

11. Could not clear trouble codes.
Sometimes multiple attempts are needed; try with Key On Engine Off or check if there is any specific procedure for your vehicle; some vehicles don't respond properly to the clearing command; some codes require the fault to be fixed first.

12. Could not find my vehicle in the App.
Sometimes the Apps may not be updated in time to include all vehicle model year on the market. However, you can still use it for generic OBD2 functions.

Note:
Due to different customization levels of the Android system by the phone manufacturers, this device can sometimes be a bit tricky to connect with some Android devices as it requires the collaborative work from the OBD device, Android App on the smartphone, and vehicle ECUs.

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 specify at which step, and include a screenshot of the error message (if there is any) 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:
Go to Veepeak website support page to submit a contact form: https://www.veepeak.com/support
Email: support@veepeak.com.

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.