User Guide for Veepeak OBDCheck VP11

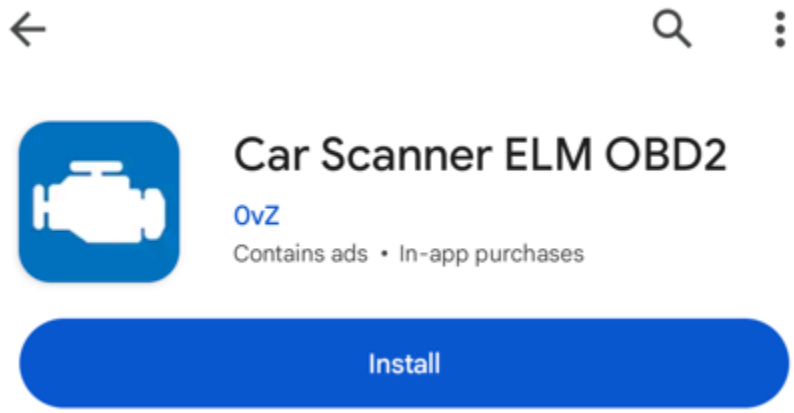
V2.2507

This user guide contains step-by-step setup guide, FAQ & troubleshooting, and compatible App list along with advanced diagnostic availability.

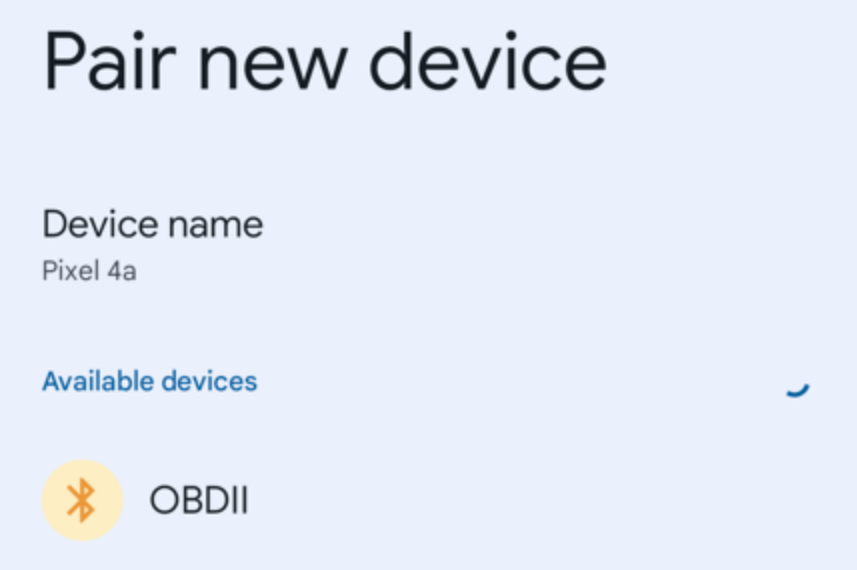
I. Setup Guide

(Take Car Scanner App for example; Settings for other apps are followed.)

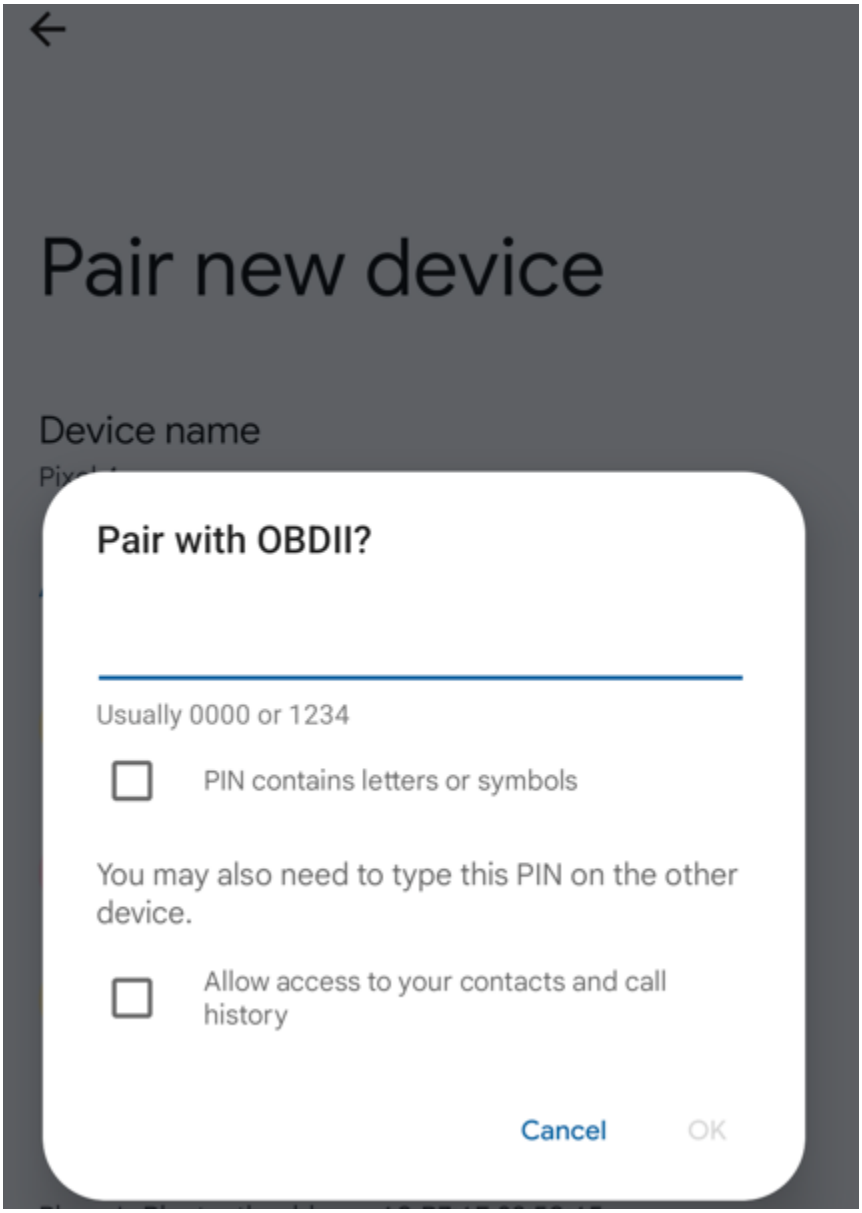
1. Install the App from Google Play Store (Car Scanner ELM OBD2 by OvZ).



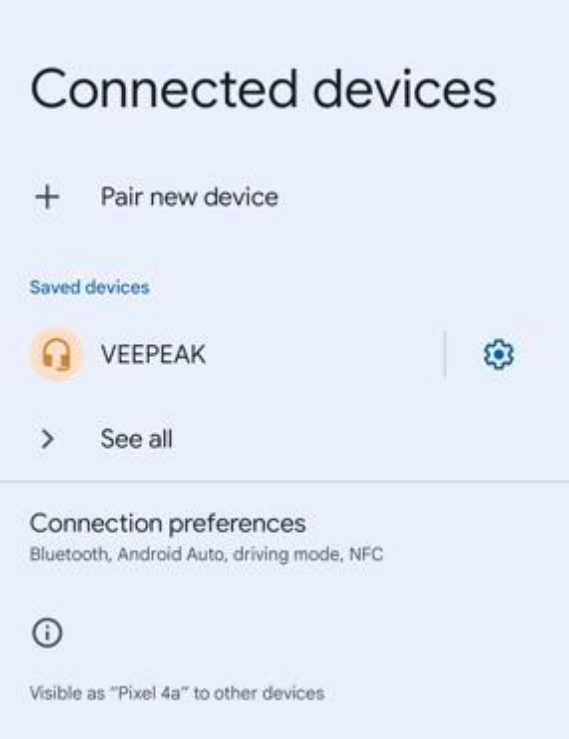
2. Plug in the device, and make sure it fit snugly (try to push it a little harder if it does not connect to vehicle ECU). Then turn on car ignition. Go to phone's Bluetooth Settings, and pair new device. Wait for "OBDII" to show up. The first time can take a little longer.



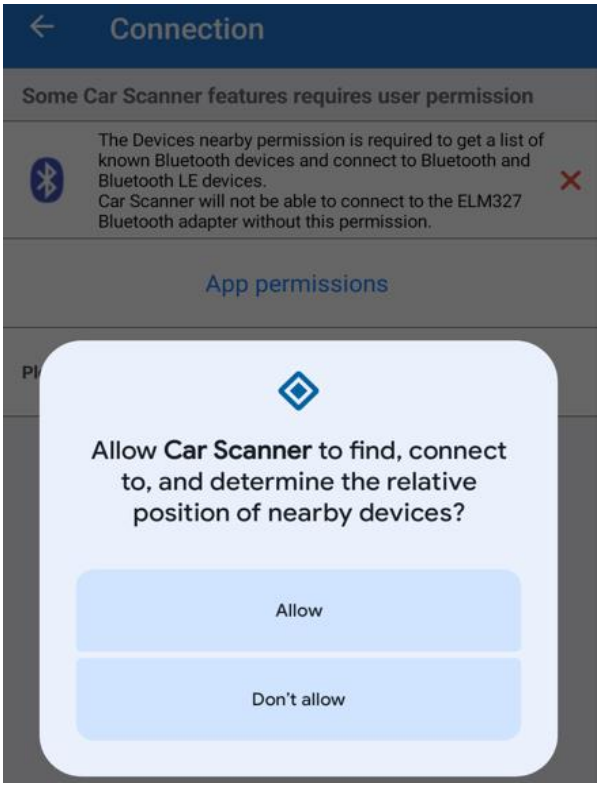
3. When “OBDII” shows up, tap on it. Use pin 1234 to pair with it. (If it does not pair, follow the steps in the troubleshooting section)



4. After pairing, it may not show as connected. On a Pixel 4a, it shows as Saved. You do not need to select it to connect again. You can ignore the status and proceed to the next step.

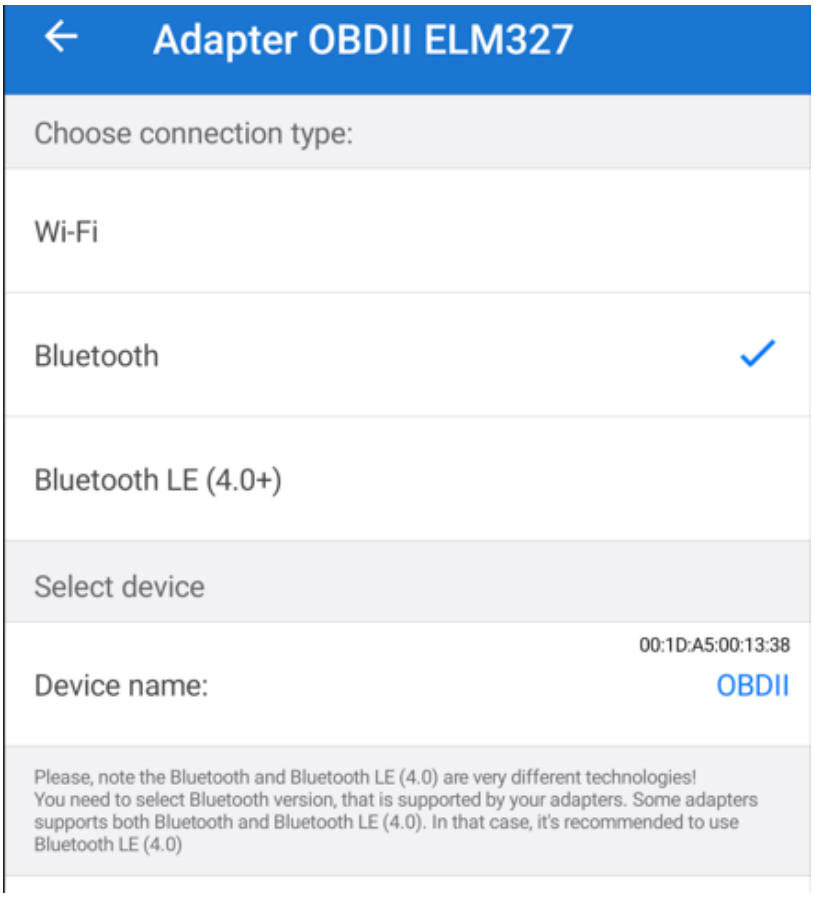


5. Start the App, grant the App permissions (Nearby devices required to access Bluetooth), make the initial settings according to your preferences. Since Android 13, you will need to grant "send notifications" permission if you want to the App to run in the background.



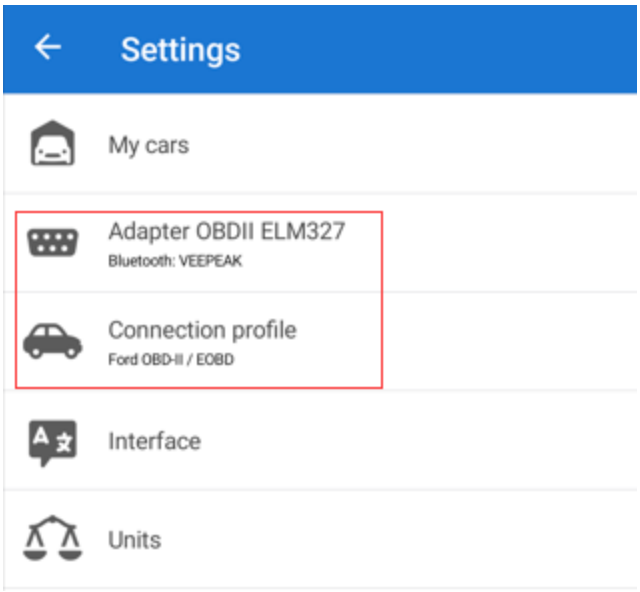
6. In Settings - Adapter OBDII ELM327, please select Bluetooth as connection type, then under "select device", select OBDII on the list.

Note: if you have used multiple OBD devices with the same Bluetooth names, be sure to select the currently connected one. You may unpair previously used OBD devices to avoid confliction.

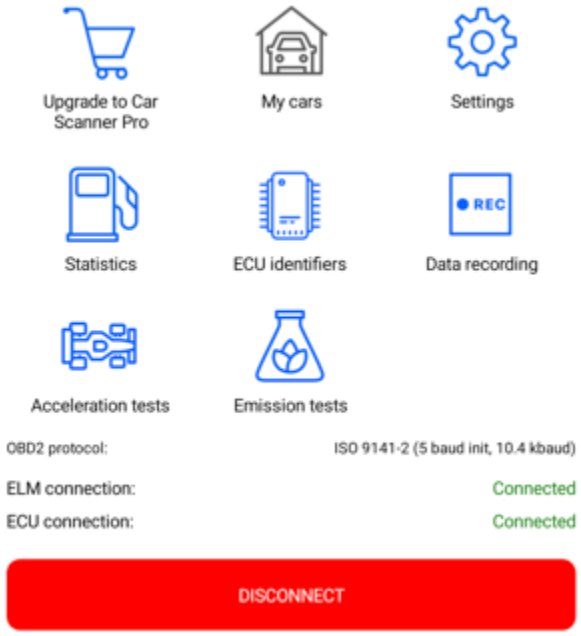


7. For connection profile, select your car brand and then the applicable profile. If no other suitable profile is available for your specific vehicle, select the first "OBD II / EOBD".

Note: For EVs, you will need to select the proper connection profile in order to connect or get any readings.



8. After the above two marked settings are made, go back to the main page and click Connect button. When the connection to both ELM & ECU are made, you can start to use.



Note: if the first attempt fails, please unplug the device, wait for a few seconds, and re-plug it in to connect again.

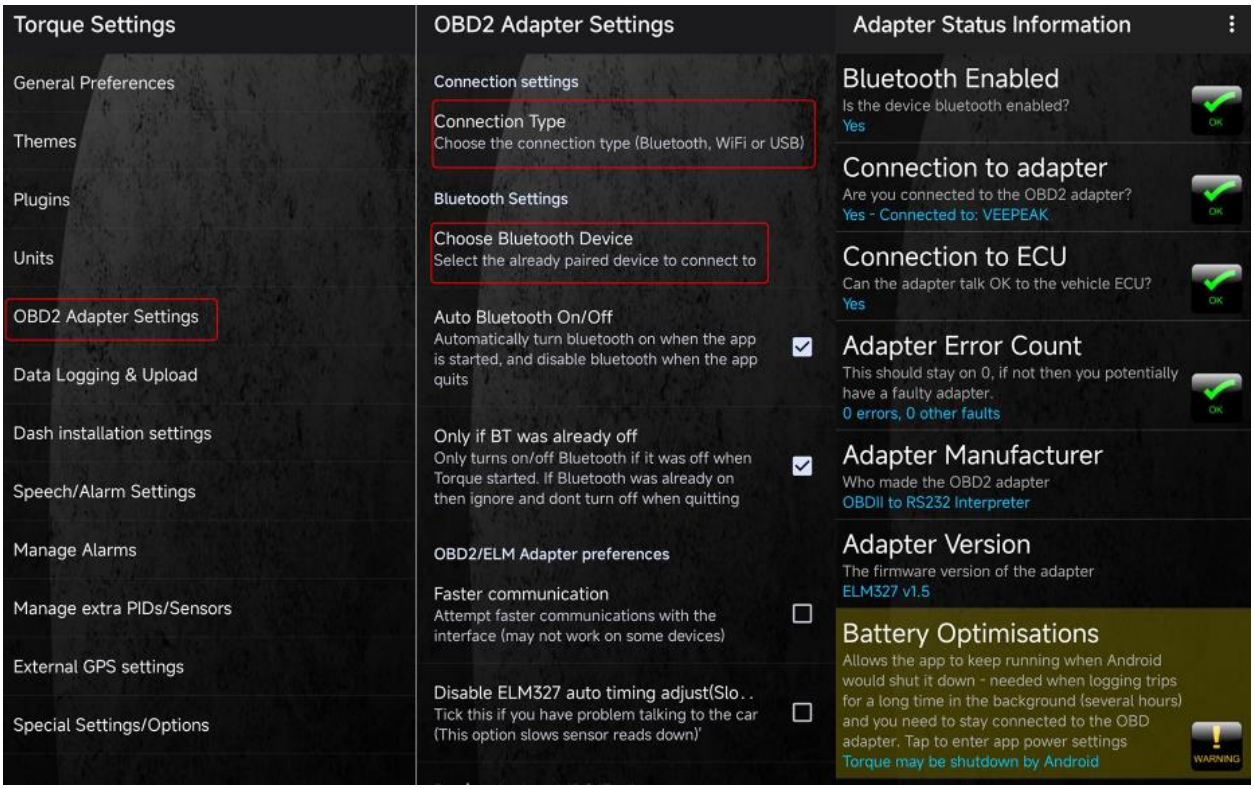
Connection Settings for Other Popular Apps:

Torque Lite/Pro (Pro version is paid)

Go to Settings – OBD2 Adapter Settings, select “Bluetooth” as Connection type, and “OBDII” as the Bluetooth device. Close the App, and restart it.

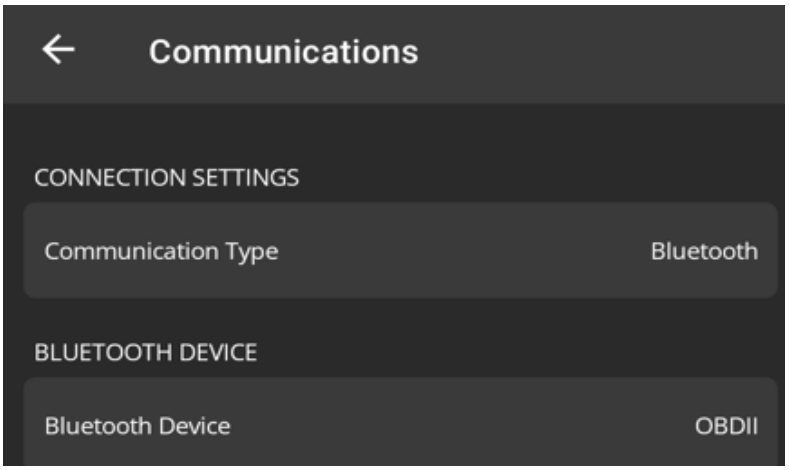
You can check the connection status from main page – Adapter Status.

Tip: If the device goes to previously connected device list and then does not show up in Torque App, please forget it and re-pair with it. As soon as the pairing passcode is entered, switch to Torque App immediately to select OBDII as the Bluetooth device (you can first navigate to that setting page before pairing).



OBD Fusion (paid)

Android: Settings – Preferences - Communications, select Bluetooth as the communication type, and select OBDII as the Bluetooth device.



How to get enhanced diagnostics in OBD Fusion (requires separate purchase):

1. Connect to your vehicle by following the instructions on the Settings > Help > Connection page.

2. Open the vehicle editor on the Settings > Vehicle Editor page.

3. Use the Select buttons to enter the full year, make, model, and option for your vehicle. **You must use the Select buttons to enter this information**. If your year, make, model, or option is not listed, you can manually enter it, but enhanced diagnostics will not be available for your vehicle.

4. Open the Settings > Purchase Extras page and wait for the app to load the list of extra items.

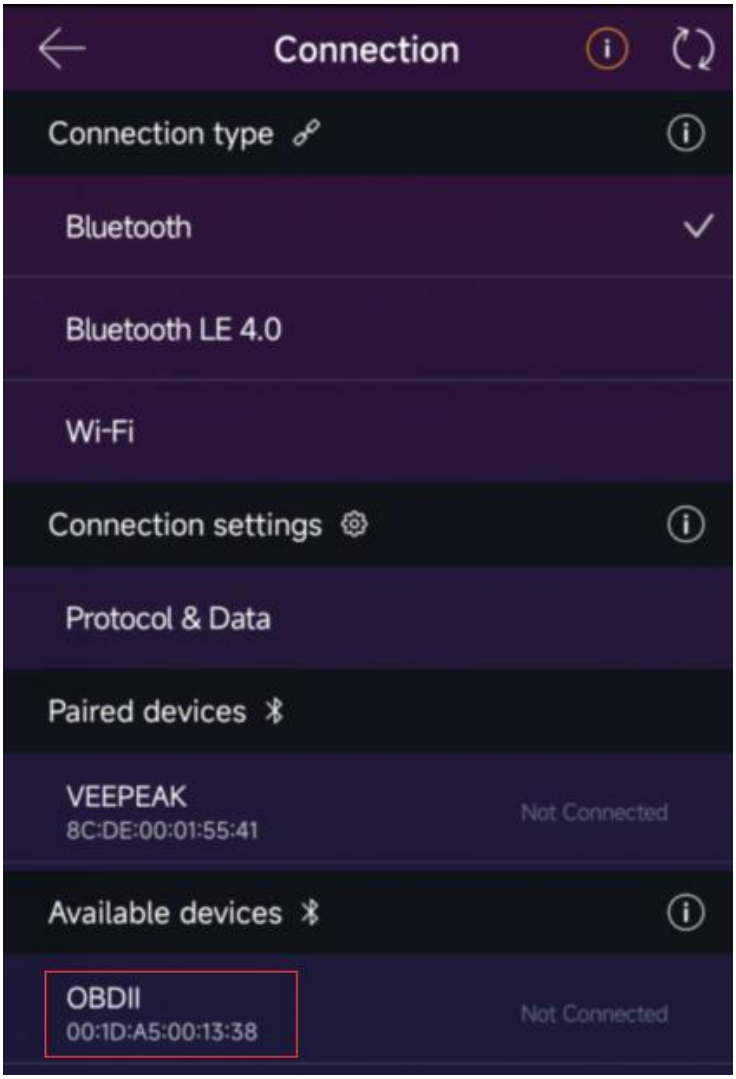
5. Select the category corresponding to the make of your vehicle.

6. Find and select the package corresponding to your vehicle year, such as Ford 2003 Enhanced Diagnostics. If you have vehicle(s) supported by this add-on, you will see a list of the vehicles at the bottom of the page. If you do not have any vehicles supported by this add-on, you will see a message indicating that you do not have any vehicles supported by this add-on.

Infocar (free with some in-app purchase features)

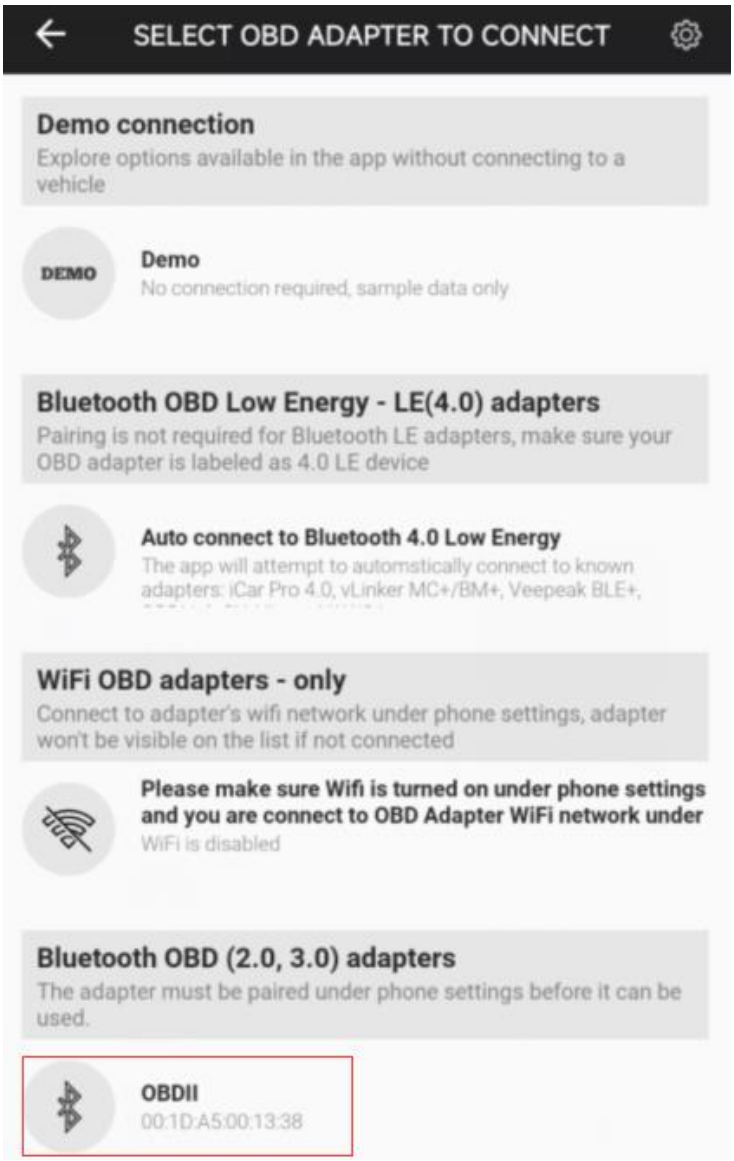
A smart vehicle management app that provides vehicle diagnosis and information on driving style.

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.



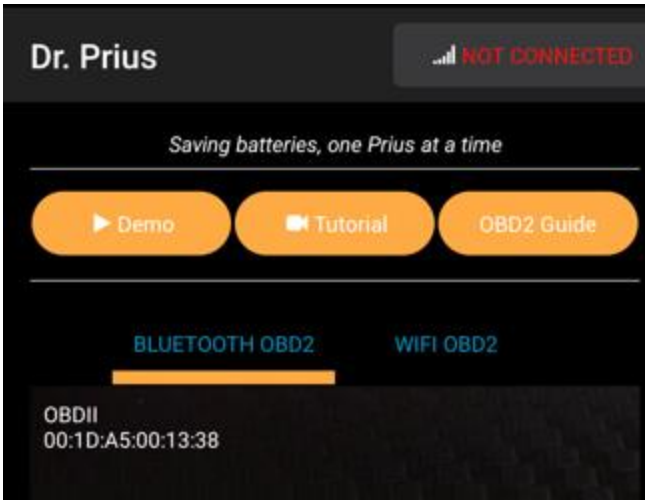
OBD JScan (iOS & Android)

Android: select VEEPEAK under Bluetooth OBD (2.0, 3.0) adapters as the OBD adapter.



Dr. Prius (free)

Android: please tap to select OBDII under Bluetooth OBD2 to connect.



Carista OBD (advanced features require subscription)

Go to https://carista.com/en/supported-cars to check vehicle compatibility).

Android: select ELM327 Bluetooth as the adapter.

Note:

***These Apps can be downloaded from Google Play Store. App price is decided by the developer and not included with the device.**

***The VP11 is not compatible with iOS devices and iOS Apps.**

***For some Android devices, the device "OBDII" may not show as connected after pairing, but you can just start the App to connect. No need to select it to connect again.**

***Please be sure to grant devices nearby permissions for in order for these Apps to access Bluetooth. Some Apps may require location permission for some features. And "send notifications" permission is required for the App to run in the background.**

II. FAQs

1. Is there an App included with the device? Do I need a subscription? How to choose the app for my vehicle?

No, a third-party OBD app that is compatible with ELM327 adapters is required and you can get it from Google Play Store.

For standard OBD functions, we recommend Car Scanner ELM OBD2, or Inforcar, which are free. *Be careful with those generic OBD apps with limited features and require you to make in-app purchase or subscription.*

Some advanced Apps may require a subscription such as Carista, OBDocker, or GaragePro.

Some advanced apps require a one-time purchase, such as OBD JScan, OBD Fusion, FORScan Lite, AlfaOBD.

For Apps not listed in this guide, please check the App requirement or contact Veepeak to check compatibility.

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).*

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. *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 Bluetooth. Please set the App connection type to Bluetooth, and select "OBDII" as the device to connect.

4. Do I need to make it show as connected in phone's Bluetooth settings?

No, after pairing, it may not show as connected. The status can be saved, paired, or previously connected on different phones. If it goes to previously connected device list and does not show up in Torque App, please forget it and re-pair. As soon as you enter 1234, please switch to Torque App immediately to select Bluetooth device (you can navigate to the Torque setting page in advance).

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

The On-Board Diagnostics II (OBD-II) standard and enhanced 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.

Enhanced/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. Enhanced 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.

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

EVs including PHEVs are low or zero emission vehicles and they normally do not have standard OBD-II systems. 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 plans.

7. Can it do enhanced diagnostics to read or reset my ABS, or airbag lights?

It mainly depends on the chosen App. Most OBD-II Apps only provide basic emission-related check engine light diagnostics. Currently there are a few Apps that provides advanced diagnostics for selected vehicles, for example **OBD Fusion, OBD JScan, AlfaOBD, Carista OBD, FORScan Lite,** etc. Contact Veepeak or the app developer to check if it's available on your vehicle.

Note: All kinds of service reset including oil light, relearning, adaptation, coding and other advanced functions are NOT supported.

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. You can find all supported sensor data by your vehicle in the OBD App (for example Car Scanner ELM OBD2 – All sensors).

9. Does it read transmission temperature?

The transmission (fluid) temperature is a **manufacturer specific PID** which belongs to **advanced diagnostics**, so it's not read by most generic OBD2 Apps. Please check the advanced diagnostics availability or contact Veepeak customer support to check if there is a suitable App (similar to FAQ 6). You may try to search for the **custom PID information** on the web & add it in the App. This applies to other manufacturer specific PIDs (such as DPF).

Note: For GM or Ford vehicles, you can use OBD Fusion App: Setting – User-Defined PIDs, Click Menu on the top right – Import built-in PIDs, select brand, and you will see a list of extended PIDs, which include transmission temperature.

Car Scanner ELM OBD2 Apps may also provide extended PIDs for some vehicles; please select the suitable connection profile for your vehicle.

10. Which apps are not supported?

The OBDCheck VP11 is incompatible with BimmerCode, BimmerLink, OBDeleven, Carly App, ABRP, etc. If you are unsure of a certain App, please contact us to check compatibility.

11. 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.

12. Does it work with motorbikes?

It may work with some motorbikes if one of the OBD-II protocols is used and there is a suitable OBD app. For BMW motorbikes, MotoScan App is supported, but it's limited to diagnostics and sensor reading; coding or service reset are not supported by the device.

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

Please visit 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.

III. Troubleshooting

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

First check if the cigar fuse of your vehicle is in good condition. 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.

Unplug and re-plug it in;

Make sure the device is not connected to other phones or tablets;

Check saved and previously connected 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). Some head units are not supported due to the limitation from the head unit manufacturer. Please contact the manufacturer for help.

5. "OBDII" quickly disconnects or does not show as connected after pairing.

This can happen with a few 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.

6. 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 and granted the App permissions (Nearby devices);

Remove and re-install the app (especially when you have an OS update or the app has not been used for some time);

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

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

Make sure it fits well in the OBD port. Try to push it a little harder into the OBD 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;

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 to check if it's the problem with the device.

8. Connection is unstable and gets disrupted during use.

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;

You have an electric vehicle that the App does not fully support.

10. Could not read the trouble codes.

Try with a different App;

Try with more capable App that supports advanced diagnostics, which may read more codes.

If there are non-check engine lights on the dashboard, 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.

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.

Recommended Third-Party OBD-II Apps for VP11 (NOT Included)				
App Name	**Compatible Platform**	**Notes:**	**Price (may vary depending on the developer)**	
Car Scanner ELM OBD2	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 proper connection profile.	Mostly Free	
OBD Fusion	Android	Supports CarPlay and Android Auto. Comes with enhanced diagnostics for some brands via in-app purchase	Paid; enhanced diagnostics require separate in-app purchase	
Infocar - OBD ELM Diagnostic	Android	A smart vehicle management app that provides vehicle diagnosis and information on driving style.	Mostly Free with in-app purchase for some premium data	
Torque Lite/Pro (OBD II & Car)	Android	Popular App to get OBD fault codes, car performance, and sensor data.	Pro version is Paid	
Apps to Avoid	Provides very limited features and asks you to purchase or subscribe to get more features.			
Supported Advanced Apps (App pricing may change over time depending on the developer)	OBD JScan bimmer-tool Forscan Lite (No MS CAN support) AlfaOBD (No MS CAN support) CVTz50		**May require a one-time purchase**	
	Carista, OBDocker, GaragePro		**May require subscription**	
Incompatible Apps	BimmerCode, BimmerLink, ABRP, Carly, MHD, etc.		**Check App requirements**	

Advanced Diagnostic Availability (ABS, airbag, body control, TPMS, etc.)

Car brand	Required App	Supported model year	Special Notes
Ford, Lincoln & Mazda	**OBD Fusion**	1996 - 2022	Requires in-app purchase of advanced diagnostics add-on
	FORScan Lite	1996 - 2023	Paid; Some models from 2023 are not yet supported
Toyota, Lexus & Scion	**OBD Fusion**	1996 - 2021	Requires in-app purchase of advanced diagnostics add-on
	Carista OBD	Check vehicle compatibility on the app website.	Requires an app subscription
Nissan & Infiniti	**OBD Fusion**	2006 - 2021	Requires in-app purchase of advanced diagnostics add-on
	Carista OBD	Check vehicle compatibility on the app website.	Requires an app subscription
Mitsubishi	**OBD Fusion**	2009 - 2022	Requires in-app purchase of advanced diagnostics add-on
Subaru	**ActiveOBD**	2012+	Premium features require an in-app purchase
BMW	**Carista OBD**	2008+	Requires an app subscription
	bimmer-tool	2008+	Paid app for Android only
FCA	**OBD JScan**	Check vehicle compatibility in the app	In-app purchase required
	OBD Fusion	2006 - 2023	Requires in-app purchase of advanced diagnostics add-on
Volkswagen/Audi/Seat/Skoda	**Carista OBD**	Check vehicle compatibility on the app website.	Requires an app subscription
Opel/Vauxhall	**ScanMyOpel, ScanMyOpel CAN**	Check vehicle compatibility on the app website.	In-app purchase required
Other Apps that may have advanced diagnostics	**OBDocker; GaragePro; MotorData**	Check vehicle compatibility on the app website.	In-app purchase or subscription required

Additional notes:

1. App Not Included and are from third parites.

2. Modules in MS-CAN are not supported (For Ford/Mazda/FCA vehicles);

3. Vehicles from recent years may not have been supported for advanced diagnostics. Please go to the app website to check the latest list.

4. The list will be updated from time to time when new brands or models are supported. You can contact Veepeak or the App support to check if your vehicle is not listed.

5. This product is not affiliated with or endorsed by the mentioned brands. All trademarks are the property of their respective owners and are used for compatibility reference only.