

## Introduction

**The Bluetooth version of the EcuTek Vehicle Interface (EVI-BT for short) allows to establish a wireless connection to a mobile device, such as a smartphone or tablet.**

The connection process is different depending on the device type. Here are the details that are important to understand while troubleshooting connectivity issues.

## How it works

### iOS devices (iPhone and iPad)

In order to be used with an iOS device, the EVI-BT must behave as an iOS accessory. The key point about iOS accessories is that they normally initiate the connection to the iOS device, not vice-versa.

The first time one wants to use the EVI-BT with an iOS device, it needs to be paired. This can be done either from the system Settings > Bluetooth menu or from within the app during the on-boarding procedure that appears the first time the app is run after installing it.

Once the pairing is completed, the connection is established immediately. After that, the devices will remain connected until the link gets interrupted for some reason (ie. device moves out of range, gets powered off or its Bluetooth gets disabled).

When the EVI-BT is not connected, it will switch to a low power mode (sleep, led glowing green every 5 seconds) and will periodically attempt to reconnect to the iOS device.

The EVI-BT will only attempt to reconnect to the latest device it has been connected to. Please see the remarks in the section "Using the EVI-BT with multiple devices".

When the EVI-BT is connected to the iOS device, the "My car" button in the ECU Connect app will be enabled. If there is no connection, the button will be disabled.

### Android devices

When the EVI-BT is used with Android devices, the connection is always initiated by the Android device.

The first time one wants to use the EVI-BT with the Android device, it needs to be paired. This can be done from the system Settings > Bluetooth menu.

Once the device is paired, tapping the "My car" button in the ECU Connect app will initiate the connection. The devices will remain connected until the user navigates back to the main menu or the link gets interrupted for some reason (ie. device moves out of range, gets powered off or its Bluetooth gets disabled).

## Remarks

### Using the EVI-BT with multiple devices

The EVI-BT can be used with any number of devices. Only a single device can be connected at the time.








If one of them is an iOS device, after the EVI-BT has been connected to a different device, the EVI-BT has to be manually connected from the iOS device Settings > Bluetooth menu. It won't be possible to use the EVI-BT from the ECU Connect app until it gets connected (the "My car" button will be disabled).

### Using the EVI-BT with other OBD cables

It is not possible to use at the same time the EVI-BT and other EcuTek or third party OBD cables/dongles.

In particular, using an OBD Y-splitter cable to connect both the EVI-BT and a third-party dongle to the vehicle OBD port, will produce unpredictable results.

The status LED will indicate the Vehicle Interface status in different operating conditions. Here's a summary of the possible colours.

Colour	State	Notes
 Off	Unpowered	
 Off	Deep sleep	Powered from PC via USB but PC in
 Green, glowing every 5 sec.	Sleep	Powered from car battery via OBD s
 Blue	Bluetooth connected	(EVI-BT only)
 Green	USB connected	
 Red	OBD TX/RX	
 Red	Firmware update mode	

Colour	State	Notes
Red, glowing every 1 sec.		

\* LED and Bluetooth (EVI-BT only) are disabled in deep sleep to meet USB standard power requirements.

**Here you will find lists of frequently asked support questions (FAQs) about common issues with ECU Connect. Feel free to ask us anything not answered here by mailing us on [support@ecutek.com](mailto:support@ecutek.com), but please read the FAQ first.**

### Will ECU Connect work with my smartphone?

ECU Connect currently works on iPhone and iPad (iOS 10.2 required) and Android Phones/Tablets (OS version 5 and above)

### Will ECU Connect work with my Bluetooth interface?

ECU Connect requires an EcuTek Bluetooth Vehicle Interface, also referred to as EVI-BT. This hardware allows to get the best possible performance, in particular when data-logging. ECU Connect will NOT work with any other interface, including ELMxxx-compatible dongles.

### Will ECU Connect work with my car?

Please see [ECU Connect Webpage](#) for supported cars and features. Some features are only available when RaceROM is installed and it has App support. If your car has already been tuned, please check with your tuner if your car has a recent version of RaceROM that includes App support.

### Can I leave the EcuTek Bluetooth Vehicle Interface plugged into the OBD socket all the time?

Yes. The hardware is designed to remain plugged in all the time. The power consumption is very low so you don't have to worry about draining the battery, even if you don't drive the car for a few weeks. If you plan not to use the car for more than a month, we recommend to disconnect the battery.

### Can I use more than one device with my EcuTek Bluetooth Vehicle Interface?

Yes. You can use it with any number of phones and tablets. Only one device at the time can be connected.

## Can I use my EcuTek Bluetooth Vehicle Interface with more than one car?

Yes. You can use the Vehicle Interface and the ECU Connect app with any number of cars.

## Why does my EcuTek Bluetooth Vehicle Interface not reconnect automatically to my iPhone/iPad?

Please be aware that the EcuTek Bluetooth Vehicle Interface will only reconnect automatically to the last device it was used with. For instance, if you normally use it with your iPhone and one day you pair it to your iPad, from that moment it will try to reconnect to your iPad. If you wish to use it with your iPhone again, you need to connect manually from the iPhone by going to Settings → Bluetooth and selecting the EVI-xxx item on the list. Also see the next point.

## Why can't I connect to my EcuTek Bluetooth Vehicle Interface?

The EcuTek Bluetooth Vehicle Interface only supports one connection at the time. If it's connected to a device already (status LED is BLUE) then you won't be able to connect from another device. Please disconnect it from the existing device (for example by disabling the Bluetooth) and try again.

## Why is my car not detected?

Please visit [ECU Connect Webpage](#) and make sure that your car is supported. If it is, the ECU could have a very recent or unknown calibration. It should be soon supported via an update. Contact your tuner to make sure this can be added.

## Why is my car detected but I only get basic features?

Advanced features require a version of RaceROM to be installed that includes App support. Go to Info → ECM and check that RaceROM is "Installed" and App support is "Yes". If this is not the case, please get in touch with your tuner to get an updated tune that includes the latest RaceROM. Otherwise, the feature you're looking for is just not available for your car.

## Can I use my EcuTek Vehicle Interface as a generic OBD code reader?

Generic OBD2 support has been added and provides OBD PID logging, along with read and clear DTCs for all compliant vehicles around the world. There are many different OBD2 standards and protocols and we are unable to guarantee support for all vehicles, but many will work. Give it a try and see!

## What does the LED colour indicate?

The status LED will indicate the Vehicle Interface status in different operating conditions. Please read the [EcuTek Vehicle Interface LED Colours](#) for the summary of the possible colours.

## How do I connect and disconnect the EcuTek Vehicle Interface?

The Bluetooth version of the EcuTek Vehicle Interface (EVI-BT for short) allows to establish a wireless connection to a mobile device, such as a smartphone or tablet. The connection process is different depending on the device type. Please visit the following link ([the Bluetooth connection explained](#)) to see the details that are important to understand while troubleshooting connectivity issues.

## Can I flash My car with ECU Connect

We don't recommend that the Bluetooth EcuTek Vehicle Interface (EVI-BT) be used for programming due to the fragility of the mini USB port. The EVI-BT is currently not sold with an EcuTek dongle so ProECU cannot be used without this.