



*-ROAR PEDAL-*

# User's Guide

Roar Pedal Throttle Response  
Controller

Facebook / Instagram: **RoarPedal**  
After-sales email: [support@roarpedal.com](mailto:support@roarpedal.com)  
[www.roarpedal.com](http://www.roarpedal.com)

Certified by Bluetooth®



## 1 Packing List

Roar Pedal Host	1
Wiring Harness	1
Tape	2
Fastening Tie	2
Manual	1

## 2 Product Installation

**01 Download the Roar Pedal App** Before starting the installation, download the Roar Pedal app to your mobile device. Follow these steps to download the app:

- **For iPhone users**, search and download the "Roar Pedal" app from the App Store.
- **For Android users**, search and download the "Roar Pedal" app from Google Play.

Scan the QR code below to download the app:



**Mobile Phone System Requirements** Ensure that your mobile phone meets the following system requirements:

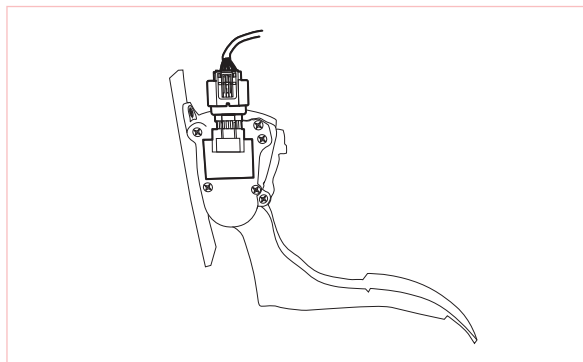
- **iPhone:** iOS 10.0 or higher version.
- **Android:** Android 8.0 or higher version.

### 02 Pre-installation Steps

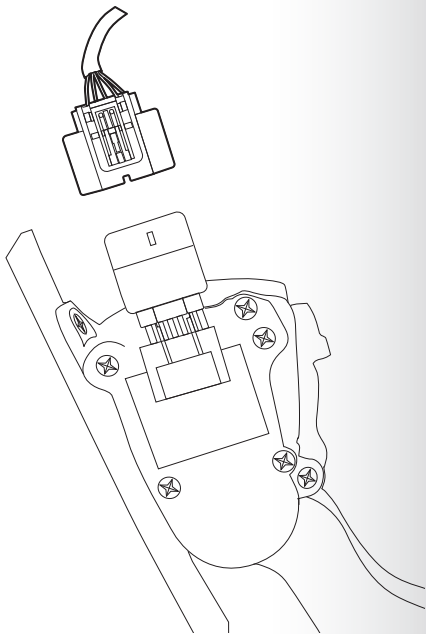
Turn off the car and open the driver's door. Wait for 15-30 minutes before proceeding. **Note:** If you unplug the accelerator plug too soon, the "check engine" light may turn on as the ECU still has power and detects the sensor as defective.

### 03 Installation Steps

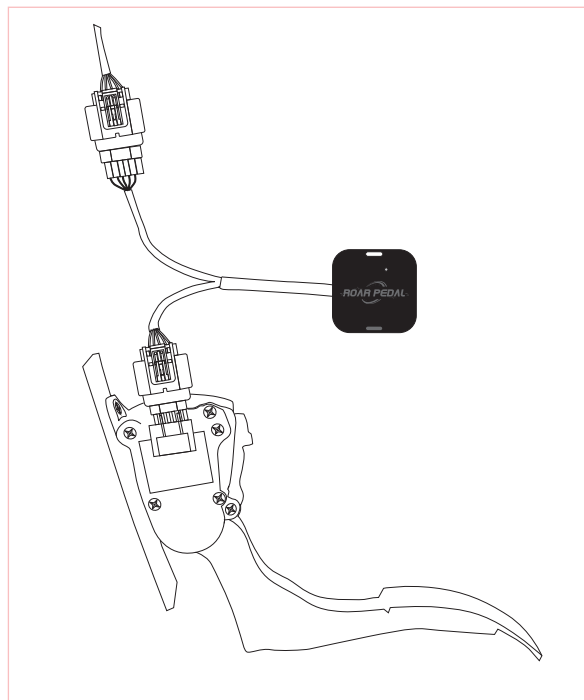
**1** Locate the position of the accelerator pedal as shown in the figure below:



- ② Unplug the original sensor harness from the accelerator pedal as shown below: (Note that most of them are locked. Press down the lock clip on the female port and easily pull it out)



- ③ Connect the female port of the Roar Pedal wiring to the pedal port and connect the male port to the original sensor harness. (Pay attention to the installation direction and ensure it is installed correctly.) The installation is complete, as shown in the figure below:



- ④ Start the car. The LED light on the shell will turn on (it will automatically turn off after one minute), indicating that the installation is correct.
- ⑤ Turn on the Bluetooth function of your mobile phone and open the Roar Pedal app. The app will automatically recognize and connect to the device.
- ⑥ Use the provided double-sided adhesive tape or cable ties to securely fix Roar Pedal in a suitable position that does not affect the pedal stroke.

## ENJOY THE PASSION!

### 04 Common Installation Questions

- ① **LED cannot light up** Ensure that both the male and female ports of the wiring harness are properly connected. Also, double-check that the plugs are not connected upside down.
- ② **Bluetooth cannot be connected** If the LED light is on, it indicates that the installation is correct. If you are experiencing issues with Bluetooth connectivity, ensure that the Roar Pedal app has the necessary permissions, such as storage, location, and GPS. These permissions are required for the app to discover the device. Avoid manually selecting the device connection in the Bluetooth device list on your mobile phone, as the product is designed to automatically connect when powered on.

**Note:** If you do not need to switch modes, you can leave the Bluetooth function of your phone turned off and the app closed. The device will automatically save the selected mode.

③ **Dealing with Fault Codes** If a fault code appears, it may be due to unplugging the sensor harness too quickly, causing the ECU to recognize a sensor disconnection. This is a minor issue that can be resolved. Once the wiring harness is installed correctly, the fault codes/lights will clear themselves or after driving a few kilometers. You can also follow these steps to clear fault codes/lights:

**Start the car -- Open the cab door -- Close the cab door -- Turn off,** repeat this action 3-5 times to clear the codes.

Please avoid changing modes while your foot is on the accelerator pedal or when cruise control is engaged to prevent potential acceleration issues. Such sudden changes in the accelerator signal during driving may be detected by the ECU as a malfunction.

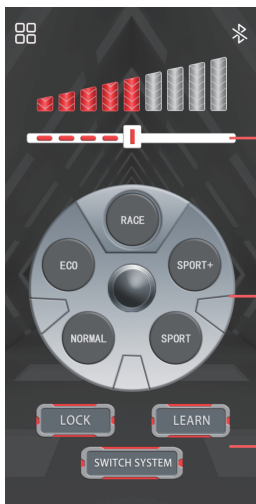
Rest assured, our product is designed to be safe for your car, and it will not cause any damage. Once the product is disconnected, everything will return to default settings. Roar Pedal is engineered to protect all car components. If you encounter any fault codes after using the product for a period, it may be a compatibility issue. However, our unique Learn Mode can easily resolve this:

- ① Uninstall the product and clear the error codes, reinstall it. Turn the car key to ACC to power, don't start engine or step on the gas pedal, click "ok" in app, the screen displays 3 numbers. (To match the min signal)

- Press the accelerator pedal to the ground and hold, click "ok" in app, the screen displays 3 numbers. (To match the max signal), start the car and the problem will work normally.

If you encounter any other problems, please send an email to [support@roarpedal.com](mailto:support@roarpedal.com) with your order number and a detailed description of the issue.  
We hope this installation guide helps you.

### 3 Product Function



Sensitivity level setting

mode switch

additional functions

- Race Mode, Sport+ Mode, Sport Mode, Eco Mode** offer 1~9 sensitivity level, these 36 different parameters allow you to find the best feeling of acceleration.

#### Race mode:

The most extreme mode. Its high-performance response allows your vehicle to accelerate like a race car.

#### Sport+ Mode:

This mode is favorite among spirited drivers who are looking to get-up-and-go. This mode allows you to accelerate a lot quicker than Eco and Sport Mode, which can help you in various situations.

#### Sport Mode:

This mode is customer favorite, gives your vehicle the response of an "old school" throttle cable, with a 1:1 pedal-to-throttle ratio. This mode is popular among daily drivers as it gives your vehicle a nice increased response over your stock ratings.

#### Normal mode:

The effect is to directly restore the control mode to the original one of your car.

#### Eco Mode:

This mode allows you to maximize your fuel economy by up to 20% over the stock ratings. It also doubles as a valet mode to keep a driver (or even newly licensed teenager) from being able to accelerate above a certain rate.

## 02 Addition Functions

### Lock Mode:

Lock the throttle, the car will not move forward to guard against thieves.

- ① Click the "Lock" button and follow the prompt to enter a 3-digit password. Once set, the anti-theft mode will activate.
- ② To unlock, click the "Lock" button again and enter the correct password. The pop-up window will close upon successful entry. If the password is incorrect, re-enter the correct password.

**Note:** The lock mode requires password setup each time it is used for enhanced security and convenience. Keep the password secure. Removing the product will cancel the anti-theft mode. This function provides a certain level of anti-theft protection.

### Learn Mode:

Achieve precise matching of the original car's throttle data for optimal results. **It is best to use the Learn Mode when installing this product for the first time.**

- ① Turn the car key to ACC to power, but do not start the engine or press the gas pedal. Then click "OK" in the app, and the screen will display four numbers. (To match the minimum signal.)
- ② Press the accelerator pedal to the ground and hold it, then click "OK". The screen will display four numbers. (To match the maximum signal.)

### Switch System:

Our product features a built-in dual-power driving system (R system and P system). The R system offers a more aggressive throttle response, while the P system provides a milder response. If you feel that the current effect is not satisfactory, you can switch between the power driving systems by clicking the button.

## 4 /// FAQs

### Q: Does Bluetooth need to stay connected?

**A:** No, it is not necessary. Once you have selected a mode, the device will automatically save your choice. You do not need to keep the Roar Pedal app or Bluetooth open if you are not planning to switch modes.

Furthermore, our product does not occupy a spot in the list of Bluetooth devices on your mobile phone. This means that your mobile phone can remain connected to other Bluetooth devices simultaneously.

### Q: Is Roar Pedal Throttle Response Controller safe?

**A:** Absolutely. Roar Pedal does not modify the vehicle's circuit or ECU; it is simply a signal controller that adjusts throttle sensitivity. It ensures you can access the performance intended by the manufacturer without compromising your vehicle's safety measures.

### Q: Will Roar Pedal void the vehicle's warranty?

**A:** Roar Pedal is 100% untraceable by dealerships as it does not leave any "flags" on your ECU. However, we recommend turning off

the unit and removing it before any repair or service visits to be on the safe side. Dealerships may scrutinize such modifications during diagnostics to avoid warranty payouts.

**Q: Do I need to reset the function mode every time I use it?**

**A:** No, this product features a mode memory function that automatically saves your settings once the configuration is completed. Unless changed in the setting mode, your selected mode will be preserved.

**Q: Will using Roar Pedal increase fuel consumption?**

**A:** The fuel consumption in Sport Mode remains largely unchanged, while in Sport+ Mode, it may increase by approximately 5%–10%. Eco Mode, on the other hand, can result in fuel savings of about 5%–20%.

**Q: How does long-term use affect the engine?**

**A:** Roar Pedal does not modify your car; it optimizes the signal parameters within the car's existing system. Controlled by the car computer, it has no adverse effects on the engine with long-term use. In fact, it can help reduce carbon deposits and enhance engine responsiveness.

**Q: Can I turn off or change modes at any time?**

**A:** Yes, you have the flexibility to change the function mode and turn off the mode whenever you desire.



Roar Pedal is a leading manufacturer of Electric Throttle Response Controllers, dedicated to delivering exceptional products. With a team of experienced professionals in research and development, we consistently bring forth reliable solutions. Since our establishment in 2013, we have been at the forefront of the automotive industry, adhering to stringent quality standards that leave a lasting impression on our valued customers and partners.

Specializing in electronic throttle accelerators, our products are compatible with major manufacturers including GM (Chevrolet, Cadillac, GMC), Ford, the Dodge-Jeep-Chrysler group, BMW, Mercedes-Benz, Volkswagen, Audi, Porsche, Toyota, Honda, and more. Our unwavering commitment lies in prioritizing Quality & Safety, ensuring our Roar Pedal solutions deliver noticeable and tangible performance enhancements.

# FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

# WARRANTY CARD

### 30-Day Refund Policy

Our refund policy is valid for 30 days from the date of purchase. After this period, we regret to inform you that we cannot offer a refund. To be eligible for a return, please ensure that the item is in its original packaging and includes all the accessories you received.

## We Stand Behind Our Products:

Every Roar Pedal Controller set is backed by our comprehensive 3-year warranty, which covers all manufacturing defects for the original owner.

## Warranty Coverage:

Our warranty covers the entire Roar Pedal set.

### What We Will Do to Resolve the Issue:

In the event that a component is found to be defective or damaged due to reasons beyond user error, we will promptly provide a replacement part. We are committed to assisting you with the replacement of any defective parts. Additionally, if any parts are damaged during shipping, we will replace them accordingly. In cases where the product cannot be repaired after a reasonable number of attempts as determined by Roar Pedal, we will provide the owner with a replacement product.

Purchase date:

Product serial No.:

User's name:

User's Tel:

## Maintenance Record

[illegible]