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› Roar Pedal Throttle Response Controller RP913 User Manual

Roar Pedal RP913

Roar Pedal Throttle Response Controller RP913 User Manual

Model: RP913 | Brand: Roar Pedal

1. INTRODUCTION

The Roar Pedal Throttle Response Controller RP913 is an advanced electronic device designed to modify the throttle signal in your vehicle, providing a more immediate and customizable acceleration experience. This controller aims to reduce throttle lag, offering enhanced responsiveness without altering the vehicle's Engine Control Unit (ECU).



Image: Roar Pedal Throttle Response Controller RP913, showing the main unit, remote control, and product packaging.

2. VEHICLE COMPATIBILITY

The Roar Pedal Throttle Response Controller is compatible with a wide range of vehicle makes and models. It is crucial to verify compatibility with your specific vehicle's year, make, and model before installation. Please refer to the detailed compatibility list provided in the product images or contact customer support for assistance.

LIST OF COMPATIBLE VEHICLES

Make	Model	Year
Dodge	Challenger	2008+
	Charger	2007+
	Dakota	2007-2010
	Durango	2007+
	Grand Caravan	2008-2020
	Magnum	2007-2008
	Nitro	2007-2012
	Viper	2008-2017
	RAM 1500	2007-2018
	Ram 1500 Classic	2019+
	RAM 2500	2007+
	RAM 3500	2007+
Cadillac	RAM 4500	2008+
	RAM 5500	2008+
Chevrolet	Escalade	2021+
	Blazer	2021+
	Silverado 1500 New Body (No Legacy)	2019
	Silverado 1500	2020+
	Silverado 2500	2020+
	Silverado 3500	2020+
Chrysler	Tahoe	2021+
	Traverse	2022+
	300	2007+
	Aspen	2007-2009
Ford	Pacifica	2007-2008
	Town and Country	2008-2016
	Bronco	2021+
	C-Max	2013-2018
	F-150	2010-2014
	F-250	2010-2014
	F-350	2013+
	F-450	2013+
	Ecosport	2018-2022
	Edge	2011+
	Escape	2009+
	Expedition	2015+
	Explorer	2011+
	F-150	2009+
	F-250	2011+
	F-350	2011+
	F-450	2011+
	F-550	2011+
	Flex	2013-2019
	Focus	2008-2018
GMC	Fusion	2010-2020
	GT	2017-2022
	Maverick	2022+
	Mustang	2011+
	Mustang Mach-E	2021+
	Police Interceptor Sedan	2013-2019
	Police Interceptor Utility	2013+
	Ranger	2019+
	Taurus	2013-2019
	Transit	2014+
GMC	Sierra 1500 New Body	2019
	Sierra 1500	2020+
	Sierra 2500	2020+
	Sierra 3500	2020+
	Yukon/Yukon XL	2021+

RP913



Make	Model	Year
Jaguar	E-Pace	2018+
	F-Pace	2017+
	F-Type	2019+
	XE	2015+
Jeep	Commander	2007+
	Grand Cherokee	2007-2020
	Liberty	2008-2012
	Wrangler	2007-2017
	Wrangler JK	2018
Land Rover	Defender	2020+
	Discovery	2017+
	Discovery Sport	2015+
	Range Rover	2013+
	Range Rover Evoque	2016+
	Range Rover Sport	2016+
	Range Rover Velar	2018+
Lincoln	Continental	2017-2020
	MKC	2015-2019
	MKS	2013-2016
	MKT	2013-2019
	MKX	2011-2018
Maserati	MKZ	2013-2020
	Nautilus	2019+
	Navigator	2009+
	Ghibli	2014+
Mazda	Levante	2017+
	Quattroporte	2014+
	3 (2.0L Skyactiv)	2012-2013
RAM	6	2009-2012
	CX-9	2010-2015
	1500	2011-2018
	1500 Classic	2019+
	2500	2011+
RAM	3500	2011+
	4500	2011+
	5500	2011+

Image: A comprehensive list detailing compatible vehicle makes, models, and years for the Roar Pedal RP913. This list includes various models from Dodge, Ram, Ford, Jeep, Chevrolet, Chrysler, GMC, Maserati, Mazda, Lincoln, and Land Rover.

3. PACKAGE CONTENTS

Upon opening your Roar Pedal package, please ensure all the following items are present:

- Roar Pedal Throttle Response Controller Unit
- Wireless Remote Control
- Wiring Harness
- User's Guide (English Manual)
- 2 x Adhesive Tape
- 2 x Cable Ties

PACKAGING LIST DISPLAY



Roar Pedal



Remote Control



Wiring Harness



English Manual



2 x Tape



2 x Cable Ties

Image: Display of the Roar Pedal package contents, including the main controller, remote, wiring harness, user manual, adhesive tape, and cable ties.

4. SETUP & INSTALLATION

The Roar Pedal Throttle Response Controller is designed for a plug-and-play installation, typically taking around 10 minutes. No specialized tools or modifications to your vehicle's wiring are required. The installation connects directly to your gas pedal sensor, eliminating the need to open the hood.

Installation Steps:

1. **Locate the Accelerator Pedal Sensor:** Identify the position of the accelerator pedal sensor, typically found on the top or side of the accelerator pedal assembly.
2. **Unplug Original Cable:** Carefully unplug the original wiring harness from the accelerator pedal sensor.
3. **Connect Roar Pedal Wiring Harness:** Connect one end of the Roar Pedal's wiring harness to the accelerator pedal sensor. Connect the other end of the Roar Pedal's wiring harness to the original cable that was unplugged from the pedal. Ensure secure connections.
4. **Secure the Unit:** Use the provided adhesive tape and cable ties to secure the Roar Pedal unit and any excess wiring in a safe location, away from moving parts or heat sources.

5. **Power On:** Once connected, the unit should power on, indicated by a green light.

EASY DIY INSTALLATION

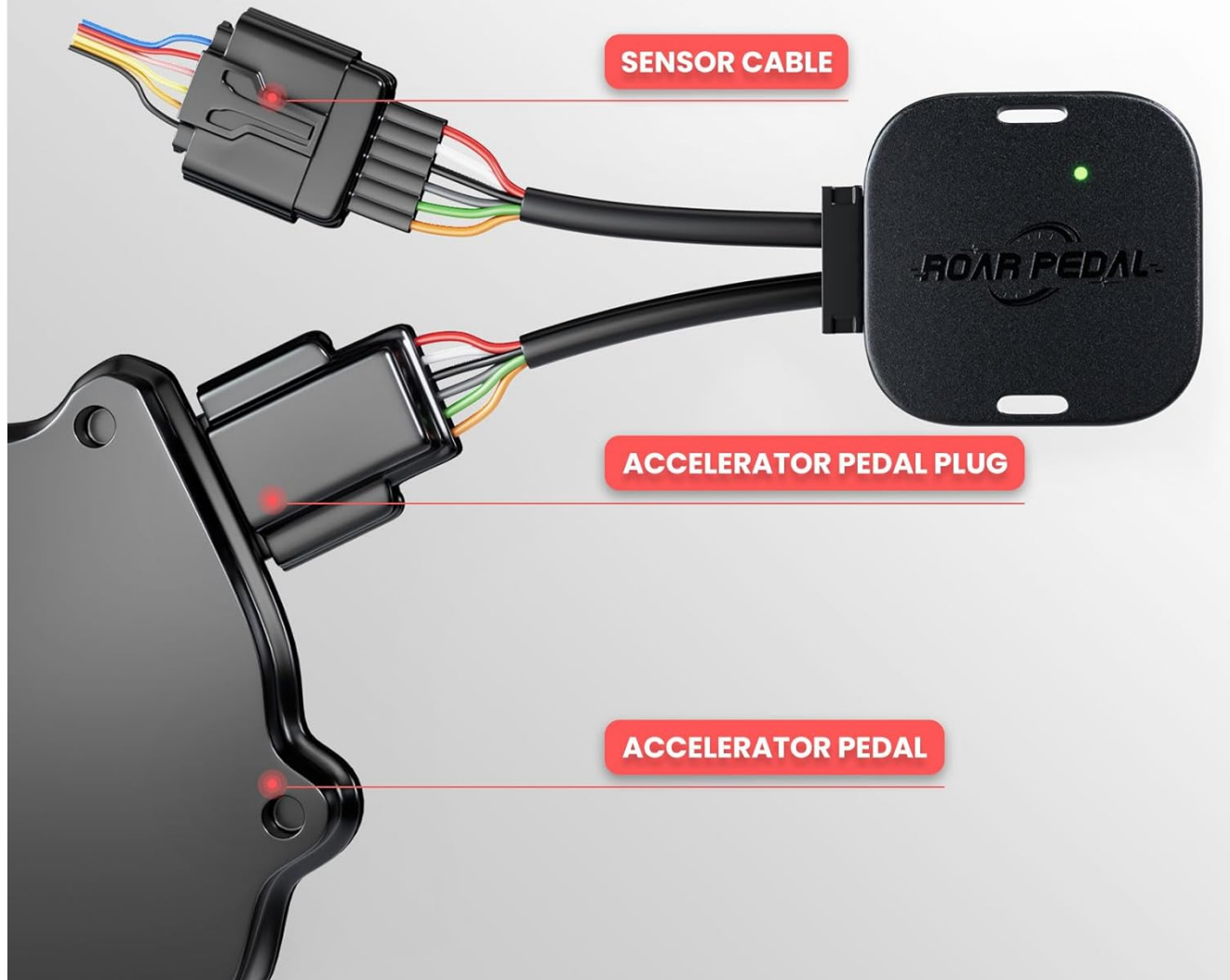
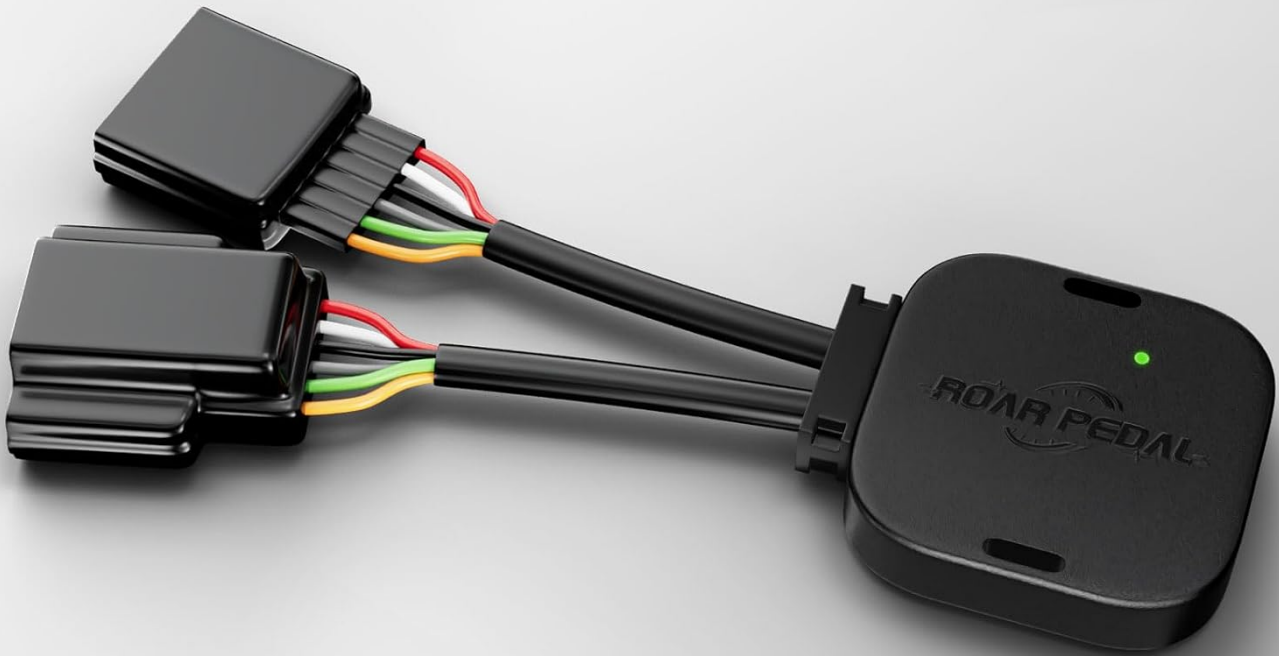


Image: A visual guide illustrating the simple plug-and-play installation process, connecting the Roar Pedal unit between the accelerator pedal sensor and the vehicle's original wiring.

REMOVE DELAYS FROM YOUR CAR



**EASY DIY UPGRADE
PLUG AND PLAY**



**APP OR REMOTE
WIRELESS CONTROL**



**WON'T VOID
YOUR CAR SERVICE**



**ECO MODE
UP TO 20%**

Image: The Roar Pedal unit connected in-line with the accelerator pedal wiring, emphasizing its easy DIY upgrade, app/remote control, and non-ECU modifying nature.

Installation Video Guide:

Your browser does not support the video tag.

Video: A user-generated video demonstrating the installation process of the Roar Pedal in a Silverado truck, showing how to unplug the original accelerator pedal connector and insert the Roar Pedal unit. (Note: This video is from a third-party creator, Patrick Griffin, but provides relevant installation steps.)

5. OPERATING INSTRUCTIONS

The Roar Pedal controller offers versatile control options via its dedicated wireless remote or a smartphone application. Both methods allow you to select from various driving modes and adjust sensitivity levels.

5.1. Wireless Remote Control

The included wireless remote features a 1.47" HD color IPS screen and a built-in 500mAh rechargeable battery. It provides direct control over the Roar Pedal settings without needing a smartphone.

- **Power Button:** Press and hold for 3 seconds to turn on/off. A single press switches the screen ON/OFF.

- **'M' Button:** Short press to change the driving mode. Long press for 5 seconds to activate 'Learn Mode'.
- **'+' Button:** Short press to increase the sensitivity level. Long press for 5 seconds to activate 'Lock Mode'.
- **'-' Button:** Short press to decrease the sensitivity level. Long press for 5 seconds to switch between R/P System.

WIRELESS REMOTE CONTROL



1.47" HD
COLOR IPS SCREEN



A BUILT-IN 500MAH
RECHARGEABLE BATTERY



SLEEK DESIGN
5:4 SIZE RATIO



LIGHTWEIGHT
WEIGHING ONLY 0.14 LB



Image: The wireless remote control unit, detailing its 1.47" HD color IPS screen, built-in rechargeable battery, sleek design, and lightweight nature.

5.2. Smartphone App Control

Download the "Roar Pedal" app from the App Store (iOS) or Google Play (Android). The app provides a user-friendly interface to manage all controller settings. Ensure Bluetooth is enabled on your smartphone to connect to the Roar Pedal unit.

- **Mode Selection:** Tap on the desired mode (ECO, NORMAL, SPORT, SPORT+, RACE) to switch between them.
- **Sensitivity Adjustment:** Use the slider or +/- buttons within the app to fine-tune the sensitivity level (1-9) for each mode.
- **Lock Mode:** Activate the anti-theft 'Lock Mode' by setting a password in the app. This immobilizes the vehicle

by disabling accelerator input.

- **Learn Mode:** Utilize the 'Learn Mode' for initial calibration to precisely match the throttle response to your vehicle's specific parameters.

FUN-TUNE YOUR CAR IN 63 EXCITING WAYS



Image: The Roar Pedal smartphone app interface, displaying the five driving modes (ECO, NORMAL, SPORT, SPORT+, RACE) and sensitivity adjustment, along with Lock and Learn functions.

5.3. Driving Modes:

- **NORMAL Mode:** Restores the vehicle's original throttle settings.
- **ECO Mode:** Designed for fuel efficiency, offering a milder throttle response. Adjustable sensitivity levels from 1 to 9.
- **SPORT Mode:** Provides immediate throttle response, similar to a traditional cable throttle. Adjustable sensitivity levels from 1 to 9.
- **SPORT+ Mode:** Offers a more aggressive throttle response than Sport mode, suitable for enthusiastic driving. Adjustable sensitivity levels from 1 to 9.
- **RACE Mode:** The highest performance mode, delivering the most aggressive and rapid acceleration. Adjustable sensitivity levels from 1 to 9.

5.4. Operating Video Guide:

Your browser does not support the video tag.

Video: An official product video from Roar Pedal Direct demonstrating the various modes (ECO, SPORT, SPORT+, RACE, NORMAL) and sensitivity adjustments of the Roar Pedal Throttle Response Controller via the remote and app, including a demonstration of the anti-theft lock mode.

6. FEATURES & ADVANTAGES

- **Improved Acceleration:** Significantly reduces throttle lag, leading to more rapid acceleration and instant response.
- **Multiple Driving Modes:** Offers 5 distinct modes (ECO, SPORT, SPORT+, RACE, NORMAL) with 9 adjustable sensitivity levels each, providing a total of 63 unique parameters for a customized driving experience.
- **Remote or App Control:** Conveniently adjust settings using either the wireless remote control with an HD color IPS screen or a smartphone application.
- **Easy Installation:** Plug-and-play design allows for quick setup in approximately 10 minutes, connecting directly to the gas pedal without requiring engine bay access.
- **Anti-Theft Lock Mode:** A free security feature that immobilizes the vehicle by disabling accelerator input when activated via the app or remote.
- **Unique Learn Mode:** Facilitates initial calibration to precisely match the throttle response to your vehicle's specific parameters.
- **Built-in Memory Function:** Retains your last selected mode and settings, eliminating the need to reconfigure after each ignition cycle.
- **Backup Safety Circuit Design:** Incorporates a safety circuit that automatically switches to the original pedal signal in case of abnormality, preventing a dead pedal and ensuring reliable performance.
- **Ultra-Low Power Design:** Engineered for long-term stable operation with minimal power consumption.

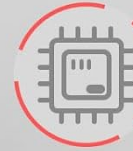
ROAR PEDAL'S ADVANTAGES



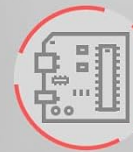
UNIQUE
Calibration Function



MEMORY FUNCTION
Save selected mode



BACKUP CIRCUIT
Ensure driving safety



ULTRA-LOW POWER
Long term stable work

Image: Visual representation of the Roar Pedal's key advantages: Unique Calibration Function, Memory Function, Backup Circuit, and Ultra-Low Power design.

7. SAFETY & MAINTENANCE

- **Non-ECU Interference:** The Roar Pedal is a signal controller that fine-tunes throttle sensitivity and does not modify or reprogram your vehicle's ECU. This ensures that it will not void your car's service warranty related to the ECU.
- **Anti-Theft Feature:** Utilize the 'Lock Mode' to immobilize your vehicle, providing an additional layer of security.
- **Regular Checks:** Periodically inspect the connections to ensure they remain secure and free from damage.
- **Cleaning:** Keep the remote control and main unit clean and free from dust or debris using a soft, dry cloth.

8. TROUBLESHOOTING

If you encounter any issues with your Roar Pedal Throttle Response Controller, please consider the following general troubleshooting steps:

- **No Power/Green Light Off:** Ensure all connections are firmly seated. Check the remote's battery level and recharge if necessary.
- **No Response:** Verify that the unit is properly connected and powered on. Ensure the app or remote is correctly paired via Bluetooth. Try restarting your vehicle and the Roar Pedal unit.
- **Unexpected Behavior:** If the vehicle exhibits unexpected throttle behavior, immediately switch the Roar Pedal to NORMAL mode or disconnect it. Re-check all connections and consider performing the 'Learn Mode' calibration again.
- **App Connectivity Issues:** Ensure Bluetooth is active on your phone and the app has necessary permissions. Close and reopen the app, or restart your phone.

For persistent issues, please refer to the detailed troubleshooting section in the included User's Guide or contact Roar Pedal customer support.

9. SPECIFICATIONS

Feature	Detail
Brand	Roar Pedal
Model Number	RP913
Item Weight	10.2 ounces
Product Dimensions	2.3 x 2.3 x 0.6 inches
Batteries	1 Lithium Polymer battery required (included)
Control Method	Wireless Remote or Smartphone App (Bluetooth)
Driving Modes	5 (ECO, NORMAL, SPORT, SPORT+, RACE)
Sensitivity Levels	9 per mode

10. WARRANTY & SUPPORT

The Roar Pedal Throttle Response Controller is designed to be a reliable and durable product. It is important to note that the installation and use of this device will not void your vehicle's service warranty, as it functions as a signal controller and does not alter the ECU.

For any product-related inquiries, technical support, or warranty claims, please refer to the contact information provided in your physical User's Guide or visit the official Roar Pedal website.