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PEDAL COMMANDER PC79 BT-NV2500

PEDAL COMMANDER Throttle Response Controller User Manual

MODEL: PC79 BT-NV2500 FOR NISSAN NV2500 (2012-2021)

Introduction

The PEDAL COMMANDER is an advanced throttle response controller designed to enhance your vehicle's driving experience by eliminating throttle lag. This compact device connects seamlessly to your car's gas pedal, offering effortless installation and immediate improvements in responsiveness. With 4 distinct modes and 36 fine-tunable presets, the Pedal Commander allows you to personalize your throttle response to match diverse driving preferences and conditions. It is engineered to provide a more responsive and engaging journey without affecting your vehicle's ECU or voiding its warranty.



Image: The Pedal Commander unit, its protective case, and packaging, showcasing the compact design and branding.

What's in the Box

Upon opening your PEDAL COMMANDER package, you will find the following components:

- Pedal Commander Unit
- User Manual
- Zip Ties
- Mounting Adhesive
- Wet Wipe
- Harness with OEM Plug
- Bracket

Key Features

- **Faster Acceleration:** Tunes the delay from your electronic gas pedal, allowing your vehicle to accelerate faster and providing a noticeable difference in performance.

- **36 Adjustable Settings:** Equipped with 4 different modes (Eco, City, Sport, and Sport+), each offering an additional 36 adjustable settings for fine-tuning to your specific driving preferences.
- **Eco Mode:** Significantly slows throttle response to improve fuel efficiency, ideal for long trips or fuel conservation.
- **Quick & Easy Installation:** A simple plug-and-play device that typically takes about 10 minutes to install.
- **Bluetooth Compatible:** Control the unit conveniently using the free Pedal Commander mobile application.
- **Will Not Void Your Warranty:** The Pedal Commander does not interfere with your vehicle's ECU and will not void your manufacturer's warranty.

NO MORE THROTTLE LAG

Accelerate Faster



Easy Plug and Play Installation



Full Customization



Improve Fuel Economy



Easy Control with Mobile App











2 YEAR WARRANTY

The Pedal Commander is a award winning product that doesn't void your vehicle warranty and does not interfere with your vehicle's ECU, while others may flag your ECU and void your vehicle's warranty.

Image: Visual representation of key features: no throttle lag, easy plug-and-play installation, full customization, improved fuel economy, and mobile app control.

Setup and Installation

The Pedal Commander is designed for a straightforward, plug-and-play installation that requires no special tools. Follow these steps for proper setup:

1. **Step 1:** Turn off the vehicle ignition completely.
2. **Step 2:** Keep the key fob at least 35 feet away from the vehicle.
3. **Step 3:** Leave the driver's door open and wait for 15 minutes to allow the vehicle's ECU to shut down completely. This is crucial for proper installation.
4. **Step 4:** Locate and disconnect the accelerator pedal plug. This is typically found above the accelerator pedal.
5. **Step 5:** Connect the Pedal Commander harness to both the accelerator pedal and the vehicle's wiring until you hear a distinct "click" sound, confirming a secure connection.
6. **Step 6:** Tuck the cables neatly to prevent interference with pedal operation.
7. **Step 7:** Mount the Pedal Commander unit using the included hook and loop bracket in a convenient location within the cabin.

Confirm a secure connection by hearing a "click" sound while plugging in the harness. Following these instructions carefully will help avoid potential issues.

15 MINUTE INSTALLATION

Simple Plug-and-play

-  **No special tools needed**
-  **Easy DIY Installation**
-  **Plugs into the accelerator gas pedal**

Image: A user demonstrating the simple plug-and-play installation of the Pedal Commander unit into the vehicle's accelerator gas pedal connection.

EASY INSTALLATION



STEP 1 Turn off the ignition.

STEP 2 Keep the key fob at least 35 ft. away.

STEP 3 Leave the driver's door open and wait for 15 mins to let the ECU shut down completely.

STEP 4 Locate and disconnect the accelerator pedal plug.

STEP 5 Connect Pedal Commander until it clicks.

STEP 6 Tuck cables neatly.

STEP 7 Mount Pedal Commander using included hook and loop bracket.

*Follow instructions to avoid potential issues. Confirm a secure connection by hearing a "click" sound while connecting plugs.

Image: A visual guide outlining the seven easy steps for installing the Pedal Commander, from turning off ignition to mounting the device.

Installation Overview Video

Your browser does not support the video tag.

Video: This video provides a visual overview of the Pedal Commander, demonstrating its compact size, the plug-and-play installation process, and how it connects to the vehicle's electronic throttle. It also briefly touches upon the mobile app control.

Operating the Pedal Commander

The Pedal Commander offers four main modes, each with 9 sub-levels (+4 to -4) for precise customization, totaling 36 adjustable settings. You can switch between modes using the buttons on the device or via the Bluetooth-enabled mobile app.

1. ECO Mode

Designed for fuel efficiency, ECO mode significantly slows down the throttle response. This is ideal for long highway drives, towing, or situations where maximum fuel economy is desired. It can help reduce fuel consumption by up to 20%.

2. CITY Mode

Provides an active and responsive throttle feel, making it suitable for daily driving and urban traffic. It enhances vehicle responsiveness beyond factory settings, offering a smoother yet more immediate acceleration.

3. SPORT Mode

Offers a heightened performance response, making your vehicle feel much more spirited. This mode is recommended for enthusiastic driving on public roads where increased acceleration and responsiveness are desired.

4. SPORT+ Mode

This is the most extreme response mode, providing instant acceleration. It is primarily intended for off-road use or track driving where maximum throttle sensitivity is required. Use with caution due to its aggressive response.

Each mode can be further adjusted with 9 sub-levels (from -4 to +4) to fine-tune the throttle sensitivity to your exact preference. The mobile app provides a visual interface for easy adjustment and mode selection.



CUSTOMIZE YOUR BEST SETTINGS
4 Modes & Total 36 Levels

The image shows a Pedal Commander device with four modes: Eco, City, Sport, and Sport+. The device is 2.6 inches wide and 1.7 inches high. It features a star icon and a Bluetooth symbol. Below the device, four icons describe the modes: Eco (slower response for fuel saving), City (enhanced responsiveness), Sport (elevated responsiveness for spirited driving), and Sport+ (instant acceleration for off-road or track use).

Mode	Description
Eco	Slower Response For Fuel Saving or For Better Traction
City	Enhances Vehicle Responsiveness Beyond Factory Setting
Sport	Elevates Vehicle Responsiveness for Spirited Driving
Sport+	Instant Acceleration Suggested for Off-Road or Race Track only!

Image: An illustration of the Pedal Commander unit displaying its four modes (Eco, City, Sport, Sport+) and the adjustable levels for each, highlighting its customization capabilities.

Understanding Pedal Commander Modes Video

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Video: This video features a representative explaining each of the four driving modes (Eco, City, Sport, Sport+) available on the Pedal Commander, detailing their intended use and benefits for different driving scenarios.

Maintenance

The Pedal Commander is a low-maintenance device. Once installed, it generally requires no ongoing maintenance. Ensure the unit and its connections remain secure and free from debris. Periodically check the wiring to ensure it has not become loose or damaged. Keep the unit clean by wiping it with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.

Troubleshooting

If you encounter any issues with your Pedal Commander, consider the following troubleshooting steps:

- **No Power/Unit Not Lighting Up:**
 - Ensure all connections are firmly seated and clicked into place.
 - Verify the vehicle's ignition is on (or in accessory mode, depending on vehicle).
 - Check for any visible damage to the cables or the unit itself.
- **Incorrect Response/No Change in Throttle:**
 - Confirm the unit is powered on and a mode is selected.
 - Ensure the Pedal Commander app is correctly paired via Bluetooth and the settings are being applied.
 - Disconnect and reconnect the unit, ensuring the 15-minute ECU reset procedure (Step 3 of installation) is followed.
- **App Connectivity Issues:**
 - Ensure Bluetooth is enabled on your mobile device.
 - Restart the Pedal Commander app.
 - Try restarting your mobile device.
 - If issues persist, try unpairing and re-pairing the device in the app settings.

If these steps do not resolve the issue, please refer to the support section for further assistance.

Specifications

Attribute	Detail
Brand	PEDAL COMMANDER
Model Number	PC79 BT-NV2500
Item Weight	10 ounces
Product Dimensions	2.5 x 1.75 x 0.5 inches
Country of Origin	Turkey
Exterior	Painted
Position	Inside
Bulb Type	LED
Special Features	Bluetooth, Plug and Play

Legal Disclaimer

The Pedal Commander throttle response controller is intended to boost your vehicle's performance, including its acceleration capabilities. Pedal Commander shall not be liable for any decisions made by the driver while operating any on or off-road vehicle. Please read the full description and this instruction manual before installing and operating the device.

Warranty and Support

The Pedal Commander comes with a 2-year warranty. For any technical support, warranty claims, or further inquiries, please contact Pedal Commander customer service. You can find contact information on the official Pedal Commander website or through your point of purchase.

For additional resources and frequently asked questions, you may visit the [PEDAL COMMANDER Store on Amazon](#).

