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› Faaftech SP32 Shiftpower 4.0+ Throttle Response Controller User Manual

Faaftech SP32

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Model: SP32 | Brand: Faaftech

INTRODUCTION

The Faaftech SP32 Shiftpower 4.0+ Throttle Response Controller is an electronic module designed to enhance your vehicle's acceleration response by eliminating throttle delay. This device offers a personalized driving experience with immediate results, providing greater control over your car's performance. It is compatible with select 2005+ Cadillac, Chevrolet, GMC, and Hummer models.



Image: The Faaftech SP32 Shiftpower 4.0+ Throttle Response Controller, including the main module, wiring harness, and control button, displayed alongside its retail packaging.

Product Overview Video

Video: An introduction to the Shiftpower Throttle Response Controller, explaining its purpose and benefits. This video provides a comprehensive overview of the product's features and how it enhances the driving experience. (Duration: 6:21)

WHAT'S IN THE BOX

Upon opening your Faaftech SP32 Shiftpower 4.0+ package, you will find the following components:

- SP32 Module: The main electronic unit.
- Shiftpower Button: A lighted control button for mode selection.
- Car Specific Harness: Designed for plug-and-play installation with your vehicle's accelerator pedal.



Image: A close-up view of the Shiftpower SP32 module and its car-specific wiring harness, highlighting the OEM-style connectors.



Image: A detailed shot of the Shiftpower control button, showing its compact design and the adhesive backing for mounting.

For a visual guide to the components, refer to the "Unboxing" segment of the product video (timestamp 0:59).

SETUP AND INSTALLATION

The Shiftpower 4.0+ is designed for a simple, plug-and-play installation without requiring any programming or modifications to your vehicle's factory harness.

1. **Locate Accelerator Pedal Connector:** Identify the electronic accelerator pedal in your vehicle and

its connector.

2. **Disconnect:** Carefully unplug the vehicle's harness connector from the accelerator pedal.
3. **Connect Shiftpower Harness:** Plug the disconnected vehicle harness into one end of the Shiftpower harness connector.
4. **Connect to Pedal:** Plug the other end of the Shiftpower harness connector back into the accelerator pedal assembly.
5. **Connect Control Button:** Connect the Shiftpower control button to the designated red connector on the harness.
6. **Mount Button:** Use the double-sided adhesive tape on the back of the control button to mount it in a convenient location within your vehicle.
7. **Bluetooth Pairing:** Pair the Shiftpower module with your smartphone or tablet via Bluetooth to access the full range of customization options through the dedicated application.

For a detailed visual walkthrough of the installation process, please refer to the "Installation" segment of the product video (timestamp 4:08).

OPERATING THE SHIFTPOWER 4.0+

The Shiftpower 4.0+ offers intuitive control through its smartphone application (available for iOS and Android) or the physical control button.

Driving Modes

The device features 351 adjustable settings across various driving modes, allowing for precise customization of your throttle response:

- **Dynamic Mode:** For day-to-day traffic or a slightly sportier feel.
- **Sport Mode:** Provides a more responsive and engaging driving experience.
- **Super Sport Mode:** Delivers an aggressive throttle response, ideal for spirited driving.
- **Race Mode:** Offers maximum throttle sensitivity for track use or ultimate performance.
- **Eco Mode:** Designed to increase fuel efficiency by reducing throttle sensitivity.



Image: The Shiftpower smartphone application interface showing the device in 'OFF' mode, indicating no active throttle response modification.



Image: The Shiftpower smartphone application interface displaying 'RACE' mode with 85% throttle response, indicating an aggressive setting.

Safety Modes

The Shiftpower 4.0+ also includes two safety modes for added security and control:

- **Valet Mode:** Limits the throttle acceleration, preventing misuse of your vehicle when left with a valet or at a car wash.
- **Lock Mode:** Completely blocks or disables the throttle pedal function, serving as an additional anti-theft device.

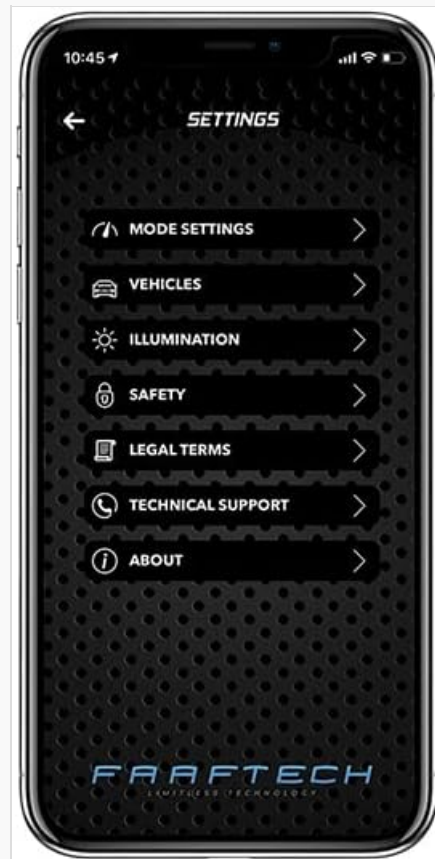


Image: The settings menu within the Shiftpower smartphone application, providing access to various customization options for modes, illumination, and safety features.

You can easily switch between modes using the smartphone application or by pressing the physical control button. The button's LED color will change to correspond with the selected mode. For a demonstration of the smartphone application and its features, refer to the "Smartphone Application" segment of the product video (timestamp 1:58).

How It Works

The Shiftpower 4.0+ operates by modifying the electronic signals from your vehicle's accelerator pedal. Modern vehicles often feature an electronic accelerator pedal system, which can introduce a noticeable delay between pressing the pedal and the engine's actual response. The Shiftpower controller intercepts these signals and advances the accelerator response in a personalized way, effectively compensating for this delay.

This results in a more immediate and responsive feel from the engine, enhancing the driving experience. It is important to note that the Shiftpower controller does not increase the actual engine power (horsepower or torque); it only optimizes the throttle response. Therefore, fuel consumption will depend solely on your driving style and the selected mode.

For a detailed explanation of the Shiftpower's operational principles, refer to the "How Does It Work?" segment of the product video (timestamp 3:29).

COMPATIBILITY

The Faaftech SP32 Shiftpower 4.0+ Throttle Response Controller is compatible with a wide range of vehicles equipped with an electronic accelerator pedal. This includes many models from 2005 onwards.

The specific models listed as compatible include:

- 2008-2017 BUICK ENCLAVE
- 2007-2020 CADILLAC ESCALADE
- 2019-2021 CADILLAC XT4
- 2007-2013 CHEVROLET AVALANCHE
- 2010-2015 CHEVROLET CAMARO
- 2005-2010 CHEVROLET COBALT
- 2007-2013 CHEVROLET CORVETTE
- 2010-2017 CHEVROLET EQUINOX
- 2004-2012 CHEVROLET MALIBU
- 2006-2007 CHEVROLET MONTE CARLO
- 2007-2018 CHEVROLET SILVERADO
- 2019 CHEVROLET SILVERADO 1500 LD w/ADJ Pedals
- 2019 CHEVROLET SILVERADO 2500/3500
- 2007-2020 CHEVROLET SUBURBAN
- 2007-2020 CHEVROLET TAHOE
- 2004-2009 CHEVROLET TRAILBLAZER
- 2009-2017 CHEVROLET TRAVERSE
- 2007-2016 GMC ACADIA
- 2007-2018 GMC SIERRA 1500
- 2019 GMC SIERRA 2500/3500
- 2019 GMC SIERRA LIMITED w/ ADJ Pedals
- 2010-2017 GMC TERRAIN
- 2007-2020 GMC YUKON / XL
- 2008-2009 HUMMER H2
- 2007-2010 PONTIAC G5
- 2005-2010 PONTIAC G6
- 2005-2006 PONTIAC PURSUIT
- 2006-2009 PONTIAC SOLSTICE
- 2007-2009 SATURN AURA
- 2005-2007 SATURN ION
- 2007-2010 SATURN

The Shiftpower controller is compatible with both manual and automatic transmissions, as well as diesel or turbocharged engines, as its function is independent of these vehicle characteristics. For the most up-to-date and comprehensive compatibility list, please visit the official Faaftech website and use their vehicle search function.

For more information on compatibility, refer to the "Compatibility" segment of the product video (timestamp 4:44).

SPECIFICATIONS

Feature	Detail
Manufacturer	Faaftech

Brand	Faaftech
Model	SP32 Shiftpower 4.0+ Throttle Response Controller
Item Model Number	SP32
Manufacturer Part Number	SP32
ASIN	B0B4T97N25
Date First Available	January 28, 2022

MAINTENANCE

The Faaftech SP32 Shiftpower 4.0+ Throttle Response Controller is designed to be maintenance-free. No regular servicing or special care is required for the device itself. Ensure all connections remain secure and free from debris.

TROUBLESHOOTING

Should you encounter any issues with your Shiftpower controller, please refer to the troubleshooting section in the full user manual or contact Faaftech customer support for assistance. Common issues may include ensuring proper connection of the harness and button, and verifying Bluetooth pairing with the smartphone application.

WARRANTY

The Faaftech SP32 Shiftpower 4.0+ Throttle Response Controller comes with a 3-year warranty, ensuring peace of mind regarding product quality and performance. Please retain your proof of purchase for warranty claims.

SUPPORT

For further assistance, technical support, or warranty claims, please visit the official Faaftech website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.