



**USER MANUAL**

THROTTLE RESPONSE CONTROLLER

**SHIFTPOWER-USA**

Powered by  
**FRAFTECH**



## **WARNING**

Keep this manual to reference the password of your ShiftPower



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# Disclaimer

Before installing ShiftPower, carefully read the operating instructions and safety information in this manual.

1. This product is designed to improve your vehicle's throttle response. By installing this device you agree to exempt ShiftPower USA and Faaftch from any responsibility when interacting with ShiftPower while driving;
2. Using ShiftPower, the driver must drive responsibly, ShiftPower USA and Faaftch are not responsible for the driver's decision to drive in a dangerous or illegal manner;
3. When using the product, never exceed the speed limits determined by the local traffic laws;
4. When using the ShiftPower App, follow local laws and use responsibly. ShiftPower USA and Faaftch recommends using it only while the car is parked in a safe place;
5. Installation must be performed by professionals with training and experience in electronics and automotive accessories. Damage caused by incorrect or improper installation will not be covered by the product warranty;
6. Do not stick adhesive tapes on the interface information label to avoid loss of information and consequently loss of the product warranty. The label contains information such as serial number, software version and Bluetooth password;
7. ShiftPower USA and Faaftch reserves the right to change the general, technical and aesthetic characteristics of its products without prior notice;



# Contents



Interface



Mode button / Indicator LED



Wire harness



2 Tie wrap (15cm)

User Manual

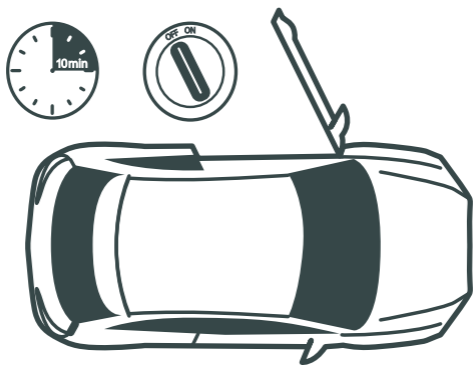
User manual



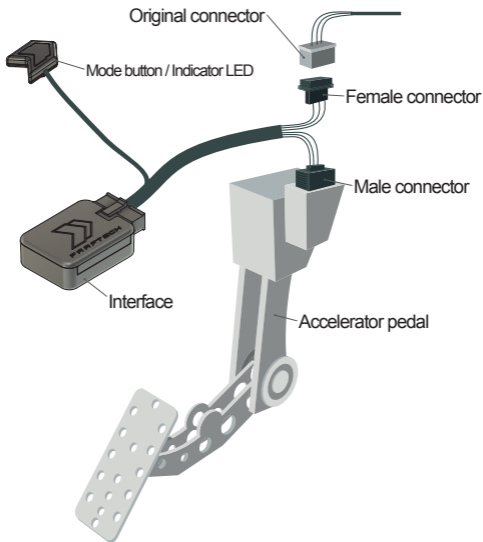
# Installation

Follow the instructions below to ensure that the product is installed correctly and to prevent vehicle warning lights.

1. Turn off the ignition and remove the key from inside the vehicle;
2. Keep only the driver's door open for 10 minutes for the vehicle system to enter Stand-By mode;



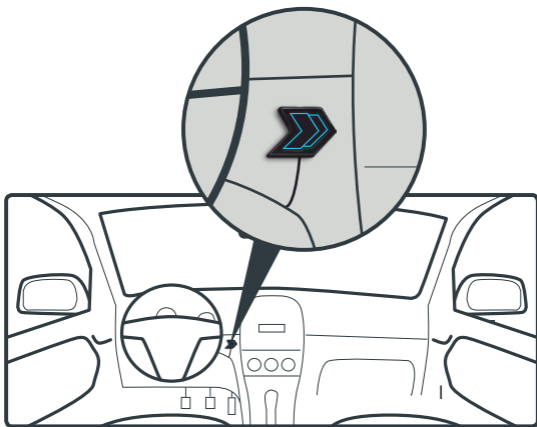
3. Remove the original accelerator pedal connector, connect to the female interface connector and connect the male connector to the accelerator pedal;



*Note: Make sure that the connectors are securely locked to prevent malfunctions.*



4. Choose a location on the panel, clean well and stick the Mode button / Indicator LED;



*Note: Use the included tie wraps to secure the module and wire harness in place to not interfere with the drivers feet or operation of the vehicle's pedals or steering.*



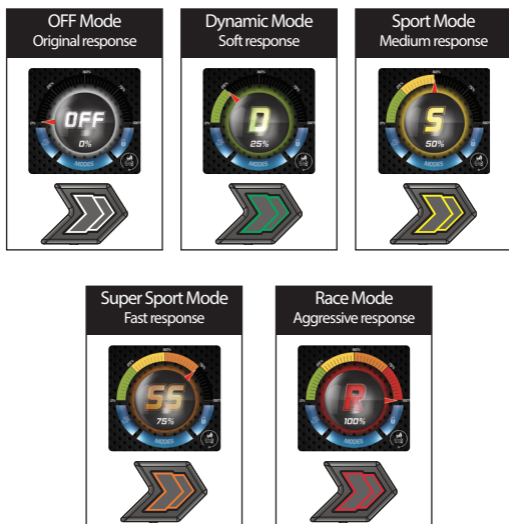


# Operation

## 1. Driver Modes

When the ignition is switched on, the Mode button will indicate the current driving mode through the LED illumination.

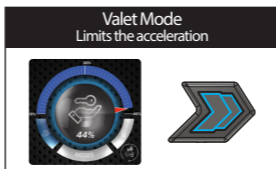
To switch among driving modes, simply tap the Mode button / Indicator LED or use the ShiftPower App.



## 2. Valet Mode

The Valet Mode limits the throttle response to 30% and can be adjusted between 15 to 45% through the ShiftPower App.

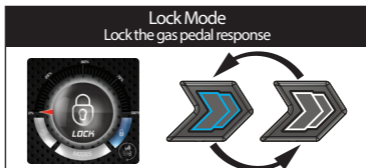
To activate/deactivate the Valet mode, press and hold the Mode button until the illumination LED turns Blue (5 seconds) or through the ShiftPower App.



## 3. Lock Mode

Lock mode works as an anti-theft device, canceling all throttle response.

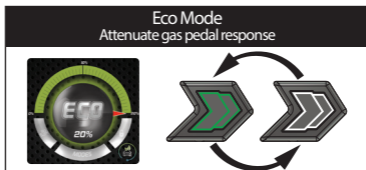
To activate/deactivate the Lock mode, press and hold the Mode button for 10 seconds or via the ShiftPower App. When activated, the illumination LED will flash Blue and White. When deactivating, the ShiftPower will return to the last selected mode before activating the Lock mode.



## 4. Eco Mode

Eco mode allows to attenuate the throttle response by up to 20% and can be adjusted between 0 to 20% through the ShiftPower app.

To enable/disable Eco mode, press and hold the Mode button until the illumination LED flashes Green and White (3 seconds) or through the ShiftPower App.



# ShiftPower App


## 1. Downloading the App

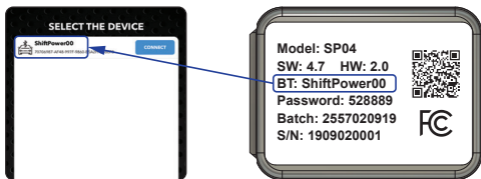
Go to the Apple Store (iOS) or Google Play Store (Android), search for ShiftPower then click Install.



Scan this QR Code to download the ShiftPower App

## 2. Connecting the Smartphone

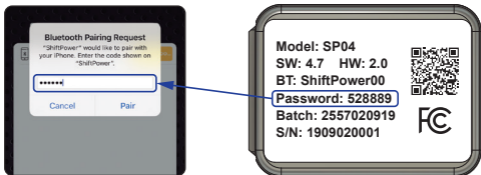
1. Turn on the vehicle ignition;
2. Make sure that the smartphone Bluetooth is turned on, then open the ShiftPower App, click on  and select the corresponding ShiftPower device with the one described on the interface label;



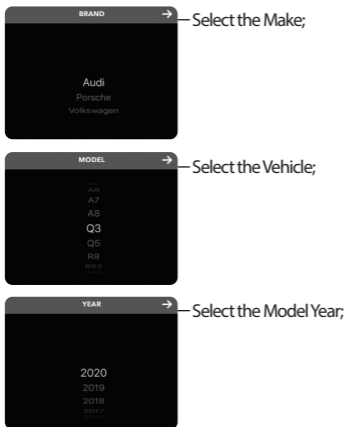
Touch and slide the screen down to update the device list in case your device is not listed on the screen.



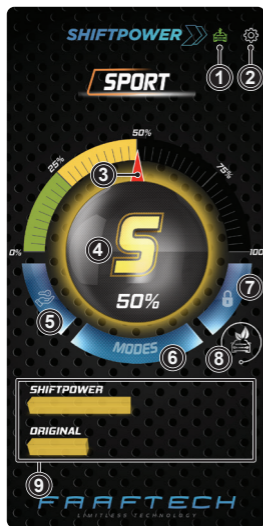
3. Enter the password located on the interface label and at the beginning of this manual to pair the smartphone;



4. Finalize the pairing by inserting the vehicle data;



### 3. Initial Menu

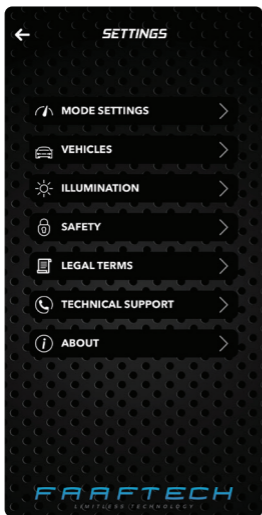


- 1 Bluetooth connection
- 2 Settings
- 3 Shows throttle response level. Touch and move the arrow to select a customized gain
- 4 Indicates the current driving mode
- 5 Activate/Deactivate the Valet mode
- 6 Switch among the driver modes
- 7 Activate/Deactivate the Lock mode
- 8 Activate/Deactivate the Eco mode
- 9 Shows the ShiftPower versus original response

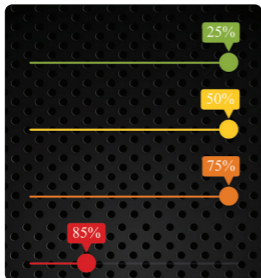


## 4. Settings

On the initial menu, touch in  to access the settings menu.



## 4.1 Mode Settings



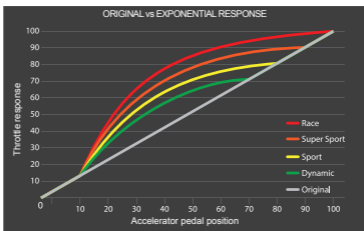
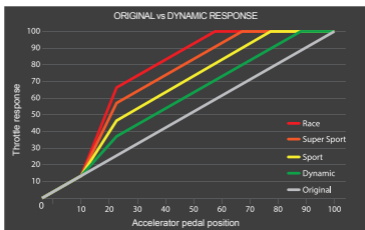
Customizes the response gain of the Dynamic, Sport, Super Sport and Race driving modes.



Change the ShiftPower response curve as shown in the graphs below:







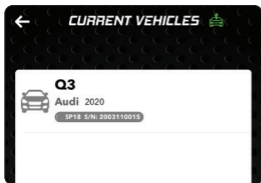
*\*Illustrative graphics based on a reference vehicle, with slight differences depending on the vehicle.*



Returns all settings to the default mode.



## 4.2 Vehicles



View ShiftPower modules and registered vehicles.

## 4.3 Illumination



Once activated, the Mode button / Indicator LED automatically adjusts between day and night modes.

*\*Function available only while the smartphone is paired and ShiftPower App is running.*



Adjusts the brightness of the Mode button. Turn off the automatic option to adjust the brightness manually.



## 4.4 Safety

UNLOCKING BY PRESENCE



Turning on Unlocking by Presence, ShiftPower will disable Lock mode automatically when reconnecting with the Smartphone.

MANEUVER BY PRESENCE



By turning on Maneuver by Presence, ShiftPower will disable Valet mode automatically when reconnecting with the Smartphone.

PASSWORD TO LOCK



Turning on the Password to Lock, ShiftPower will ask for the smartphone password or biometric confirmation to activate Lock mode.

PASSWORD TO VALET



Turning on Password to Valet, ShiftPower will ask for the smartphone password or biometric confirmation to activate Valet mode.

DISABLE BUTTON



Turning on Disable Button, the Lock and Valet Mode can only be enabled and disabled by ShiftPower App.

*Important Note: For security, we recommend keeping the Password to Lock and Password to Valet functions ON to avoid undesired activation.*



## 4.5 Legal Terms

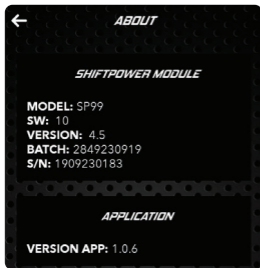
View the terms of use for App and ShiftPower device.

## 4.6 Technical Support



Displays the channels for contact if you have any questions about the operation of the product.

## 4.7 About



View module and App information.



# Troubleshooting

If you are experiencing one of the problems listed below, check this guide for a quick fix. If the problem persists, contact technical support.

Problem	Solution
After the ShiftPower is installed, the accelerator does not work and the instrument panel indicates several operating errors	Check that connectors are securely locked at the accelerator pedal and the interface module
	Confirm the model number of the ShiftPower is correct for the vehicle it is installed. Visit <a href="http://Shiftpowerusa.com">Shiftpowerusa.com</a>
The vehicle has limited acceleration	Turn off valet mode. When activated, the mode button LED illuminates blue (see page 10)
The vehicle does not respond to the accelerator pedal	Turn off the Lock mode. When activated, the mode button LED switches between blue and white (see page 10)
When pairing the Smartphone with the ShiftPower, a password is required	The password is printed on the information label of the ShiftPower module and at the beginning of this manual



# Warranty

ShiftPower USA and Faaftech guarantees its customers a period of 03 (three) years against defects in raw material and manufacturing, proven by presenting the respective invoice from the reseller to the consumer and this Warranty Certificate duly completed, observing the following:

1. ShiftPower USA and Faaftech declares the Guarantee null and void if it is found by it, or by technical assistance, that the device has suffered damage caused by misuse, improper installation, accidents (falls, knocks, etc.), or even signs of been breached, adjusted or repaired by unauthorized persons;
2. The Warranty Certificate will only be valid when filled out together with the Invoice of Sale to the Consumer;
3. The repairs and maintenance of the appliance under warranty will be the exclusive responsibility of ShiftPower USA and Faaftech assistance;
4. Products with an adulterated or unreadable serial number will not be covered by this warranty;
5. Shipping, insurance and packaging expenses are not covered by this guarantee, being the sole responsibility of the owner;

**SHIFTPOWER-USA**

WARRANTY CERTIFICATE

**3 YEAR**

Buyer:

Phone: ( )

City:

State:

Address:

Product Model:

Serial Number:

Invoice Number:

Purchase Date:

*Note: This Warranty Certificate is only valid when completed and accompanied by the corresponding invoice. Keep in a safe place.*



# FCC Certification

## FCC ID: 2AXLF-SHIFTP

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.

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

**Note:** 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.



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*THROTTLE RESPONSE CONTROLLER*  
***SHIFTPOWER-USA***

***www.ShiftPowerUSA.com***

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***Technical Support***

***Support@ShiftPowerUSA.com***