

SPRINT

BOOSTER

POWER CONVERTER

Installation guide for Sprint Booster #SBBM0002S, BMW 3 series 2001 and up
Gas equipped cars.



Tools needed:

1. 5mm allen key or 5mm allen socket.
2. Jewlers screwdriver or small pick.
3. Hobby knife

Before proceeding.

Please note that you may have a model of BMW that shows the entry of the factory harness different than what is shown here. Some models of BMW will need a snip or cut of the carpet to allow some slack of the harness for easier connection.

Step 1- Turn off ignition. Let car sit for five minutes. Remove the floor mat, held to the floor via two snap buttons near base of the seat. Your pedal area should look similar to Fig #1

Step 2- Using the small pick; remove the small allen screw cover at the base of the pedal. It will reveal a hex screw to aid in removing the pedal from the floor. Fig #2

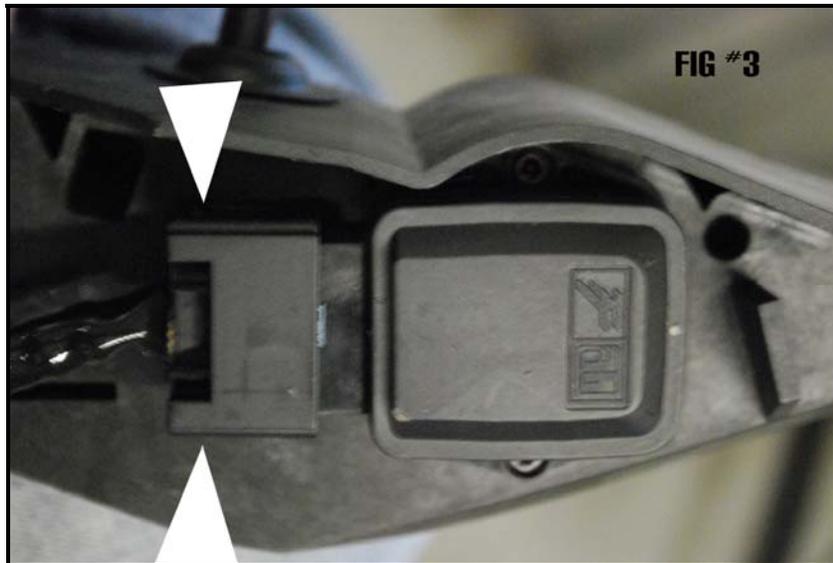


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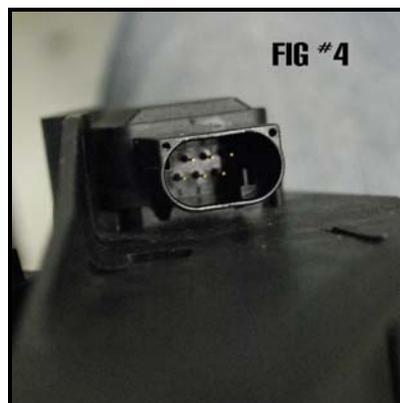
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Step 3- Use the 5mm allen key to remove the allen screw from the base of the pedal, this is the only fastener holding the pedal down. Carefully lift and push back the pedal and its casing to remove it from the ledge holding it to the firewall area. Once the pedal is free, you will notice on the right side the connector you need to unplug for the Sprint Booster. Proceed to disconnect the harness from the pedal assembly, shown in Fig #3. Pinch the connector from the long side (arrows) to aid in releasing it from the pedal. A higher mileage car may require extra force due to dirt collected around the pedal.



The pedal should now be free of the car. Proceed to install the Sprint Booster in the pedal connection. There is only one direction the harness can install. If you look at figure #4 closely, the connectors are “D” shaped. This shape will carry from male to female sides of the connector. Be careful when connecting the Sprint Booster to the pedal that you do not bend any pins. It should not be much effort to push the connector together and hear a “click” for a secure fit. Also connect the Sprint Booster into the OEM harness.



With a hobby knife, slit the carpet through to the insulation. Make this cut approximately 1.5" towards the firewall from the exit area of the OEM pedal harness. Plug the selectable button lead into the Sprint Booster, notice the orientation of the connection, it will only plug in one way successfully.



Due to lack of room beside the pedal, you will need to submerge the Sprint Booster into the carpet to allow reinstallation of the pedal. The slit made earlier makes this possible. Shown in Fig #5

Before reinstalling the pedal, make sure you have your route of the Sprint Booster harness like shown in figure #5, it is similar to the stock harness route. From here, install the pedal assembly, with Sprint Booster attached, back into the car. You will notice a slot at the back of the pedal that slides onto a metal tab on the sloped area of the floor, shown in Figure #6. Be sure to fit these items together first before bolting the base back to the floor with the 5mm allen bolt.



After securing the pedal to the floor, route the selectable button lead along the back of the pedal. Mount the selectable button- installing it along the forward area of the center console or on the side of the steering column works well. Be sure to hide the selectable button wire in your dash to avoid being caught by your foot.



You have now completed the Sprint Booster installation. From here you can alter the degree of response in the pedal by pressing the button on the lead installed on the center console. Red denotes the most responsive setting, green slightly less and no color in the button returns the car back to stock.

NOTE:

If when you get the Sprint Booster and the pedal back together, and the car starts with little to no throttle response or the car revs erratically/high - be sure to check your harness and pedal connection. If your connection is secure without any bent harness pins upon inspection, there is either a malfunction within the Sprint Booster unit, or you have the incorrect part # for your application. Please contact your place of purchase for further assistance, or call (905) 822 7223 ext 229.

