Mini Mania, Inc.

BRITISH MOTOR HERITAGE APPROVED DISTRIBUTOR

INSTALLATION INSTRUCTIONS FOR SPRINT BOOSTER THROTTLE REMAP MODULE

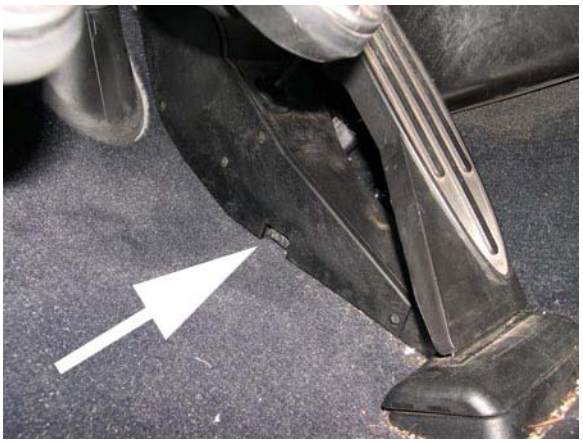
MINI Cooper and Cooper S

2002-2006 R50 MINI Cooper and R53 Cooper S Hatchback
2005-2008 R52 MINI Cooper and Cooper S Convertibles

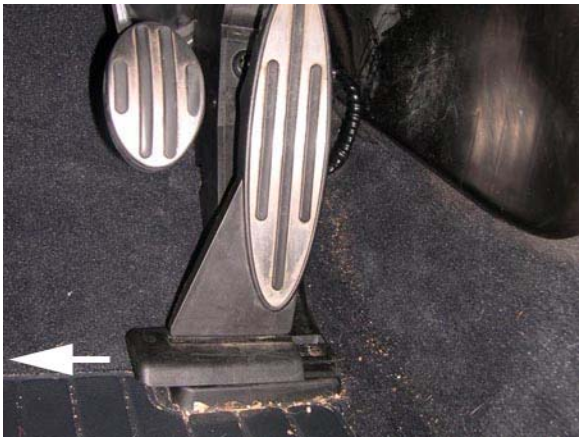
INSTRUCTIONS

Instructions for the Sprint Booster Throttle Remap Module for the MINI Cooper. Take all necessary precautions before working on your MINI. Mini Mania Inc. is not responsible for any damages incurred during the installation of this part.

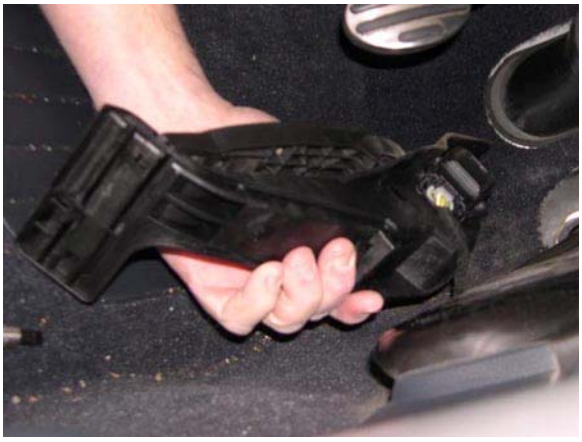
1. Locate the plastic tab on the left side of the accelerator module. Push down on the tab (towards the floor) as you slide the entire module to the left. **IMPORTANT**: There are 2 sequential 'catches' that the tab must clear, if you are able to slide the module slightly and it stops, press the tab again to clear the second 'catch'.



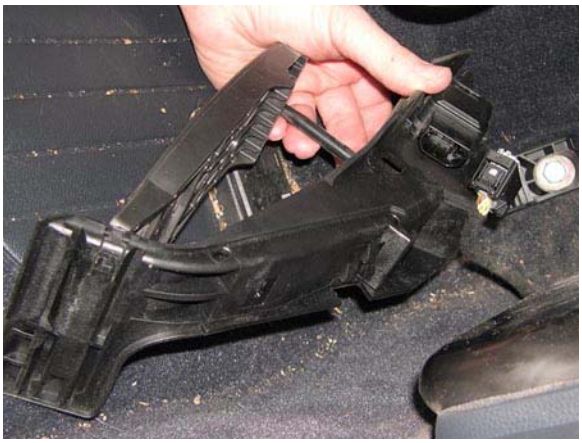
2. Image below shows the accelerator module sliding left after the tab is released. After sliding a short distance to the left, the entire module will lift off.



3. Image below shows the right side of the module where the harness plugs in.

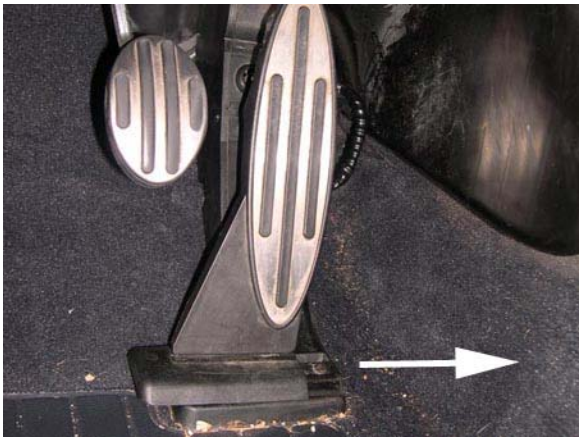


4. Flip the accelerator module on its side to expose the electrical connector. There are latches that need to be 'released' in order for the connector to unplug. While holding the module with one hand, squeeze the connector on the sides with your other hand (squeezing the latches) as you pull it free. It's a little tight, but it will come free.



5. Get the Sprint Booster ready by plugging in the switch module – the little white connector goes into the white plug on the Sprint Booster. Much easier to do this in advance.
6. Install the Sprint Booster Module:
    a. The 'male' end of the Sprint Booster plugs into the accelerator pedal module. It is 'keyed' so it will only plug in one way.
    b. The 'female' end of the Sprint Booster plugs into the harness – this end is **NOT keyed**. Carefully align the clips/latch on the connector to the barbs on the Sprint Booster. If it aligns – you are good. If they are not in alignment, flip the harness connector and try again.
    c. Module is 'added' to the harness.

7. BEFORE you re-install the accelerator pedal module, try a simple test. Lay the pedal on the floor and carefully start the car. Press the accelerator pedal with your hands to make sure the throttle responds. If it responds normally, you are good. If nothing happens – you have the harness connector on 'upside down'. Shut off the car and correct the harness.



8. Carefully arrange the Sprint Booster module behind the accelerator as you re-install the accelerator module. Slide the entire module back in place while making sure the Spring Booster module does not bind against anything. Once the module 'snaps' into place, it's done!

9. Route the switch module cable into the center console making sure it does NOT interfere with the pedal movement. Set the switch module in the center console, or in the cupholder for now.
10. Re-install the screw and secure the accelerator pedal module.

Once you confirm the accelerator pedal moves freely, remove all tools and fire up your MINI.

Press the button on the switch to change the modes – you may need to hold the button briefly to change the modes:

- 'No light' is in factory stock position.
- 'Green' is the mid-level setting.
- 'Red' is in high mode.

You can change the modes any time your foot is 'off' the pedal. **Do NOT change modes while you are pressing the accelerator pedal.**

Once you confirm everything is in working order, you can mount the switch using the supplied double stick tape to a location of your choice.

Note on the switch: If you find yourself only using one mode on the Sprint booster – you can remove the switch module and the Sprint Booster will 'remember' the setting even if you shut off the car – until you manually change the mode with the switch.

Allow a few days for your MINI's ECU to 'learn' and adapt to the new throttle map. Be 'aware' of the new throttle sensitivity until you adjust your driving style.

It is NORMAL for the button to remain lit for a short time after shutting the car off. This is a simple 'bleeding off' of the residual power. This is extremely low power so it will not drain your battery.

ENJOY!