



## **Performance Air Intake Kit Part Number: 827-548**

**Scion 2012-2016 FR-S 2.0L  
Subaru 2012-2020 BRZ 2.0L  
Toyota 2017-2020 86 2.0L**

## **Installation Instructions**

For technical inquiries please email us at [tech@hpsperformanceproducts.com](mailto:tech@hpsperformanceproducts.com)

In the email, please include the following information for faster response:

- Year / Make / Model / Engine of your vehicle.
- If it is a fitment issue, please include pictures showing the fitment problem.
- If there are missing parts, please list the part number(s) from the bill of materials on the 2nd page.
- Optional but recommended – Your contact phone number and preferred call back time.

You can also give us a call via 626-747-9200 for tech support Monday-Friday, 9:00am-5:00pm Pacific Time.

# Bill of Materials

## Kit Number: 827-548

Description	Prep	Part Number	Qty	Check
Air Intake Pipe	1	529-221	1	
3" Air Filter	2	HPS-4276	1	
Heat Shield	3	531-44	1	
Intake Bracket	4	530-222	1	
3" Silicone Coupler, 2.5" Length	4	P3SC-300-L25	1	
T-bolt clamp for 3" coupler	4	SSTC-79-87	2	
6mm Bolt 12mm long	4	HW-B6-12	2	
6mm Flange Nut	4	HW-N6	1	
6mm Flat Washer 16mm OD	4	HW-FW6L	3	
Rubber Vibration Mount 6mm 1/2" Tall	4	HW-RM6-50	1	
12mm Rubber Grommet	4	HW-RG12	1	
4mm Allen Bolts 8mm long	4	HW-B4-8	2	

- Before installing any parts of this intake system, please read the instructions thoroughly.
- Verify the contents of this intake kit before disassembling your vehicle.
- DO NOT INSTALL IF ANY PARTS ARE MISSING OR DAMAGED. CONTACT [tech@hpsperformanceproducts.com](mailto:tech@hpsperformanceproducts.com) IMMEDIATELY. WE ARE NOT RESPONSIBLE FOR ANY DAMAGE CAUSED DUE TO IMPROPER INSTALLATION.
- Installation requires moderate mechanical skills. A qualified mechanic is highly recommended.
- Do not attempt to install the intake system while the engine is hot.
- This installation may require removal of coolant lines that may be hot.
- For technical inquiries, please e-mail us at [tech@hpsperformanceproducts.com](mailto:tech@hpsperformanceproducts.com)

## **PLEASE READ CAREFULLY BEFORE INSTALLATION!**

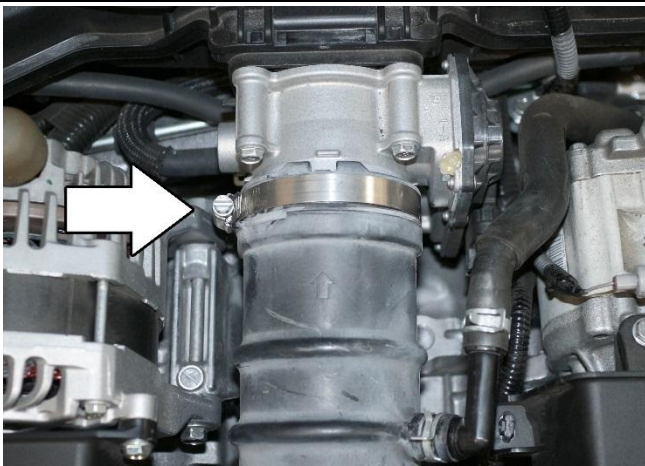
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

***NOTE: HPS holds no responsibility for any engine damage that results from misuse of this product.***

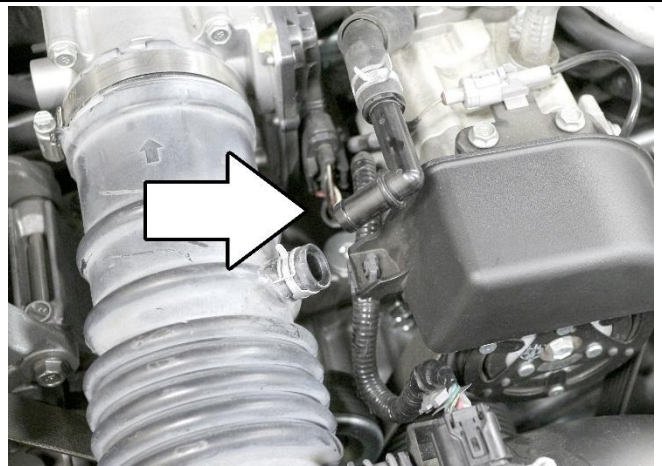
## **GETTING STARTED**

1. Turn the ignition OFF and disconnect the vehicle's negative battery cable. If the engine has run within the past two hours let it cool down.

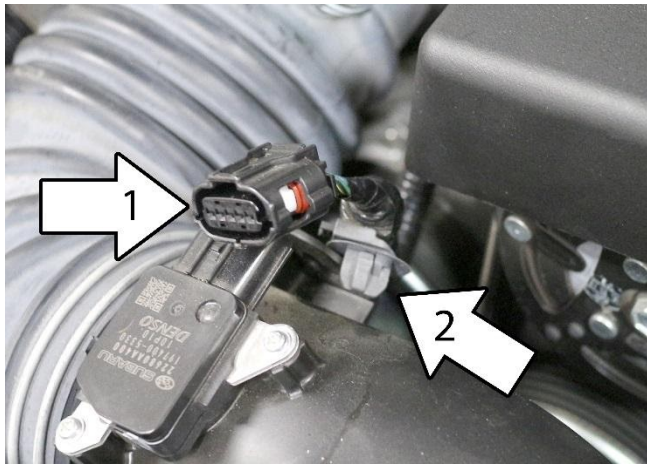
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your vehicles' anti-theft code cannot be recovered, contact an authorized dealership to obtain your vehicle's anti-theft code. We also highly recommend NOT discarding any stock parts after the installation.



2. Loosen the hose clamp on the throttle body.



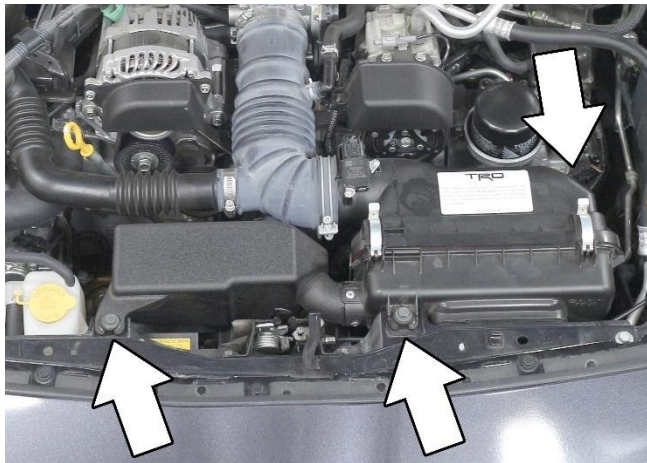
3. Disconnect the plastic breather elbow from the intake hose.



4. Unplug the connector from the MAF sensor (1), then use a pair of pliers to unclip the harness from the air box (2).



5. Disconnect the sound tube from the sound generator by loosening the hose clamp.



6. Remove the air box from the engine bay by removing the 3 bolts as indicated in the image.



7. Install the rubber mount onto the front factory air box mounting location.



8. Install the heat shield as shown, using a 6mm bolt and washer on the lower mounting location. Do not secure the top mounting point at the moment.



9. Install the silicone coupler onto the throttle body with the T-Bolt clamps supplied.



10. Insert the rubber grommet into the intake pipe as shown.



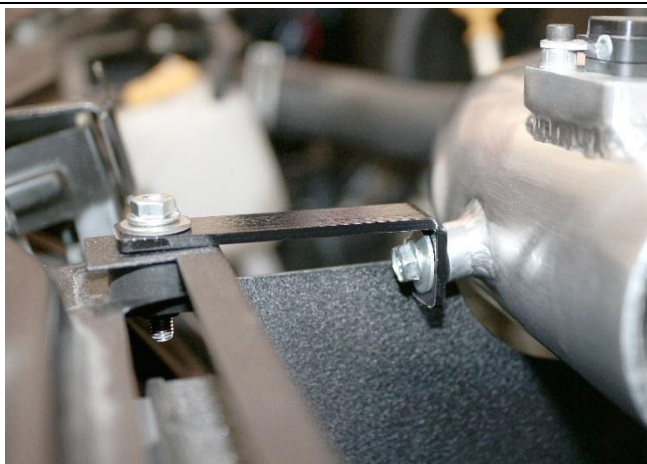
11. Remove the stock MAF sensor and install it on the HPS intake pipe using the 4mm bolts supplied in the hardware pack.



12. Insert the intake pipe into the coupler as shown. Do not tighten the coupler at this time.



13. Insert the breather elbow into the rubber grommet. Use soapy water to lubricate the elbow to ease installation.



14. Install the intake bracket as shown using a 6mm nut and washer to secure to the heat shield and a 6mm bolt and washer to secure it to the intake pipe.



15. Install the air filter onto the intake pipe. Reconnect the MAF sensor harness.

## Final Steps

Once the intake has been positioned, tighten all of the clamps and secure all of the parts.

Upon completion of the installation, reconnect the negative battery terminal before you start the engine. Double check to make sure everything is tight and properly positioned before starting the vehicle.

Start the engine. Let the car idle for 3 minutes. Perform a final inspection before driving. Listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that may be causing leaks or rattles and correct the problem.

Periodically, recheck the alignment of the intake system and make sure there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.



**HPS Silicone Radiator + Heater Hose Kit (Black/Blue/Red) with Stainless Steel Clamps**

**is now available for 2012-2016 Scion FR-S / Subaru BRZ**

**Part Number: 57-1336**

