



# **Performance Shortram Air Intake Kit**

## **Part Number: 827-607**

**2010-2015 Chevrolet Camaro SS 6.2L**

## **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: 827-607

Description	Prep	Part Number	Qty	Check
Air Intake Pipe	1	529-362	1	
Heat-Shield	2	531-365	1	
Heat-Shield Bracket #1	3	530-363	1	
Heat-Shield Bracket #2	3	530-364	1	
HPS Air Filter	4	HPS-4301	1	
T-Bolt Clamp for 4.00" Hose	5	SSTC-108-116	2	
Clamp for 8mm EPDM Hose	5	FIC-14	2	
4.00" Coupler x 3" Long	5	P3SC-400-L3-BLK	1	
M4 bolts	5	HW-B4-8	2	
M6 Bolt x 12mm Long	5	HW-B6-12	1	
M6 Bolt x 16mm Long	5	HW-B6-16	1	
M6 Bolt x 20mm Long	5	HW-B6-20	1	
M6 Flange Nut	5	HW-N6	3	
M6 Flat Washer x 16mm OD	5	HW-FW6L	6	
M6 x 13mm OD, 6mm Thick Spacer	5	94669A165	1	
8mm EPDM Hose, 28" Long	5	EPDM-032	1	
Edge Trim with Bulb x 66" Long	5	Edge Trim With Bulb	1	
Thin Edge Trim x 15" Long	5	Thin Edge Trim	1	
M6 Grommet Mount	5	HSM-M6-1028	1	

- 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 system with EXTREME caution! Misuse of this product can destroy your engine! If you are not well versed in the installation of intakes and if you are not mechanically inclined, please have a tuner shop install this kit.

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

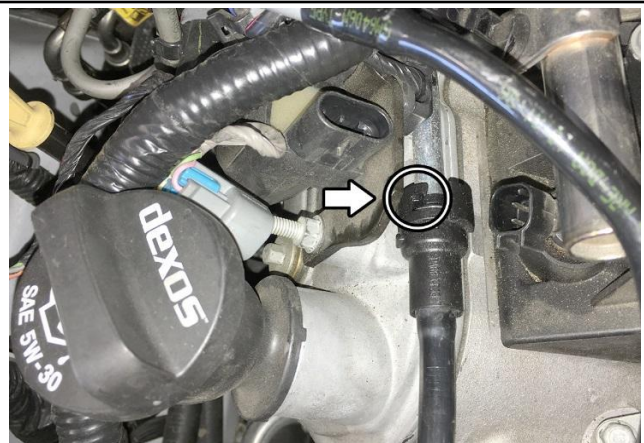
## **GETTING STARTED**

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 vehicles anti-theft code. We also highly recommend NOT discarding any stock parts after the installation.



2. Unscrew the oil cap, then remove the engine cover from the vehicle. Re-install the oil cap at this moment to prevent foreign objects from getting into the engine.

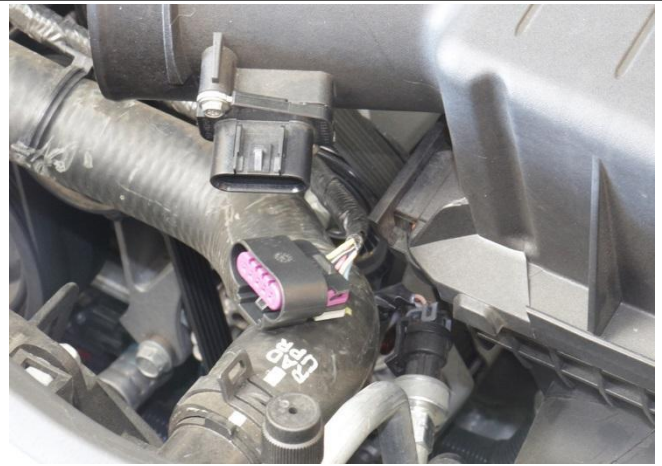


3. Locate the breather hose quick connect fitting located next to the oil fill cap. Slide the locking tab to the right then pull the breather hose forward towards the front of the car.

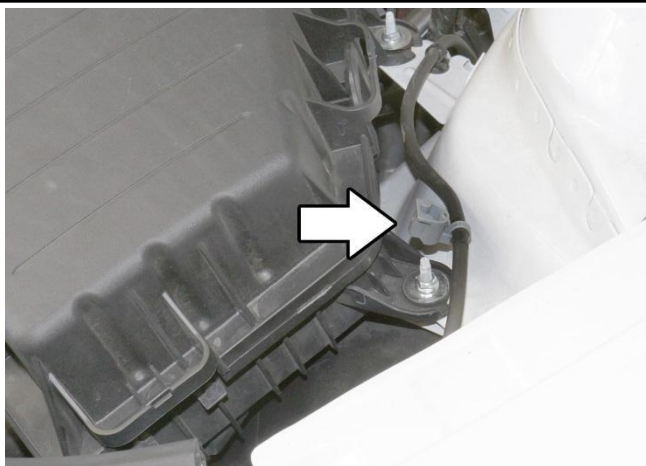
\*some items have been moved out of the way for a better illustration.



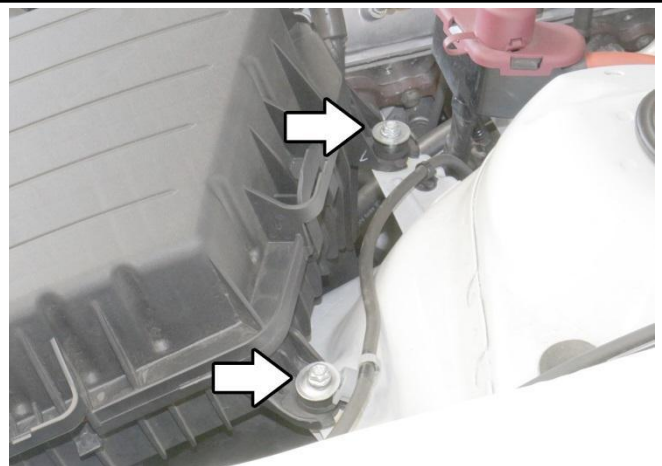
4. Use an 8mm socket to loosen the hose clamps to remove the factory intake tube.



5. Unplug the connector from the MAF sensor.



6. Carefully pull the wire clip off of the stud.



7. Loosen and remove the two nuts holding the air box to the chassis using a 10mm socket.



8. Remove the factory air box from the vehicle.

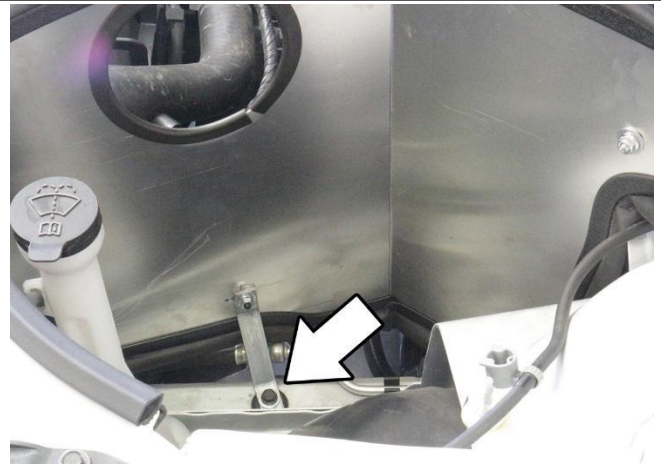


9. Install the thick edge trim along the outside edge of the heat shield and the thin edge trim on the inside hole.

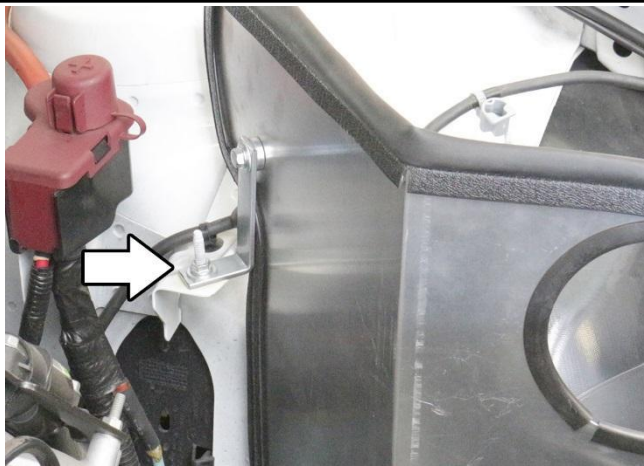




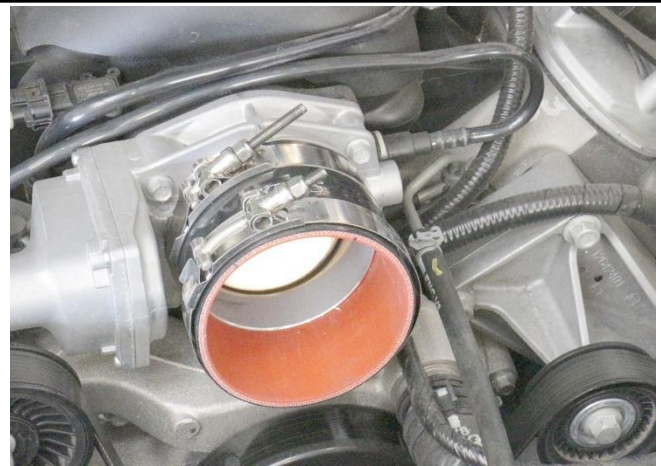
10. Install the grommet mount onto the bracket using a short M6 bolt and washer. Loosely install the bracket onto the heat shield using a medium length M6 bolt, 2 washers and a M6 nut.



11. Install the heat shield onto the rubber grommet along the frame rail.



12. Install the L bracket onto the top heat shield mount. Use the M6 spacer in between the heat shield and the bracket, then use a long M6 bolt, 2 washers, and a M6 nut to secure it together. Fasten the bracket onto the factory stud with a provided washer and re-using the factory nut.



13. Install the silicone coupler onto the throttle body. Secure the coupler to the throttle body using a T-bolt clamp.



14. Remove the MAF sensor from the factory air box using a 7mm socket.



15. Install the MAF sensor onto the HPS intake pipe using the M4 screws provided.





16. Install the intake pipe onto the throttle body. Do not tighten the T-bolt clamp yet as you may need to adjust the position of the pipe.



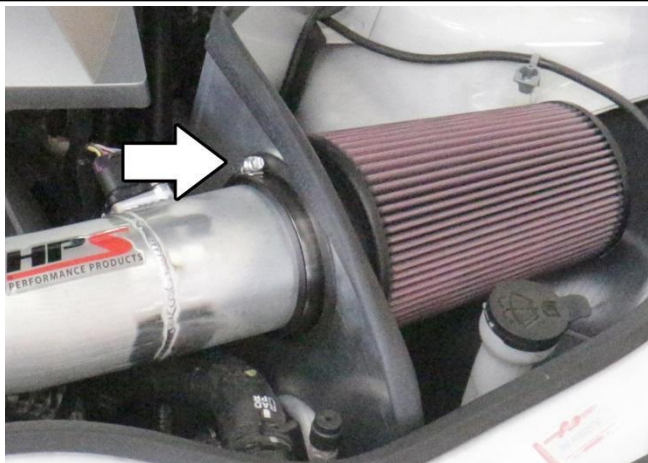
17. Install the provided EPDM hose onto the nipple on the intake pipe and secure it using the FIC clamp provided.



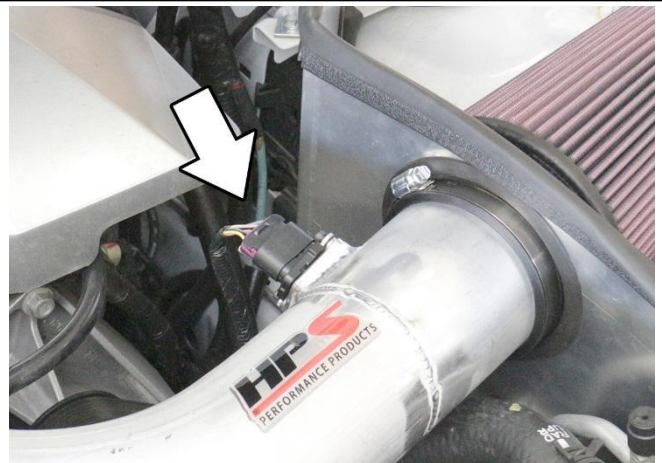
18. Install the opposite end of the EPDM hose onto the factory breather pipe and secure it using the provided FIC clamp.



19. Reinstall the engine cover.



20. Install the new HPS air filter onto the intake pipe. Be sure to place the clamp on the engine side of the heat shield as this will help secure the intake in place.



21. Re-connect the MAF sensor.

**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 vehicle. 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.

