



## **Performance Shortram Air Intake Kit Part Number: 827-603**

**2014-2019 Chevrolet Silverado 1500 5.3L  
2015-2020 Chevrolet Suburban 1500 5.3L  
2015-2020 Chevrolet Tahoe 5.3L  
2014-2019 GMC Sierra 1500 5.3L  
2015-2020 GMC Yukon 5.3L**

## **Installation Instructions**

**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.**

# Bill of Materials

## Kit Number: 827-603

Description	Prep	Part Number	Qty	Check
Upper Air Intake Pipe	1	529-349	1	
Heat Shield	2	531-351	1	
Heat Shield Bracket	2	530-365	1	
HPS Air Filter	3	HPS-4304	1	
T-Bolt Clamp for 3.5" Hose	4	SSTC-95-103	4	
Embossed Clamp for 5/8" Hose	4	EMSC-16-27	4	
3.5" Coupler x 2.5" Long	4	P3SC-350-L25	1	
3.5" Hump Coupler x 3" Long	4	P3HSC-350-L3	1	
5/8" EPDM hose x 30" long	4	EPDM-062	1	
Velocity Stack 3.5" to 6" inlet	4	HW-VS-350-600	1	
6mm Bolt x 12mm long	4	HW-B6-12	3	
6mm bolt x 16mm long	4	HW-B6-16	2	
6mm Flange Nut	4	HW-N6	1	
6mm Flat Washer x 16mm OD	4	HW-FW6L	6	
8mm flat washer x 16mm OD	4	HW-FW8S	2	
8mm Flange Nut	4	HW-N8	2	
4mm Allen Bolts x 8mm long	4	HW-B4-8	2	
Rubber Vibration Mount 8mm x 1" Tall	4	HW-RM8-100	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.**
- **Report any defective or missing parts to HPS directly. The HPS dealer you purchased this product from might not have the replacement parts you need.**
- **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.**

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

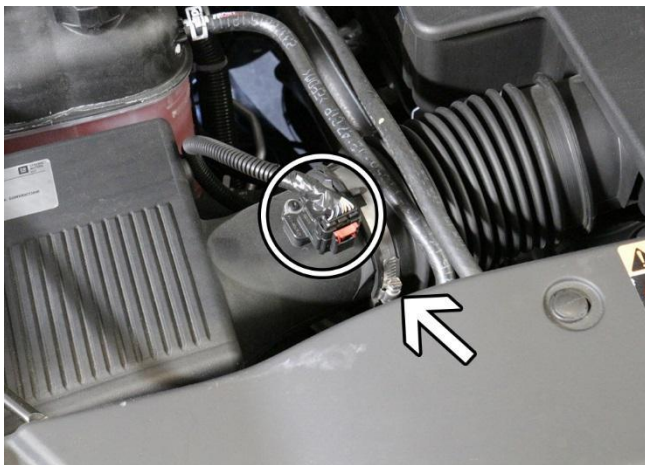
This installation is not for the novice customer. Install this product with **EXTREME** caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

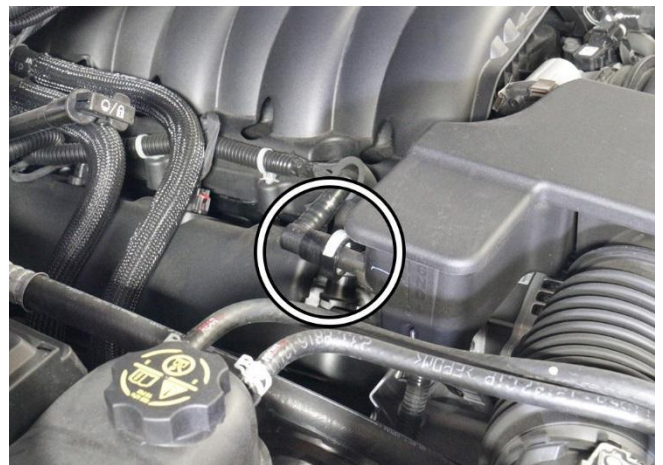
### **GETTING STARTED**

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.



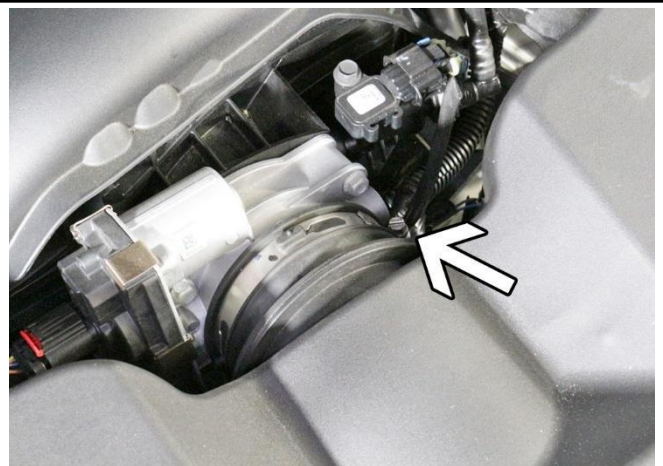
2. Release the red tab on the Mass Air Flow sensor connector and disconnect the connector from the MAF sensor.



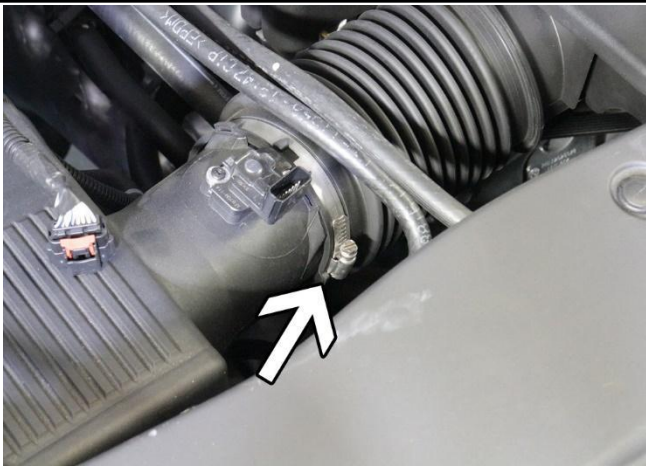
3. Disconnect the breather tube from the stock intake.



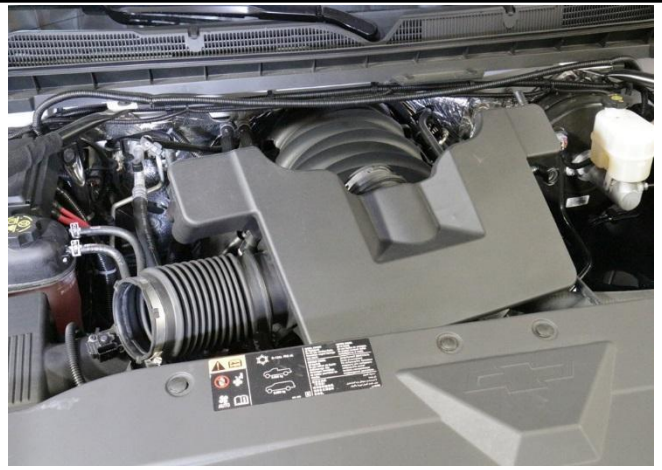
4. Disconnect the breather tube on the other side of the stock intake.



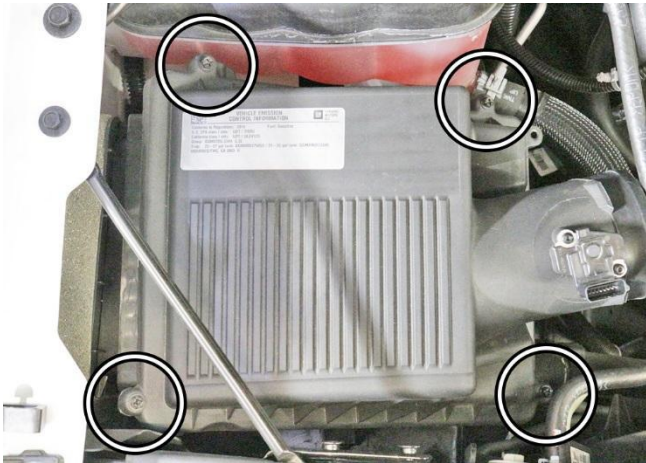
5. Loosen the hose clamp securing the intake from the throttle body.



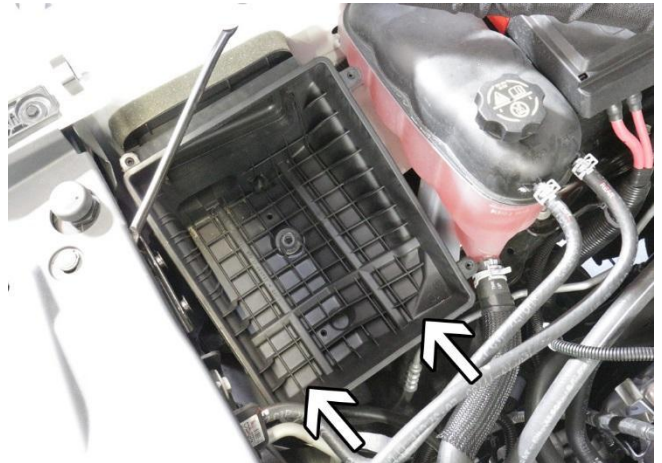
6. Loosen the hose clamp securing the stock intake from the air box.



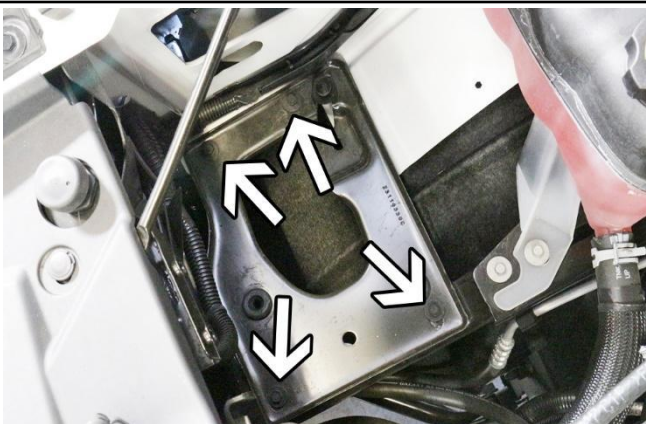
7. Remove the stock intake from the vehicle.



8. Loosen the four bolts securing the top portion of the air box from the lower air box and remove it from the vehicle.



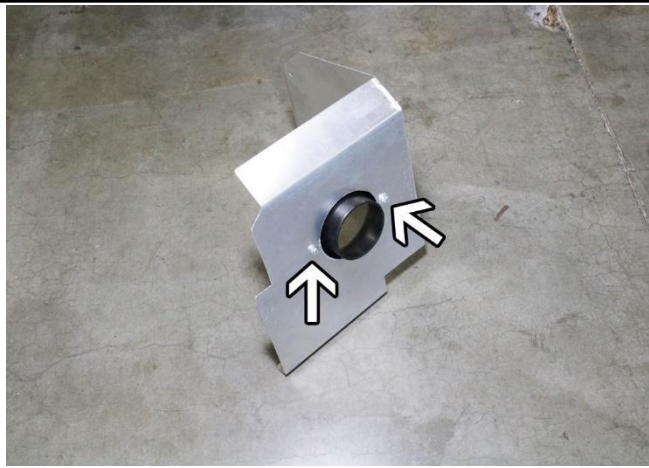
9. Firmly lift the lower portion of the air box from the indicated areas shown to release the bungs from the grommets. Then remove the lower air box assembly from the vehicle.



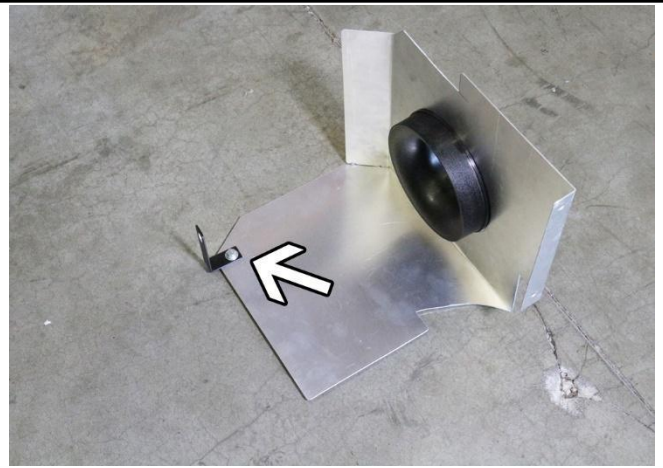
10. Remove the four bolts securing the air box mounting tray and remove the tray from the vehicle.



11. In the indicated area shown install the 8mm vibration mount and secure the mount with an 8mm nut and washer provided in hardware kit.



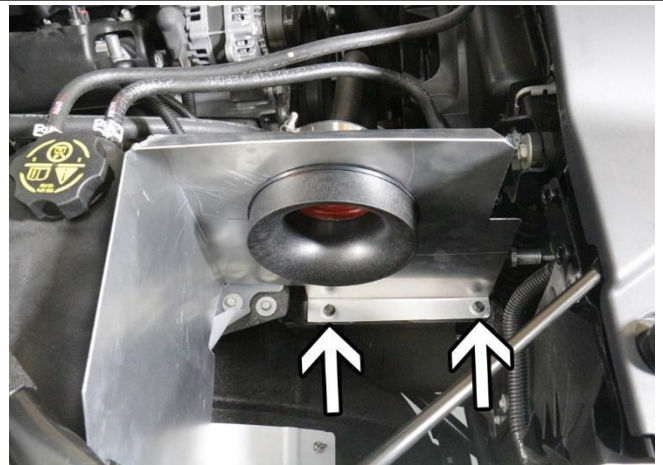
12. Install and secure the velocity stack onto the heat shield using two 6mm x 12mm and washers provided in the hardware kit.



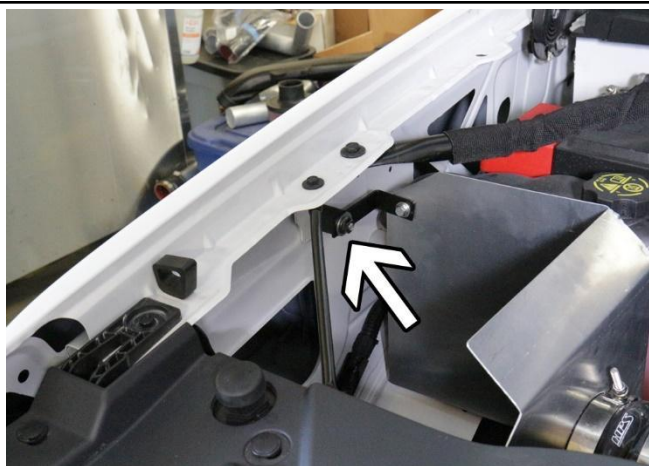
13. Install the provided "L" bracket onto the heatshield using a 6mm x 12mm bolt, nut, and two washers.



14. Install the hump coupler with the provided t-bolt clamps onto the velocity stack.



15. Install the heatshield into the vehicle. Using the stock mounting holes from the air box tray, match the slots from the heat shield and secure the heat shield using two 6mm x 20mm bolts and washers.



16. Secure the heat shield bracket onto the vibration mount.



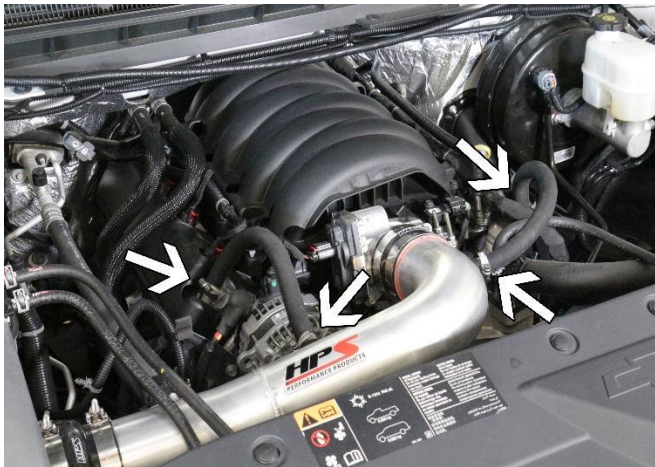
17. Install the coupler onto the throttle body along with the provided T-bolt clamps, then remove the two breather tubes from the vehicle.



18. Remove the Mass Air Flow Sensor from the stock air box and install the sensor onto the HPS intake pipe.



19. Insert the HPS intake pipe into the heatshield first, then into the throttle body coupler.



20. Cut the provided EPDM hose to 14 inches and 16 inches long. Install the hose onto the intake barbs and secure the hose with the provided embossed clamps.



21. Install the provided HPS air filter onto the velocity stack.



22. Re-connect the MAF sensor connector.

### 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 your 2014-2018 Chevrolet Silverado 1500 5.3L!**



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