



Performance Shortram Air Intake Kit Part Number: 827-667

**2009-2013 GMC Sierra 1500 V8 4.8L 5.3L 6.2L
2009-2014 GMC Yukon, Denali 1500 V8 4.8L 5.3L 6.2L
2009-2014 Chevy Tahoe V8 4.8L 5.3L 6.2L
2009-2013 Chevy Silverado 1500 V8 4.8L 5.3L 6.2L
2009-2014 Cadillac Escalade V8 6.2L
2009-2014 Chevy Suburban V8 5.3L
2009-2013 Chevy Avalanche V8 5.3L**

Installation Instructions

For technical inquiries please email us at 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: 827-667

Description	Prep	Part Number	Qty	Check
Air Intake Pipe	1	529-452	1	
Heatshield	2	531-383	1	
HPS Performance Air Filter	3	HPS-4304	1	
Heat shield Bracket	4	530-378	1	
T-Bolt Clamp for 4.25" Hose	5	SSTC-114-122	2	
T-Bolt Clamp for 4.00" Hose	5	SSTC-108-116	1	
T-Bolt Clamp for 4.00" Hose	5	SSTC-102-110	1	
4.00" - 4.25" Reducer x 2.50" Long	5	P3SR-400-425-L25	1	
4.00" Hump Coupler x 3.00" Long	5	P3SHC-400-L3	1	
HW-ASR-400-600	5	HW-VS400-600	1	
Rubber Vibration Mount M6 x 1/2" Tall	5	HW-RM6-50	1	
12mm EPDM Hose x 13 inches	5	EPDM-047	1	
Clamp for EPDM Hose	5	EMSC-12-22	2	
M6 Bolt x 12mm Long	5	HW-B6-12	2	
M6 Flat Washer x 16mm OD	5	HW-FW6L	4	
M6 Flange Nut	5	HW-N6	2	
M8 Flat Washer x 24mm OD	5	HW-FW8L	2	
M8 Bolt x 16mm long	5	HW-B8-16	1	
M8 Flange Nut	5	HW-N8	1	
M4 Allen bolts	5	HW-B4-8	2	
Edge Trim with Bulb x 26 inches	5	BUBBLE EDGE TRIM	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 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

PLEASE READ CAREFULLY BEFORE INSTALLATION!

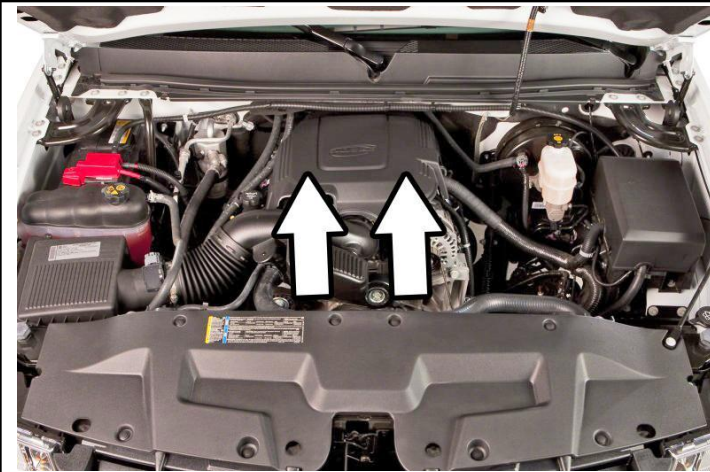
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

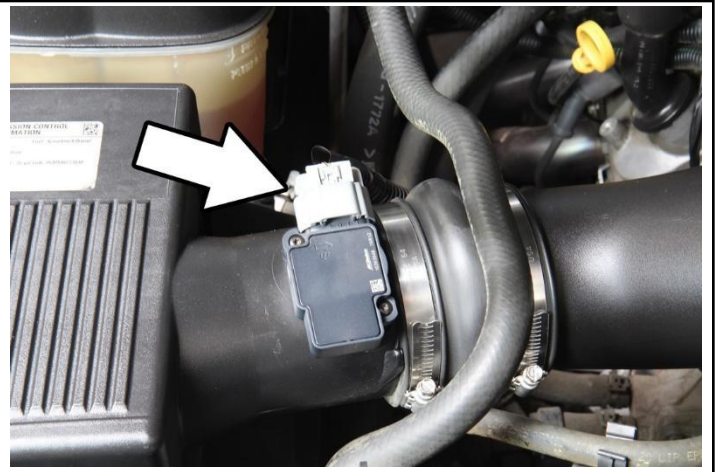
GETTING STARTED

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.

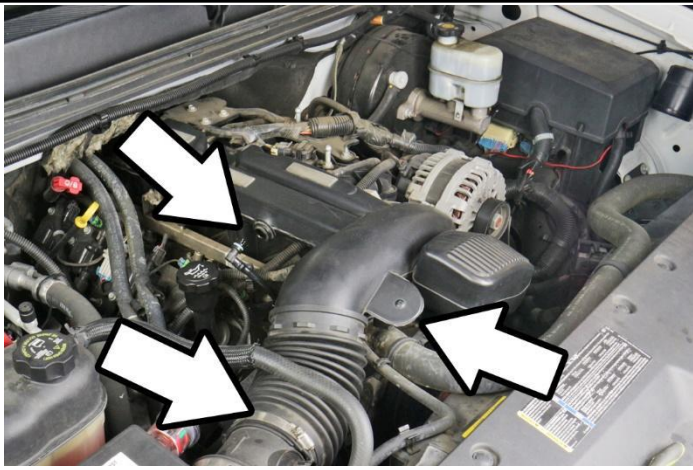
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



2. Lift and remove the engine cover from the vehicle.



3. Disconnect the MAF sensor electrical connector.



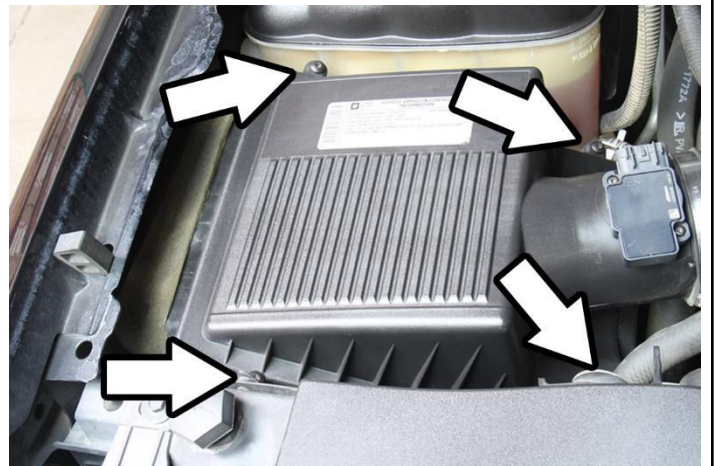
4. Loosen the hose clamp securing the intake hose from the MAF sensor housing. Disconnect the breather line from the stock intake, then unhook the radiator mount from the intake tube.



5. Loosen the hose clamp securing the intake tube from the throttle body and remove the stock intake tube from the vehicle.



6. Rotate the breather line to unclip and remove the air line from the valve cover.



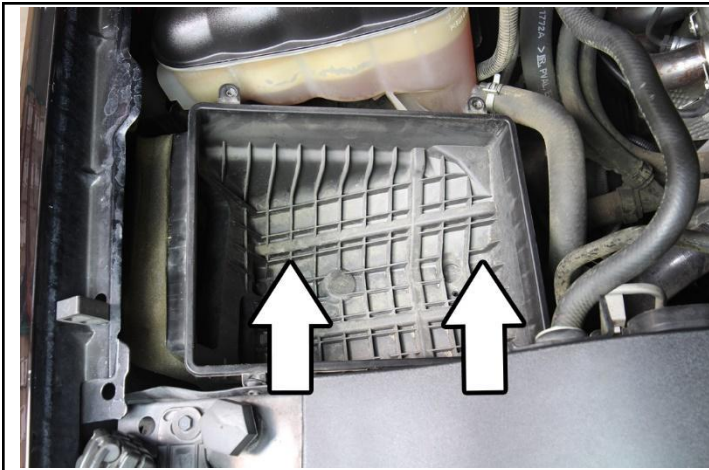
7. Loosen the four bolts securing the upper air box assembly.



8. Remove the upper air box assembly from the vehicle.



9. Remove the air filter from the vehicle.



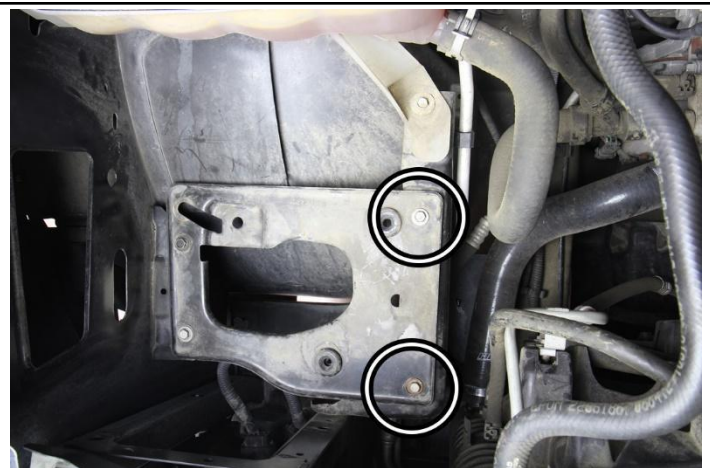
10. Pull up to remove the air box mounts from there grommets.



11. Remove the lower air box assembly from the vehicle.



12. Insert the hump coupler onto the throttle body along with the provided T-bolt clamps.



13. Remove the two 10mm bolts indicated in the image above from the air box mount.



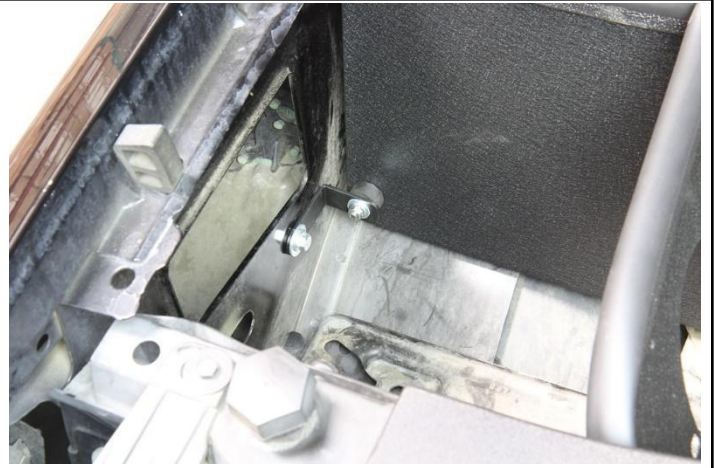
14. Install the bubble edge trim onto the heatshield.



15. Install and secure the provided vibration mount into the slot of the heatshield using a M6 nut and washer.



16. Slide the heatshield underneath the factory air box mount and re-use the bolts that were removed in steps 13 to secure the heatshield.



17. Install and secure the provided "L" bracket onto the heatshield using a M6 nut and washer. Secure the other end of the bracket to the inner fender using the provided M8 bolt, nut, and washers.



18. Install the mass air flow sensor onto the HPS intake pipe using the provided M4 bolts.



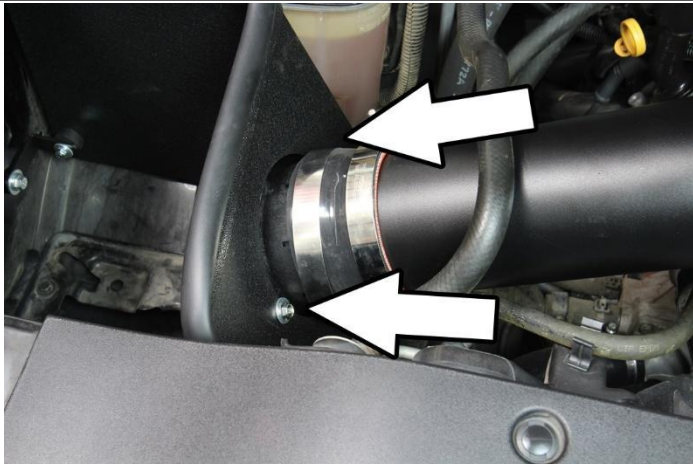
19. Slide on the provided reducer coupler onto the end of the pipe near the MAF sensor, but do not secure any of the clamps yet.



20. Insert the HPS intake pipe into the throttle body coupler.



21. Insert the velocity stack onto the intake pipe and secure the velocity stack to the heatshield using the two M6 x12mm bolts and washers.



22. Slide on the reducer coupler onto the velocity stack and secure the t-bolt clamps.



23. Insert the provided EPDM hose onto the breather barb of the pipe and the valve cover. Secure the hose using the two EMSC clamps.



24. Re-connect the MAF sensor harness connector.



25. Install the HPS Performance air filter.

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.

