



Performance Air Intake Kit

Part Number: 827-603

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

Installation Instructions

For technical inquiries please email us at tech@hpsperformance.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: 827-603

Line #	Description	Part Number	Qty
1	Air Intake Pipe	529-349	1
2	Heat Shield	531-351	1
3	Bracket, Heat Shield	530-365	1
4	HPS Performance Air Filter	HPS-4304	1
5	T-Bolt Clamp, 95mm - 103mm	SSTC-95-103	4
6	Embossed Hose Clamp, 16mm - 27mm	EMSC-16-27	4
7	Straight Coupler, 3-1/2", 2-1/2" Long	P3SC-350-L25	1
8	Hump Coupler, 3-1/2", 3" Long	P3HSC-350-L3	1
9	EPDM Hose, 5/8" ID	EPDM-062	30 inches
10	Velocity Stack, 3-1/2" - 6" OD	HW-VS-350-600	1
11	Bolt, M6 x 1.0, 12mm Long	HW-B6-12	3
12	Bolt, M6 x 1.0, 16mm Long	HW-B6-16	2
13	Flange Nut, M6	HW-N6	1
14	Flat Washer, M6, 16mm OD	HW-FW6L	6
15	Flat Washer, M8, 16mm OD	HW-FW8S	2
16	Flange Nut, M8	HW-N8	2
17	Bolt, M4 x 0.7, 8mm Long	HW-B4-8	2
18	Rubber Vibration Mount, M8, 1" Tall	HW-RM8-100	1

- Before installing any parts of this intake kit, 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 kit while the engine is hot.
- This installation may require removal of coolant lines that may be hot.
- For technical inquiries, please email us at tech@hpsperformance.com

PLEASE READ CAREFULLY BEFORE INSTALLATION!

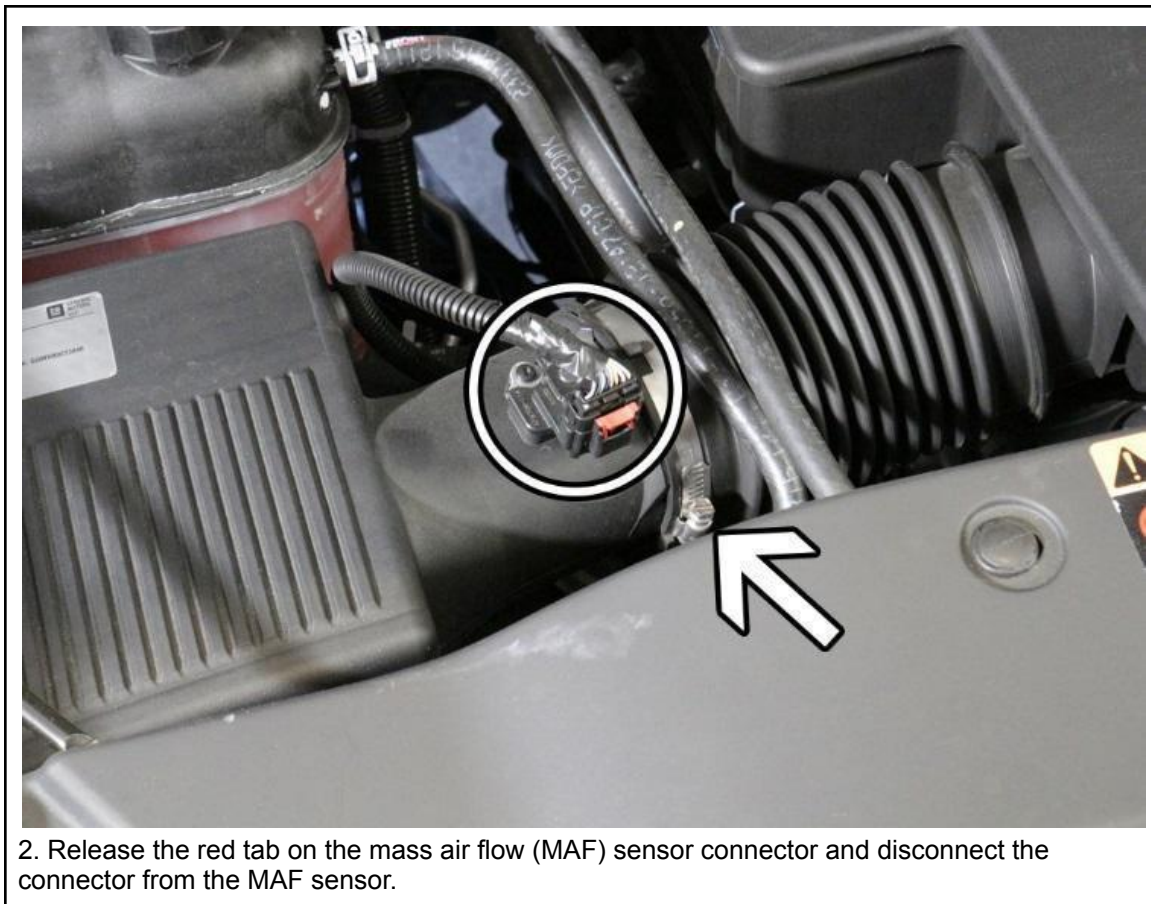
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

GETTING STARTED

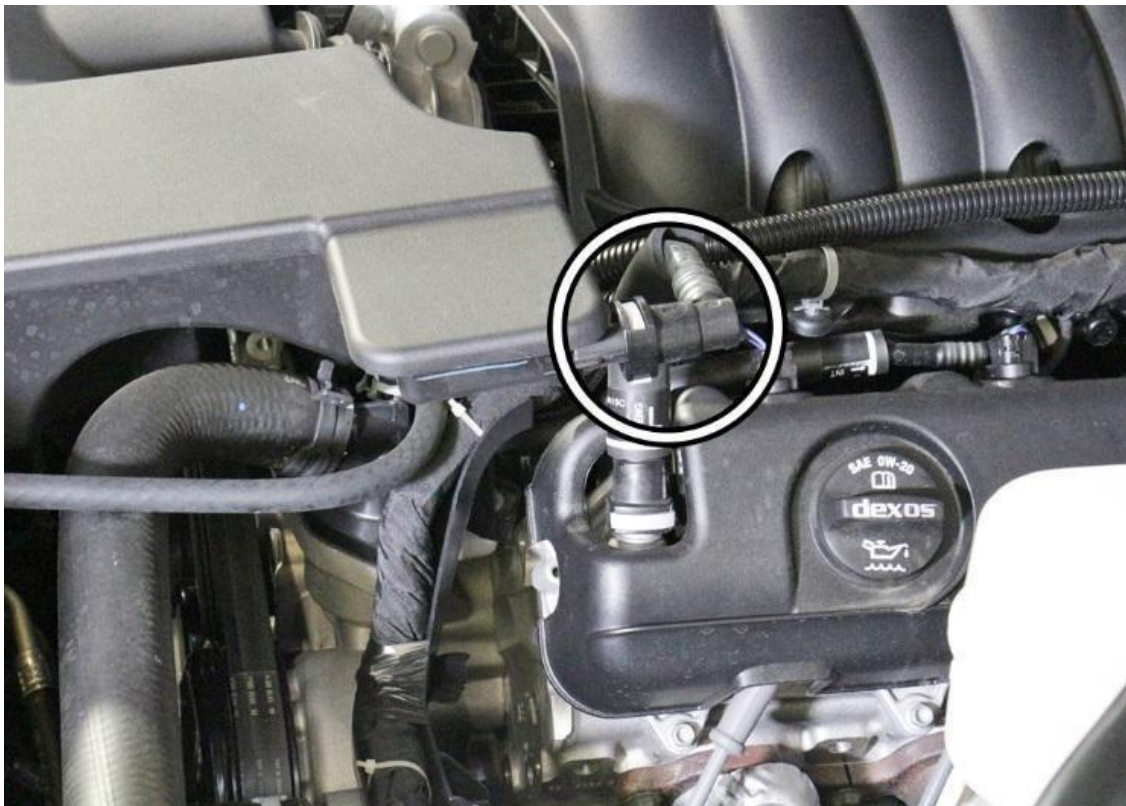
1. Turn the ignition OFF and disconnect the vehicle's negative battery cable. If the engine has run within the past two hours, let it cool down.

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 vehicle's 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.

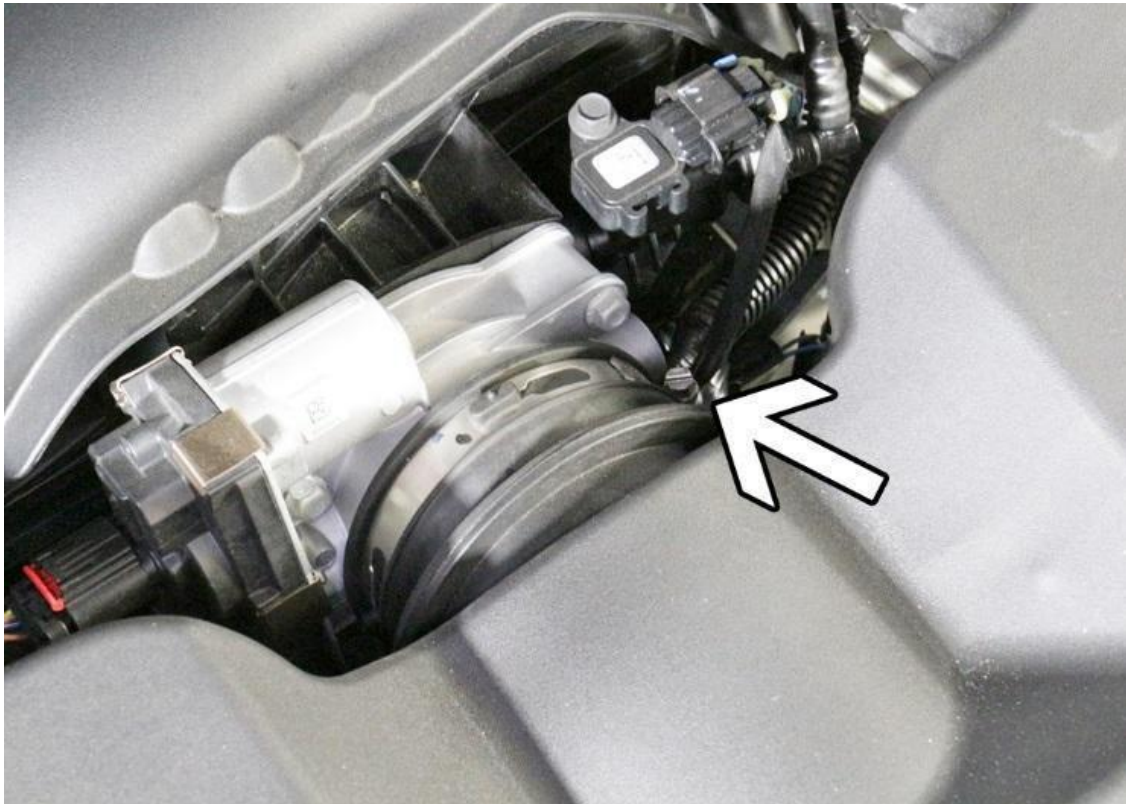




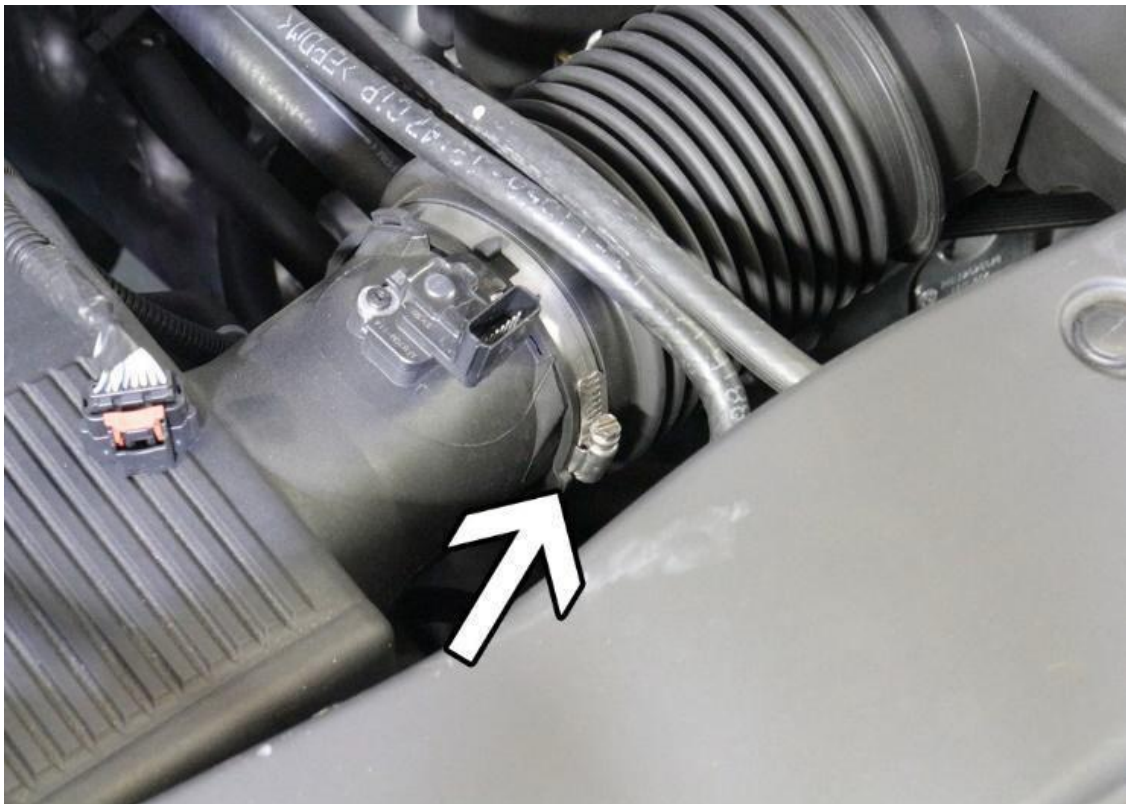
3. Disconnect the breather tube from the stock intake.



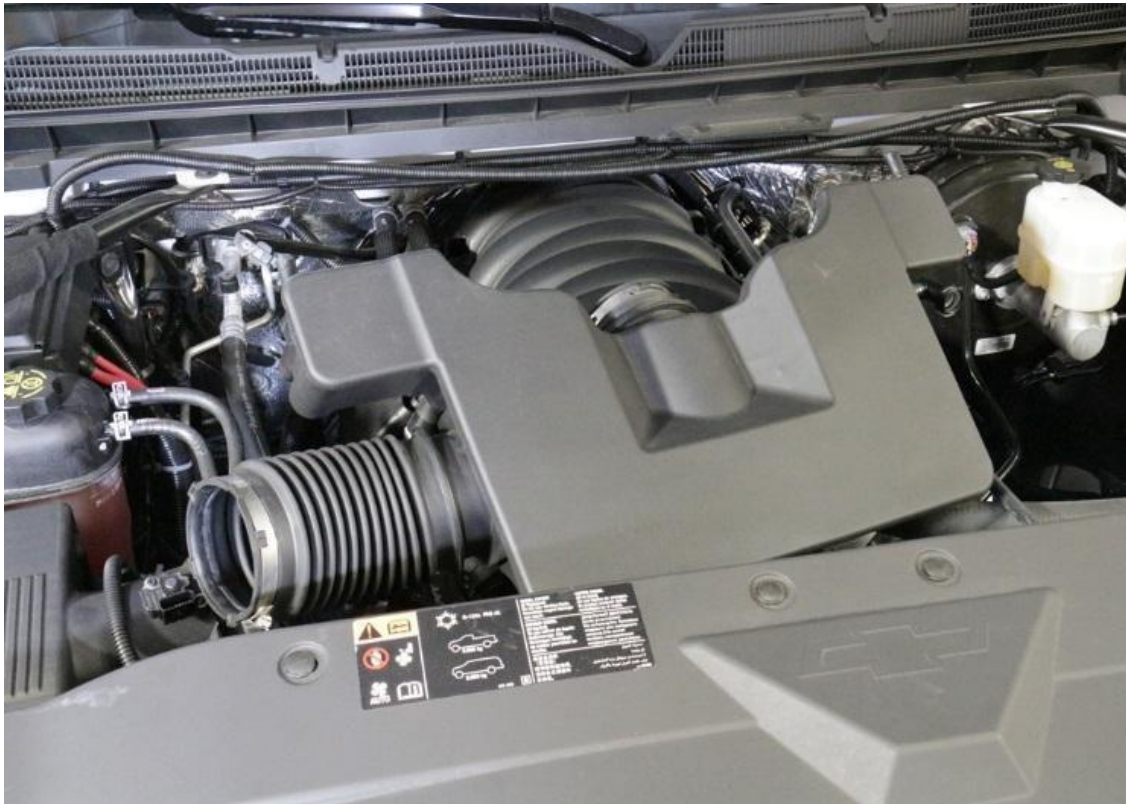
4. Disconnect the breather tube on the other side of the stock intake.



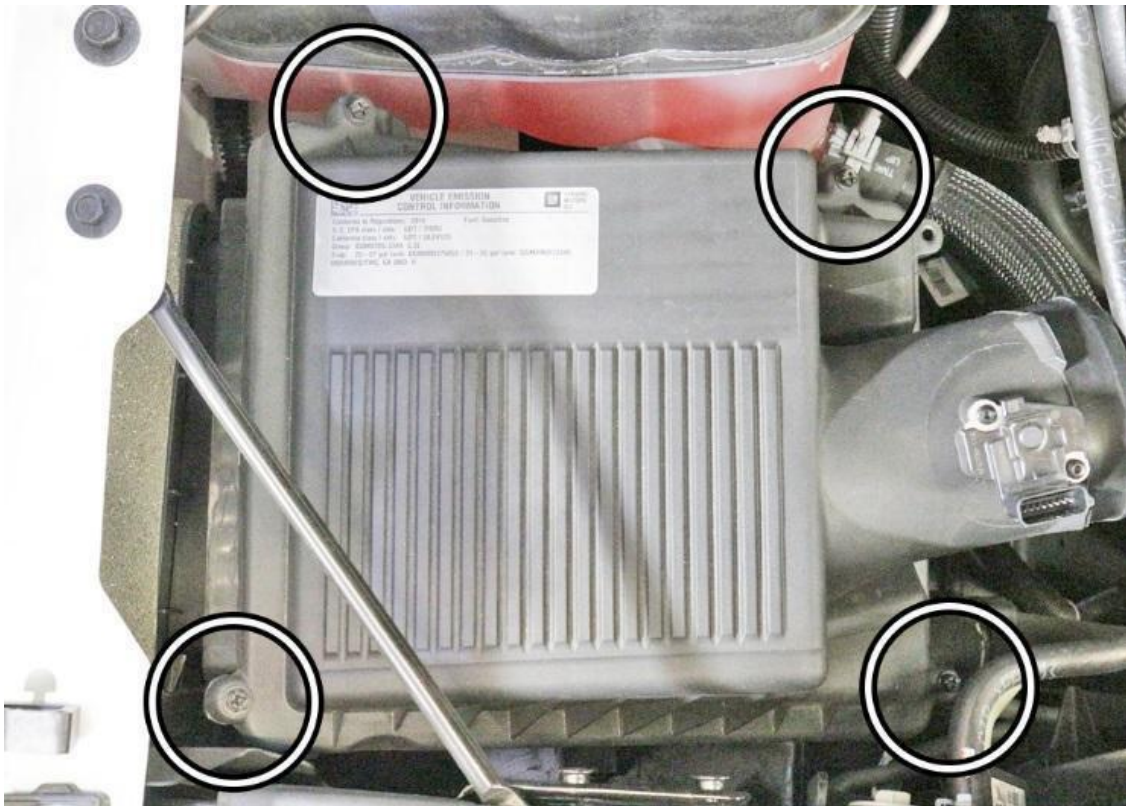
5. Loosen the hose clamp securing the intake from the throttle body.



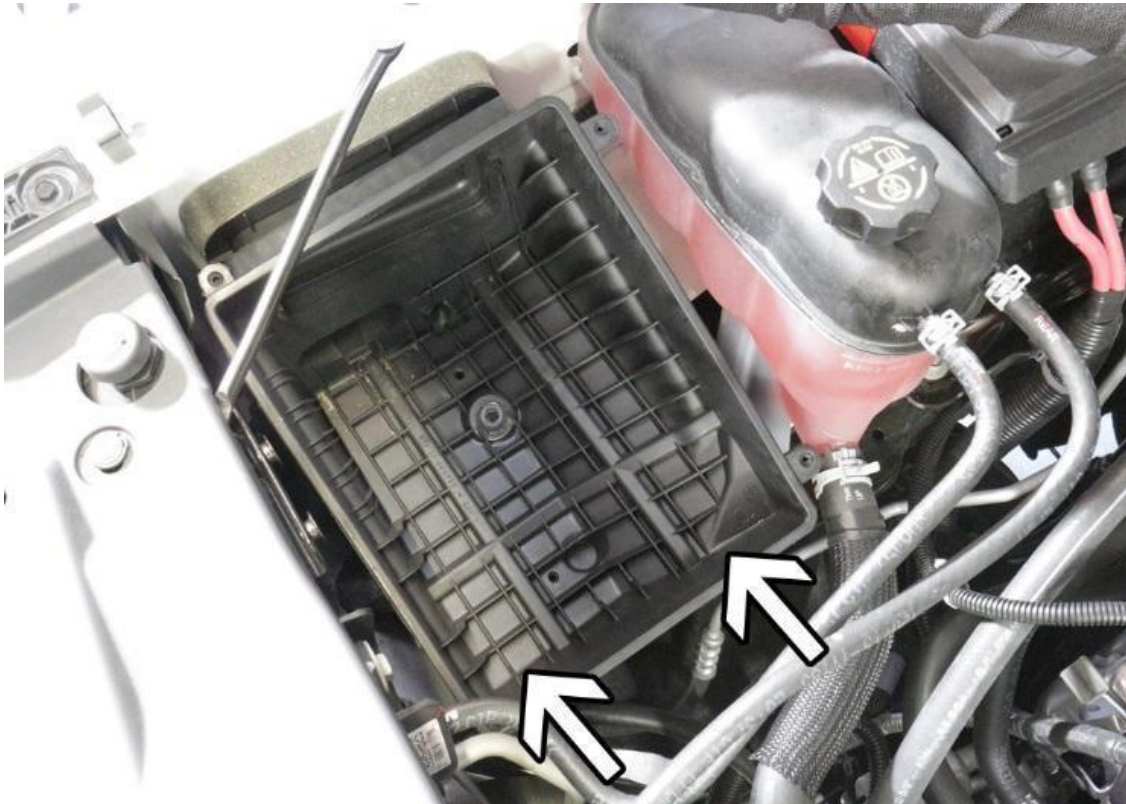
6. Loosen the hose clamp securing the stock intake from the air box.



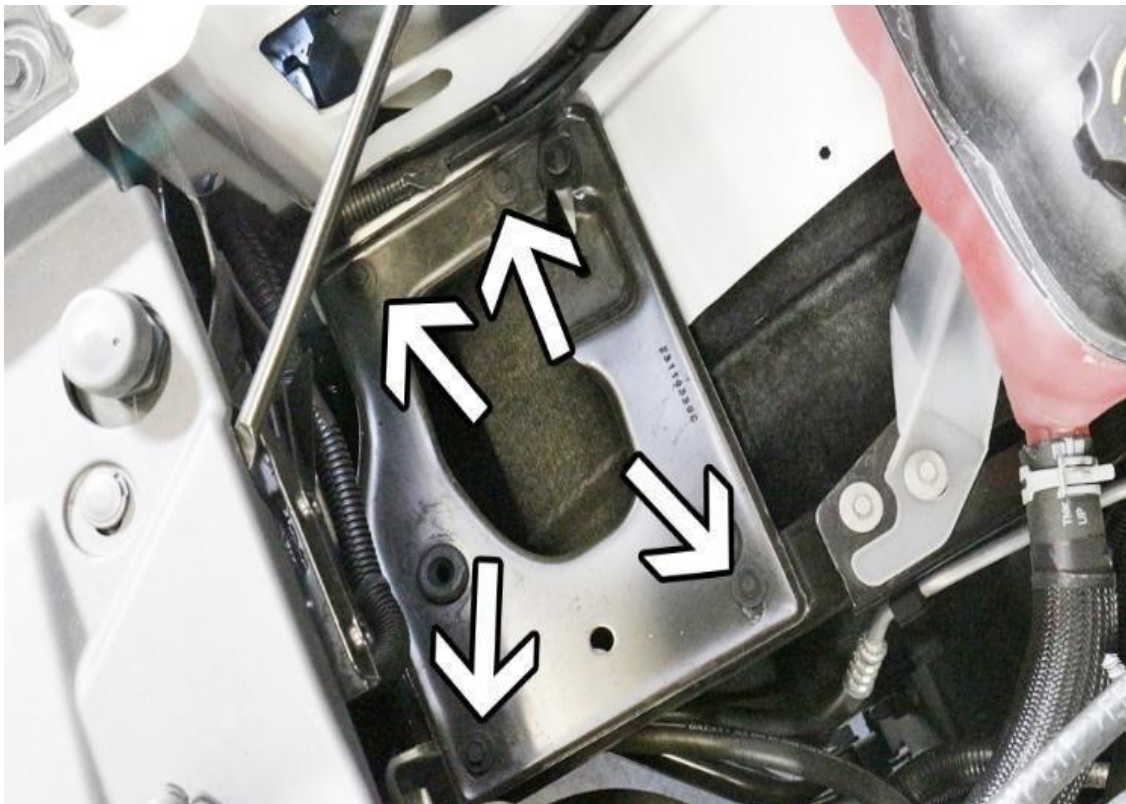
7. Remove the stock intake from the vehicle.



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



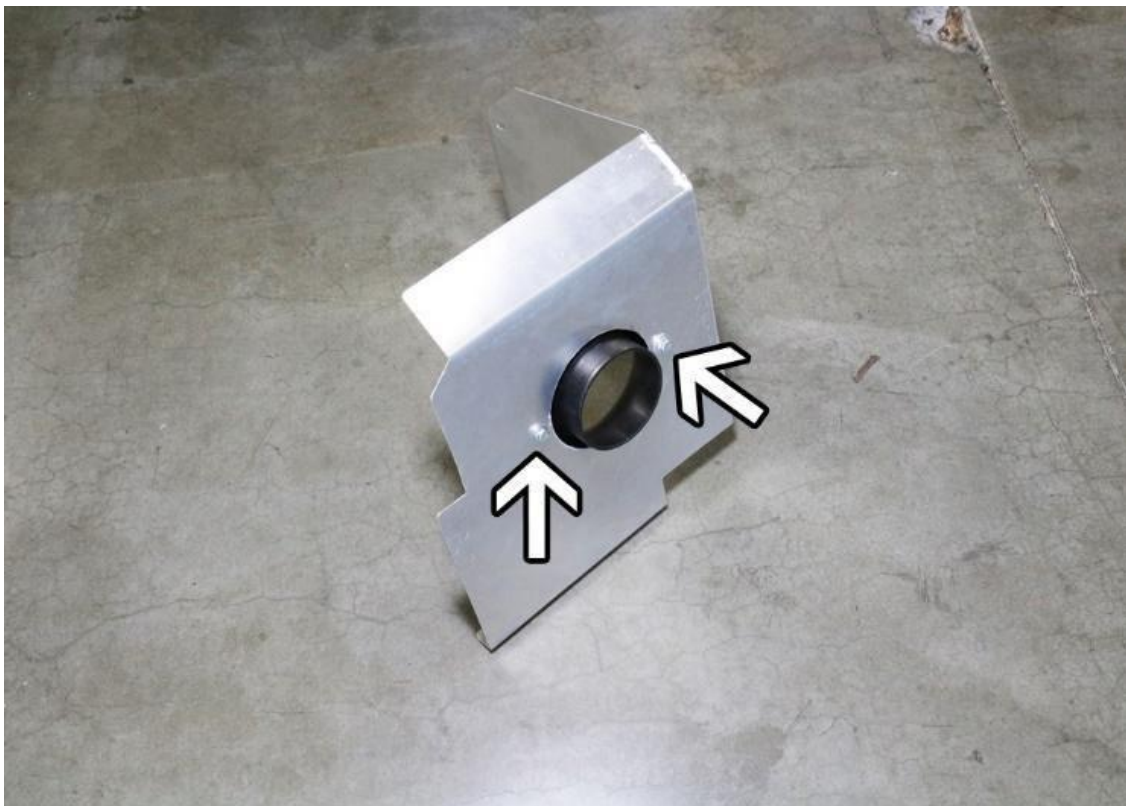
9. Firmly lift the lower portion of the air box from the indicated areas shown to release the bungs from the grommets. Then remove the lower air box assembly from the vehicle.



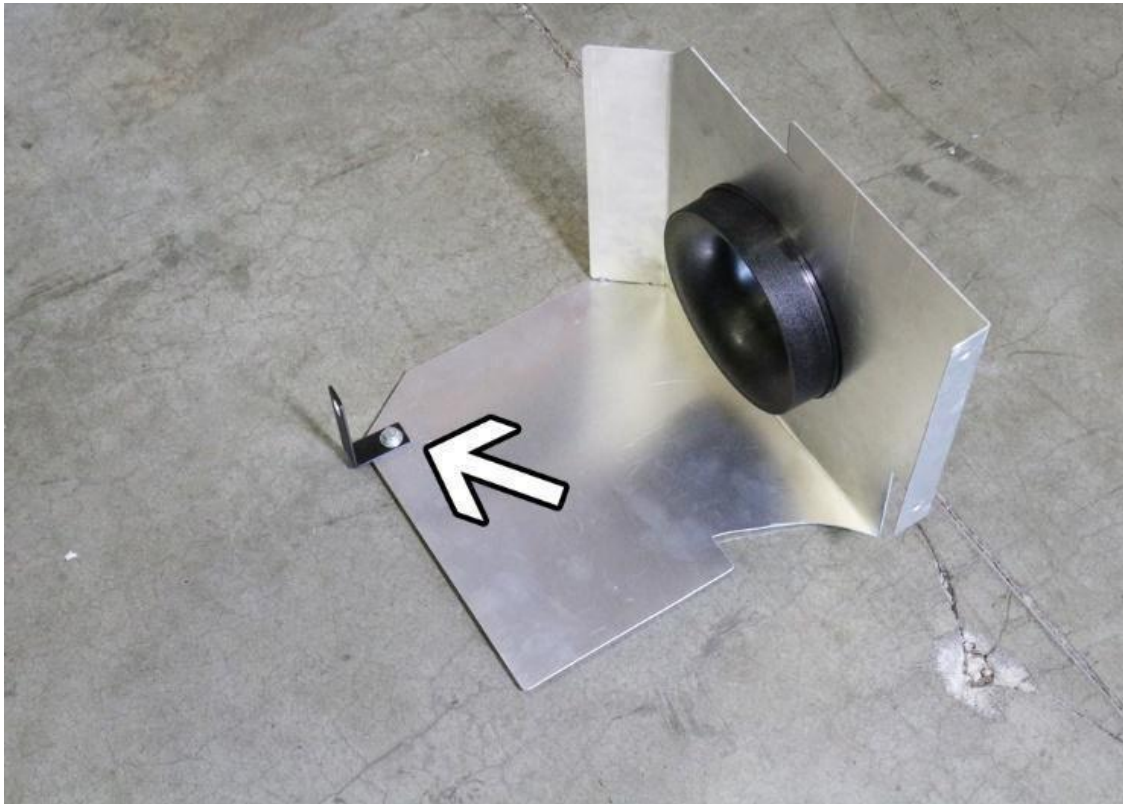
10. Remove the four bolts securing the air box mounting tray and remove the tray from the vehicle.



11. Install the M8 rubber vibration mount as shown and secure the mount with the provided M8 nut and washer.



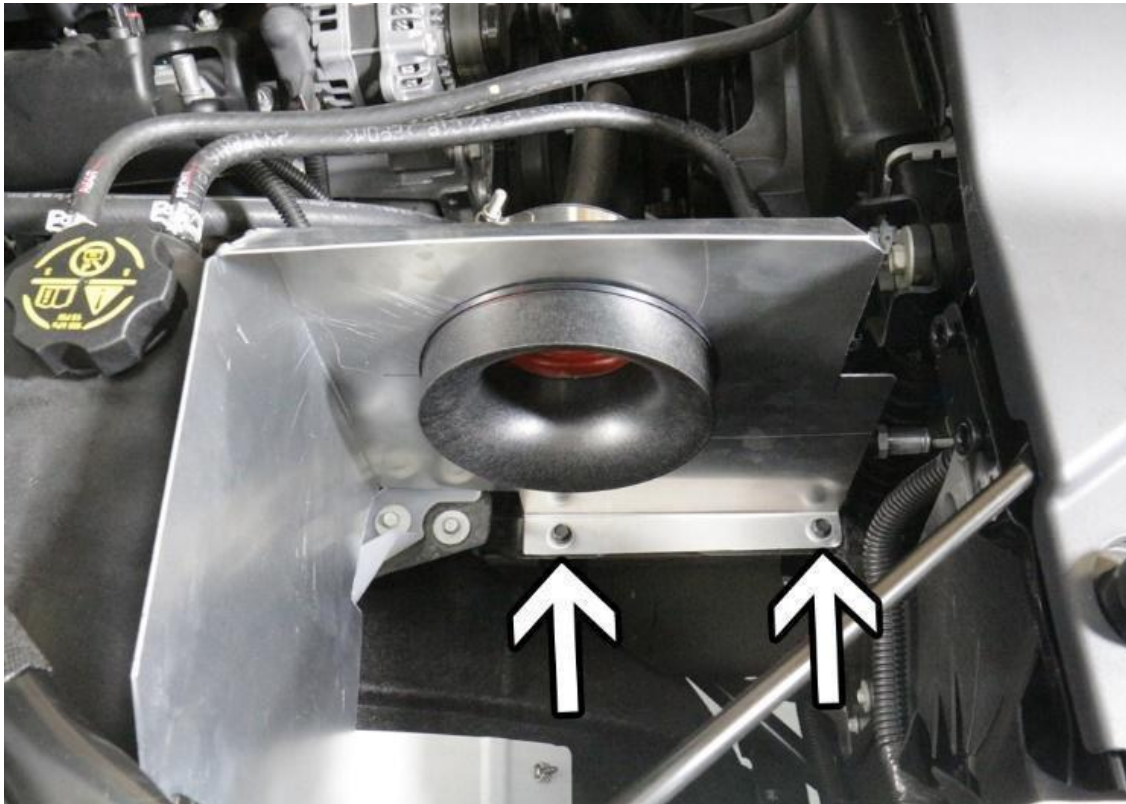
12. Secure the velocity stack onto the heat shield using two M6, 12mm long bolts and washers provided in the hardware kit.



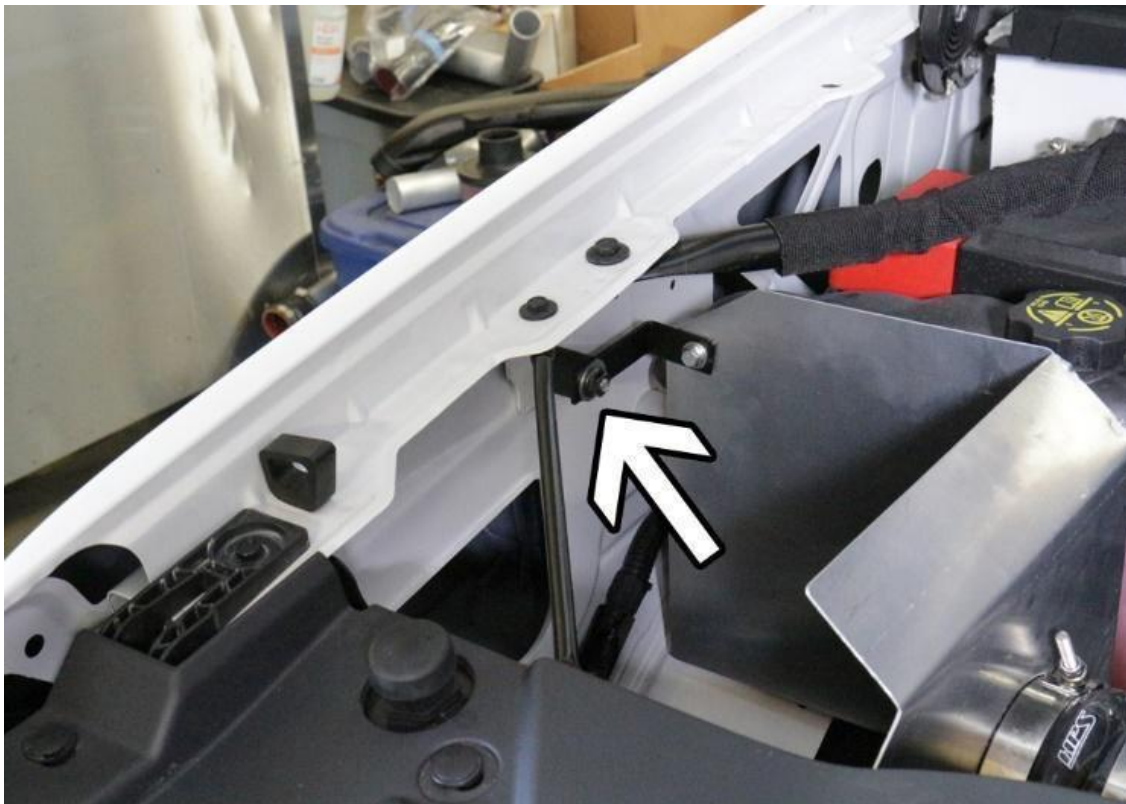
13. Install the provided "L" bracket onto the heat shield using an M6, 12mm long bolt, nut, and two washers.



14. Install the hump coupler onto the velocity stack using the provided T-bolt clamps.



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 M6, 20mm long bolts and washers.



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



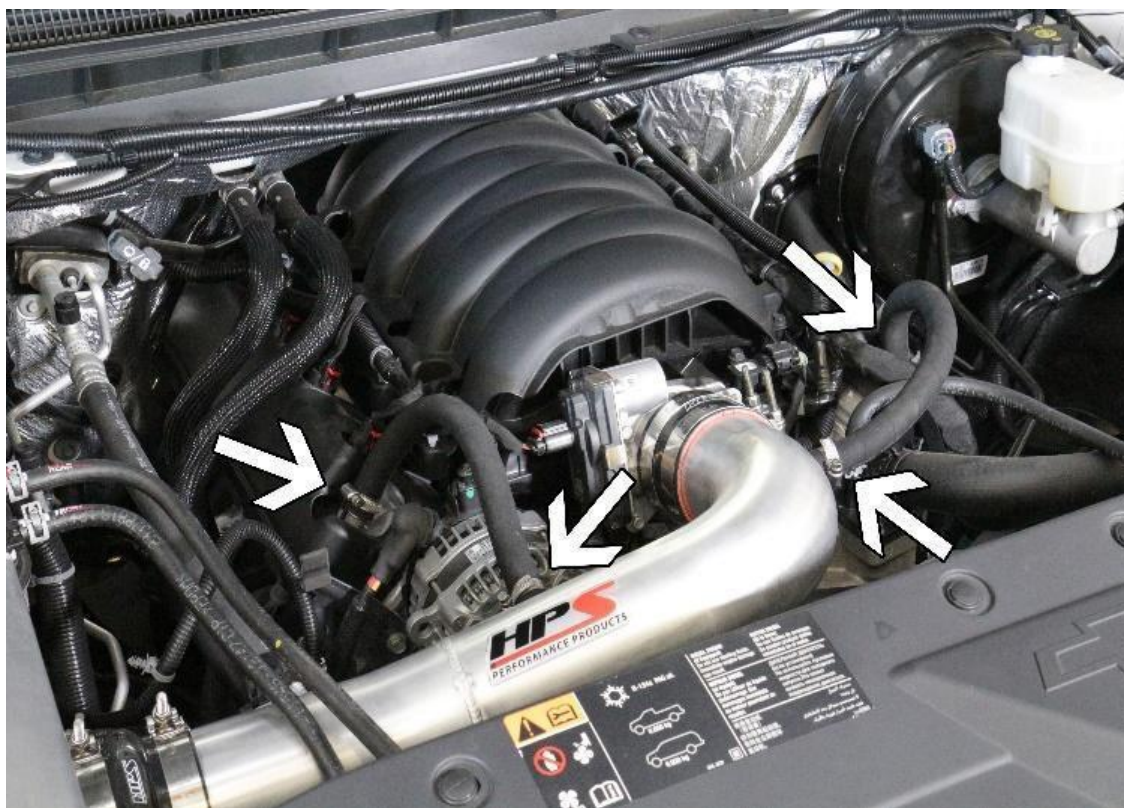
17. Secure the coupler onto the throttle body using the provided T-bolt clamps. Then remove the two breather tubes from the vehicle.



18. Remove the MAF sensor from the stock air box and install the sensor onto the HPS intake pipe using the two provided M4 bolts.



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



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



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



22. Reconnect 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.

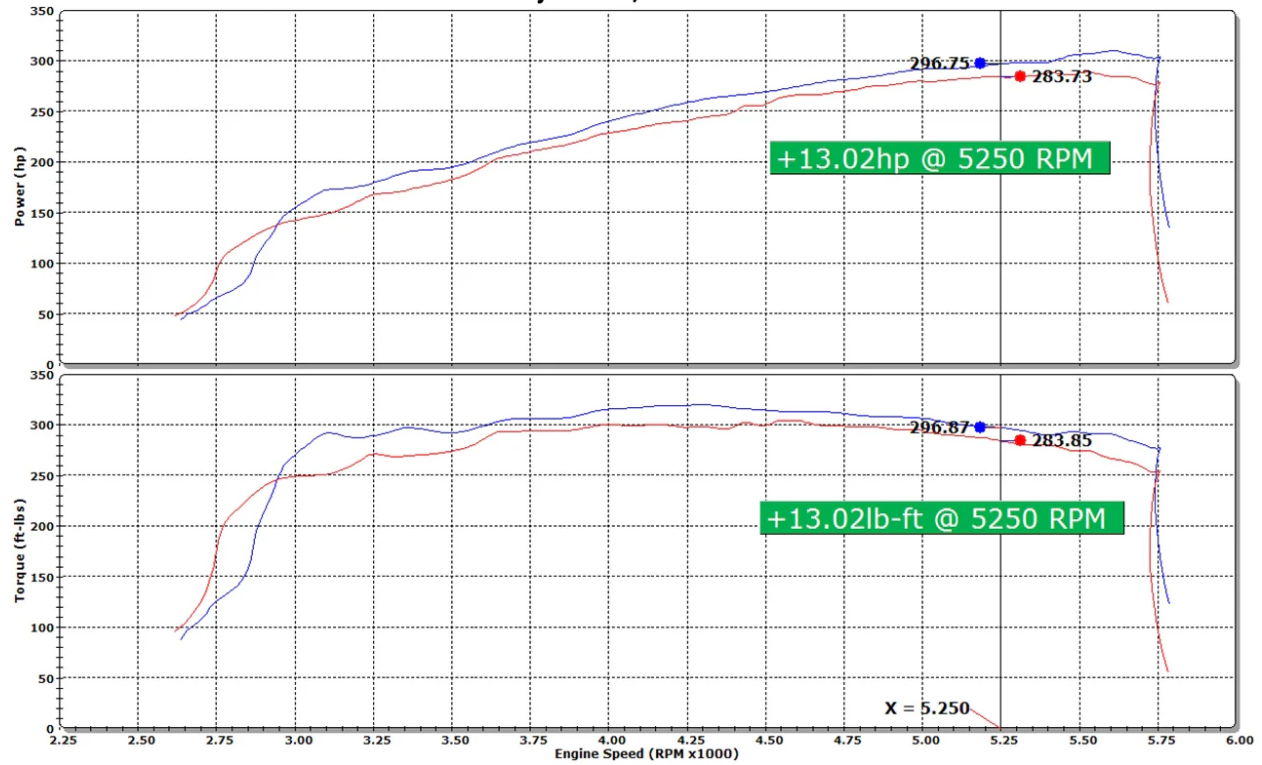
Start the engine. Let the car idle for 3 minutes. Perform a final inspection before driving. Listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that may be causing leaks or rattles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

Periodically, recheck the alignment of the intake kit 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 Performance Air Intake with Heat Shield | Part # 827-603
2014-2018 GMC Sierra 1500, Chevy Silverado 1500 5.3L V8
2015-2018 Chevy Tahoe, Suburban 1500 5.3L V8

CF: SAE Smoothing: 5



Also available for:

Chevrolet 2014-2019 Silverado 1500 5.3L

Chevrolet 2015-2020 Suburban 1500 5.3L

Chevrolet 2015-2020 Tahoe 5.3L

GMC 2014-2019 Sierra 1500 5.3L

GMC 2015-2020 Yukon 5.3L



HPS Performance Replacement Air Filter

For Intake Kit 827-603

Part Number [HPS-4304](#)



HPS Silicone Radiator Hose Kit

Part Number [57-1594R](#)



HPS Magnetic Oil Drain Plug

Part Number [MDP-M12x175](#)



HPS Performance Air Filter Cleaning Kit
Part Number [HPS-AFRC](#)

**Contact an authorized HPS Performance dealer or
visit us at hpsperformance.com for more details**



Torque Specifications

Item	Recommended Torque
Constant Tension Clamp	33 in-lb
Embossed Clamp	27 in-lb
Fuel Injection Clamp	15 in-lb
Spring Loaded T-Bolt Clamp	33 in-lb
Stainless Steel T-Bolt Clamp	33 in-lb
V-Band Clamp	60 in-lb
M4 Bolt	24 in-lb
M5 Bolt	55 in-lb
M6 Bolt	84 in-lb
M8 Bolt	184 in-lb

Please follow the recommended torque specifications.
Exceeding the specified torque may result in damage
and failure of the part.