Performance Air Intake Kit

Part Number: 827-674

2017-2019 Chevrolet Silverado 2500HD 6.6L Duramax
2017-2019 Chevrolet Silverado 3500HD 6.6L Duramax
2017-2019 GMC Sierra 2500HD 6.6L Duramax
2017-2019 GMC Sierra 3500HD 6.6L Duramax

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.

Last revision 01232023

Bill of Materials

Kit Number: 827-674

Line	Description	Part Number	Qty
1	Air Intake Pipe	529-563	1
2	HPS Performance Air Filter	HPS-4303	1
3	Heat Shield	531-564	1
4	Heat Shield Lid	531-565	1
5	4.00” – 4.25” Reducer Coupler x 2.50” Long	P3SR-400-425-L250	1
6	4.00” Hump Coupler x 3.00” Long	P3SHC-400-BLK	1
7	T-bolt clamp for 4.00"	SSTC-108-116	**3**
8	T-bolt clamp for 4.25"	SSTC-114-122	1
9	Thin Edge Trim x 20 Inches	Thin edge trim	1
10	4.00" - 6.00" Velocity stack	HW-VS-400-600	1
11	M6 bolt x 12mm	HW-B6-12	**5**
12	M4 Allen Bolts x 8mm Long	HW-B4-8	**2**
13	M5 Bolt x 12mm Long	HW-B5-12	**4**
14	M6 Flat Washer x 16mm OD	HW-FW6L	**5**
15	Rubber Vibration Mount M6 x1" Tall Male to Female	HW-RM6-100-MF	1
16	M6 Heat-shield Mount Bung to Rubber Grommet	HSM-M6-1028	**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.**
- **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.**
- **For technical inquiries, please e-mail us at tech@hpsperformanceproducts.com**

PLEASE READ CAREFULLY BEFORE INSTALLATION!

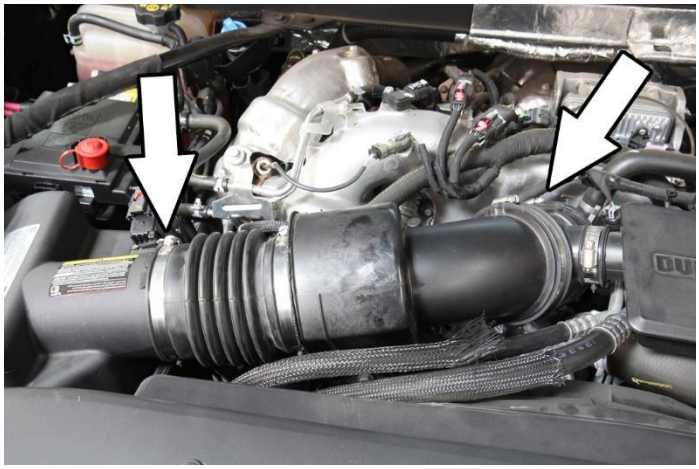
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

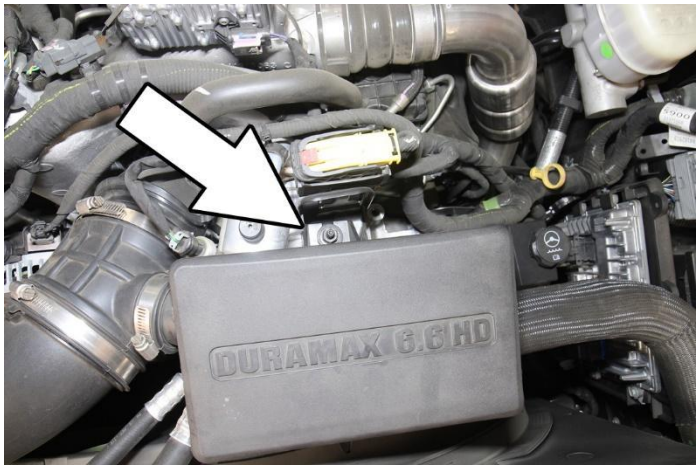
GETTING STARTED

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.

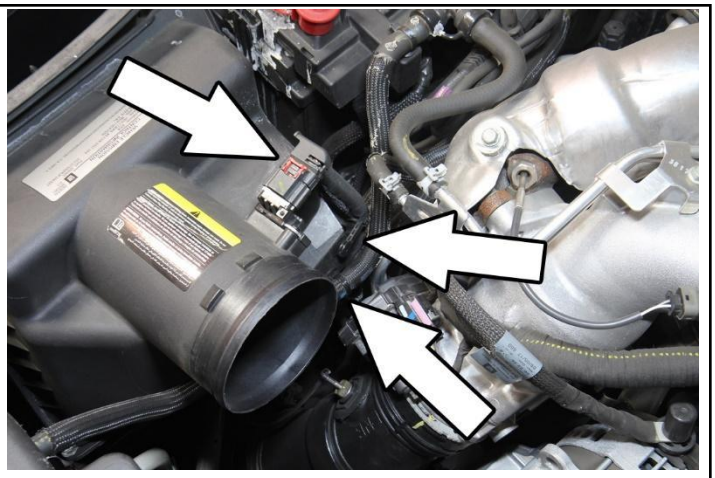


2. Loosen the hose clamps securing the intake tube from the turbo inlet and the air box.



3. Remove the 13mm nut securing the intake tube resonator.

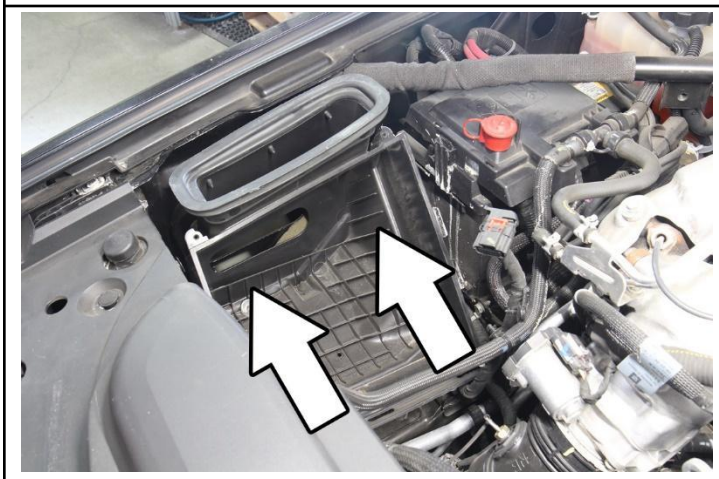
4. Remove the intake tube from the air box and the turbo inlet.



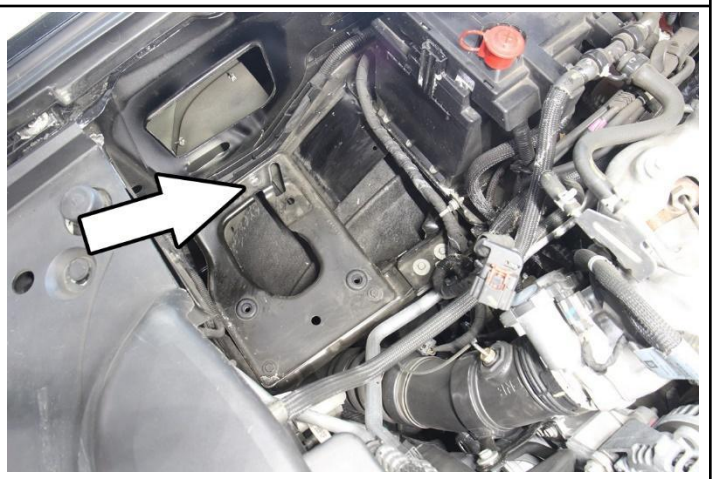
5. Disconnect the mass air flow harness clip and the coolant hose clip from the air box. Pull back the red tab from the MAF sensor to disconnect the harness connector.

6. Loosen the 8mm screws securing the upper air box assembly and remove the upper air box from the vehicle.

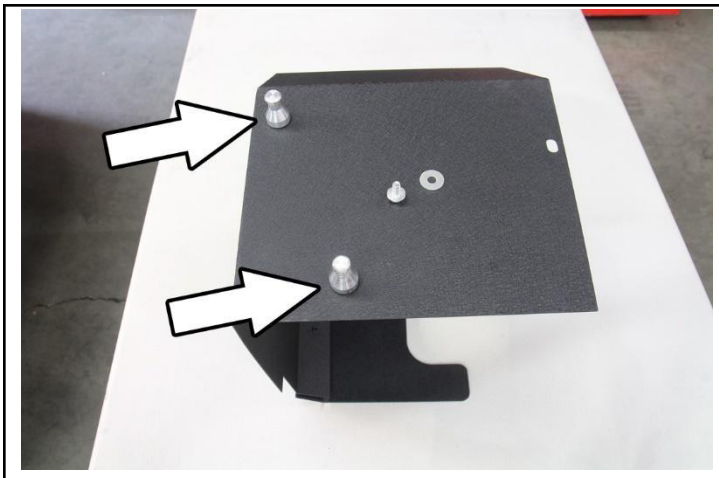
7. Remove the factory air filter.



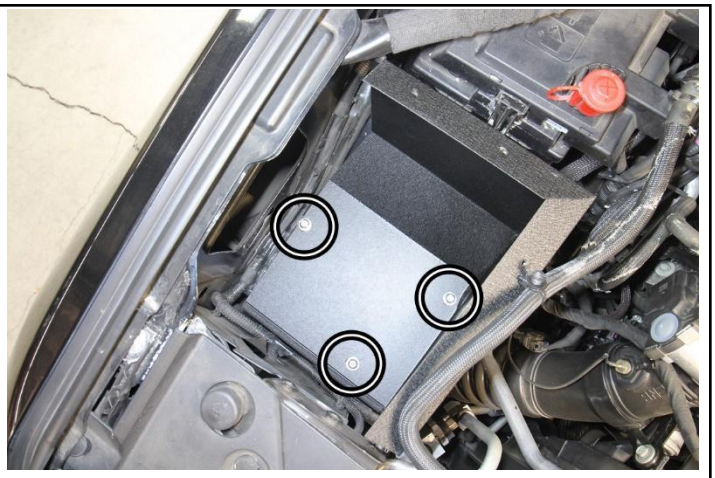
8. Lift the lower air box assembly from its grommets and remove the lower air box from the vehicle.



9. Remove the 10mm bolt shown in the image above and replace it with our provided M6 x 1 “vibration mount.



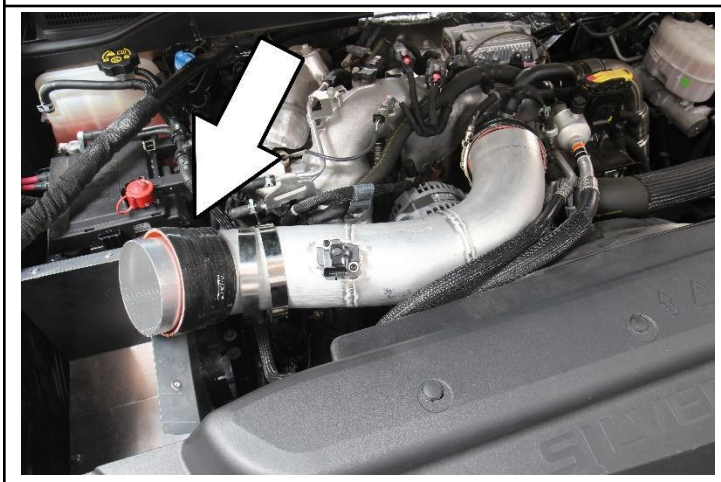
10. Install and secure the provided M6 bungs onto the bottom of the indicated areas shown of the heat shield. Secure the mounting bungs with provided M6x12mm bolts and washers.



11. Insert the heat shield into the factory grommets. Secure the heat shield onto the 1” vibration mount using a M6x12mm bolt and washer.

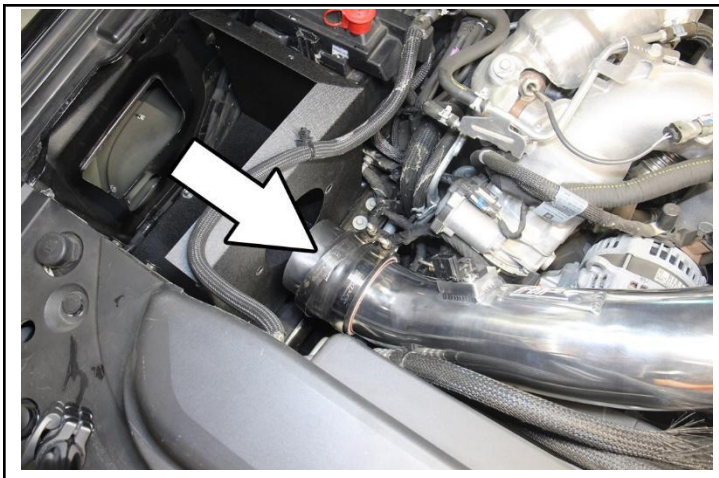
12. Insert the hump coupler onto the turbo inlet along with provided T-bolt clamps.

13. Remove and secure the factory MAF sensor onto the HPS intake pipe using provided M4x8mm allen bolts.

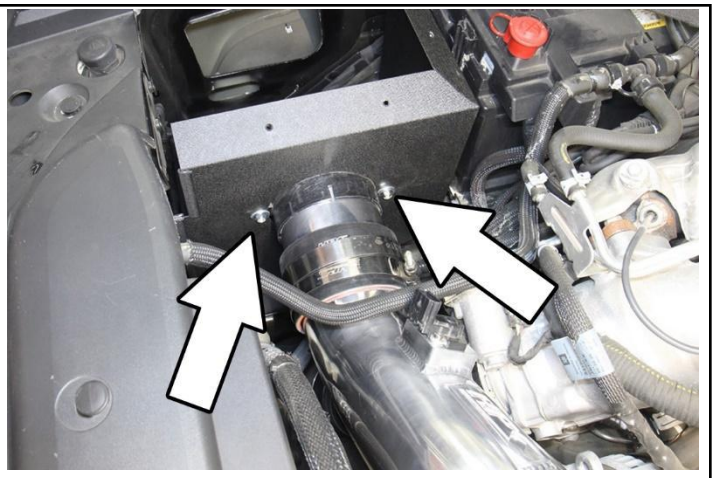


14. Slide the reducer coupler along with the provided T-bolt clamps onto the other end of the HPS intake pipe.

15. Insert the HPS intake pipe into the hump coupler.

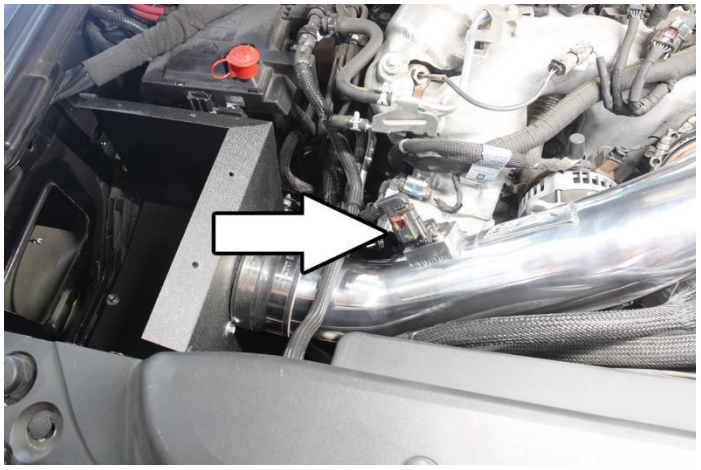


16. Slide the reducer coupler back leaving enough space to insert the velocity stack.



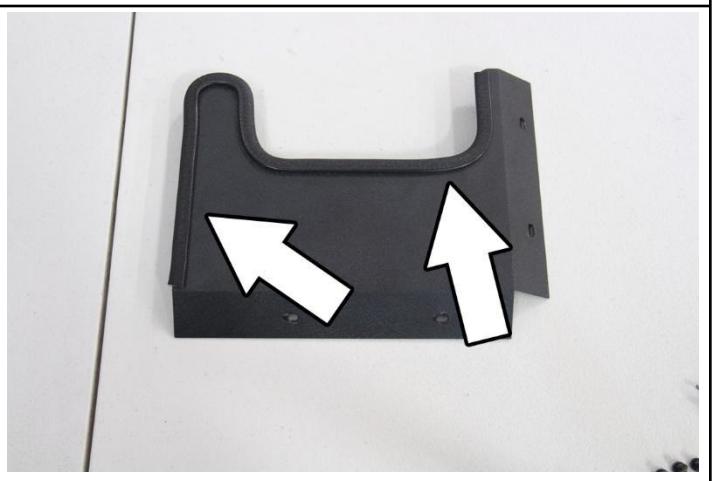
17. Insert the intake pipe into the velocity stack. Secure the velocity stack onto the heat shield using the provided M6x12mm bolts and washers.

18. Slide and secure the reducer coupler above the velocity stack and the intake pipe.

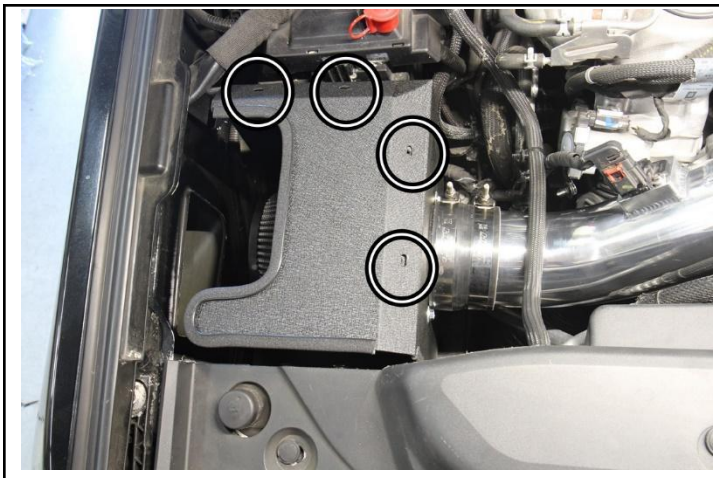


19. Re-insert the MAF sensor harness connector.

20. Install the provided HPS performance air filter.



21. Insert the provide edge trim onto the heat shield lid shown in the indicated areas shown above.



22. Install and secure the heat shield lid onto the heat shield using the provided four M5 allen bolts.

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.