



Performance Intercooler Pipe Kit (Hot Side)

Part Number: 17-146

**2017-2019 Chevrolet Silverado 2500 HD
2017-2019 Chevrolet Silverado 3500 HD
2017-2019 GMC Sierra 2500 HD
2017-2019 GMC Sierra 3500 HD
(6.6L V8 Turbo L5P Duramax Diesel)**

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: 17-146

Line #	Description	Part Number	Qty
1	Hot Side Charge Pipe, Upper	529-910	1
2	Hot Side Charge Pipe, Lower	529-911	1
3	2.75" – 3.00" Reducer Coupler x 4.00" Long	CH-17146-1	1
4	3.00" Straight Coupler x 3.00" Long	CH-17146-2	1
5	3.00" Hump Coupler x 4.00" Long	CH-17146-3	1
6	Spring Loaded T-Bolt Clamp for 2.75" Hose	SLTC-300	1
7	Spring Loaded T-Bolt Clamp for 3.00" Hose	SLTC-325	5

- Before installing any parts of this charge pipe kit, please read the instructions thoroughly.
- Verify the contents of this charge pipe 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 charge pipe 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@hpsperformanceproducts.com.

PLEASE READ CAREFULLY BEFORE INSTALLATION!

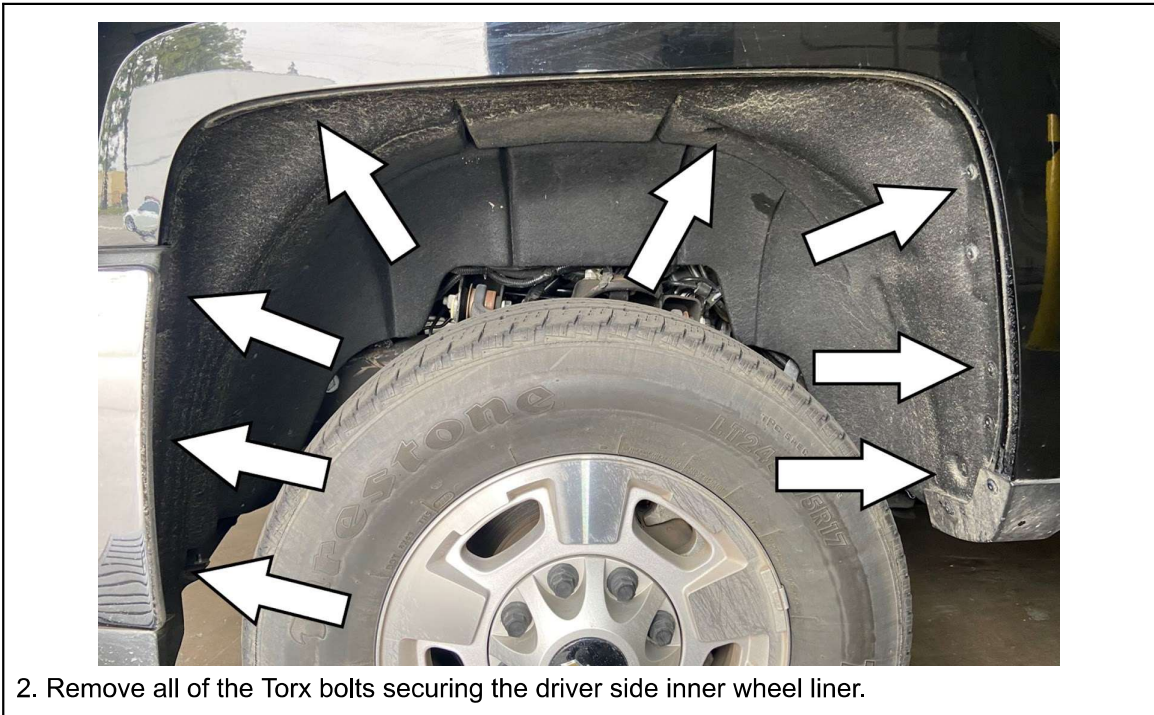
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

GETTING STARTED

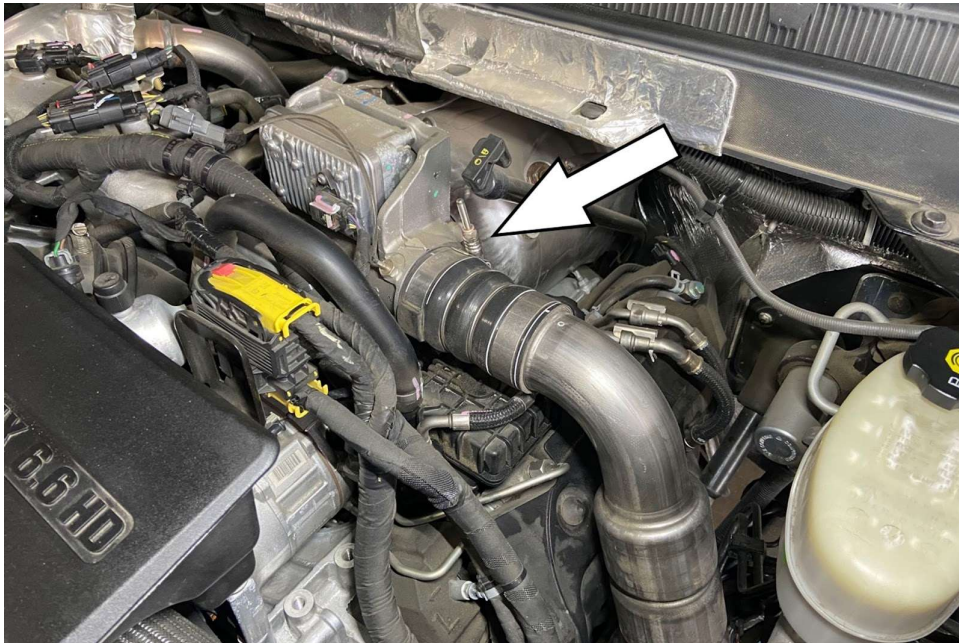
1. Turn the ignition OFF and disconnect the vehicle's negative battery cable. If the engine has run within the past two hours let it cool down.

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

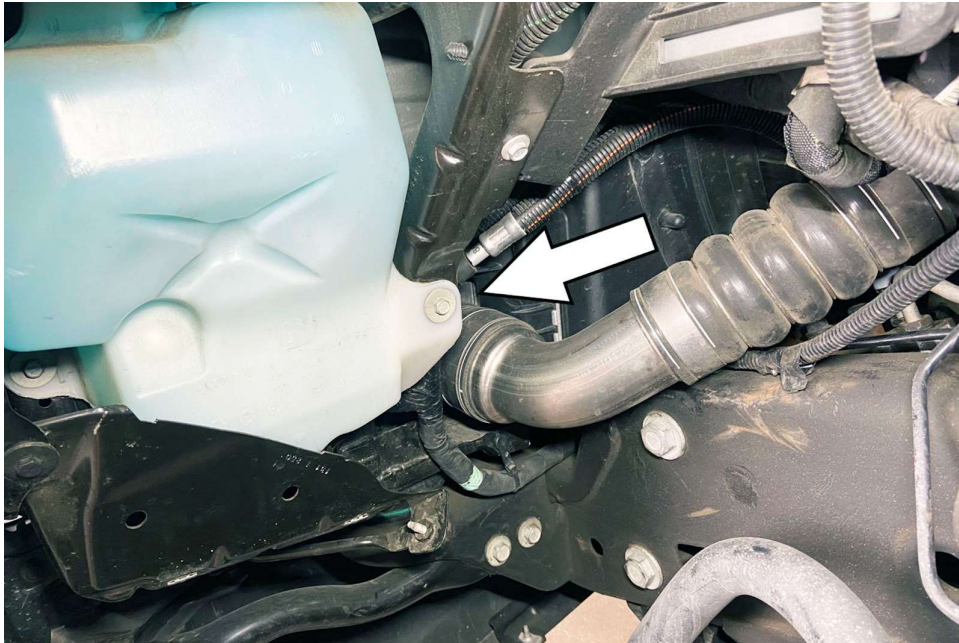




3. Remove the inner wheel liner from the vehicle.



4. Loosen the clamp securing the hot side charge pipe from the turbo outlet.



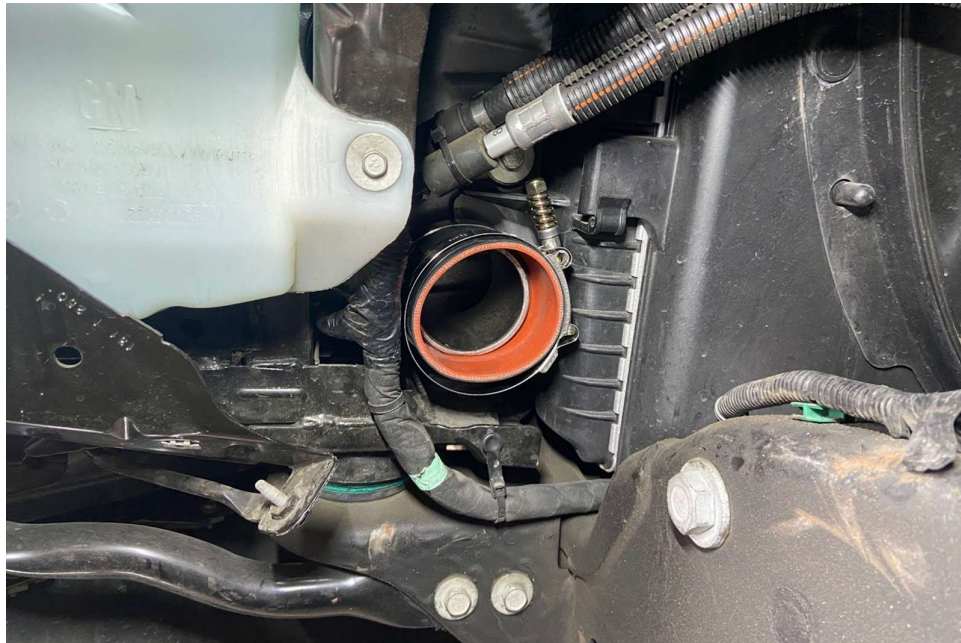
5. Loosen the hose clamp securing the charge pipe from the intercooler.



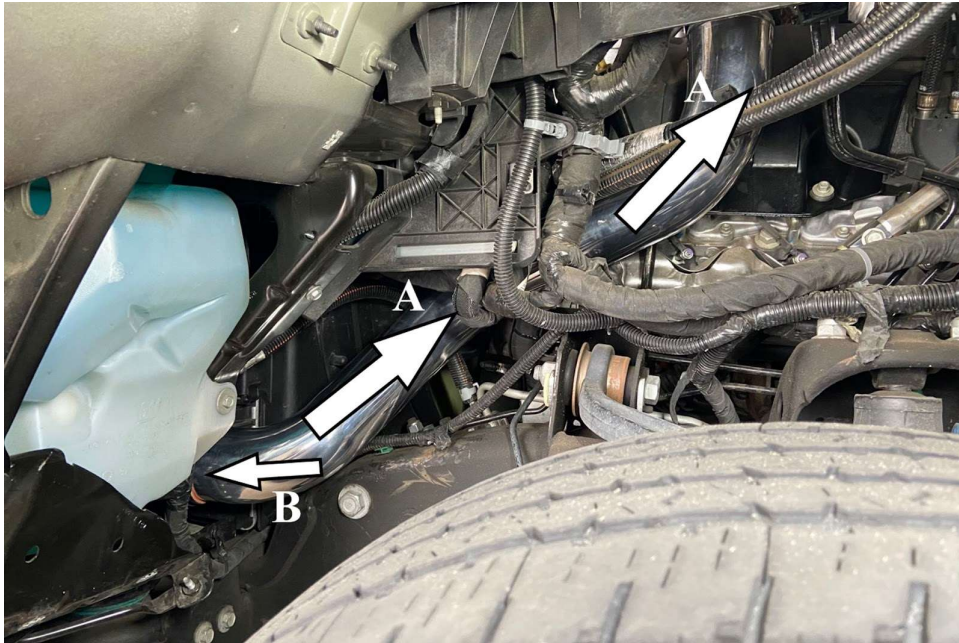
6. Slide the hot side charge pipe towards the bottom of the vehicle to remove it from the vehicle.



7. Install the silicone reducer onto the turbo outlet and secure it with the provided clamps.



8. Install the and secure the silicone coupler onto the charge air cooler using the provided clamps.



9. Insert the HPS charge pipe coming from the bottom of the engine towards the top (A), then insert the pipe into the coupler (B).



10. Install and secure the hump coupler onto the end of the other HPS charge pipe using the provided T-bolt clamp.



11. Connect the HPS charge pipes together using the hump coupler, then connect the upper charge pipe to the reducer coupler on the turbo outlet.



12. Position the charge pipes into place and fasten all of the remaining T-bolt clamps. Reinstall the driver side inner wheel liner back into the vehicle.

FINAL STEPS

Once the charge pipe 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 any vacuum lines, hoses and clamps that may be causing leaks or rattles and correct the problem.

Periodically, recheck the alignment of the charge pipes and make sure there is proper clearance around the pipes. Failure to follow proper maintenance procedures may cause damage to the intercooler pipes and will void the warranty.



Also available for
2017-2019 Chevrolet / GMC 2500 HD and 3500 HD
6.6L V8 L5P Duramax Diesel



HPS Performance Air Intake Kit
Part Number [827-674](#)



HPS Performance Cold Side Charge Pipe Kit
Part Number [17-120](#)

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