



Performance Shortram Air Intake Kit

Part Number: 827-600

2011-2020 Dodge Charger 5.7L V8*
2011-2020 Dodge Challenger 5.7L V8*
2011-2020 Chrysler 300C 5.7L V8*

***Excludes models with Shaker Hood**

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: 827-600

Description	Prep	Part Number	Qty	Check
Upper Air Intake Pipe	1	529-342	1	
Heat Shield	2	531-343	1	
6" HPS Air Filter	3	HPS-4303	1	
Intake Bracket	4	530-349	1	
T-Bolt Clamp for 3.5" Hose	5	SSTC-95-103	4	
3.5" Coupler x 2.5" Long	5	P3SC-350-L250	1	
3.5" Coupler x 2" Long	5	P3SC-350-L2	1	
Velocity Stack 3.5" to 6" inlet	5	HW-VS-350-600	1	
8mm Flange Bolt x 16mm Length	5	HW-B8-16	1	
8mm Flat Washer x 16mm OD	5	HW-FW8L	1	
6mm Bolt 12mm long	5	HW-B6-12	2	
6mm Flat Washer 16mm OD	5	HW-FW6L	3	
8mm bolt x 3mm Thick Spacer	5	91525A327	1	
6mm Threaded Bung	5	CNC-AWB-M6	1	
3/4" Barbed Connector	5	HW-BF-075	1	
12mm ID Rubber Grommet for 19mm Hole	5	HW-RG12	1	
3/4" (19mm) ID EPDM Hose, 3.5" Long	5	EPDM-075	1	
Edge Trim with Bulb, 46" Length	4	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 the engine cover to remove from its rubber mounts and remove the engine cover from the vehicle.



3. Unplug the air temperature sensor electrical connector.



4. Disconnect the breather hose from the air box.



5. Loosen the hose clamps securing the stock intake tube from the throttle body and the air box.



6. Lift and remove the intake resonator from the bracket. * Note * - Vehicles not equipped with a resonator skip to step 7.



7. Remove the intake tube from the air box and the throttle body and remove the intake tube assembly from the vehicle.



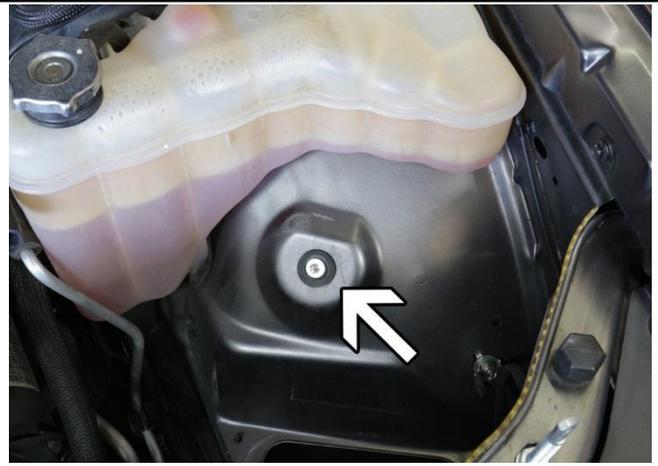
8. Remove the 8mm bolt securing the air box assembly.



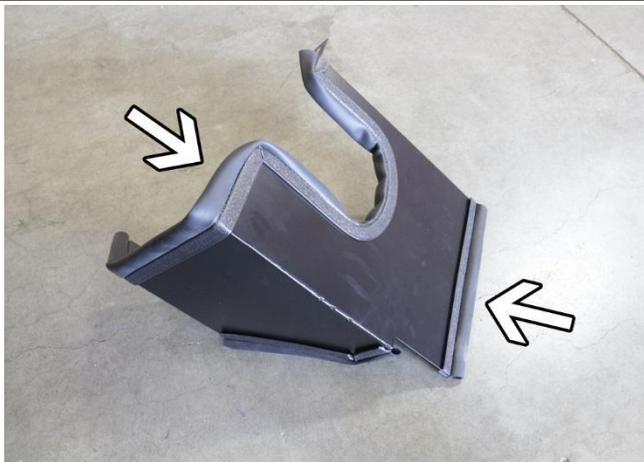
9. Lift and remove the air box assembly from the vehicle.



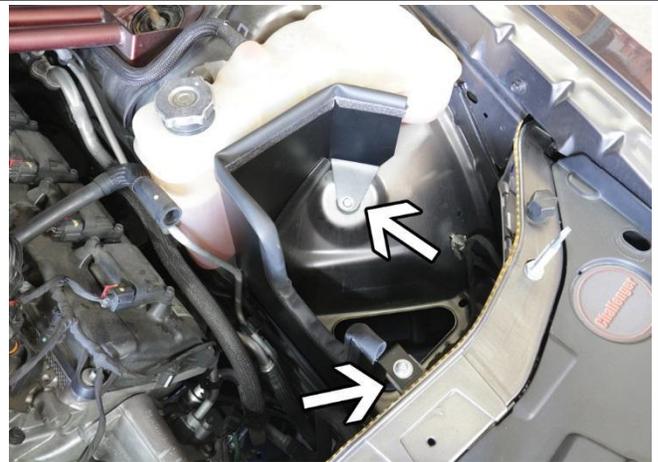
10. Remove the stock rubber mount from the air box and place the mount back onto the vehicle.



11. Insert the 6mm threaded bung inside the air box rubber mount.



12. Cut the edge trim to length and install onto the heat shield.



13. Insert and secure the heat shield using one 6mm x 16mm and a washer onto the stock air box tab. Then use one 6mm x 12mm and a washer onto the threaded bung.



14. Install the 3.5" x 2.5" length HPS coupler onto the throttle body and tighten with the T-bolt clamp included in the hardware kit.



15. Locate the area shown above for the intake bracket.



16. Place the spacer included in the hardware kit between the engine and the bracket. Secure the bracket with an 8mm bolt and washer.



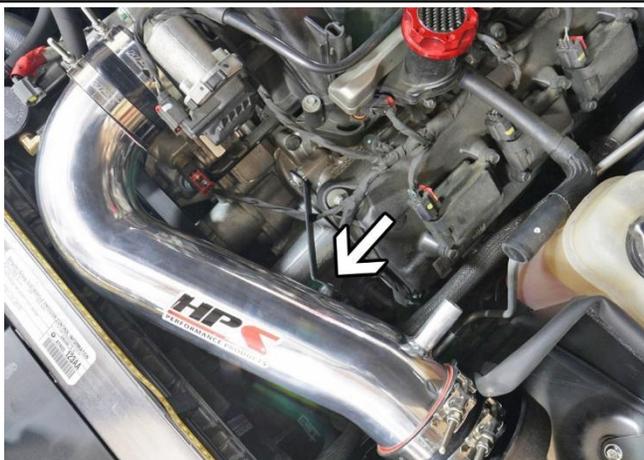
17. Install the 3.5" x 2" length coupler onto the velocity stack. Secure the coupler with the T-bolt clamps provided in the hardware kit.



18. Install the velocity stack onto the HPS intake pipe.



19. Insert the 19mm rubber grommet into the HPS intake pipe. Remove the air temperature sensor from the stock intake tube and place the sensor into the rubber grommet.



20. Insert the intake pipe into the throttle body coupler and secure the pipe onto the bracket.



21. Insert the 3/4 inch barb into the stock breather hose.



22. Connect the $\frac{3}{4}$ barb adapter to the HPS intake bar using the EPDM hose provided in the hardware kit.



23. Install the 6" HPS air filter onto the velocity stack.

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.

