



Performance Shortram Air Intake Kit Part Number: 827-627

**2009-2010 Dodge Challenger 5.7L V8
2006-2010 Dodge Charger 5.7L V8
2005-2008 Dodge Magnum 5.7L V8
2005-2010 Chrysler 300c 5.7L V8**

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: 827-627

Description	Prep	Part Number	Qty	Check
Air Intake Pipe	1	529-390	1	
Heat-Shield	2	531-391	1	
HPS Air Filter	3	HPS-4303	1	
T-Bolt Clamp for 3.50" Hose	5	SSTC-95-103	4	
3.50" Straight Coupler x 2.50" Long	5	P3SC-350-L250	1	
3.50" Hump Coupler x 3" Long	5	PS3HC-350-L3	1	
6mm Bolt x 12mm Long	5	HW-B6-12	2	
6mm Flat Washer x 16mm OD	5	HW-FW6L	2	
Velocity stack	5	HW-VS-350-600	1	
Thin Edge Trim x 17" Length	5	Thin Edge Trim	1	
Edge Trim with Bulb x 28" Length	5	Edge Trim with Bulb	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.

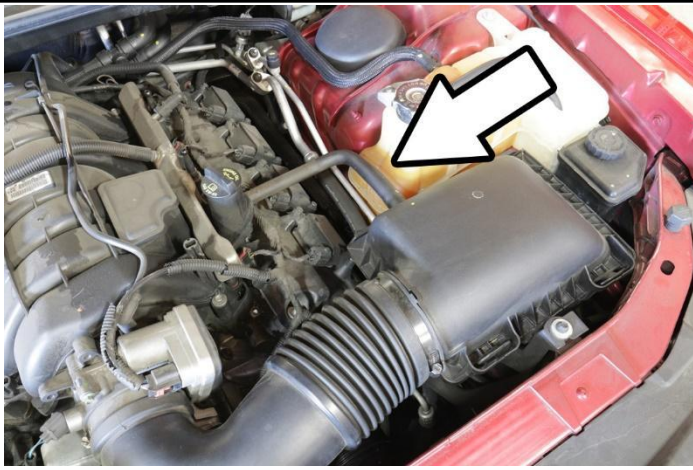
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



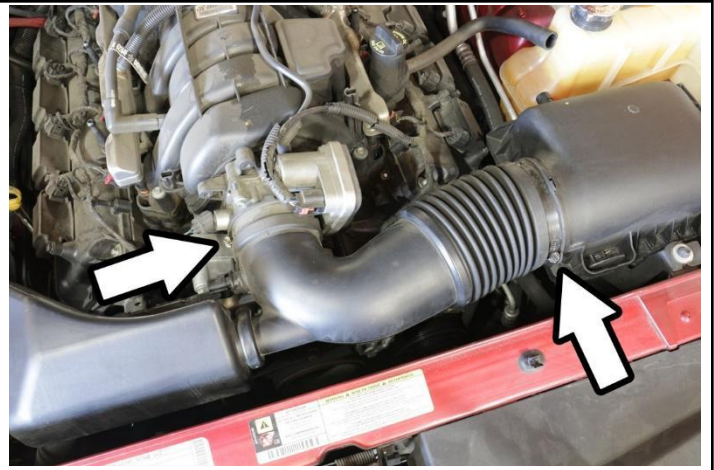
2. Lift and remove the engine cover from the vehicle.



3. Disconnect the electrical connector from the air temperature sensor.



4. Disconnect the stock breather hose from the air box.



5. Loosen the hose clamps securing the air box and the throttle body.



6. Remove the stock intake tube from the vehicle.



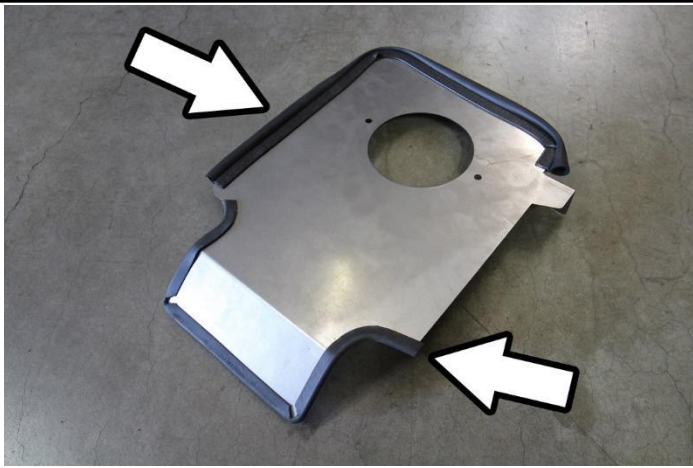
7. Remove the 10mm bolt securing the air box assembly.



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



9. Install the coupler along with the provided t-bolt clamps onto the throttle body.



10. Install the thin edge trim on the bottom of the heat-shield and the bubble edge trim following the top of the heat-shield.



11. Install the velocity stack onto the heat-shield. Secure the velocity stack using two 6mm x 12mm bolts and washers.



12. Install the hump coupler along with the t-bolt clamps onto the velocity stack.



13. Remove the stock intake temperature sensor from the intake tube and install the sensor into the HPS intake.



14. Insert the HPS intake pipe into the throttle body coupler. Snug the hose clamp enough you can adjust the pipe still.



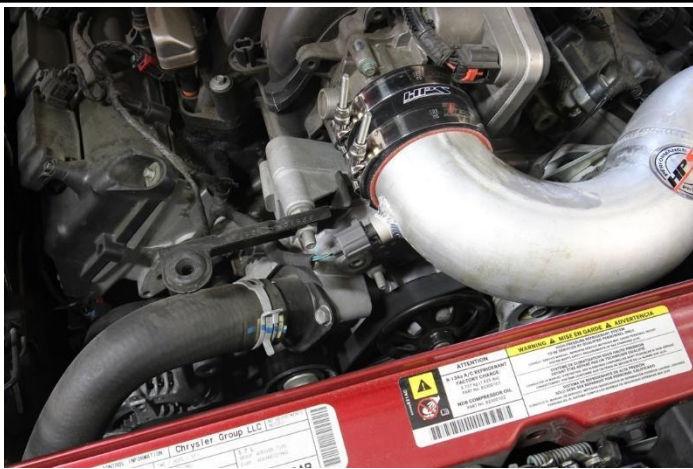
15. Insert the heat-shield into the vehicle and insert the hump coupler onto the intake pipe.



16. Adjust the heat-shield and the intake to the final position and tighten all the clamps, then re-using the stock air box bolt secure the heat-shield to the stock mount.



17. Re-install the breather hose onto the intake pipe.



18. Re-connect the temperature sensor connector harness onto the sensor.



19. Install the provided HPS air filter onto the velocity stack.



20. Re-insert the engine cover back onto the vehicle.

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.