



## **Performance Shortram Air Intake Kit Part Number: 827-276**

**Hyundai 2009-2012 Genesis Sedan 3.8L V6**

### **Installation Instructions**

For technical inquiries please email us at [tech@hpsperformanceproducts.com](mailto: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

## Part Number: 827-276

Description	Prep	Part Number	Qty	Check
Silicone Intake elbow hose	1	687-54173	1	
HPS Filter	2	HPS-4298	1	
5/8" Breather Filter	3	62-1340	1	
T-Bolt Clamp for 3 1/4" Hose	3	SSTC-89-97	1	
T-Bolt Clamp for 3 3/8" Hose	3	SSTC-95-103	1	
Intake Bracket	3	530-154	1	
Rubber Vibration Mount 6mm x 1/2" tall	3	HW-RM6-50	1	
6mm Flange Nut	3	HW-N6	2	
6mm Bolt 20mm long	3	HW-B6-20	1	
6mm Flat Washer 16mm OD	3	HW-FW6L	3	

- Report any defective or missing parts to HPS directly. The authorized HPS dealer you purchased this product from might not have the correct parts you need.
- Before installing any parts of this system, please read the instructions thoroughly.
- Installation DOES require some mechanical skills. A qualified mechanic is always recommended.
- Do not attempt to install the intake system while the engine is hot.
- The installation may require removal of radiator fluid lines that may be hot.
- For technical inquiries, please e-mail us at [tech@hpsperformanceproducts.com](mailto: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.***

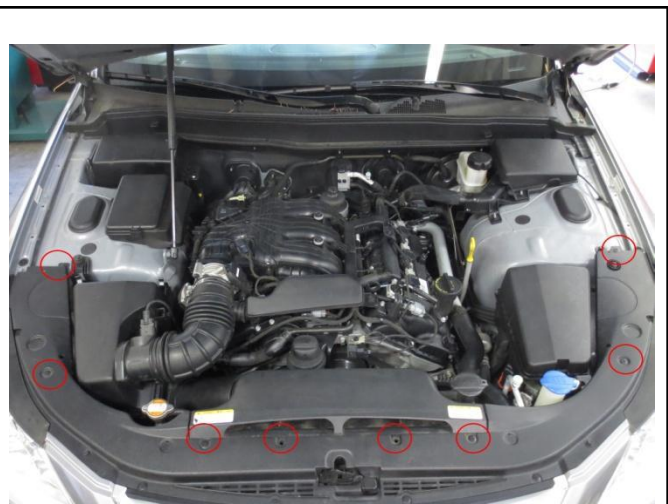
## **GETTING STARTED**

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 re-connected. 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.



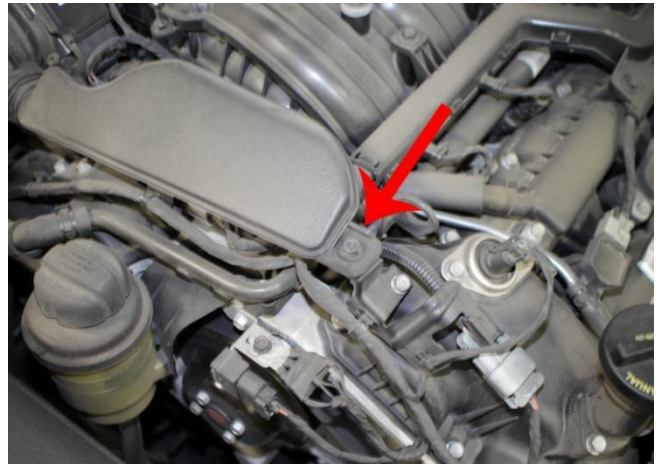
2. Remove the engine cover by lifting up at the indicated circles.



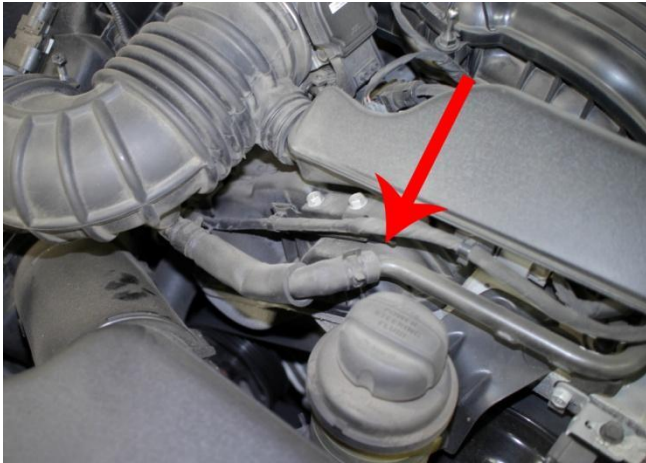
3. Remove the radiator support plastic trim by removing the plastic rivets.



4. Remove the air scoop.



5. Use a 10mm socket to release the air resonator chamber from the engine.



6. Use needle-nosed pliers to release the clamp from the breather pipe. Remove the hose from the breather pipe.



7. Loosen the hose clamps from the throttle body and the air box to remove the stock air intake hose.



8. Remove the bolt holding down the air box located behind the passenger side headlight with a 10mm socket.



9. Remove the other bolt holding down the air box located on the strut tower.



10. Unclip the harness from the air box.



11. Unplug the MAF sensor.



12. With the air box removed from the vehicle, Disconnect the MAF housing from the air box by removing the 2 bolts. When the MAF housing is removed from the air box, remove the rubber o-ring from the MAF housing.



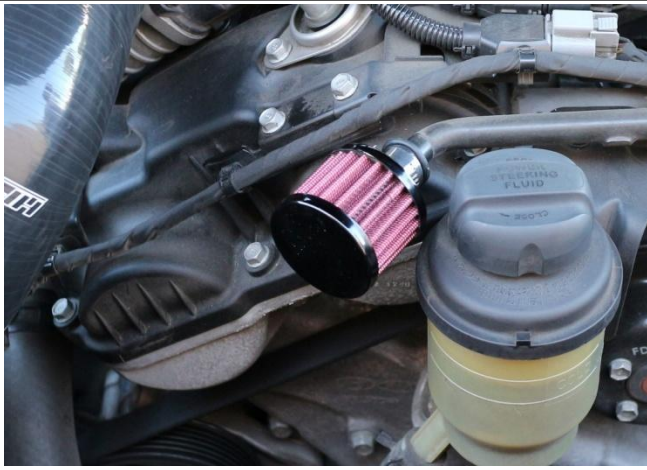
13. Install the silicone elbow onto the throttle body and loosely fit the clamps onto it. Connect the MAF housing to the silicone elbow with the sensor connector facing approximately at the 10 o'clock position. Then install the air filter onto the MAF housing.



14. Install the rubber mount onto the factory air box mounting location. Place the bracket onto the rubber mount and secure it with a nut and washer included in the hardware pack.



15. Clock the MAF housing until the bracket lines up with it. Install the long bolt with the included washers and nut, then tighten down. Once the bracket is secured, you can tighten the clamps on the silicone elbow. Reconnect the MAF harness.



16. Install the breather filter onto the breather pipe



17. Optionally, you can reinstall the air duct. The factory air duct hose has a glued connection. Some parts may not be reused after disassembly.

### 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.

