



Performance Shortram Air Intake Kit

Part Number: 827-679

2003-2007 Infiniti G35 Coupe 3.5L V6

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: 827-679

Description	Prep	Part Number	Qty	Check
Air Intake Pipe	1	529-581	1	
Heat Shield	2	531-582	1	
Bracket #1	3	530-583	1	
Bracket #2	3	530-441	1	
Performance Air Filter	4	HPS-4276	1	
3.12" – 3.25" Reducer Coupler x 3" Long	5	P3SR-312-325-L3	1	
3.12" – 3.25" Reducer Coupler x 2.25" Long	5	P3SR-312-325-L225	1	
T-Bolt Clamp for 3.12" Hose	5	SSTC-83-91	2	
T-Bolt Clamp for 3.25" Hose	5	SSTC-86-94	2	
MAF Adapter	5	ADAP-MAF-NIS	1	
M6 Bolt x 12mm long	5	HW-B6-12	6	
M6 Bolt x 20mm long	5	HW-B6-20	1	
M6 Flat Washer x 16mm OD	5	HW-FW6L	11	
M6 Flange Nut	5	HW-N6	4	
Rubber Vibration Mount M6 x 1" Tall	5	HW-RM6-100	2	
M6 Heat Shield Mount Bung to Rubber Grommet	5	HSM-M6-1028	2	
Thin Edge Trim x 7 inches	5	Thin Edge Trim	1	
Bubble Edge Trim x 30 inches	5	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.**
- **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 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.

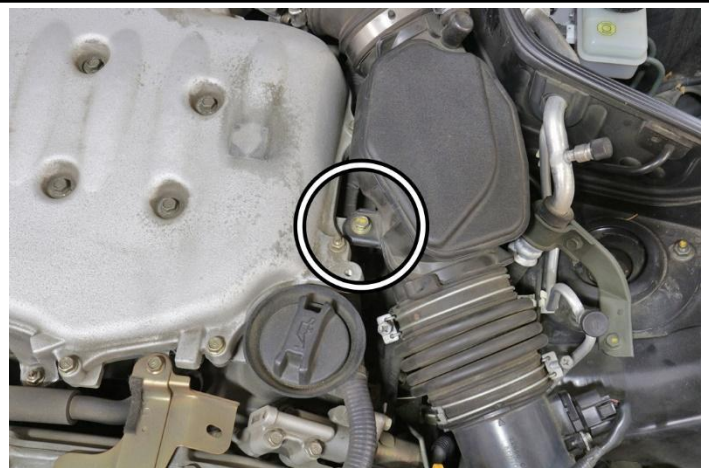
GETTING STARTED

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



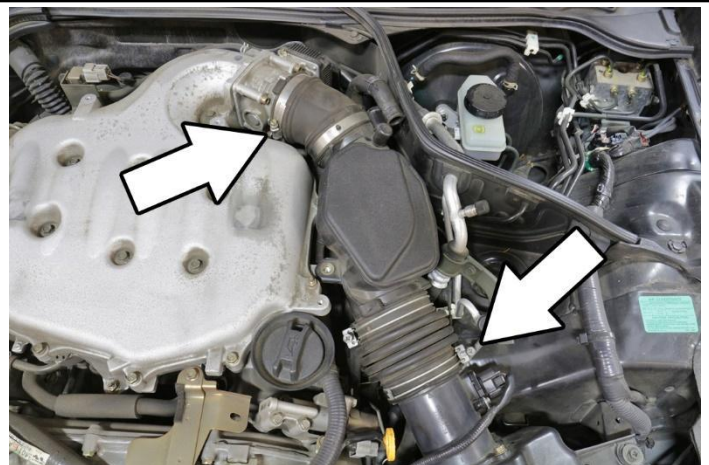
2. Remove the four 10mm nuts securing the engine cover and remove the engine cover from the vehicle.



3. Loosen the 10mm bolt securing the factory intake tube from the intake manifold.



4. Loosen the hose clamp securing the breather hose from the intake tube.



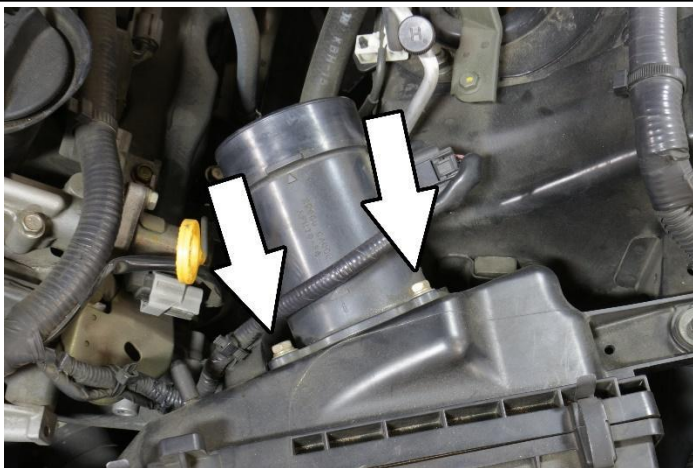
5. Loosen the hose clamps securing the intake tube from the throttle body and the factory MAF housing.



6. Remove the factory intake tube from the vehicle.



7. Disconnect the MAF sensor harness connector and remove the 10mm bolt securing the air box. Lift and remove the air box assembly from the grommets and remove the air box from the vehicle.



8. Remove the four bolts securing the MAF sensor housing from the air box assembly.



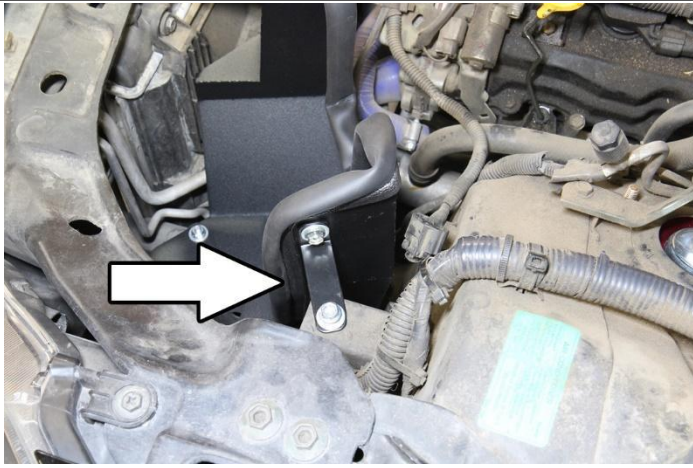
9. Insert the 1" vibration mounts into the two M6 mounting bungs that are included in the hardware kit.



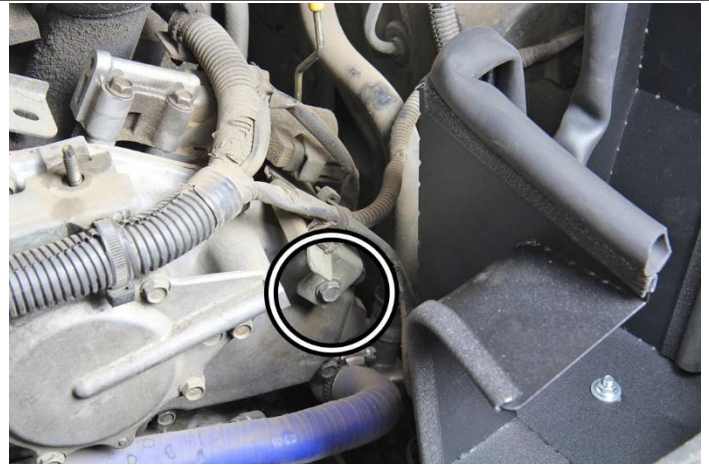
10. Insert the vibration mounts along with the M6 mounting bungs into the factory air box rubber grommet mounts.



11. Insert the thin edge trim provided in the hardware kit indicated from the left arrow shown above onto the heat shield. Insert the bubble edge trim onto the heat shield indicated from the arrow on the right shown above.



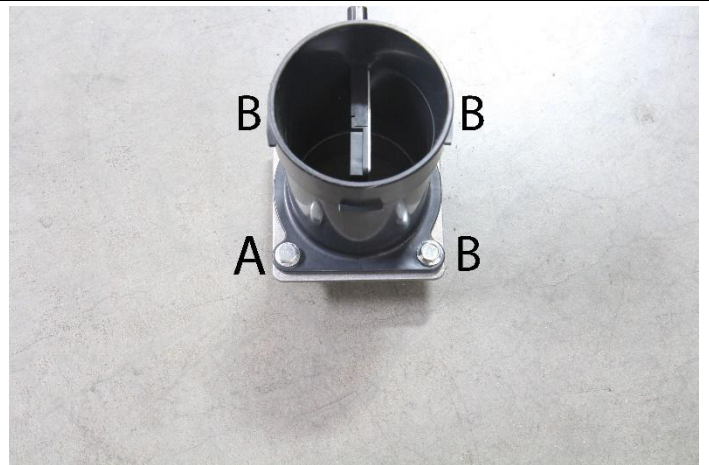
12. Insert the heat shield into the vehicle and onto the vibration mounts. Secure the heat shield onto the vibration mounts with the provided nuts and washers. Insert the provided "L" bracket onto the heat shield and secure the bracket using the M6 x12mm bolts, nuts, and washers to the factory air box mount.



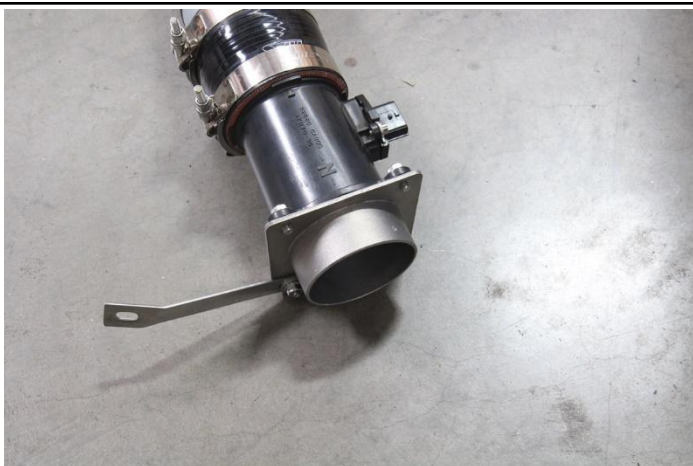
13. Remove the 10mm bolt indicated in the image shown above.



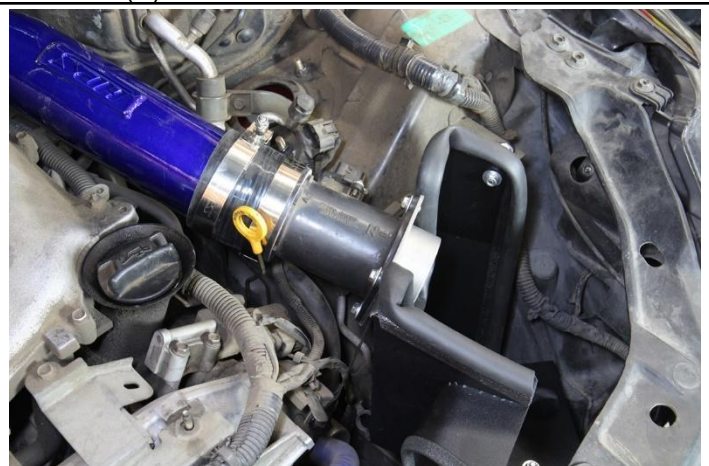
14. Insert the 2.5" length reducer coupler onto the throttle body along with the provided T-bolt clamps.



15. Secure the factory housing onto the provided adapter plate using the M6x12mm bolts and washers in the indicated area (B) and the M6x20mm bolt and washer onto area (A).



16. Insert and secure the provided intake bracket onto the M6x20mm protruding thread with a nut and washer, but do not tighten all the way. Install the remaining coupler along with the provided t-bolt clamps onto the MAF housing.



17. Insert the HPS intake pipe into the MAF housing coupler and into the throttle body coupler. Adjust the intake pipe into position.



18. Once the intake pipe is adjusted into position, secure the intake bracket onto the mounting bolt that was removed in step 13.



19. Insert and secure the factory breather hose onto the intake barb.



20. Insert the HPS performance air filter and reconnect the MAF sensor harness connector.



21. Reinstall the engine cover into the vehicle.

Final Steps

Once the intake has been positioned, tighten all of the clamps and secure all of the parts.

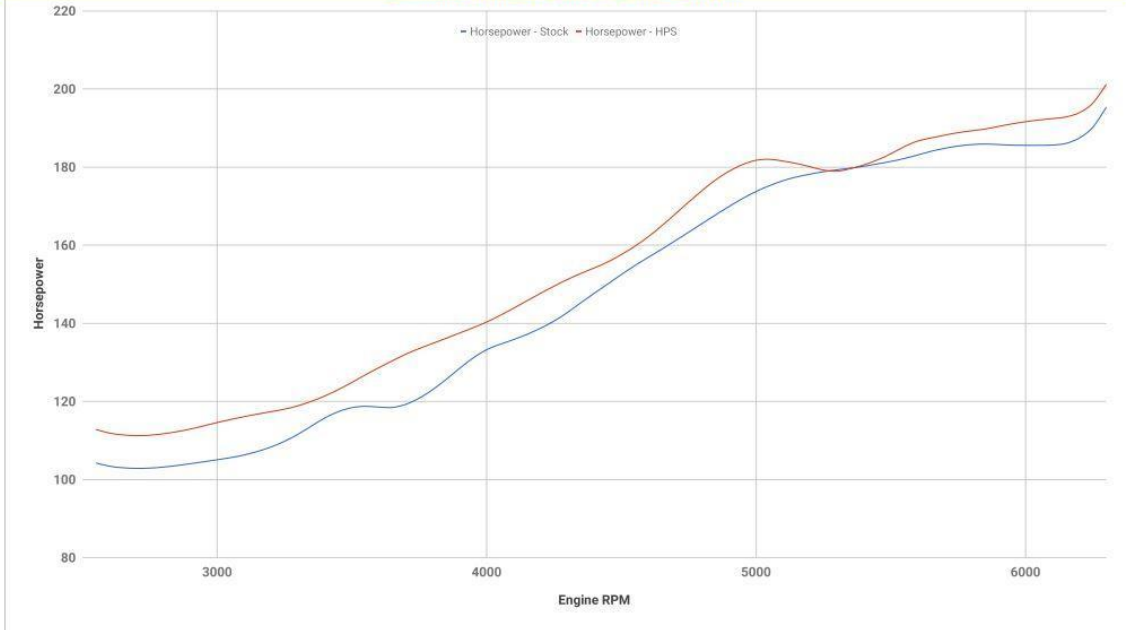
Upon completion of the installation, reconnect the negative battery terminal before you start the engine. Double check to make sure everything is tight and properly positioned before starting the vehicle.

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.

HPS Performance Air Intake Kit with Heat Shield (827 Series)
2003-2007 Infiniti G35 Coupe 3.5L V6
Part Number: 827-679

Maximum Horsepower Gains = 8 whp @ 5000 rpm



HPS Performance Air Intake Kit with Heat Shield (827 Series)
2003-2007 Infiniti G35 Coupe 3.5L V6
Part Number: 827-679

Maximum Torque Gains = 8.5 ft/lb @ 5000 rpm

