



Performance Shortram Air Intake Kit Part Number: 827-511

Lexus 2006-2011 GS350 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

Part Number: 827-511

Description	Prep	Part Number	Qty	Check
Intake pipe	1	529-71	1	
HPS Filter	2	HPS-4276	1	
T-Bolt Clamp for 3-1/8" Hose	3	SSTC-86-94	1	
T-Bolt Clamp for 3" Hose	3	SSTC-79-87	1	
3" to 3-1/8" Reducing Coupler x 3" Long	3	P3SR-300-312-L3	1	
Intake Bracket	3	530-70	1	
6mm Large OD Washer	3	HW-FW6L	2	
6mm Flange Bolt x 12mm Long	3	HW-B6-12	1	
4mm Bolt x 8mm Long	3	HW-B4-8	2	

- 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!

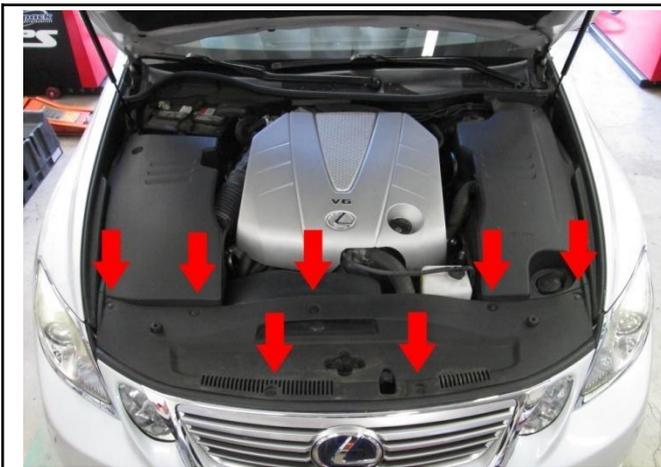
This installation is not for the novice customer. Install this system with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a tuner shop install this kit.

NOTE: HPS holds no responsibility for any engine damage that results from the 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.

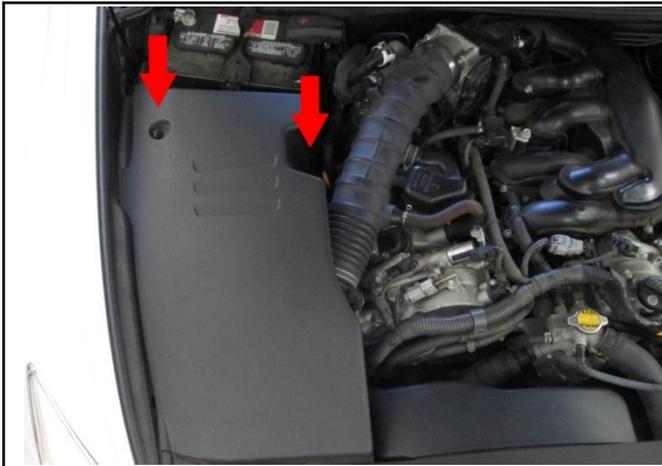
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is re-connected. The anti-theft code is typically supplied 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 7 clips indicated by the arrows and remove the plastic radiator support cover.



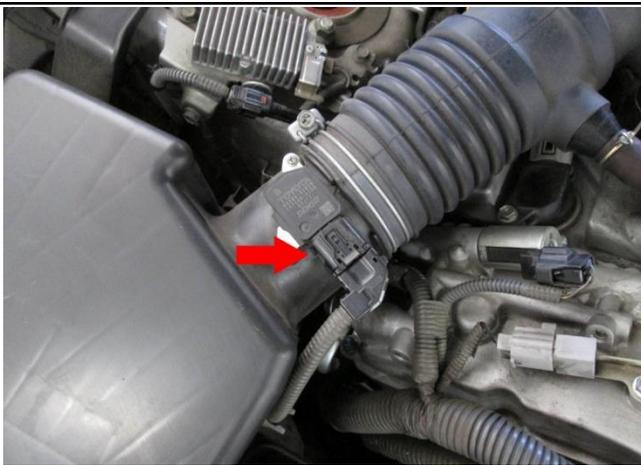
3. Remove the engine cover by lifting at the indicated areas.



4. Remove the 2 clips, then remove the plastic cover from the engine bay.



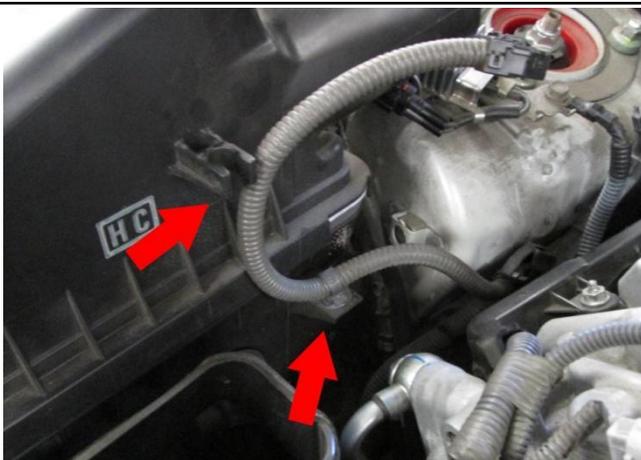
5. Loosen the hose clamp from the throttle body. Remove the breather hose from the air inlet tube (indicated by the arrow).



6. Disconnect the mass air flow (MAF) sensor harness from the MAF sensor.



7. Unbolt the 3 bolts from the air box.



8. Unclip the MAF sensor harness from the air box. Remove the stock air box and inlet tube from the engine bay.



9. Remove the MAF sensor from the air box and install it onto the HPS intake pipe using the 4mm Allen Head screws included in the hardware packet.



10. Install the new HPS air filter onto the HPS intake pipe.



11. Remove the bolt from the valve cover to install the intake bracket. Put one 6mm flat washer over the bracket, then install the factory bolt .



12. Install the silicone coupler and T-bolt clamps onto the throttle body. Install the HPS intake pipe onto the silicone coupler.



13. Mount the intake onto the bracket using the 6mm bolt and washer from the hardware packet. Tighten the bolts after the intake has been positioned for clearance.



14. Connect the MAF sensor harness to the MAF sensor.

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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, and let the car idle for about 3 minutes. Perform a final inspection before driving. Listen carefully for any odd noises, rattles, 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.

