



Performance Shortram Air Intake Kit Part Number: 827-260

Lexus 2001-2005 GS300 3.0L

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: 827-260

Description	Prep	Part Number	Qty	Check
Air Intake Pipe	1	529-138	1	
HPS Air Filter	2	HPS-4275	1	
Heat Shield	2	531-139	1	
T-Bolt Clamp for 2.75" Hose	3	SSTC-73-81	2	
2.75" Coupler x 2.5" Long	3	P3SC-275-L25	1	
Intake Bracket	3	530-143	1	
Venturi Air Straightener	3	HW-ASR-275-250	1	
6mm Flange Bolt, 12mm long	3	HW-B6-12	2	
6mm Flange Bolt, 20mm long	3	HW-B6-20	1	
6mm Flat Washer, Large OD	3	HW-FW6L	4	
6mm Flange Nut	3	HW-N6	1	
M4 Allen Head Bolts, 8mm Long	3	HW-B4-8	2	
6mm Vibration Mount, 1/2" tall	3	HW-RM6-50	1	
8mm Vacuum Hose, 24" long	3	HTSVH8-BLK	1	
13mm Breather Hose, 14" long	3	EPDM-050	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.

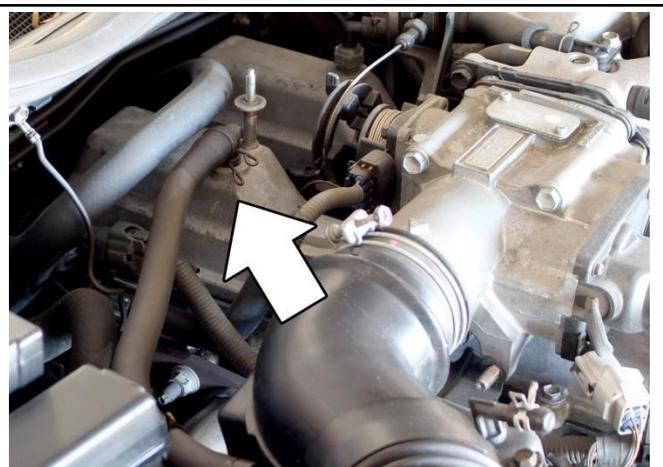
GETTING STARTED

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.

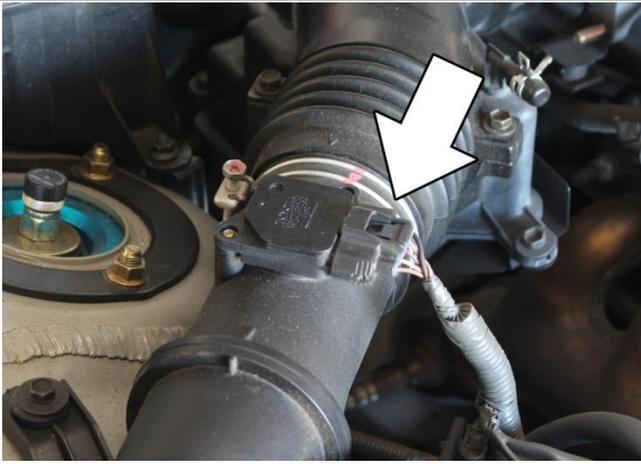
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied 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.



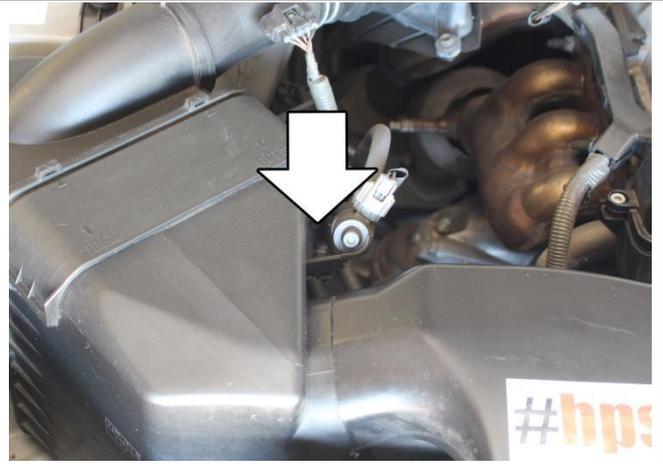
2. Remove the 4 bolts on the engine cover with a 10mm socket.



3. Disconnect the breather hose from the valve cover.



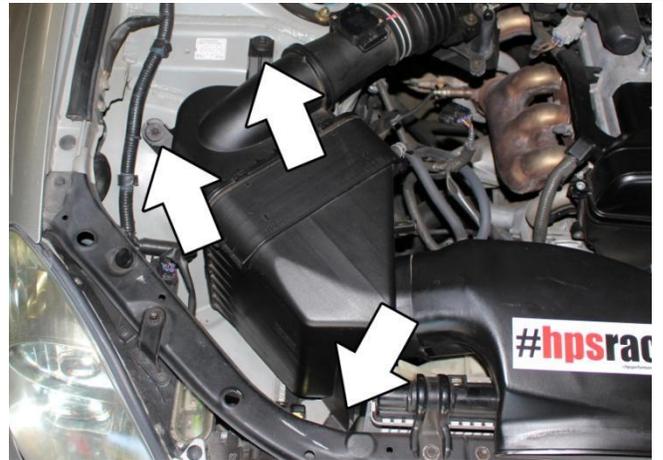
4. Disconnect the Mass Air Flow (MAF) connector from the MAF sensor.



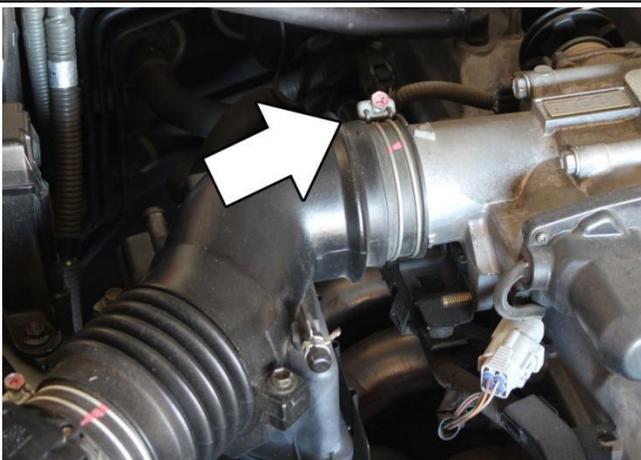
5. Remove the bolt from the EVAP solenoid.



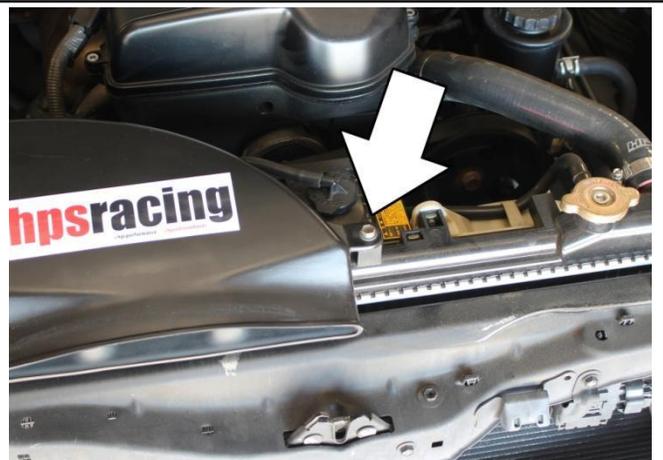
6. Disconnect the vacuum hose attached to the air box.



7. Unbolt the 3 bolts securing the air box to the vehicle.



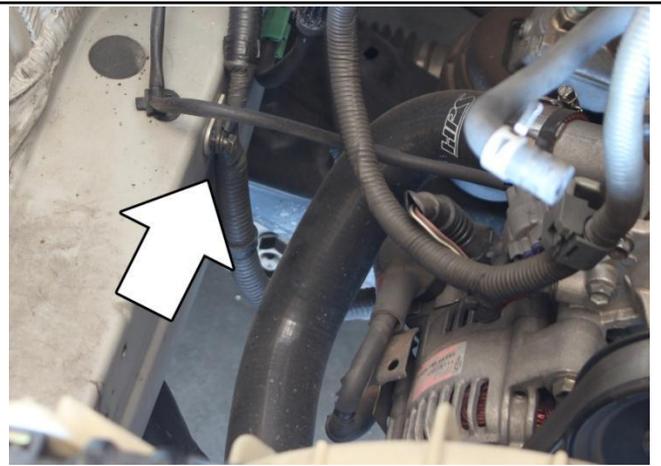
8. Loosen the hose clamp on the throttle body.



9. Remove the bolt on the air duct and remove the duct from the vehicle.



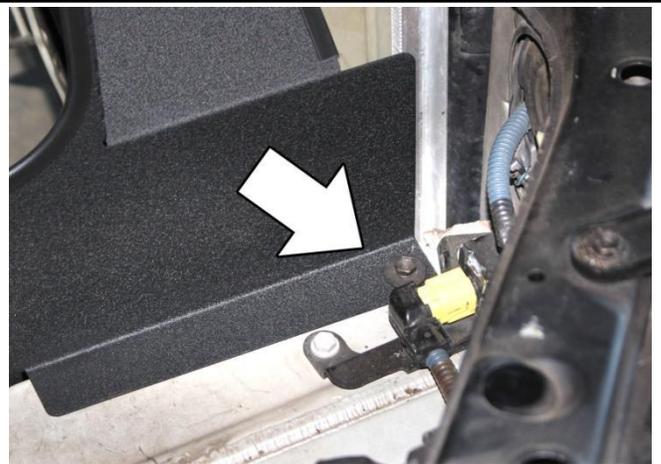
10. Carefully remove the air box and intake hose from the engine bay.



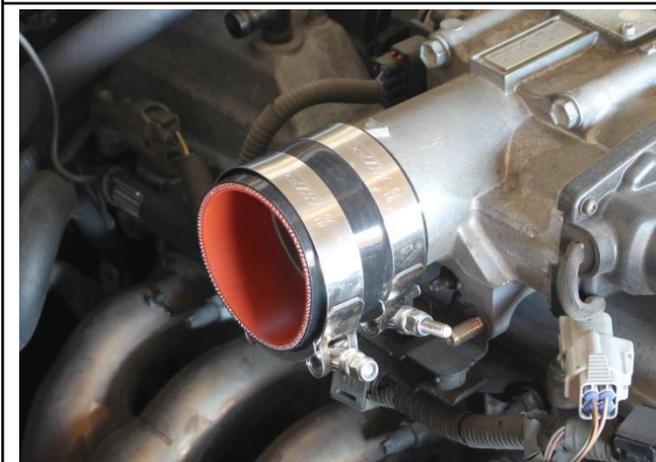
11. Remove the bolt located on the frame rail for the ground strap as indicated in the image.



12. Slide the heat shield between the ground strap and the frame rail. Then, install the intake bracket over the ground strap, and secure it using the long m6 bolt supplied.



13. Secure the front of the heat shield using the bolt supplied.



14. Install the silicone coupler and T-bolt clamps onto the throttle body.



15. Disconnect the vacuum hose between the pipe on the frame rail and the EVAP solenoid.



16. Prepare the HPS intake pipe for installation. Install the vibration mount onto the second threaded bung as shown.



17. Transfer the MAF sensor from the stock air box onto the HPS intake pipe.



18. Insert the intake pipe into the coupler on the throttle body.



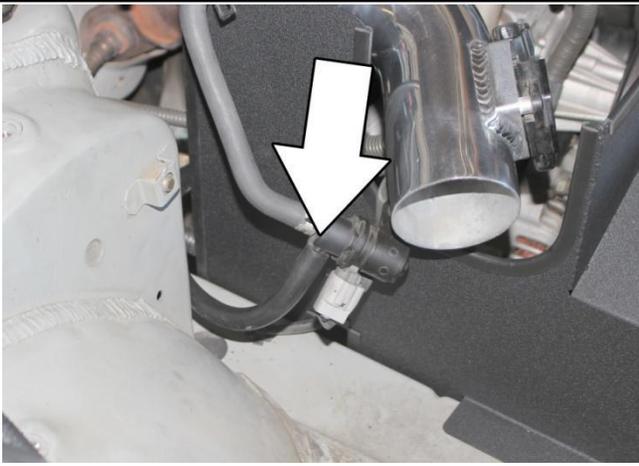
19. Line up the vibration mount to the intake bracket and secure it with a washer and nut supplied in the hardware pack.



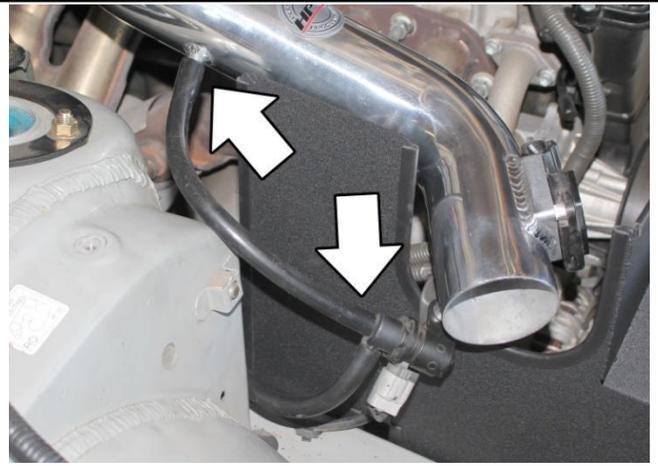
20. Bolt the EVAP solenoid to the intake pipe as shown with a provided m6 bolt.



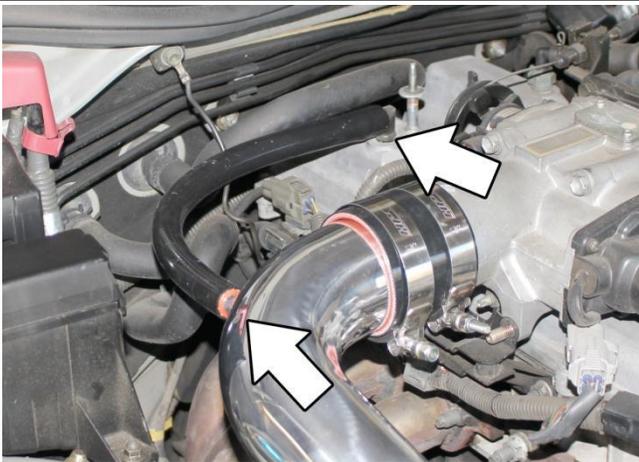
21. You will need to cut two lengths of the 8mm vacuum hose supplied. One will be 13" long, the second will be 10" long.



22. Attach one end of the 13" long hose to the EVAP solenoid on the port next to the connector, and the other end to the tube on the frame rail.



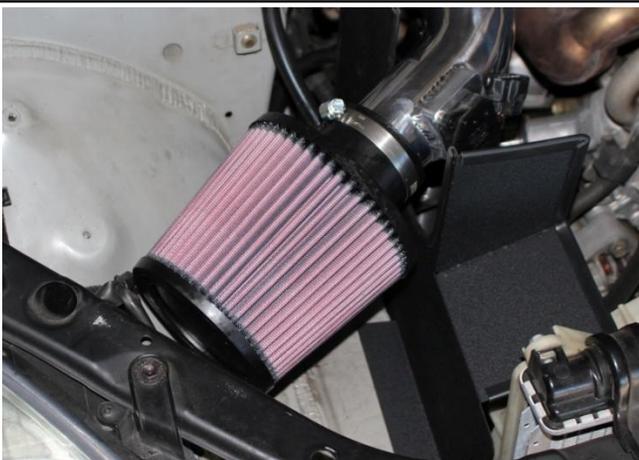
23. Remove the remaining factory hose and install the 10" length hose between the solenoid and the intake pipe.



24. Install the 1/2" breather hose onto the intake pipe and valve cover.



25. Press the air straightener into the end of the intake pipe.



26. Install the HPS air filter onto the intake pipe.



27. Connect the MAF sensor.

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 Silicone Radiator Hose Kit (Black/Blue/Red) with Stainless Steel Clamps
is now available for Lexus 2001-2005 GS300 3.0L!**

Part Number: 57-1271 - MSRP: \$127



**Contact an authorized HPS Performance Products dealer or visit us at
www.hpsperformanceproducts.com for more details**