



# Performance Shortram Air Intake Kit

**Part Number: 827-269**

**Nissan 2013-2019 Sentra 1.8L 4Cyl**

## 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: 827-269

Description	Prep	Part Number	Qty	Check
Air Intake Pipe	1	529-158	1	
HPS Air Filter	2	HPS-4275	1	
T-Bolt Clamps	3	SSTC-73-81	2	
2 3/4" Silicone Coupler x 2" Long	3	P3SC-275-L2	1	
5/8" EPDM breather hose x 10" Long	3	EPDM-062	1	
Air Straightener 2 3/4" reduced to 2 1/2"	3	HW-ASR-275-250	1	
4mm Allen Bolts 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](mailto: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](mailto: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.



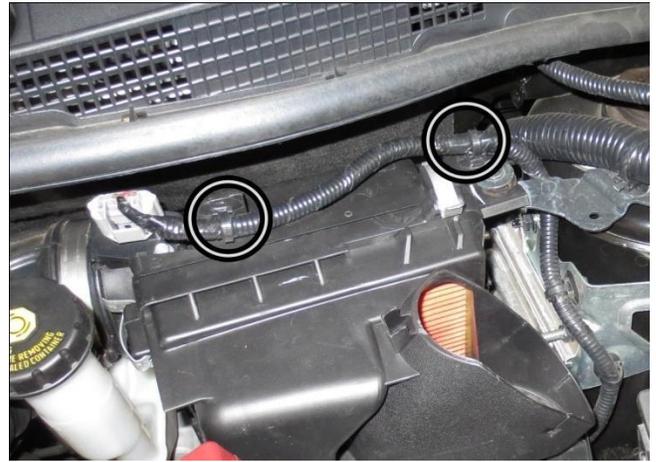
2. Remove the engine cover by lifting up at the front and rear of the cover.



3. Disconnect the negative and positive terminal from the battery. Remove the battery tie down strap. Carefully remove the battery from the engine bay.



4. Remove the bolts circled in the image above to remove the snorkel from the engine bay.



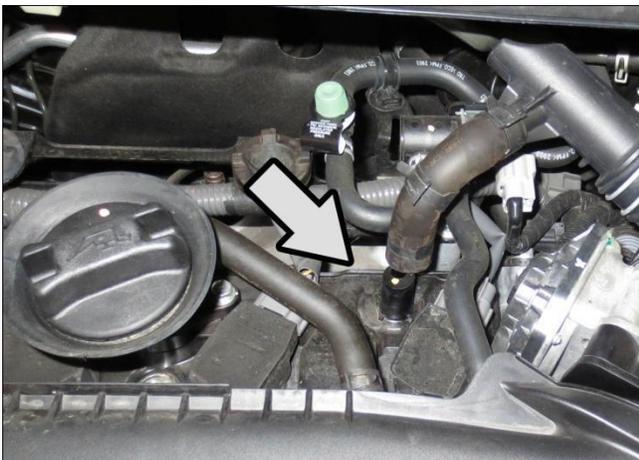
5. Disconnect the clips securing the mass air flow (MAF) sensor harness on the air box.



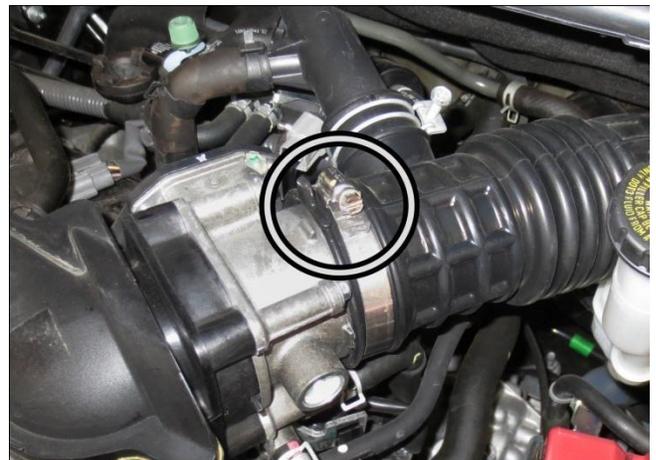
6. Disconnect the MAF sensor harness from the MAF sensor.



7. Loosen the hose clamp on the air box. Once it is loosened, carefully remove the air box from the engine bay.



8. Disconnect the breather hose from the valve cover using a pair of pliers.



9. Loosen the hose clamp on the throttle body, then remove the air hose from the engine bay.



10. Install the silicone coupler with the T-bolt clamps included with the HPS intake kit.



11. Transfer the MAF sensor from the factory air box onto the HPS intake pipe and fasten using the factory screws. Slide the air straightener into the intake pipe



12. Install the HPS filter onto the pipe.



13. Install the intake pipe onto the silicone coupler. Rotate the pipe so it is clear of any obstructions, then tighten down the T-bolt clamps. Install the breather hose onto the valve cover and the intake pipe. Trim to length if necessary.



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14. Connect the MAF sensor harness onto 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, 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.