



Performance Shortram Air Intake Kit

Part Number: 827-186

Nissan 2009-2014 Cube 1.8L

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: 827-186

Description	Prep	Part Number	Qty	Check
Intake Pipe	1	529-65	1	
Intake Bracket	2	530-64	1	
HPS Air Filter	3	HPS-4296	1	
Worm Gear Clamp for 5/8" Vacuum hose	4	EMSC-16-27	2	
T-Bolt Clamp for 2 3/4" Hose	4	SSTC-73-81	2	
2 3/4" ID Silicone Coupler x 2 1/2" Long	4	P3SC-275-L25	1	
5/8" EPDM Hose x 18" Long	4	EPDM-062	1	
6mm Flange Bolt x 12mm Long	4	HW-B6-12	1	
6mm Rubber Mount, Male to Female x 1" Tall	4	HW-RM6-100-MF	1	
6mm Rubber Mount x 1/2" Tall	4	HW-RM6-50	1	
4mm Allen Head Bolt x 8mm Long	4	HW-B4-8	2	
6mm Flange Nut	4	HW-N6	2	
6mm Flat Washer, Large O.D.	4	HW-FW6L	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 engine cover by removing the two M6 bolts with a 10mm socket. Remove 2 clips on the air snorkel along the radiator support using a flat-head (blade) screwdriver. Lift the snorkel up next to the battery to remove from the engine bay. Using a Phillips-head (cross) screwdriver, loosen the hose clamp on the throttle body.



3. Disconnect the mass air flow (MAF) sensor harness and remove the zip tie clipped onto the airbox .



4. Remove the battery tie down with a 10mm socket. Remove the battery from the car and place it in a safe location.



5. Use needle-nosed pliers to loosen the spring clamp for the breather hose on top of the valve cover. When loose, remove the breather hose from the valve cover, then the air box and inlet hose out of the engine bay.



6. Press the silicone coupler onto the throttle body along with the included T-bolt clamps. Tighten the T-bolt clamp on the throttle body.



7. Install the 1" tall male to female rubber mount onto the stud behind the engine computer



8. Remove the MAF sensor from the factory air box and install it onto the HPS intake pipe. Use the included M4 Allen Head bolts to secure the MAF sensor onto the intake pipe.



9. Install the intake pipe onto the coupler then install the HPS filter onto the intake pipe. Install the 1/2" tall rubber mount onto the threaded bung next to the MAF sensor and install the bracket included to the rubber mounts using the M6 flat washer and M6 flange nuts.

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.

