



Performance Shortram Intake Kit Part Number: 827-546

**Nissan 2007-2012 Altima 2.5L 4cyl
Nissan 2008-2013 Altima Coupe 2.5L 4cyl**

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: 827-546

Description	Prep	Part Number	Qty	Check
Intake Pipe	#1	529-217	1	
3" HPS air filter		HPS-4276	1	
heat shield kit		HS-404	1	
clamp for 3" heat shield		EMSC-80-100	1	
Intake Bracket	#2	530-218	1	
2.75 - 3.0 reducer, 2.25" length	#2	P3SR-275-300-L225	1	
T-Bolt clamp for 2.75"	#2	SSTC-73-81	1	
T-Bolt clamp for 3"	#2	SSTC-79-87	1	
6mm Bolt 12mm long	#2	HW-B6-12	1	
6mm Flat Washer 16mm OD	#2	HW-FW6L	1	
8mm Flat Washer 24mm OD	#2	HW-FW8L	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!

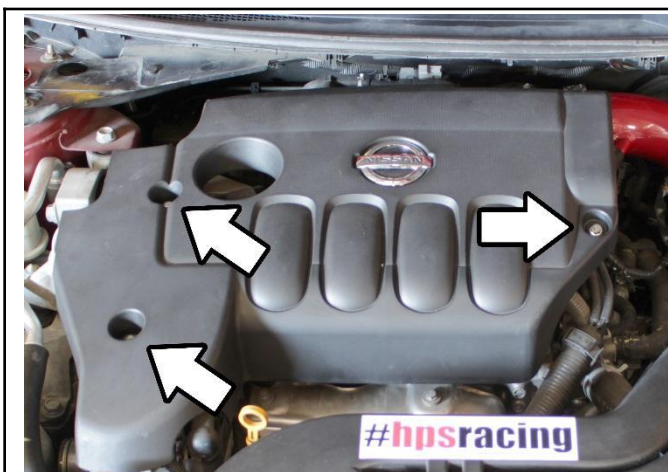
This installation is not for the novice customer. Install this system with EXTREME caution! Misuse of this product can destroy your engine! If you are not well versed in the installation of intakes and if you are not mechanically inclined, please have a tuner shop install this kit.

NOTE: HPS holds no responsibility for any engine damage that results from misuse of this product.

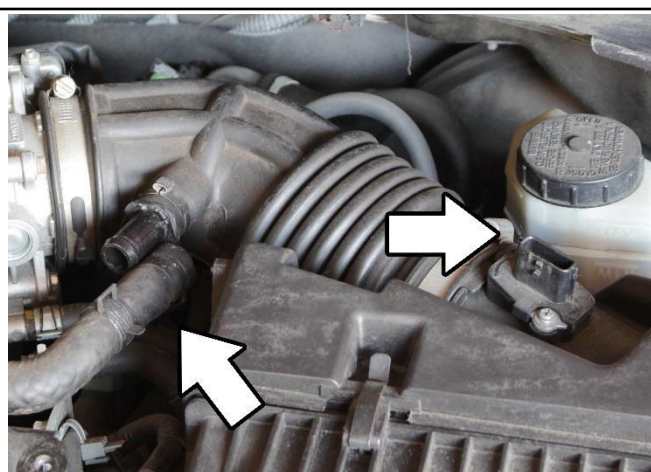
GETTING STARTED

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.

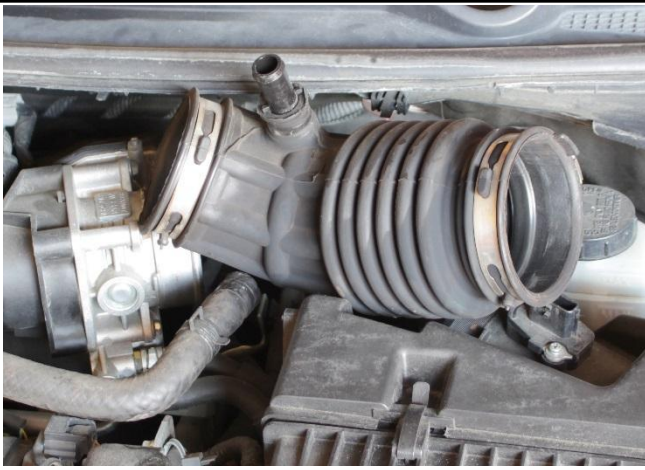
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



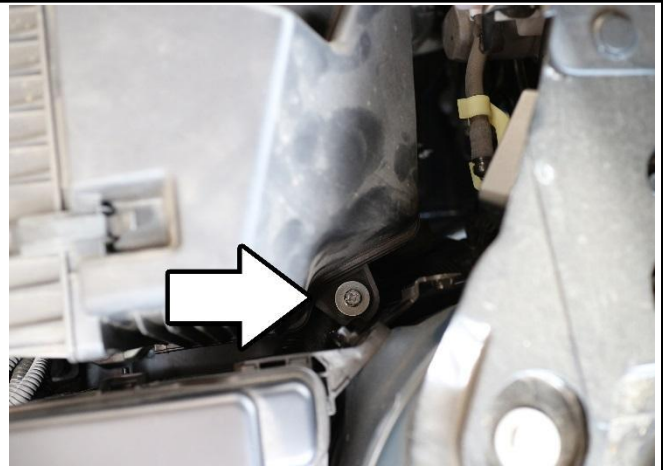
2. Remove the engine cover by unbolting the bolts indicated.



3. Disconnect the MAF sensor and clips holding the electrical connection. Next, use needle-nosed pliers to remove the spring clamp on the breather hose on the intake tube, then pull the tube out.



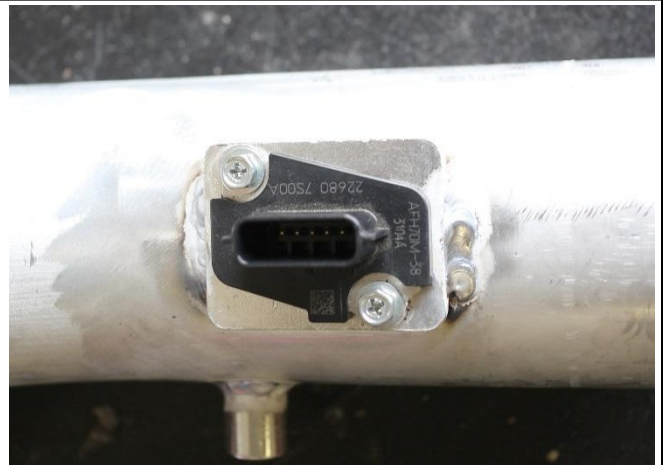
4. Loosen the clamps on the factory intake hose and remove hose.



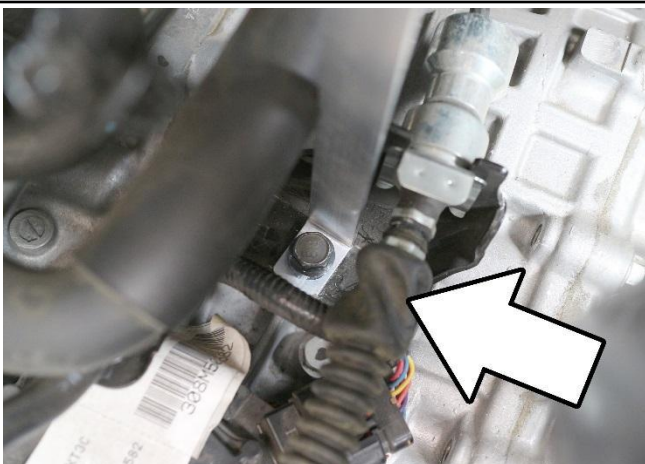
5. Locate the bolt at the rear of the air box and unbolt it. Then Remove the air box from the engine bay.



6. Press the coupler onto the throttle body, and secure it with the provided T-bolt clamp.



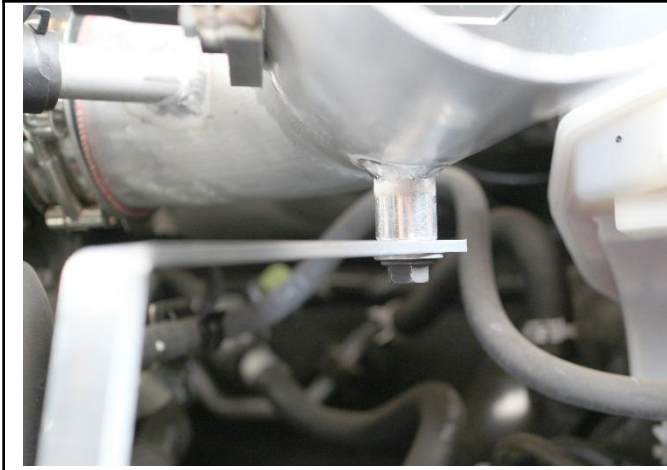
7. Remove the MAF sensor from the factory air box and install it onto the HPS intake pipe reusing the factory screws.



8. Locate the bolt shown in the picture on the factory shifter bracket, remove and re-use the bolt to secure the bracket.



9. Install the HPS intake pipe onto the throttle body and connect the factory breather hose onto the intake pipe.



10. Install the intake bracket using the hardware included.



11. Install HPS air filter onto the intake pipe and reconnect the MAF connector.

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 vehicle. 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 maybe 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.

