



Performance Shortram Air Intake Kit

Part Number: 827-530

2006-2008 Honda Ridgeline 3.5L V6

Installation Instruction

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 Material

Kit Number: 827-530

Description	Prep	Part Number	Qty	Check
Upper Air Intake Pipe	#1	529-172	1	
HPS Air Filter	#2	HPS-4298	1	
Intake Bracket	#3	530-173	1	
T-Bolt Clamp for 2.75" Hose	#3	SSTC-73-81	1	
T-Bolt Clamp for 3.50" Hose	#3	SSTC-95-103	1	
2.75" – 3.50" Reducer Coupler x 3" Long	#3	P3SR-275-350-L3	1	
6mm Rubber Vibration Mount, ½" Tall	#3	HW-RM6-50	1	
6mm Flange Bolt x 12mm Long	#3	HW-B6-12	1	
6mm Flange Nut	#3	HW-N6	1	
6mm Flat Washer, Large OD	#3	HW-FW6L	2	
13mm Vacuum Hose x 17" Long	#3	HTSVH127-BLK	1	
Hose Clamp for ½" Vacuum Hose	#3	EMSC-12-22	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 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. You must 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.



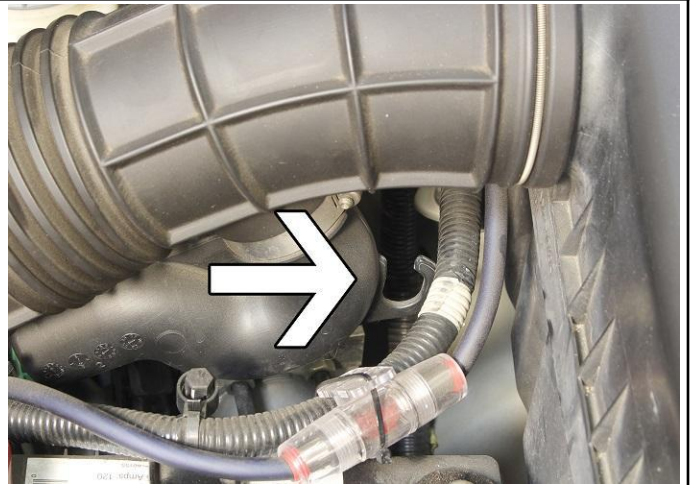
2. Loosen the 3 plastic screws in front of the engine cover by turning counter-clockwise 1/4 turn and remove the engine cover.



3. Disconnect the breather tube from the intake tube.



4. Loosen the hose clamp and disconnect the intake hose from the throttle body.



5. Unhook the battery cable hooked onto the air resonator next to the air box.



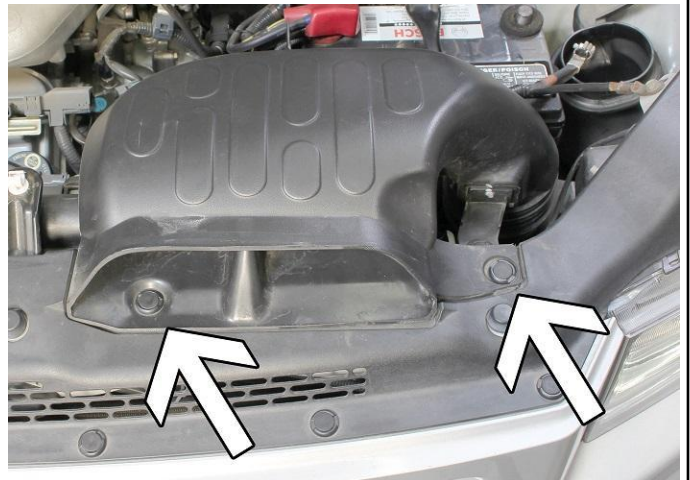
6. Disconnect the intake hose from the air box then remove it from the engine bay.



7. Loosen the 2 bolts holding the air box to the vehicle, then remove the air box from the engine bay.



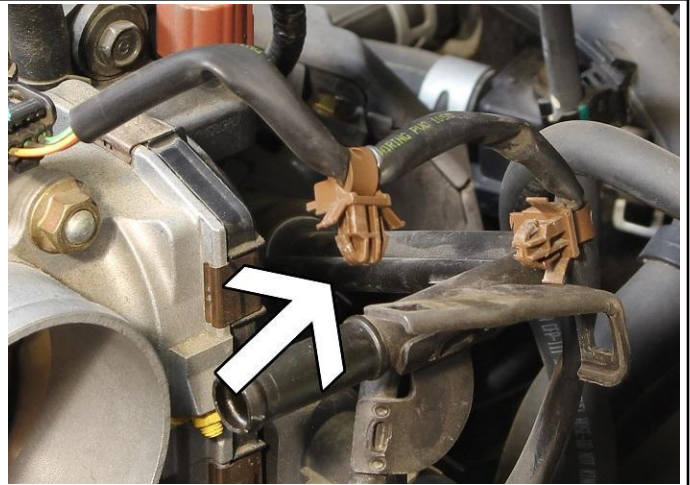
8. Loosen and remove the bolt on the air scoop as indicated by the arrow using a 10mm socket. Then remove the plastic rivet indicated by the circle.



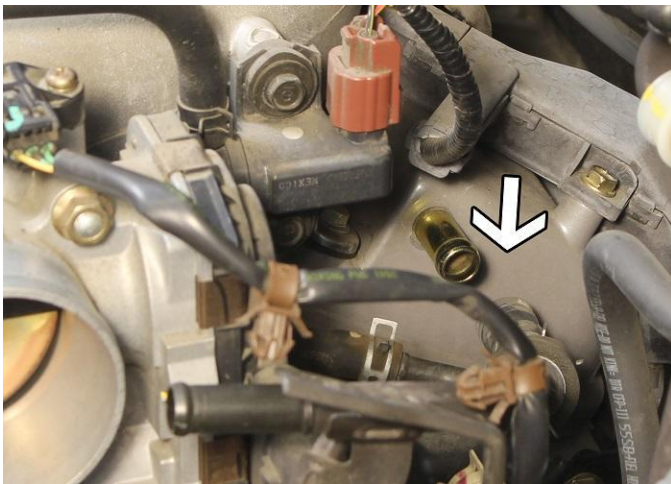
9. Remove the 2 plastic rivets on the air scoop as indicated in the photo.



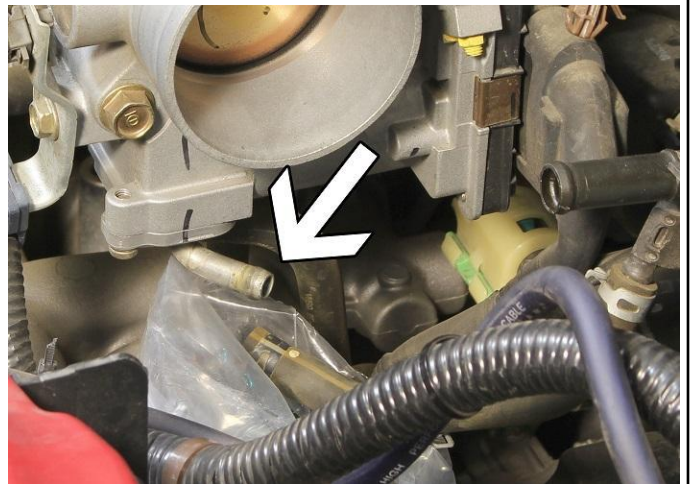
10. Remove the air scoop assembly from the engine bay.



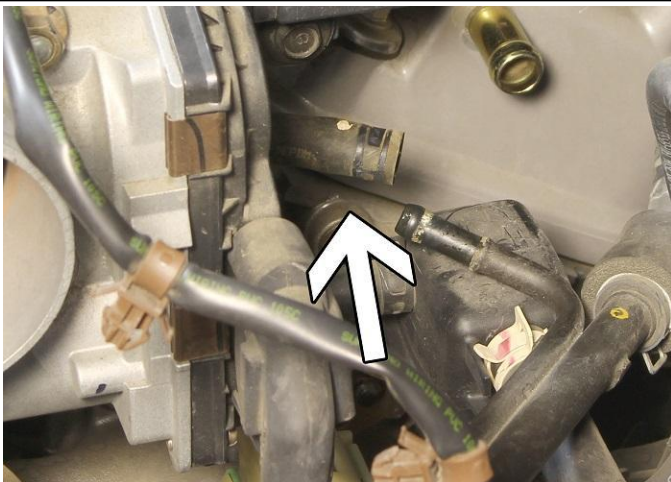
11. Unclip the cable from the breather pipe.



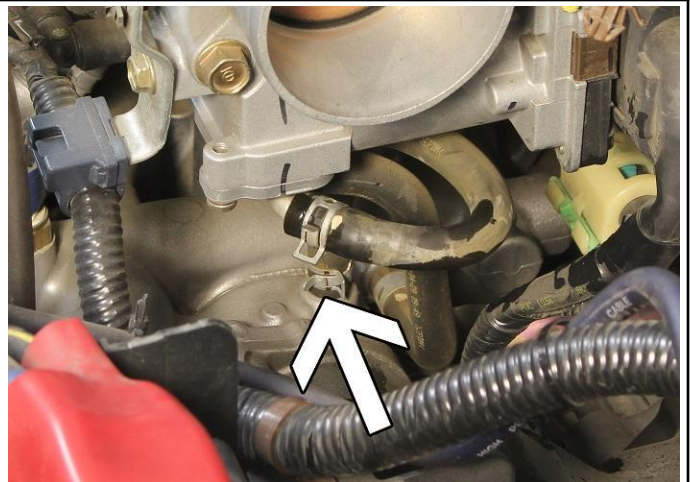
12. Disconnect the breather hose from the valve cover at the rear.



13. Remove the coolant hose from the throttle body.



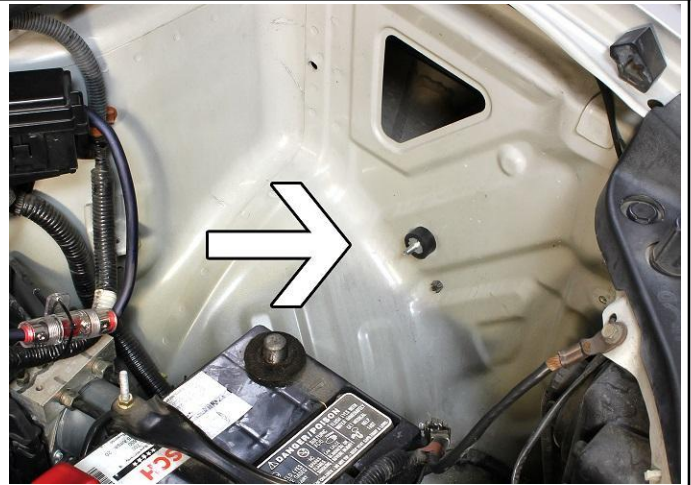
14. Disconnect the coolant hose on the other end of the breather tube.



15. Loop the coolant hose around and attach it to the fitting on the bottom of the throttle body.



16. Install the silicone coupler onto the throttle body with the corresponding T-Bolt clamp.



17. Install the rubber mount included in the hardware pack as shown in the picture.



18. Loosely install the intake bracket onto the rubber mount using a 6mm nut and washer.



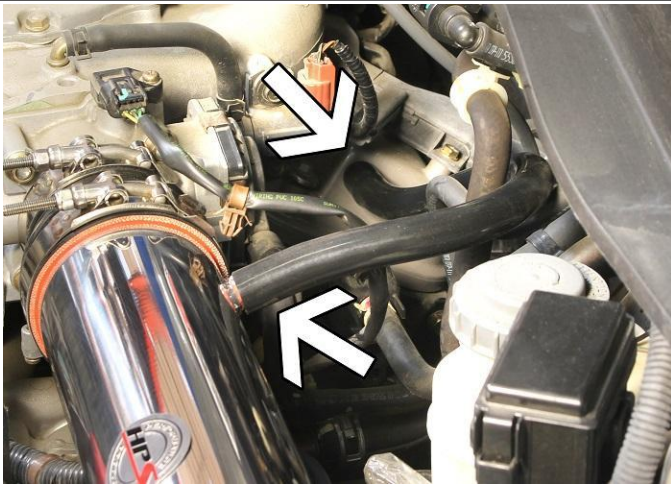
19. Install the air filter onto the intake pipe as show.



20. Place the t-bolt clamp on the large end of the silicone coupler, then press the intake pipe into the coupler.



21. Attach the intake pipe onto the bracket using the m6 bolt and washer included in the hardware pack.



22. Connect the breather hose included in the hardware pack to the rear valve cover and the port on the intake pipe.



23. Re-install the air scoop back onto the vehicle.

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 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.