



# Performance Shortram Air Intake Kit Part Number: 827-102

## Honda 2009-2013 Fit 1.5L

## 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: 827-102

Description	Prep	Part Number	Qty	Check
Intake Pipe	1	529-19	1	
HPS Air Filter	2	HPS-4295	1	
T-Bolt Clamp for 2.50" Hose	3	SSTC-67-75	2	
2.50" Silicone Coupler x 2.50" Long	3	P3SC-250-L25	1	
8mm Vacuum Hose x 8" long	3	HTSVH8-BLK	1	
Intake Bracket	3	530-20	1	
4mm Allen Bolt x 8mm long	3	HW-B4-8	2	
6mm Flat Washer x 16mm OD	3	HW-FW6L	2	
6mm Bolt x 12mm long	3	HW-B6-12	1	
6mm Bolt x 16mm long	3	HW-B6-16	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](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 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 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 battery by disconnecting the cables and tie down the bracket using a 10mm socket. Place the battery in a safe place.



3. Disconnect the mass air flow (MAF) sensor. Use a flat-head (blade) screwdriver to pry open the green clip holding the harness to the air box. Next, use needle-nosed pliers to pinch the spring clip that holds the vacuum tube to the air box and pull the tube out. Lastly, use a Phillips-head (cross) screwdriver to loosen the clamp that holds the air box to the throttle body.



4. Unbuckle the 4 clips and remove the upper portion of the air box. Using a 10mm socket, remove the 2 bolts circled in the picture. Then, remove the airbox from the engine bay.



5. Transfer the MAF sensor onto the new intake pipe, and use the provided 4mm Allen Head bolts to secure the sensor to the pipe.



6. Press the silicone coupler onto the throttle body and tighten one end down with a T-bolt clamp. Loosely put the second T-bolt clamp over the coupler and insert the intake pipe with the HPS air filter installed. Install the vacuum hose included with the kit onto the bung on the intake. Install the other end of the vacuum hose onto the factory vacuum tube. Connect the MAF sensor.



7. Using the mounting bracket for the stock air box, install the included "Z" bracket with a 6mm washer and the 6mm x 16mm long bolt. Install the other end of the bracket onto the intake pipe with the 6mm washer and 6mm x 12mm long bolt.

## 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 the Honda 2009-2013 Fit 1.5L !**



**Part Number: 57-1229 - MSRP: \$110.00**

**Contact an authorized HPS Performance Products dealer or visit us at  
[www.hpsperformanceproducts.com](http://www.hpsperformanceproducts.com) for more details**