



Performance Cold Air Intake Kit

Part Number: 837-568

**2015 - 2020 Honda Fit 1.5L
Manual Trans.**

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

Part Number: 837-568

Description	Prep	Part Number	Qty	Check
Shortram Air Intake Pipe	#1	529-274	1	
Cold Air Intake Pipe	#2	529-276	1	
HPS Air Filter		HPS-4295	1	
3/8" Barb Fitting, Male to Male	#3	HW-BF-038	1	
Clamp for 1/4" heater hose	#3	EMSC-8-12	2	
Clamp for 3/8" EPDM Hose	#3	EMSC-10-16	2	
T-Bolt Clamp for 2.5" Hose	#3	SSTC-67-75	4	
2.5" Silicone Coupler, 2.5" Long	#3	P3SC-250-L25	1	
2.5" Hump Hose, 3" Long	#3	P3SHC-250-L3	1	
3/8" EPDM hose, 17" long	#3	EPDM-038	1	
1/4" Heater Hose, 25" long	#3	HTHH-025	1	
Intake Bracket	#3	530-275	1	
Cold Air Bracket	#3	530-277	1	
6mm Bolt 12mm long	#3	HW-B6-12	2	
6mm Bolt 25mm long	#3	HW-B6-25	1	
6mm Flange Nut	#3	HW-N6	1	
6mm Flat Washer 16mm OD	#3	HW-FW6L	4	
Rubber Vibration Mount 6mm 1/2" Tall	#3	HW-RM6-50	1	
6.5mm ID x 13mm OD spacer 5mm tall	#3	94669A165	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 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.

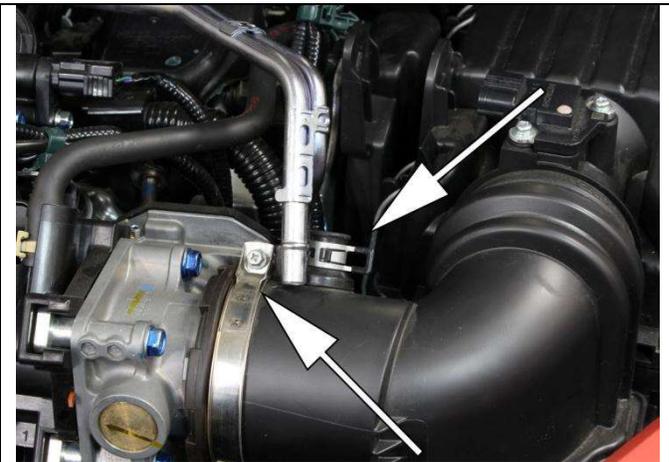
GETTING STARTED

1. 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 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. First, disconnect the Mass Air Flow (MAF) sensor harness from the MAF sensor. Next, unclip the green cable tie holding the MAF connector to the air box.



3. Remove the breather pipe from the intake tube and loosen the hose clamp on the throttle body.



4. Pull out the air duct hose from the duct inlet as shown.



5. Remove the two bolts securing the air box assembly, then remove the air box and duct from the engine bay.



6. Begin removing the coolant/breather pipe by removing the coolant hose at the throttle body. Use a pair of vice grips to minimize coolant leakage. You may use a rag to catch any coolant spilled.



7. Remove the other end of the breather pipe from the valve cover.



8. Remove the other end of the coolant hose from the engine. It will not be reused.



9. Use the 6mm hose included in the HPS intake kit to replace the coolant hose that was removed. The hoses are a tight fit and will not require clamps.



10. Press the silicone coupler onto the throttle body along with two T-bolt clamps, but only tighten the throttle body side for now.



11. Prepare the HPS intake pipe for installation by removing the MAF sensor from the stock air box, and installing it onto the intake pipe, reusing the Philips (cross) head screws.



12. Insert the HPS intake pipe into the silicone coupler.

13. Remove the front bumper. Refer to your factory service manual for detailed instructions.



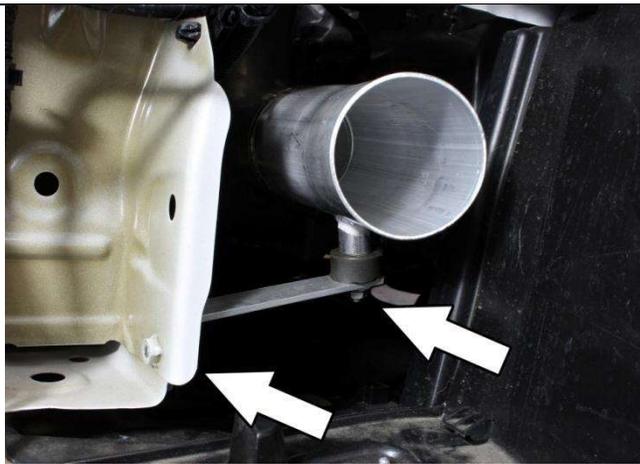
14. Remove the 2 bolts on the driver side of the of the vehicle, then remove the air resonator from the vehicle.



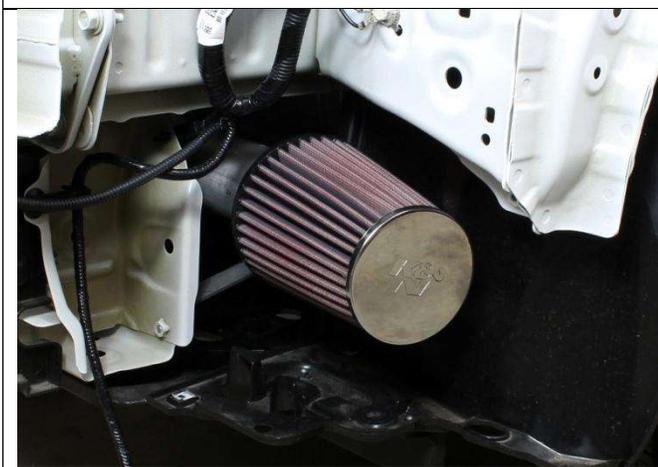
15. Prepare the cold air pipe for installation. Install the rubber vibration mount onto the threaded bung. Install the hump hose onto the other side of the pipe with the T-bolt clamps provided in the hardware pack.



16. Connect the cold air pipe to the short ram pipe.



16. Secure the cold air pipe at the bottom using a 6mm washer and nut at the rubber mount. Bolt the bracket to the chassis with a 6mm bolt and washer using the factory air resonator mounting location.



17. Install the HPS air filter onto the end of the intake pipe.

18. Reverse the steps in your factory service manual to reinstall the front bumper.



19. Press the provided barbed fitting into the breather port on the engine.



20. Install the EPDM hose, connecting it from the breather barb on the valve cover to the HPS intake pipe.

Final Steps

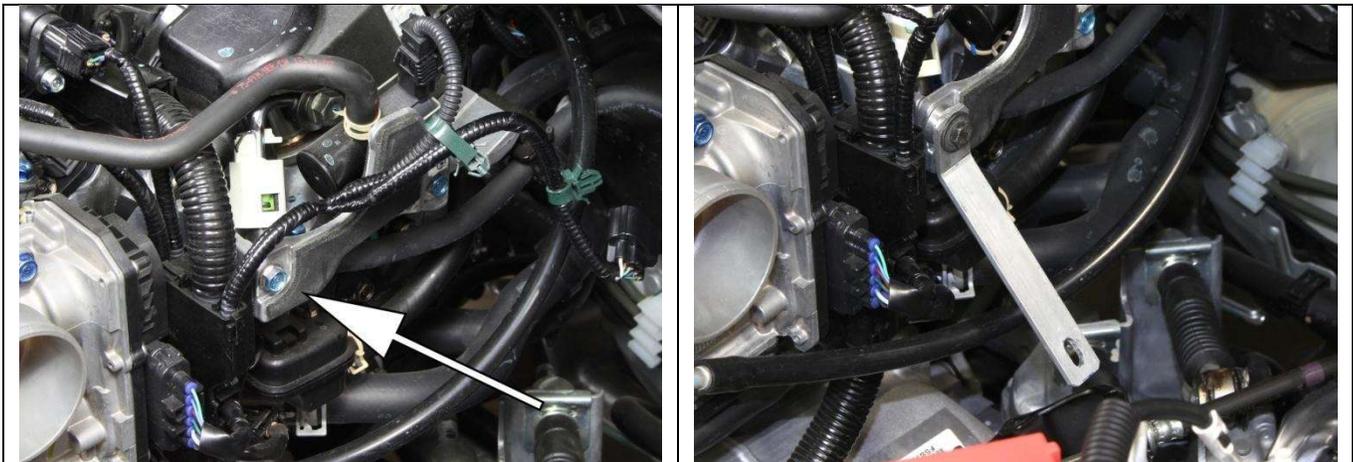
Once the intake has been positioned, tighten all of the clamps and secure all of the parts.

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.

Follow the steps below to convert the cold air intake into shortram intake kit setup



1. Remove the indicated bolt, as that location will be used for the shortram intake bracket.

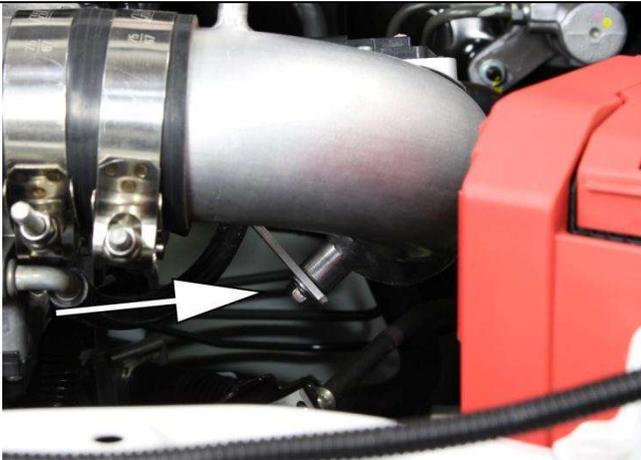
2. Use the m6 x 25mm long bolt and 5mm spacer to mount the intake bracket to the engine.



3. Press the silicone coupler onto the throttle body along with the two T-bolt clamps, but only tighten the throttle body side for now.



4. Press the HPS shortram intake pipe into the coupler, but do not tighten the T-bolt clamp yet as the pipe may need adjustment to mount to the bracket.



5. Mount the intake pipe to the bracket with the provided m6, 12mm long bolt and washer. Then, tighten the T-bolt clamp to secure the pipe.



6. Install the provided EPDM hose onto the breather ports on the engine and intake pipe. Reconnect the HPS air filter onto the intake pipe.

REMARK: Heat Shield is not included in the Cold Air Intake Kit. The optional heat shield can be purchased from HPS Performance Products directly. Part# HS-404P (Polish) or HS-404WB (Black)