



## **Performance Air Intake Kit Part Number: 827-704**

**2015-2020 Honda 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

## Kit Number: 827-704

Description	Prep	Part Number	Qty	Check
Air Intake Pipe	1	529-274	1	
Heat Shield	2	531-575	1	
Bracket #1	3	530-447	1	
Bracket #2	3	530-448	1	
HPS Performance Air Filter	4	HPS-4295	1	
2.50" Straight Coupler x 2.50" Long	5	P3SC-250-L25	1	
T-Bolt Clamp for 2.50" Hose	5	SSTC-67-75	2	
Hose Clamp for 3/8" EPDM Hose	5	EMSC-10-16	2	
Hose Clamp for 1/4" Heater Hose	5	FIC-11	3	
M6 Bolt x 12mm Length	5	HW-B6-12	1	
M6 Bolt x 16mm Length	5	HW-B6-16	2	
M6 Flat Washer X 16mm OD	5	HW-FW6L	6	
M6 Flange Nut	5	HW-N6	3	
Rubber Vibration Mount M6 x 1/2" Tall	5	HW-RM6-50	1	
1/4" Heater Hose x 18 Inches Long	5	HTHH-025-BLK	1	
3/8" EPDM Hose x 17 Inches Long	5	EPDM-038	1	
3/8" Barb Fitting, Male to Male	5	HW-BF-038	1	
5/16" Barb Fitting, Male to Male	5	HW-BF-032	1	
Bubble Edge Trim x 34 inches	5	Bubble Edge Trim	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.

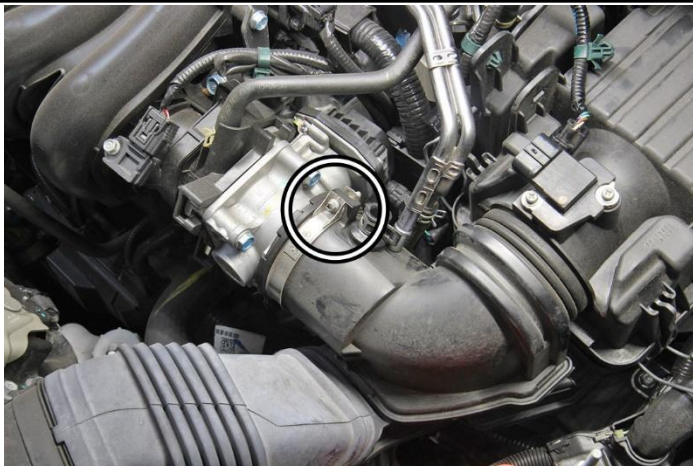
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



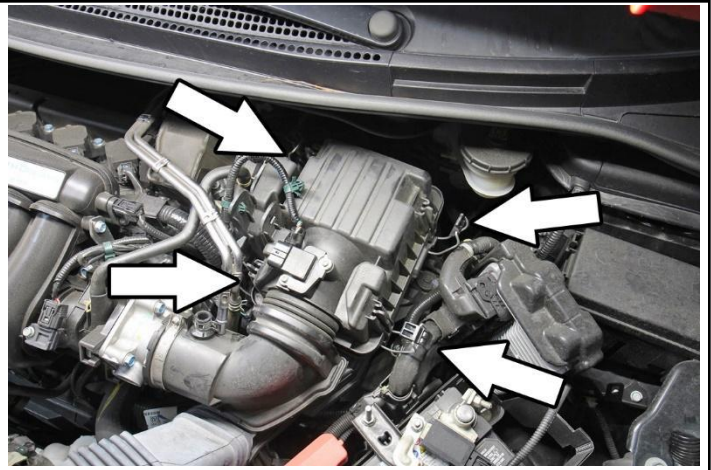
2. Disconnect the mass air flow harness connector and remove the electrical harness clips from the upper air box assembly.



3. Depress the hose clamp securing the breather pipe from the stock intake tube and remove the breather pipe.



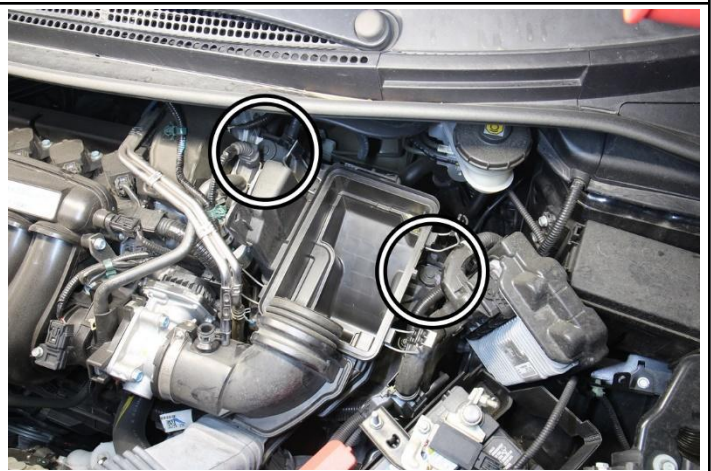
4. Loosen the hose clamp securing the intake tube from the throttle body.



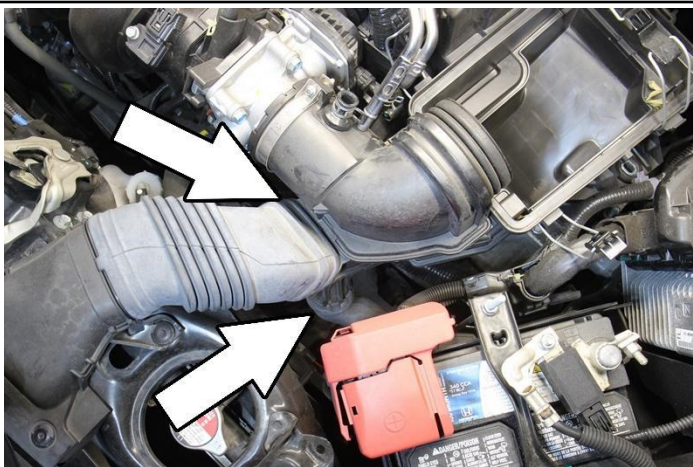
5. Disconnect the four retaining clips securing the upper air box assembly.



6. Disconnect and remove the upper air box assembly from the factory intake tube.



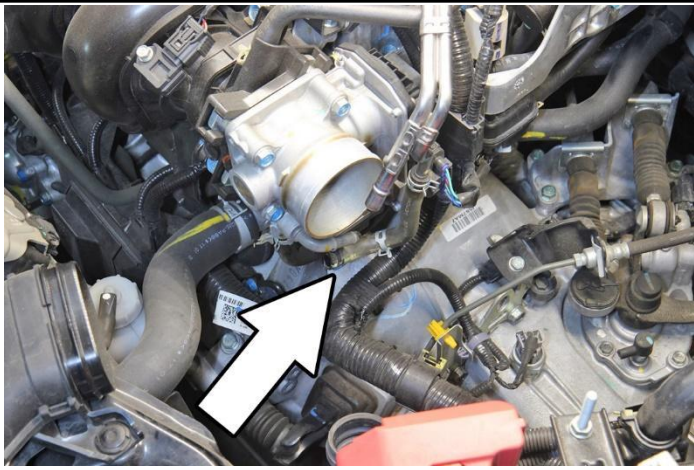
7. Remove the two 10mm bolts securing the lower air box assembly.



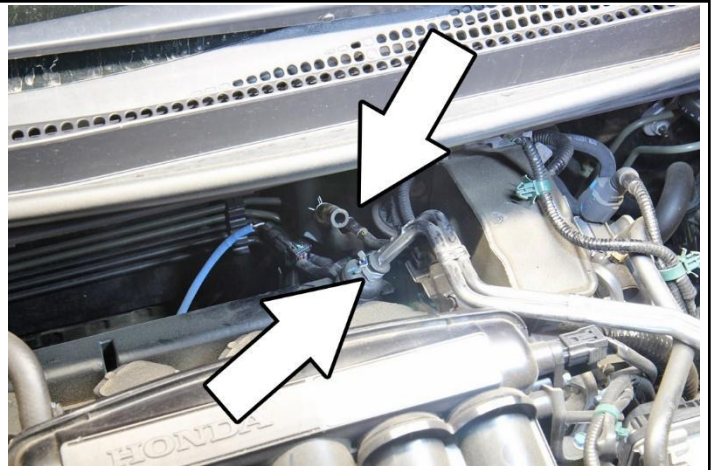
8. Disconnect the factory air duct and resonator air hose from the lower air box assembly.



9. Remove the lower air box assembly from the vehicle.



10. Loosen the hose clamp and remove the coolant hose from the throttle body. Use a small bag to catch any residual coolant.



11. Disconnect the other end of the coolant hardline from the coolant hose. Disconnect the breather hardline from the breather hose.



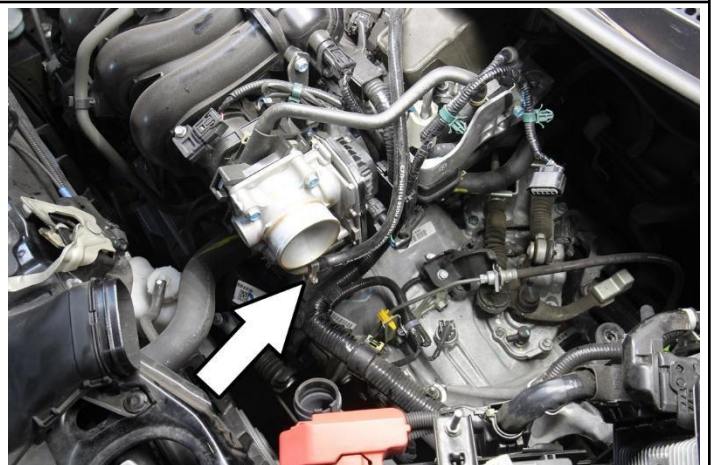
12. Remove the coolant and breather hardline assembly from the vehicle.



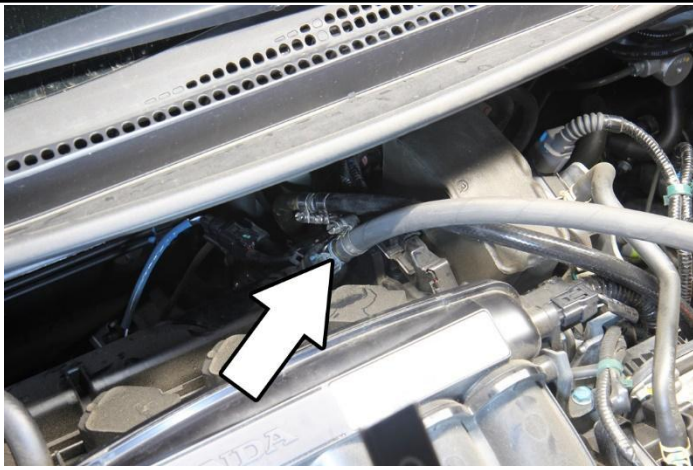
13. Insert the provided 5/16" barb fitting into the 1/4" heater hose and secure the hose using a FIC-11 clamp.



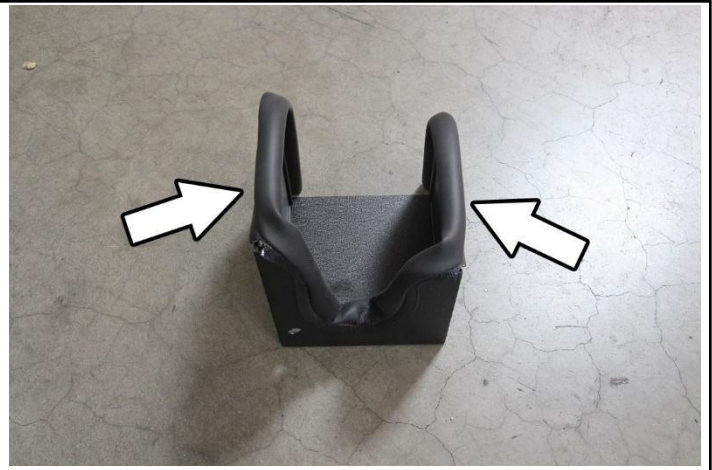
14. Using another FIC-11 clamp, insert the clamp onto the factory coolant hose. Insert and secure the other end of the 5/16" barb into the factory hose.



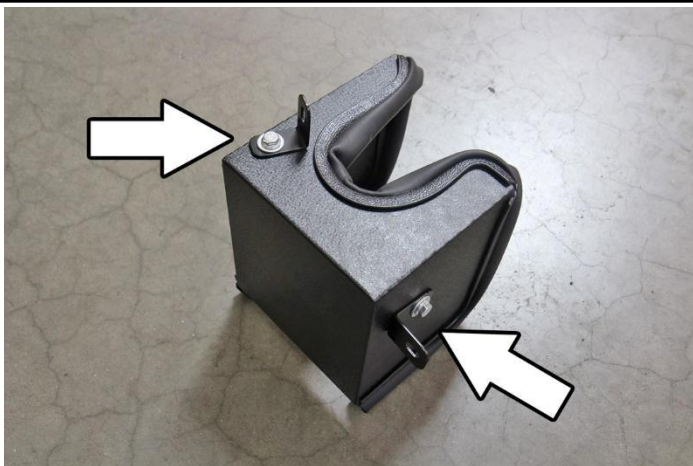
15. Insert and secure the other end of the 1/4" heater hose into the throttle body using the provided FIC-11 clamp.



16. Insert and secure the provided 3/8" barb fitting into the 3/8" EPDM hose using an EMSC-10-16 clamp. Insert the other end of the 3/8" barb fitting into the breather hose.



17. Install the provided bubble edge trim onto the heat shield.



18. Install the provided smaller "L" bracket onto the front of the heat shield with the long section against the heat shield. Install the bigger "L" bracket onto the side of the heat shield with the longer section of the bracket against the heat shield. Secure both brackets using the provided M6x16mm bolts, nuts, and washers. Keep both brackets loose for adjustments later into the installation.



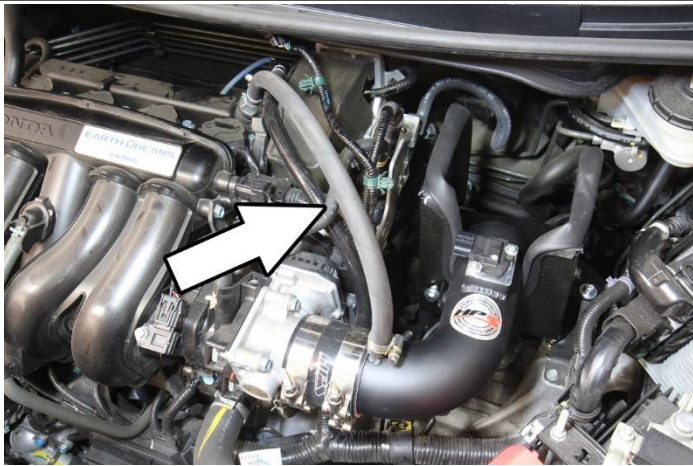
19. Insert the heat shield into the vehicle and secure the bracket onto the factory air box mount using the provided M6x12mm bolt and washer.



20. Insert the provided 1/2" vibration mount onto the intake bung. Remove the mass air flow sensor from the upper air box assembly and secure the sensor into the HPS intake pipe using the factory bolts.



21. Insert the HPS intake pipe onto the heat shield and into the coupler. Secure the vibration mount onto the small "L" bracket. Position the heat shield and intake and secure all the brackets and clamps.



22. Insert and secure the EPDM hose onto the breather bar using the provided EMSC-10-16 clamp.



23. Reconnect the MAF sensor harness connector.



24. Install the provided HPS performance air filter.

### Final Steps

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

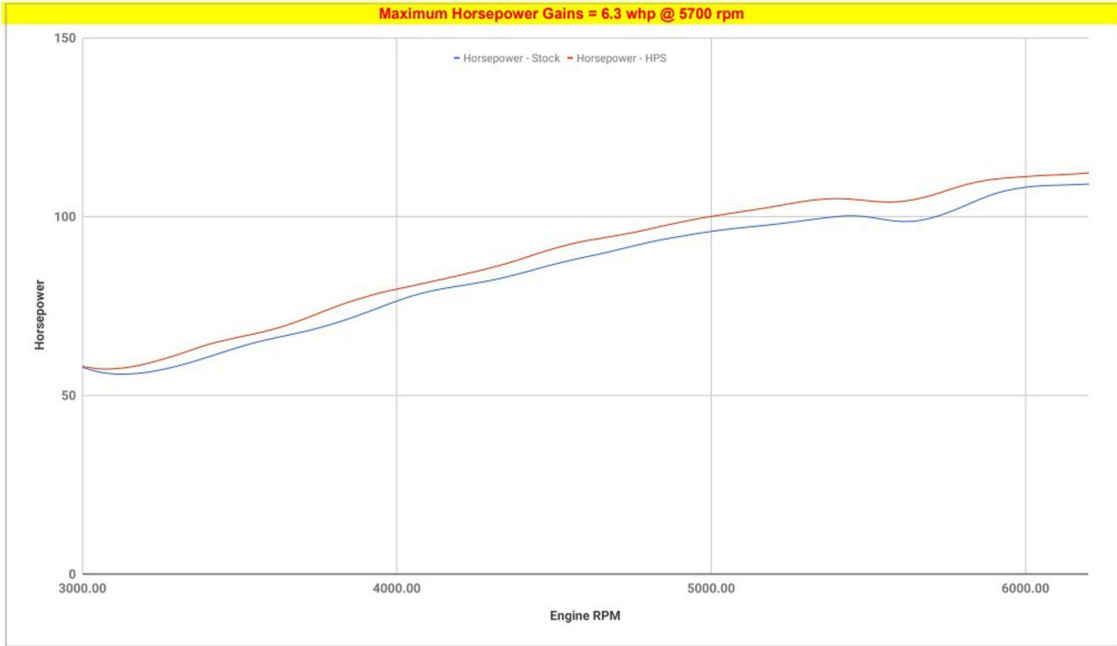
Upon completion of the installation, reconnect the negative battery terminal before you start the engine. Double check to make sure everything is tight and properly positioned before starting the vehicle.

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 Performance Air Intake Kit with Heat Shield (827 Series)  
2015-2018 Honda Fit 1.5L  
Part Number: 827-704

Maximum Horsepower Gains = 6.3 whp @ 5700 rpm



HPS Performance Air Intake Kit with Heat Shield (827 Series)  
2015-2018 Honda Fit 1.5L  
Part Number: 827-704

Maximum Torque Gains = 5.1 ft/lb @ 3850 rpm

