



Performance Air Intake Kit

Part Number: 827-621

**2016-2022 Honda Pilot 3.5L
2017-2022 Honda Ridgeline 3.5L
2019-2022 Honda Passport 3.5L**

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: 827-621

Description	Prep	Part Number	Qty	Check
Air Intake Pipe	1	529-380	1	
Heat-Shield	2	531-381	1	
Bracket #1	3	530-376	1	
Bracket #2	3	530-377	1	
HPS Air Filter	4	HPS-4298	1	
3.25" – 3.50" Reducer x 3" Long	5	HTSR-325-350-BLK	1	
T-Bolt Clamp for 3.25" Hose	5	SSTC-86-94	1	
T-Bolt Clamp for 3.50" Hose	5	SSTC-89-97	1	
M4 bolts	5	HW-B4-8	2	
Clamp for 16mm EPDM Hose	5	EMSC-16-27	2	
Clamp for 8mm Heater Hose	5	FIC-13	2	
6mm Bolt x 12mm long	5	HW-B6-12	1	
6mm Bolt x 16mm long	5	HW-B6-16	1	
6mm Flange Nut	5	HW-N6	2	
6mm Flat Washer x 16mm OD	5	HW-FW6L	4	
Rubber Vibration Mount 6mm x 1/2" Tall	5	HW-RM6-50	1	
Rubber Vibration Mount M6 x 3/4" Tall Male to Female	5	HW-RM6-75-MF	1	
Male to Male 8mm Brass Barb	5	HW-BF-032	1	
8mm Heater Hose x 20" inches	5	HTHH-032-BLK	1	
Vacuum Hose 5/8" x 15" inches	5	HTSVH159-BLK	1	
Thin Edge Trim x 14" inches	5	Thin Edge Trim	1	
Edge Trim with Bulb x 51" inches	5	Edge Trim with Bulb	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!

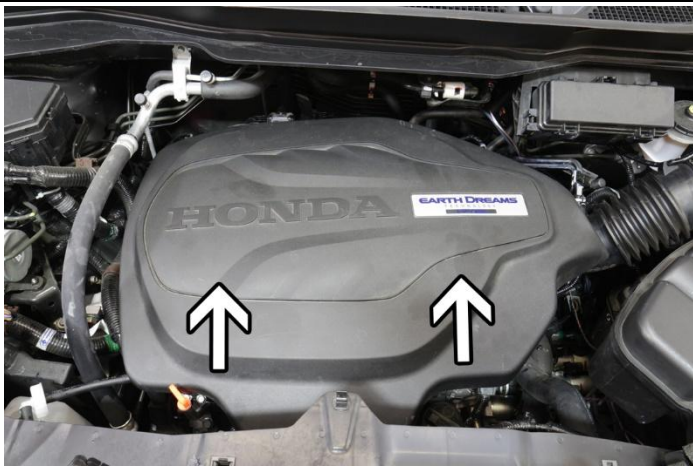
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

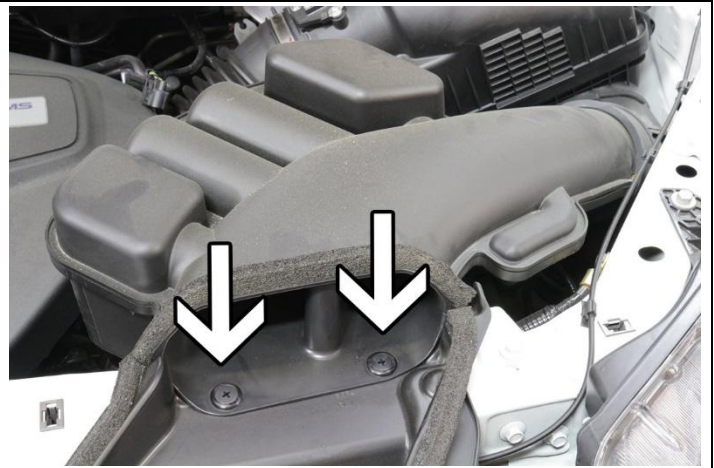
GETTING STARTED

1. 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.

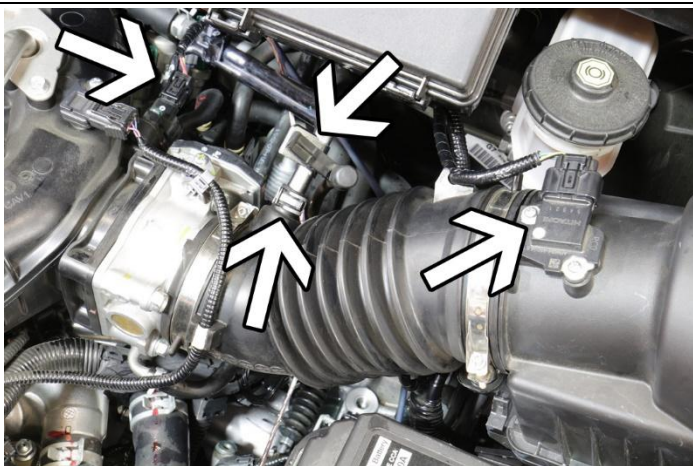
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your vehicles' anti-theft code cannot be recovered, contact an authorized dealership to obtain your vehicle's anti-theft code. We also highly recommend NOT discarding any stock parts after the installation.



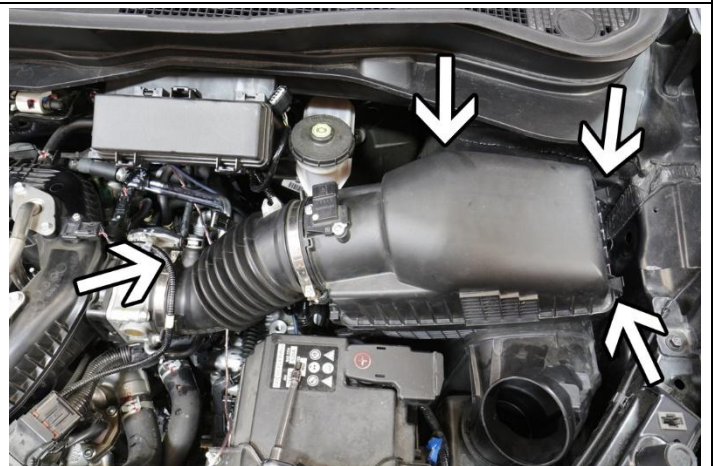
2. Lift firmly and remove the engine cover from the vehicle.



3. Loosen and remove the two clips securing the air duct, then remove the air duct from the air box.



4. Remove the Mass Air Flow sensor connector harness from the MAF sensor. Loosen the breather hose clamp and remove the breather pipe hardline from the intake hose. Remove any other clips that are connected to the hard line.



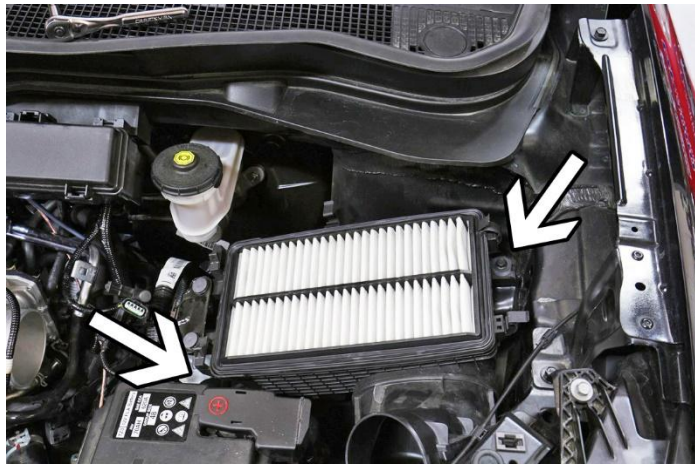
5. Unclip the three retaining clips securing the air box, then loosen the hose clamp securing the intake tube from the throttle body.



6. Remove the stock intake tube along with the top portion of the air box from the vehicle.



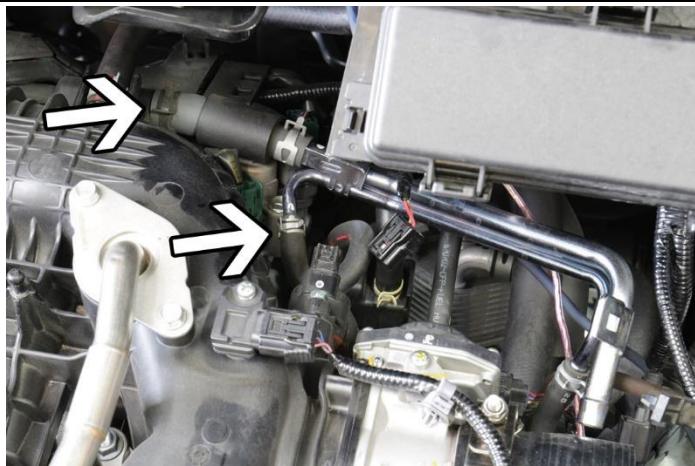
7. Depress each latch and remove the wiring harnesses from the air box bracket.



8. Remove the two 10mm bolt securing the lower air box and remove the air box assembly from the vehicle.



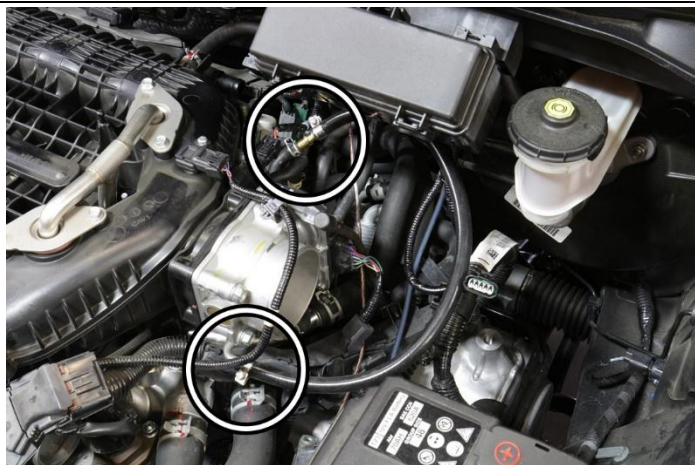
9. Loosen the hose clamp securing the coolant hose on the throttle body. When removing the hose, use a small zip lock bag to catch any coolant leaking from the throttle body or hose.



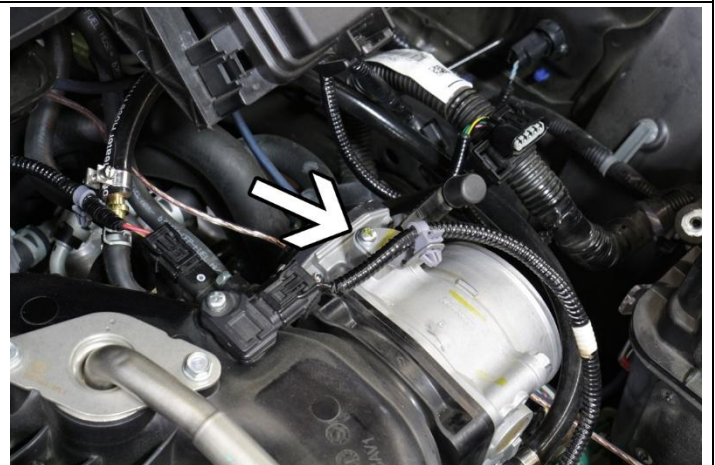
10. Loosen the hose clamps securing the breather hose and the coolant hose from the hard lines.



11. Remove the breather and coolant hard line assembly from the vehicle.



12. Attach and secure the provided 8mm barb onto the heater hose provided in the kit. Install the other end of the barb onto the coolant hose closest to the firewall and the other end onto the throttle body. Secure the hose onto the throttle body and barb using the provided FIC-13 clamp.



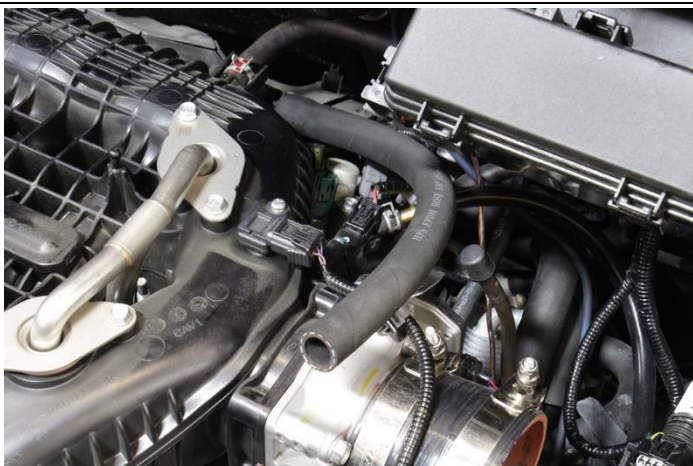
13. Loosen and remove the screw securing the harness bracket located on the throttle body.



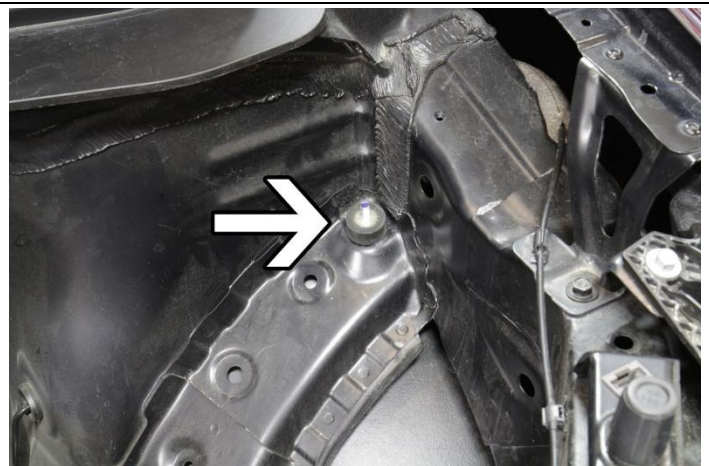
14. Re-using the screw removed from the previous step, install the provided bracket on top of the harness bracket. Install the transmission breather hose onto the bracket.



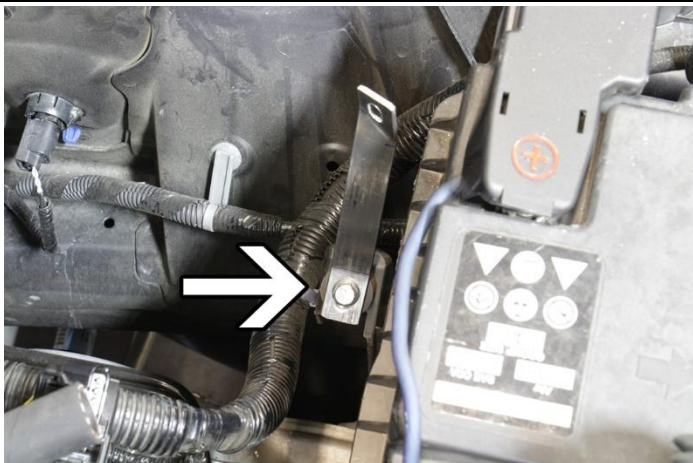
15. Install the reducer coupler onto the throttle body along with the provided t-bolt clamps.



16. Install the provided vacuum hose onto the breather barb along with the two EMSC clamps.



17. Install the 1/2 vibration mount onto the stock air box slot.



18. Install the male to female vibration mount onto the other air box mount located near the battery. Install the heat-shield bracket and secure the bracket with the provided M6x12 bolt and washer.



19. Install the bubble edge trim on the outer part of the heat-shield and the thin edge trim onto the opening of the heat-shield.



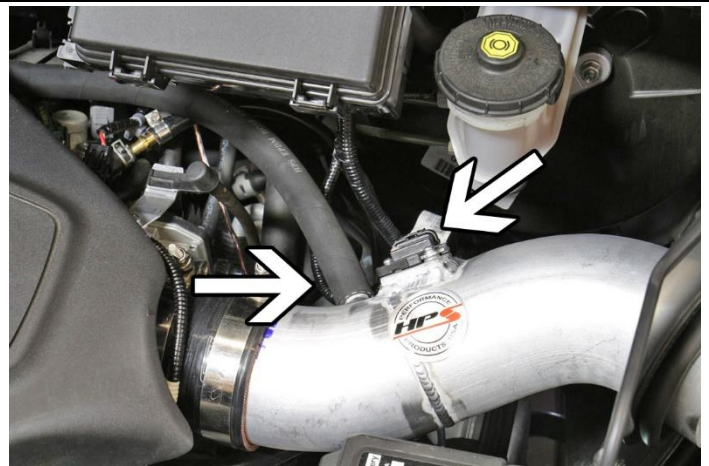
20. Install the Mass Air Flow sensor onto the HPS intake.



21. Insert the HPS intake into the reducer coupler, but do not secure the intake yet.



22. Insert the intake into the heat-shield. Secure the heat-shield onto the bracket and the vibration mount using the remaining M6x16 bolt, nuts, and washers. Once secured, position the intake to the proper position and secure the intake pipe.



23. Re-connect the MAF sensor connector harness back onto the sensor and insert the vacuum hose onto the intake barb.



24. Install the provided HPS filter onto the HPS intake pipe.



25. Re-install the air duct and the engine cover 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. 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) is now available for

2016-2022 Honda Pilot 3.5L V6

2017-2022 Honda Ridgeline 3.5L V6

2019-2022 Passport 3.5L V6

Part Number: 57-1677

