



Performance Air Intake Kit

Part Number: 837-575

2015-2017 Ford Mustang Ecoboost 2.3T

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

Part Number: 837-575

Line #	Description	Part Number	Qty
1	Main Air Intake Pipe	529-293	1
2	Cold Air Extension Pipe	529-294	1
3	HPS Air Filter	HPS-4299	1
4	Intake Bracket	530-295	1
5	3.5" Coupler x 2.5" Long	P3SC-350-L25	1
6	2.25" - 3.5" Reducer x 3" Long	P3SR-225-350-L3	1
7	T-Bolt Clamp for 2.25" Hose	SSTC-63-71	1
8	T-Bolt Clamp for 3.5" Hose	SSTC-89-97	2
9	T-Bolt Clamp for 3.5" Hose	SSTC-95-103	1
10	8mm Bolt 16mm long	HW-B8-16	1
11	6mm Flange Nut	HW-N6	1
12	6mm Flat Washer 16mm OD	HW-FW6L	1
13	8mm Flat Washer 24mm OD	HW-FW8L	1
14	Rubber Vibration Mount 6mm 1/2" Tall	HW-RM6-50	1
15	12mm Rubber Grommet	HW-RG12	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!

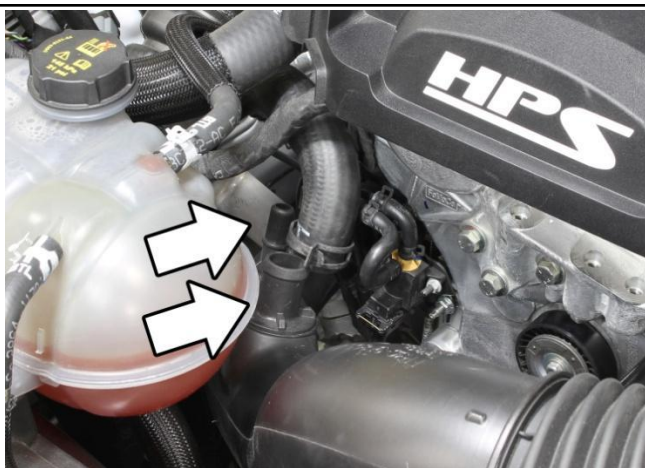
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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.

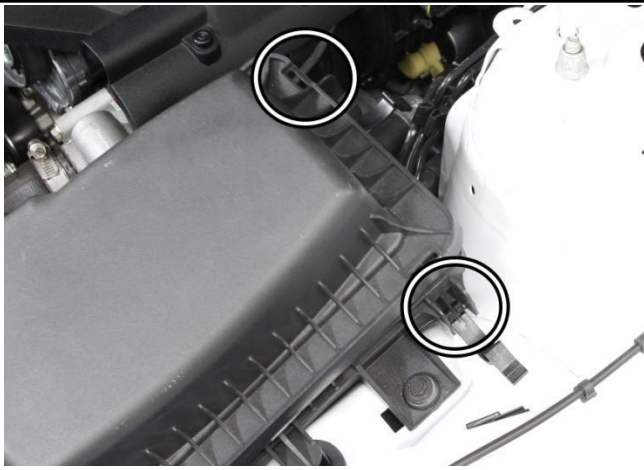
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



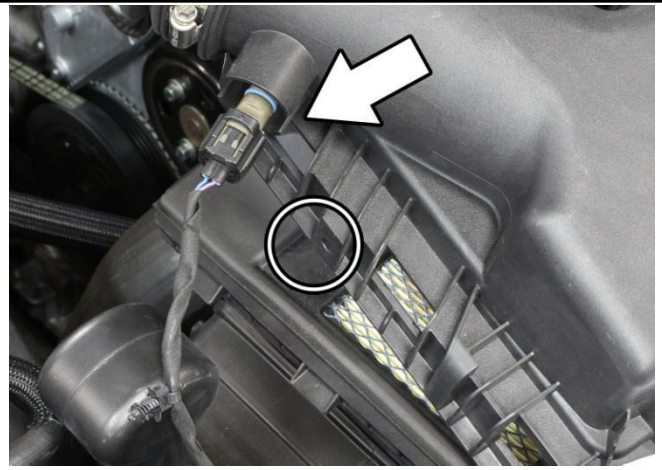
2. Disconnect the bypass valve recirculation hose and PCV connector from the factory intake elbow.



3. Use a flat-head (blade) screwdriver to loosen the clamp on the intake elbow on the turbo air inlet.



4. Unbuckle the clips on the air box.



5. Twist off the intake air temperature sensor from the air box. Next, pull off the cable tie from the air box indicated in the circle.



6. Remove the air box and intake elbow from the engine bay.



7. Remove the bolt attaching the lower portion of the air box to the body using a 10mm socket.



8. Remove the lower portion of the air box from the engine bay.



9. Install the silicone reducing coupler onto the turbo inlet along with the T-Bolt clamps included. Then install the HPS intake pipe onto the silicone coupler.



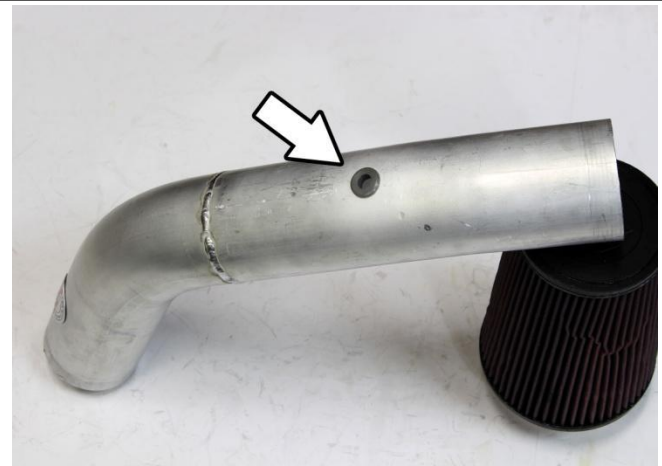
10. Clip in the PCV connector onto the port on the HPS intake pipe.



11. Re-attach the bypass valve re-circulator hose onto the HPS intake pipe.



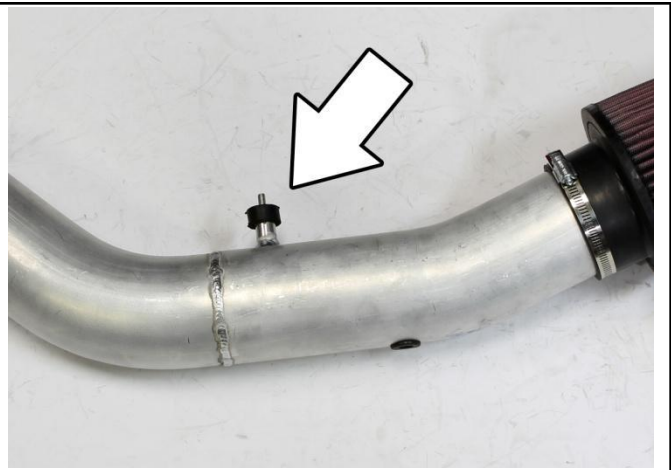
12. Install the straight silicone coupler onto the end of the first HPS intake pipe.



13. Install the rubber grommet onto the second intake pipe.



14. Install the new HPS air filter onto the second intake pipe as shown.



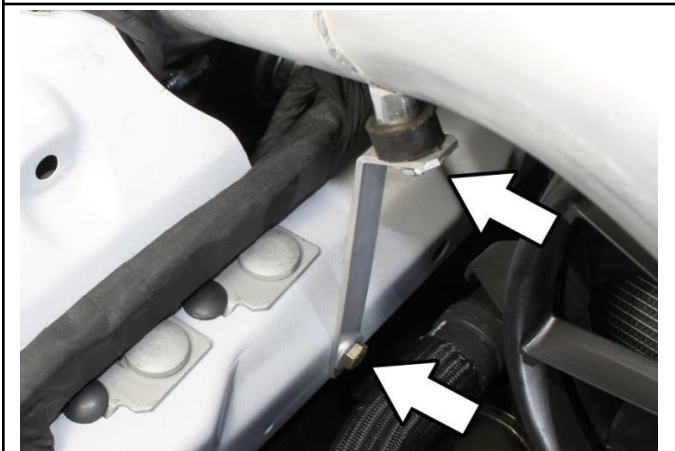
15. Install the rubber vibration mount onto the threaded bung on the second intake pipe.



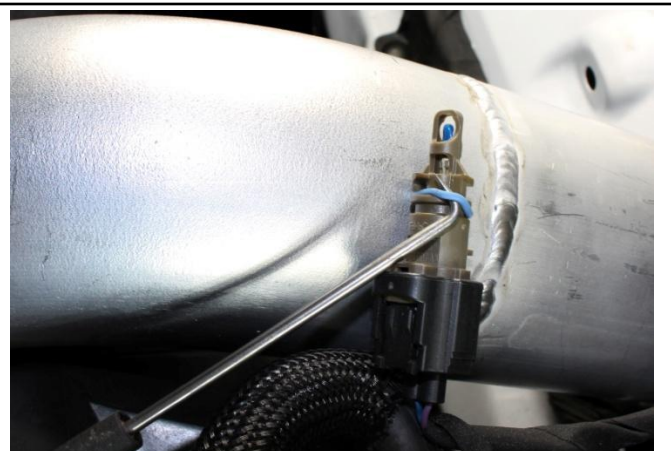
16. Feed the second intake pipe with the HPS filter attached down through the opening behind the driver side taillight.



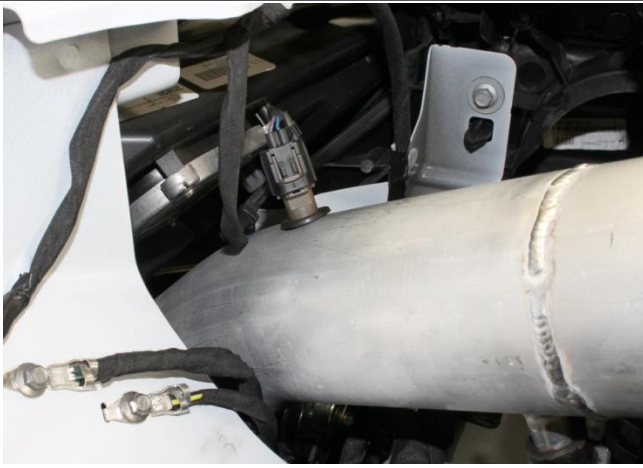
17. Attach the HPS intake pipe to the silicone coupler, connecting the two pipes together.



18. Install the intake bracket using an 8mm bolt and washer at the bottom, and a 6mm nut and washer on the rubber mount attached to the intake pipe.



19. Carefully remove the rubber o-ring on the air temperature sensor.



20. Carefully install the air temperature sensor through the rubber grommet on the intake pipe.

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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.

