



## Performance Shortram Air Intake Kit

### Part Number: 827-535

**2008-2015 Mitsubishi EVO X 2.0L Turbo**

## 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: 827-535

Description	Prep	Part Number	Qty	Check
HPS Intake Pipe	1	529-179	1	
HPS Air Filter	2	HPS-4276	1	
Heat Shield	2	531-181	1	
T-Bolt Clamp for 2.75" Hose	3	SSTC-73-81	1	
T-Bolt Clamp for 3" Hose	3	SSTC-79-87	1	
Worm Gear Clamp for 1.25" Hose	3	EMSC-30-45	2	
2.75" to 3" Reducer x 3" Long	3	P3SR-275-300-L3	1	
1.25" Coupler x 2" Long	3	HTSC-125-L2	1	
Intake Bracket	3	530-180	1	
Rubber Vibration Mount, 1" Tall	3	HW-RM6-100	1	
6mm Flange Bolt, 12mm Long	3	HW-B6-12	1	
6mm Flange Bolt, 16mm Long	3	HW-B6-16	1	
6mm Flange Nut	3	HW-N6	2	
6mm Flat Washer, Large OD	3	HW-FW6L	4	
4mm Allen Bolt, 8mm Long	3	HW-B4-8	2	

- 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!**

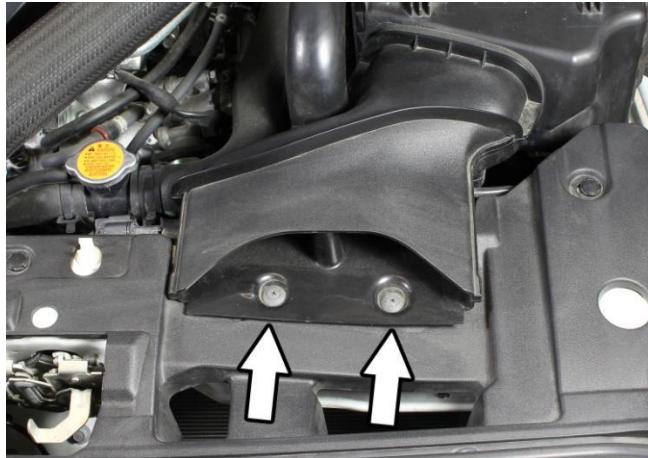
This installation is not for the novice customer. Install this system with EXTREME caution! Misuse of this product can destroy your engine! If you are not well versed in the installation of intakes and if you are not mechanically inclined, please have a tuner shop install this kit.

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

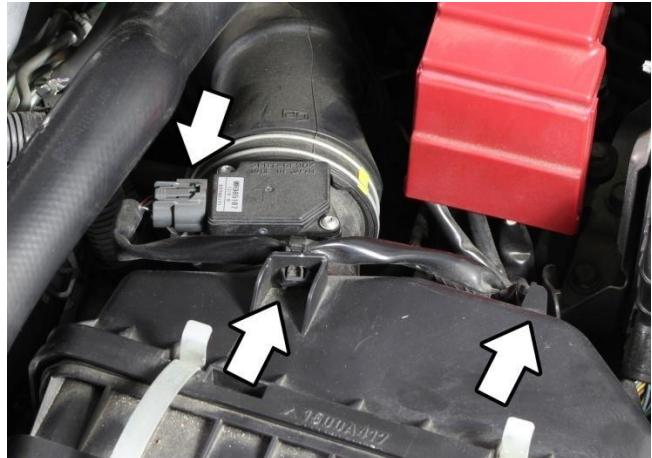
### **GETTING STARTED**

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.

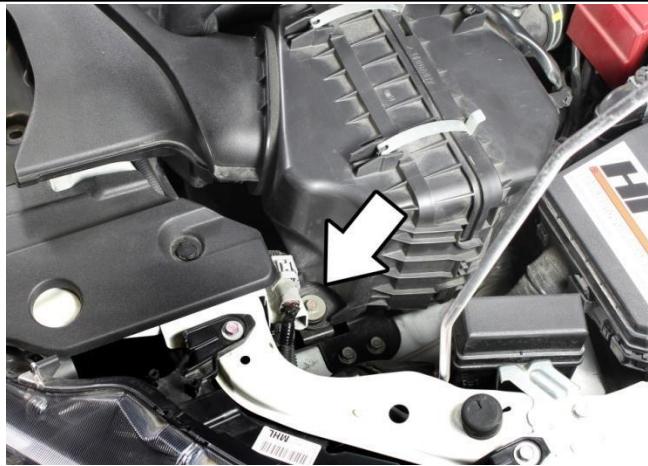
**NOTE:** Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



2. Unscrew the 2 plastic rivets securing the air duct.



3. Unplug the Mass Air Flow (MAF) sensor harness, and unclip the harness from the air box.



4. Remove the bolt securing the air box assembly using a 6mm socket.



5. Loosen the clamp securing the air intake tube to the air box. Then, remove the air box assembly.



6. Remove the BOV from the intake tube by loosening the hose clamp with a 10mm wrench.



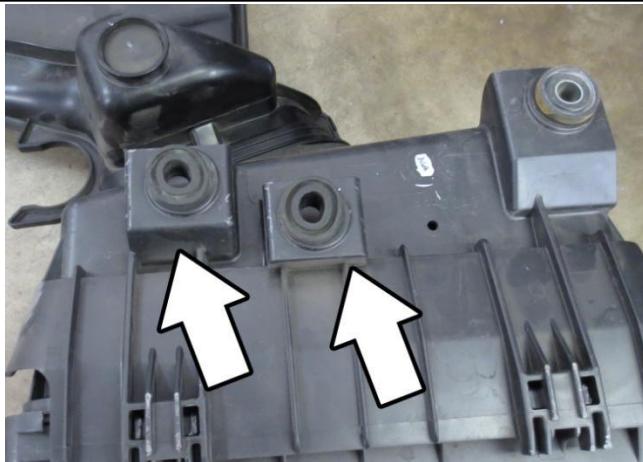
7. Disconnect the breather and vacuum hoses from the intake tube.



8. Loosen the clamp securing the intake tube to the turbo inlet. Then, remove the tube from the engine bay.



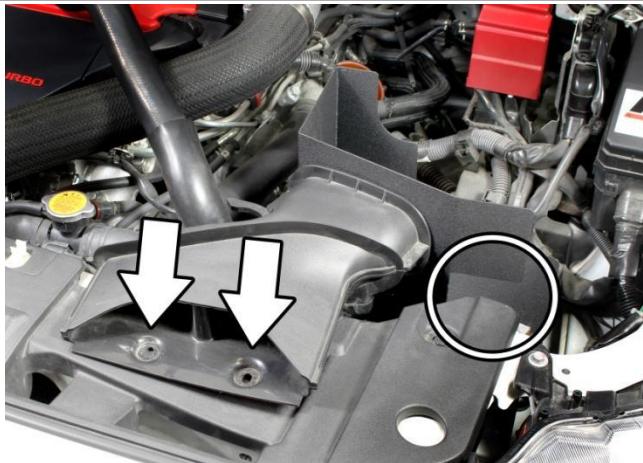
9. Press the provided silicone reducer onto the turbo inlet along with the T-bolt clamps. Only tighten the lower T-bolt clamp for now.



10. Remove the two rubber grommets from the bottom of the air box, and install them onto the heat shield.



11. Remove the air duct from the air box by pressing in each of the 4 clips. Press the air duct into the corresponding hole on the heat shield.



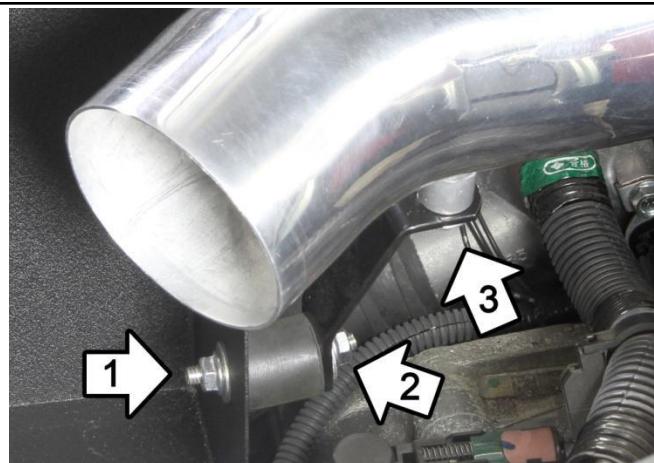
12. Install the heat shield with air duct into the engine bay by pressing the grommets onto the stock studs. Then, re-install the plastic rivets to the air duct and secure the heat shield to the factory air box bracket with a m6x16mm bolt and washer.



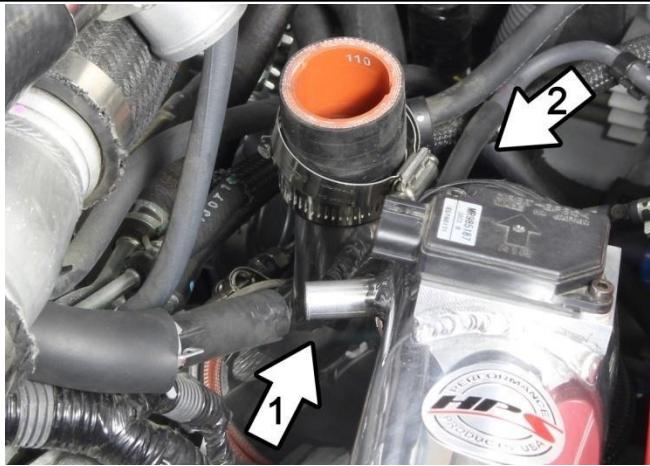
13. Remove the MAF sensor from the stock intake assembly using a T20 torx bit and install it onto the HPS intake pipe with the 4mm Allen Head Bolts from the hardware kit. Press the 1.25" coupler onto the large port and tighten the lower worm gear clamp.



14. Insert the HPS intake pipe into the reducer at the turbo inlet. Snug down the T-bolt clamp, but don't tighten completely, as the pipe may need to be adjusted.



15. Install the vibration mount onto the heat shield using provided hardware (1). Install the bracket onto the vibration mount (2). Finally, mount the intake pipe to the bracket with a washer and m6x12mm bolt (3).



16. Install the breather (1) and vacuum (2) hoses onto the HPS intake pipe.



17. Install the BOV onto the intake pipe and secure with the worm gear hose clamp.



18. Connect the MAF harness to the MAF sensor.



19. Install the HPS air filter onto the intake pipe and tighten the provided clamp.

## 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 vehicle. 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.

