



# Performance Shortram Air Intake Kit

**Part Number: 827-272**

**2009-2013 Mazda 6 2.5L 4Cyl**

## 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

## Part Number: 827-272

Description	Prep	Part Number	Qty	Check
Intake Pipe	1	529-155	1	
HPS Air Filter	2	HPS-4275	1	
T-Bolt Clamp for 2 3/4" Hose	3	SSTC-73-81	2	
2 3/4" Silicone Coupler x 2 1/2" length	3	P3SC-275-L25	1	
2 3/4" Air Straightener	3	HW-AS-275	1	
5/8" Breather Hose x 24" Long	3	EPDM-062	1	
4mm Allen Bolts x 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 mechanically inclined, please have a tuner shop install this kit.

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

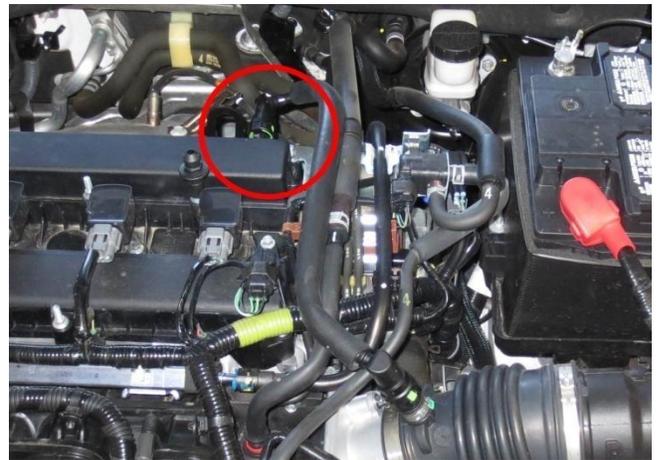
## **GETTING STARTED**

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 re-connected. 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



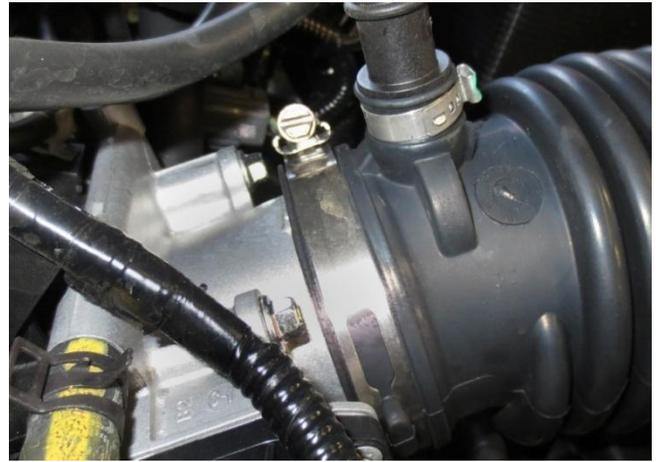
2. Remove the engine cover by lifting up at the front, then at the rear.



3. Remove the breather hose on the valve cover (circled at top). To remove the breather hose, a pick or a small flat-headed (blade) screwdriver is needed to remove the plastic clip on the breather hose.



4. Disconnect the mass air flow (MAF) sensor harness.



5. Loosen the hose clamp on the throttle body with a flat-head (blade) screwdriver.



6. Remove the top of the air box from the engine bay by unclipping it from the lower half of the air box.



7. Unbolt the air scoop from the radiator support. Once it is free, remove it along with the lower half of the air box from the engine bay.



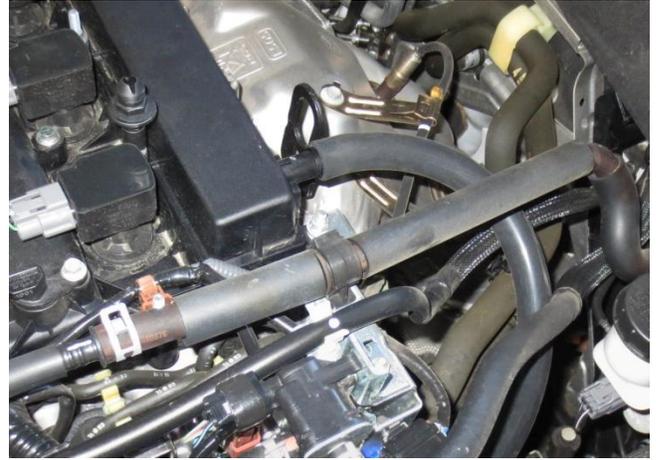
8. Transfer the MAF sensor from the air box onto the HPS intake pipe and secure using the 4mm Allen Head bolts included in the kit. Slide the air straightener onto the intake pipe, then the HPS air filter over it.



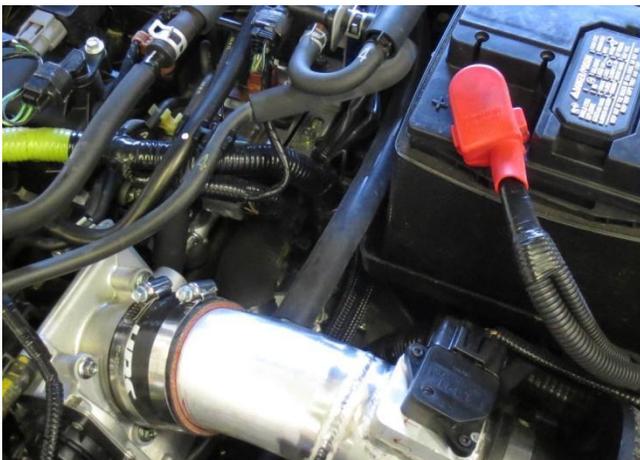
9. Install the silicone coupler with the T-bolt clamps included in the HPS intake kit.



10. Install the intake pipe onto the throttle body. Fasten the T-bolt clamps once the intake is clear of obstructions.



11. Install the breather hose onto the valve cover.



12. Install the opposite end of the breather hose onto the HPS intake.



13. Plug in the MAF sensor harness to the MAF sensor.

### 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, and let the car idle for about 3 minutes. Perform a final inspection before driving. Listen carefully for any odd noises, rattles, 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.