



# Performance Shortram Air Intake Kit

## Part Number: 827-696

**Scion 2008-2015 xB 2.4L**  
**Toyota 2009-2013 Matrix 2.4L**

## 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: 827-696

Description	Prep	Part Number	Qty	Check
Air Intake Pipe	1	529-30	1	
Heatshield	2	531-590	1	
Sensor Bracket	3	530-29	1	
3" HPS Performance Air Filter	4	HPS-4276	1	
T-Bolt Clamp for 2.50" Hose	5	SSTC-67-75	1	
T-Bolt Clamp for 3.00" Hose	5	SSTC-79-87	1	
2.50" – 3.00" Reducer x 3" Long	5	P3SR-250-300-L3	1	
Rubber Vibration Mount M6 x 3/4" Tall Male to Female	5	HW-RM6-75-MF	2	
M6 Bolt x 12mm long	5	HW-B6-12	4	
M6 Flat Washer x 16mm OD	5	HW-FW6L	4	
M4 Allen Bolts x M8 long	5	HW-B4-8	2	
M5 Flat Washer 10mm OD	5	HW-FW5	1	
Bubble Edge Trim, 34" Length	5	BUBBLE EDGE TRIM	1	
Bubble Edge Trim, 13" Length	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.
- Report any defective or missing parts to HPS directly. The HPS dealer you purchased this product from might not have the replacement parts you need.
- 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.***

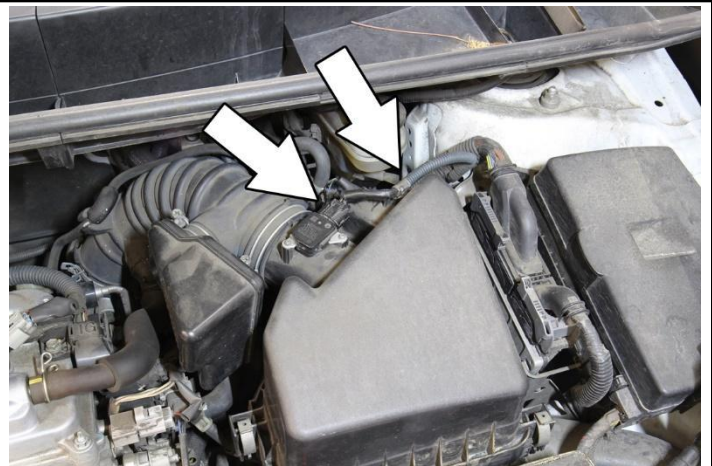
### **GETTING STARTED**

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.

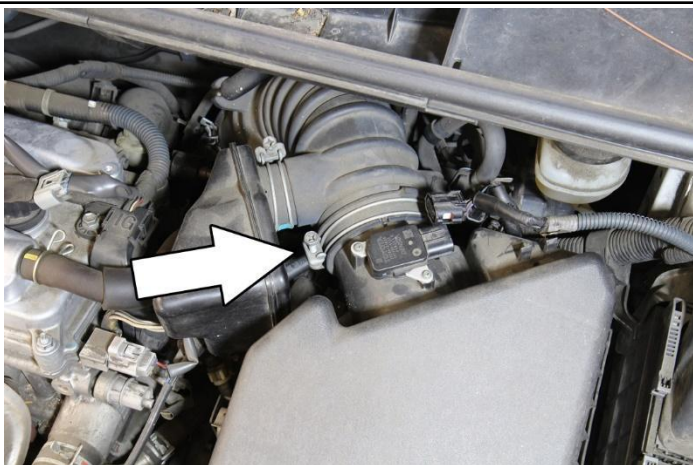
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



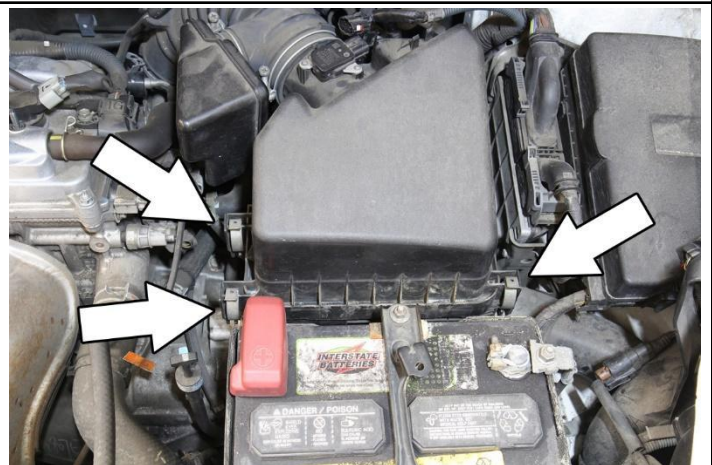
2. Remove the two 10mm bolts securing the engine cover and remove the engine cover from the vehicle.



3. Disconnect and remove the mass air flow sensor electrical harness from the air box.



4. Loosen the hose clamp securing the factory intake tube from the air box assembly.



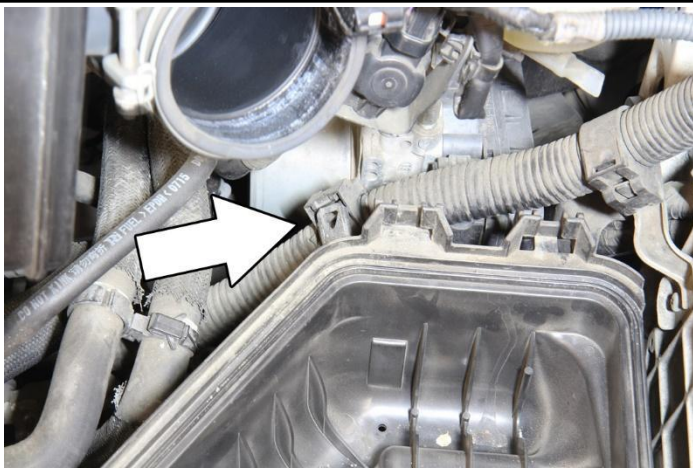
5. Disconnect the three retaining clips securing the upper air box assembly from the lower air box.



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



7. Remove the factory air filter from the vehicle.



8. Disconnect the retaining harness clip from the lower air box.



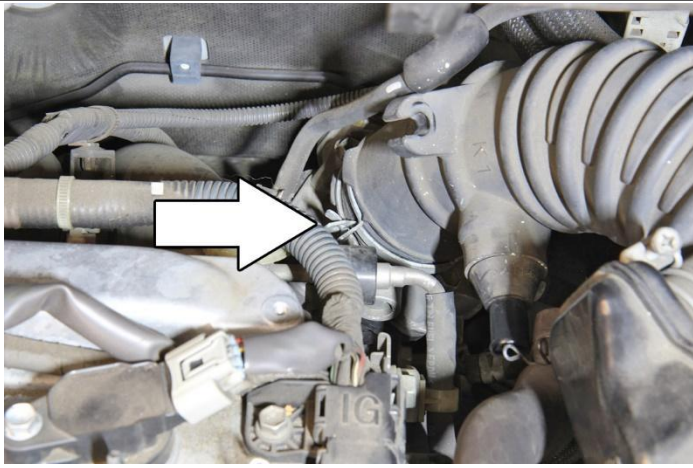
9. Remove the three 10mm bolts securing the lower air box.



10. Disconnect the lower air box from the air duct tube and remove the lower air box from the vehicle.



11. Disconnect the breather crank case hose from the intake tube and remove the EVAP hose from the intake tube.



12. Depress the clamp securing the intake tube from the throttle body.



13. Remove the screw securing the EVAP sensor from the bracket, then depress the harness clip to remove to completely remove the electrical harness from the intake tube.



14. Remove the intake tube from the vehicle.



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



16. Install and secure the provided bracket onto the EVAP solenoid by using the factory screw and the M5 washer included in the hardware kit.



17. Remove the factory Mass air flow sensor from the air box and secure the sensor onto the HPS intake pipe using the two M4 Allen bolts provided in the hardware kit.



18. Insert the intake pipe into the throttle body coupler, but do not secure the intake pipe to the coupler yet.



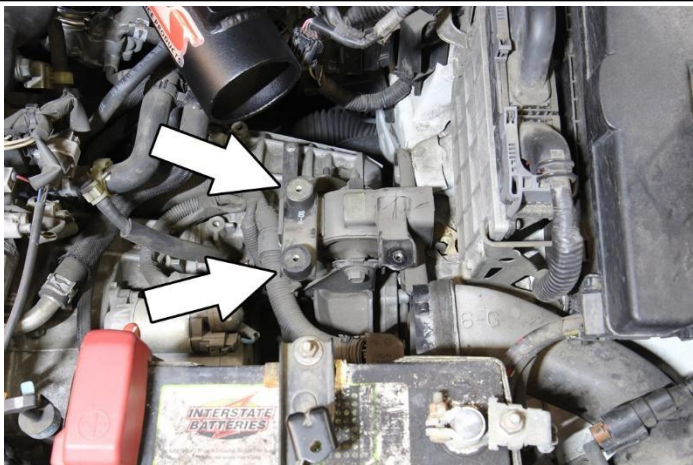
19. Secure the EVAP solenoid bracket to the intake pipe using the provided M6 x 12mm bolt and washer.



20. Reinstall the factory breather hose to the intake barb.



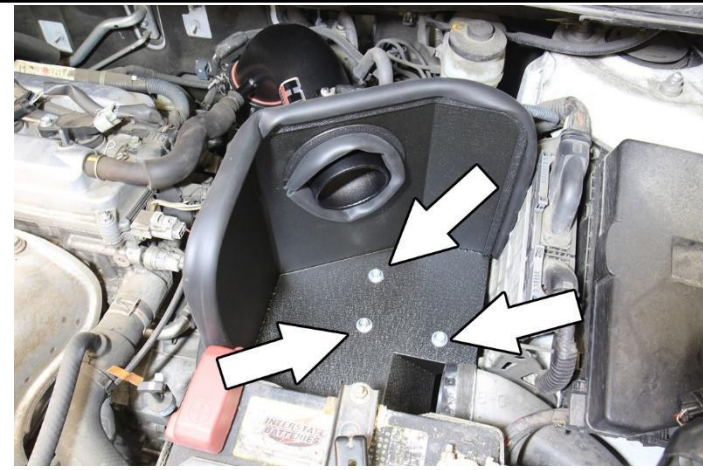
21. Reinsert the MAF sensor harness back into the MAF sensor.



22. Install the provided vibration mounts into the factory air box mounts in locations shown above.



23. Insert the bubble edge trim onto the heat shield.



24. Insert the heat shield into the vehicle and secure the heat shield using the three M6 nuts and washers. Position the intake tube to the proper position and tighten the T-bolt clamp.



25. Insert 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.

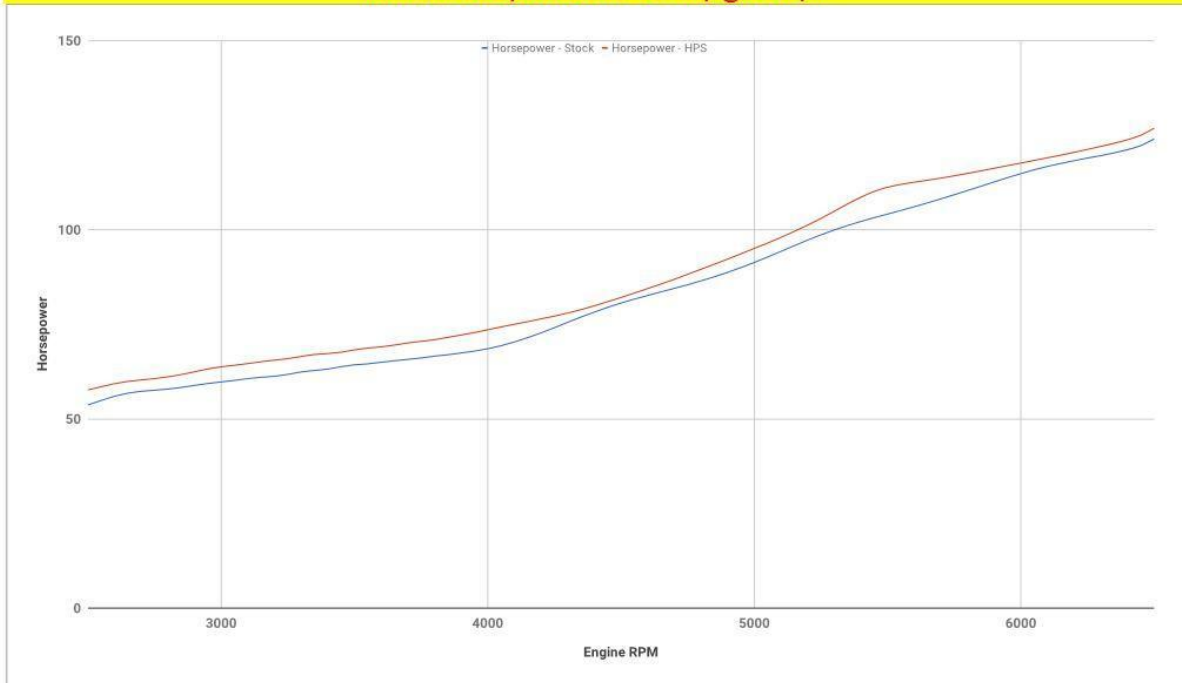
Start the engine. Let the car idle for 3 minutes. Perform a final inspection before driving. Listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that may be causing leaks or rattles 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.



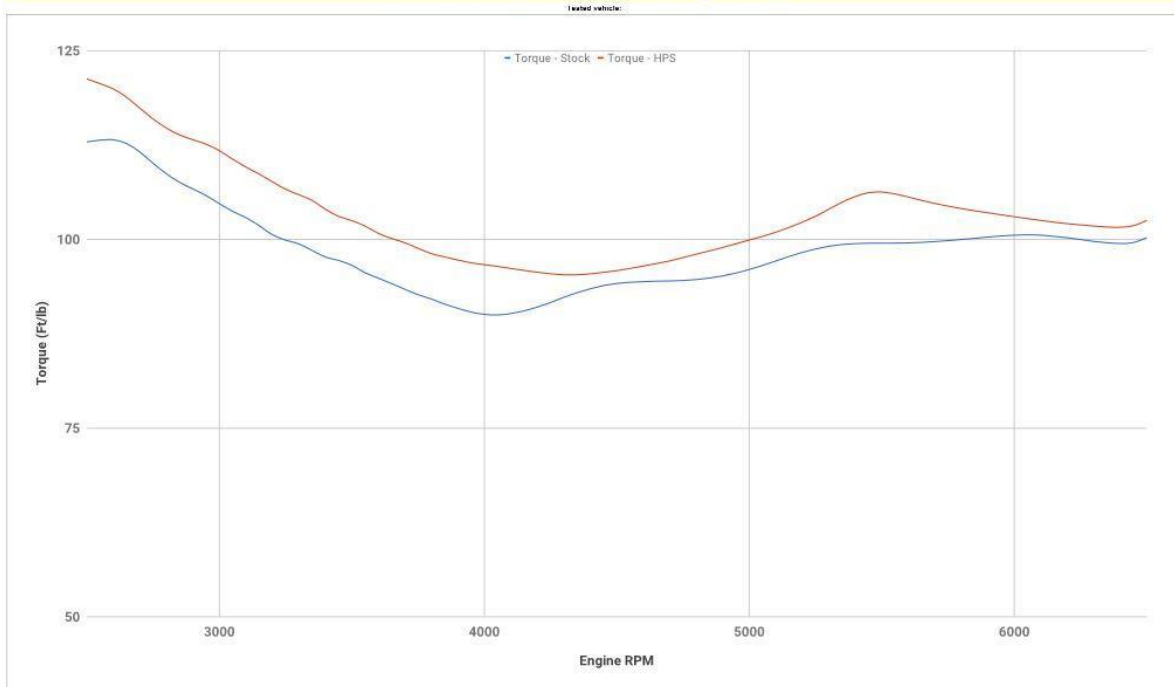
HPS Performance Shortram Air Intake  
2008-2015 Scion XB 2.4L  
Part Number: 27-501

Maximum Horsepower Gains = 7.1 whp @ 5500 rpm



HPS Performance Shortram Air Intake  
2008-2015 Scion XB 2.4L  
Part Number: 27-501

Maximum Torque Gains = 8.4 ft/lb @ 2500 rpm



**HPS Silicone Radiator Hose Kit (Black/Blue/Red) with Stainless Steel Clamps  
is now available for 2008-2013 Scion XB 2.4L!**



**Part Number 57-1060 - MSRP: \$144.00**

**Contact an authorized HPS Performance Products dealer or visit us at  
[www.hpsperformanceproducts.com](http://www.hpsperformanceproducts.com) for more details**