



# Performance Shortram Air Intake Kit Part Number: 827-692

**2018-2021 Toyota Camry 3.5L V6**

## 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: 827-692

Description	Prep	Part Number	Qty	Check
Air Intake Pipe	1	529-400	1	
Heat- Shield	2	531-606	1	
HPS Air Filter	3	HPS-4329	1	
Bracket #1	4	530-607	1	
Bracket #2	4	530-608	1	
Bracket #3	4	530-609	1	
3.18" – 3.25" 45 Degree Reducer Coupler	4	CH-0016	1	
T-Bolt Clamp for 3.25" Hose	4	SSTC- 86-94	2	
M6 Ball Stud for Heat shield Mounting Points	4	HW-BALL-8MM-M6	2	
M4 Bolt x 8mm	4	HW-B4-8	2	
M6 Flange Nut	4	HW-N6	1	
6mm Flat Washer x 16mm OD	4	HW-FW6L	7	
6mm Flange Bolt x 16mm long	4	HW-B6-16	3	
Bubble Edge trim x 13 inches	4	BUBBLE EDGE TRIM	1	
Bubble Edge trim x 46 inches	4	BUBBLE EDGE TRIM	1	
Thin Edge trim x 11 inches	4	THIN 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!**

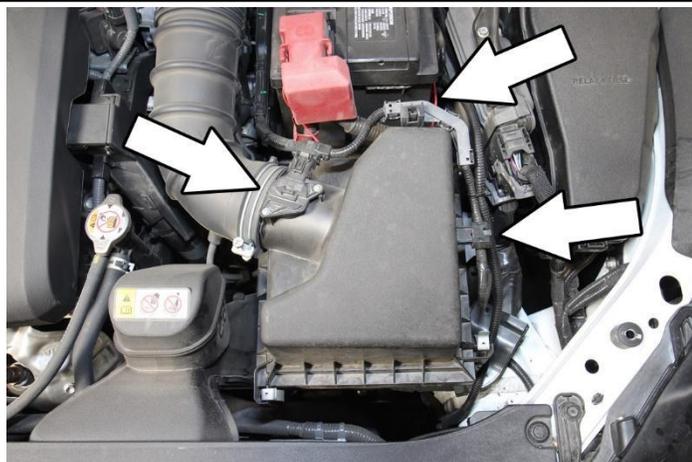
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

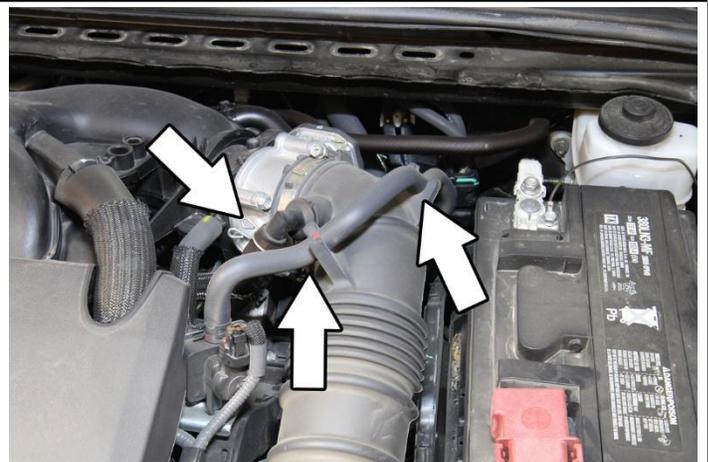
## **GETTING STARTED**

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.

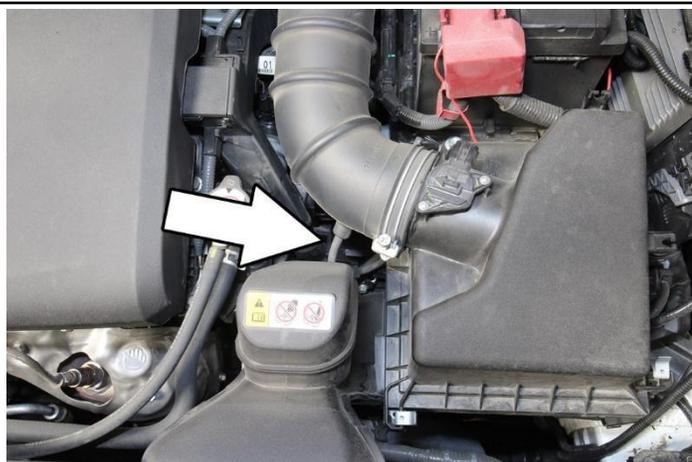
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



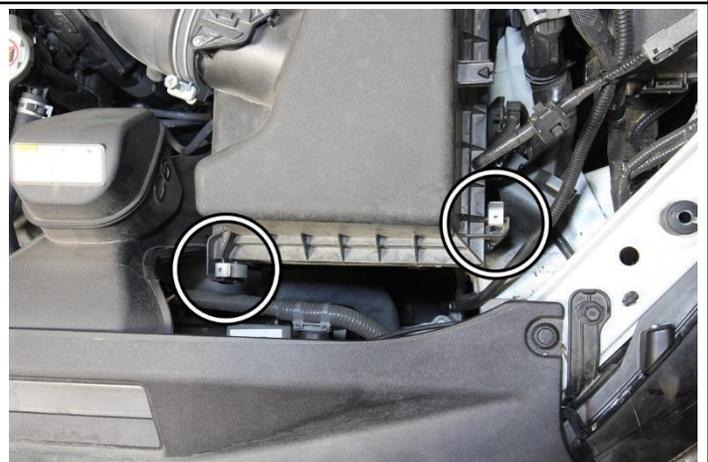
2. Disconnect the mass air flow sensor electrical harness connector and disconnect the harness clips from the upper air box assembly.



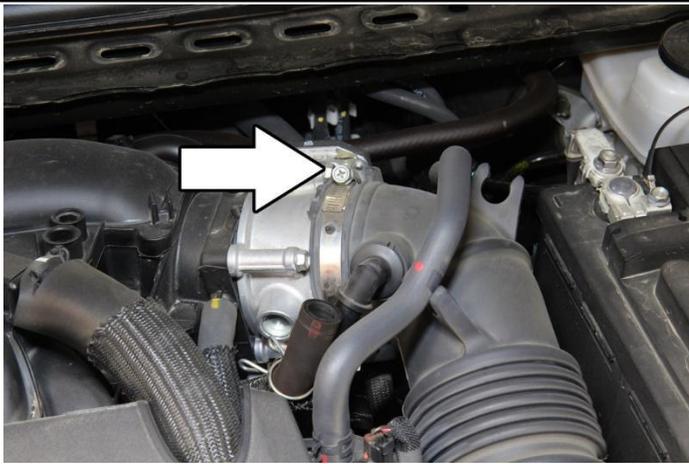
3. Disconnect the breather hose from the stock intake tube and the hose mounted on top of the intake tube.



4. Disconnect the vacuum hose from the stock intake tube.



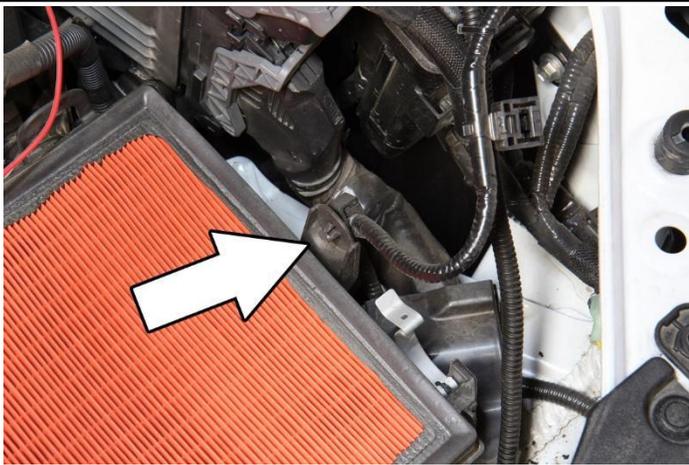
5. Disconnect the two retaining clips securing the upper air box assembly.



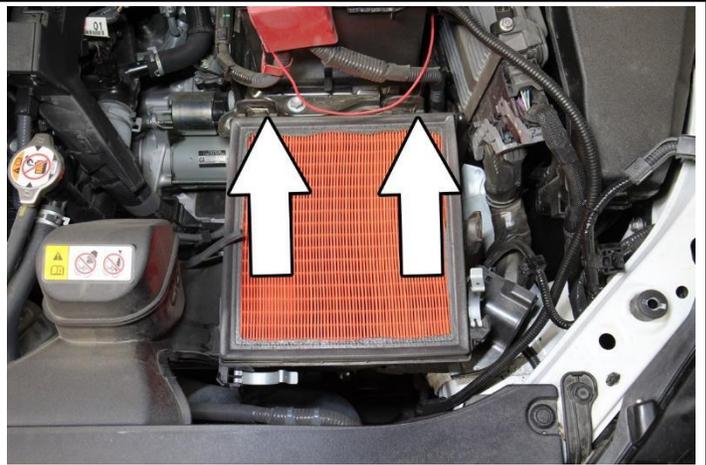
6. Loosen the hose clamp securing the intake tube from the throttle body.



7. Remove the stock intake and the upper air box assembly from the vehicle.



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



9. Lift the lower air box assembly from its grommets and remove the lower air box from the vehicle.



10. Insert the reducer coupler along with the provided T-bolt clamps onto the throttle body, but do not tighten any of the clamps yet.



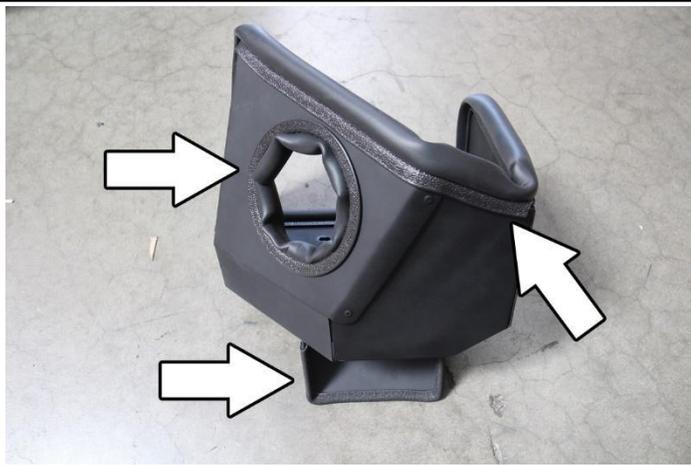
11. Remove the MAF sensor from the stock air box and secure the MAF sensor onto the HPS intake using the provided M4 allen bolts.



12. Depress the clips to remove the radiator panel cover from the vehicle.



13. Remove the 10mm bolt shown above securing the factory air duct.



14. Install the bubble edge trim onto the heat shield and the thin edge trim onto the air scoop.



15. Insert and secure the provided ball stud along with a washer onto the bracket shown above.



16. Insert and secure the provided ball stud along with a washer onto the wider "L" bracket shown above. Secure the ball stud using the provided nut and washer.



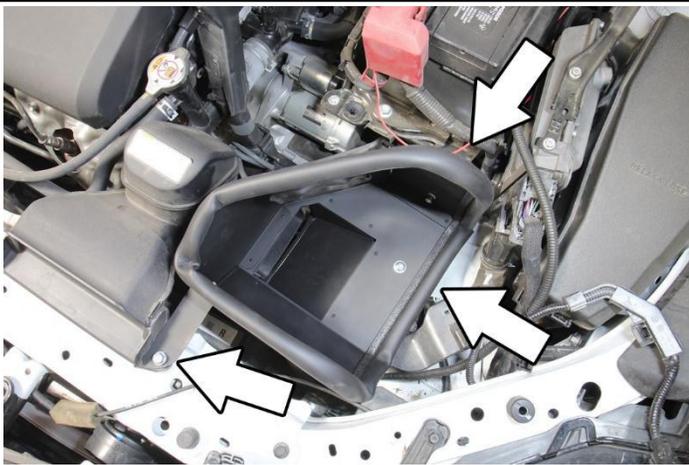
17. Secure the wider "L" bracket onto the heat shield using the provided M6x16mm bolt and washer.



18. Secure the long bracket onto the bottom of the heat shield using the provided washers and M6x16mm bolt.



19. Secure the thinner "L" bracket onto the heat shield using the provided M6x16mm bolt and washer.



20. Insert the heat shield into the vehicle. Secure the ball studs into the factory rubber grommets and secure the heat shield bracket onto the factory air duct mounting hole using the factory bolt.



21. Insert the HPS intake pipe into the heat shield and into the coupler. Position the intake pipe and the coupler into the proper position before securing the T-bolt clamps.



22. Insert and secure the factory breather hose into the intake breather barb.



23. Insert and secure the factory vacuum hose onto the intake vacuum barb.



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



25. Re-connect the MAF sensor harness connector onto the MAF sensor.



26. Re-install the factory radiator panel cover onto the vehicle.

### Final Steps

Once the intake has been positioned, tighten all of the clamps and secure all of the parts.

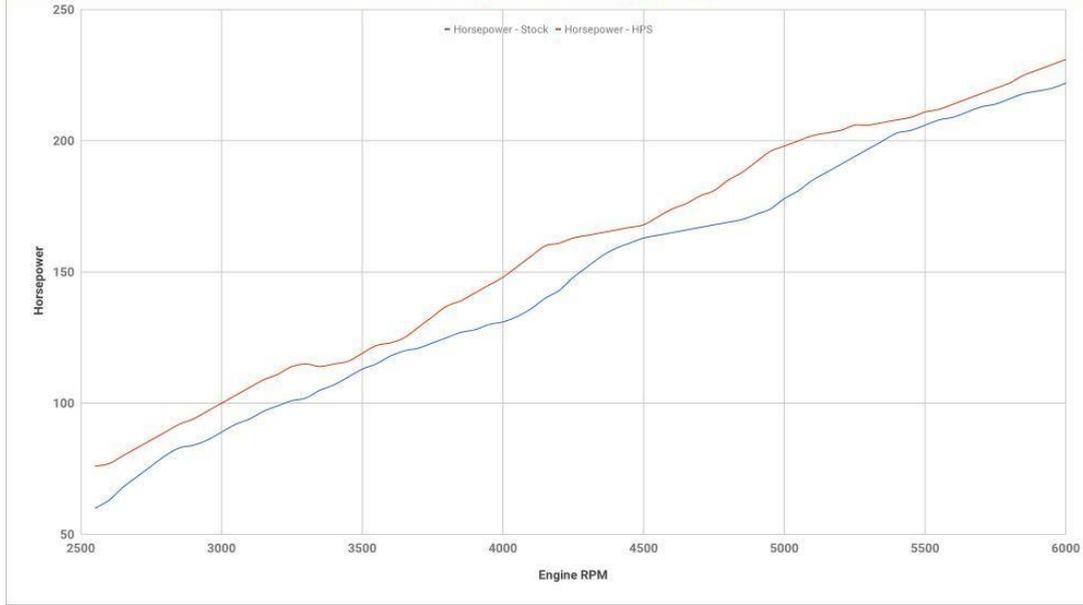
Upon completion of the installation, reconnect the negative battery terminal before you start the engine. Double check to make sure everything is tight and properly positioned before starting the vehicle.

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 Performance Air Intake Kit with Heat Shield (827 Series)  
2019+ Toyota Camry 3.5L  
Part Number: 827-692

Maximum Horsepower Gains = 12 whp @ 4700 rpm



HPS Performance Air Intake Kit with Heat Shield (827 Series)  
2019+ Toyota Camry 3.5L  
Part Number: 827-692

Maximum Torque Gains = 13 ft/lb @ 4700 rpm

