



## **Performance Air Intake Kit Part Number: 827-665**

**2018-2021 Toyota Camry 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

**Kit Number: 827-665**

Description	Prep	Part Number	Qty	Check
Air Intake Pipe	1	529-450	1	
Heat-Shield	2	531-451	1	
HPS Air Filter	3	HPS-4276	1	
3" Hump Coupler x 3" Long	4	P3SHC-300-L3	1	
T-Bolt Clamp for 3" Hose	4	SSTC-79-87	2	
M6 Flange Nut	4	HW-N6	6	
16mm EPDM Hose x 10.50" inches	4	EPDM-062	1	
Clamp for EPDM 5/8" 16mm	4	EMSC-16-27	2	
M6 Ball Stud for Heat-Shield	4	HW-BALL-8MM-M6	3	
3" Honey Comb Sleeve	4	HC-300	1	
Thin Edge Trim x 20 inches	4	Thin Edge Trim	1	
Bubble Edge Trim x 22 inches	4	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.**
- **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 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.**

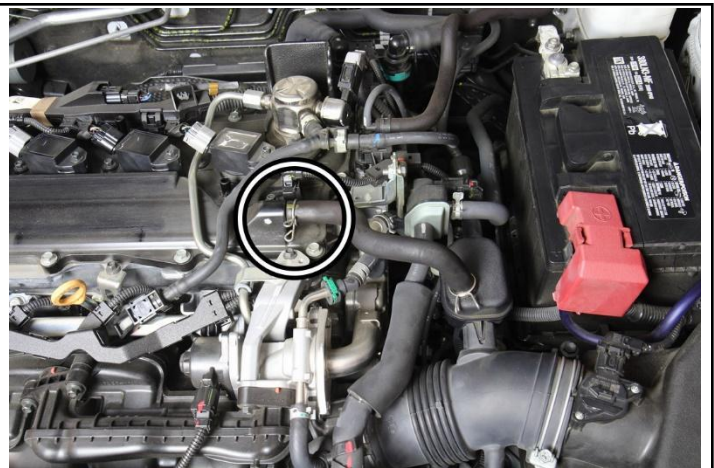
## **GETTING STARTED**

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.

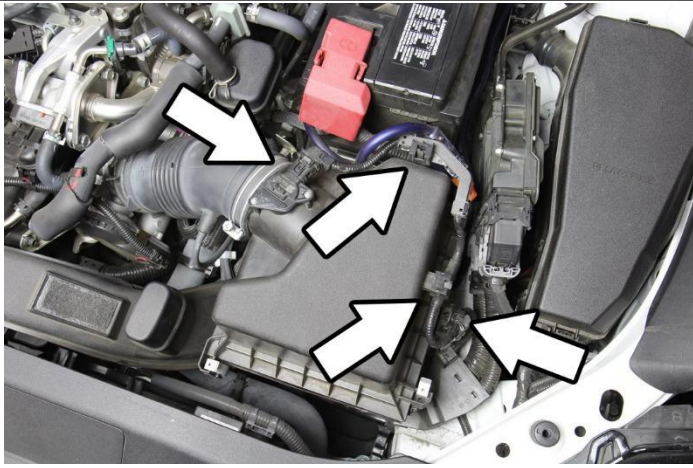
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



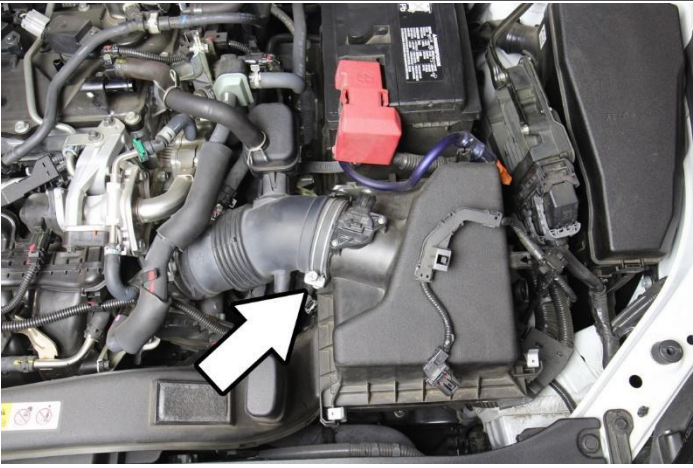
2. Lift and remove the engine cover from its grommets.



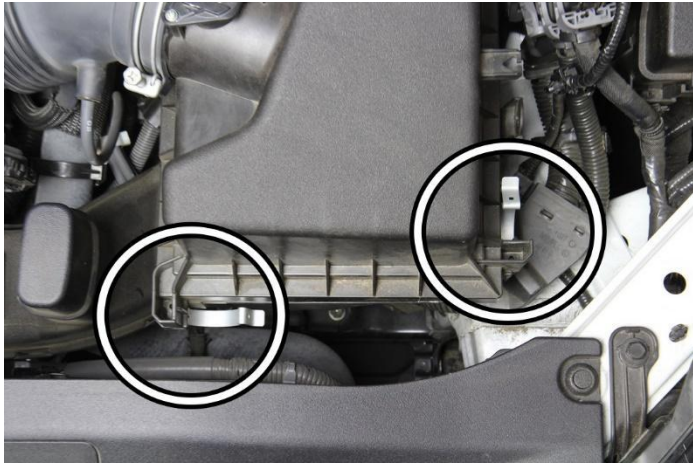
3. Loosen the hose clamp and remove the breather hose from the crank case vent tube.



4. Disconnect the Mass air flow sensor harness from the upper air box assembly.



5. Loosen the hose clamp securing the stock air tube from the air box assembly.



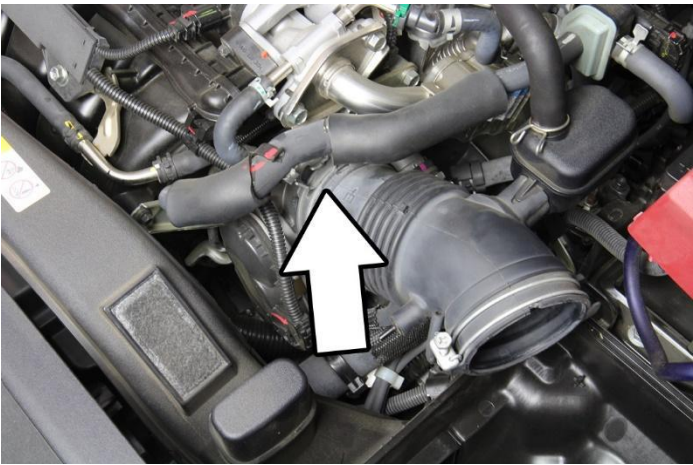
6. Unclip the retaining clips from the upper air box.



7. Remove the upper air box assembly from the intake tube.



8. Disconnect the vacuum line from the stock intake tube.



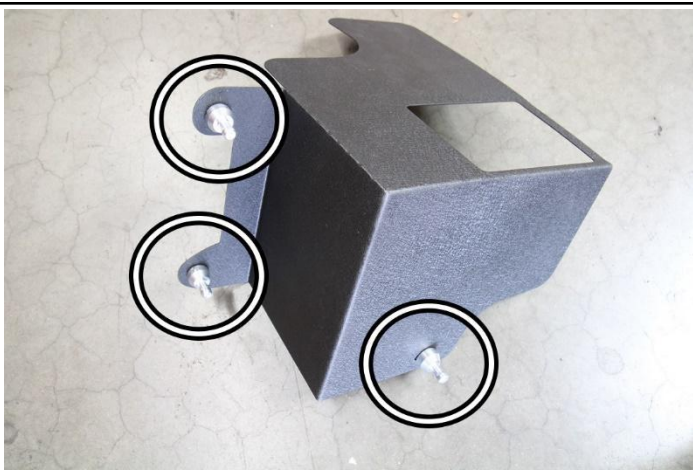
9. Using a pair of pliers depress the spring clamp securing the intake tube from the throttle body.



10. Remove the stock intake tube from the vehicle.



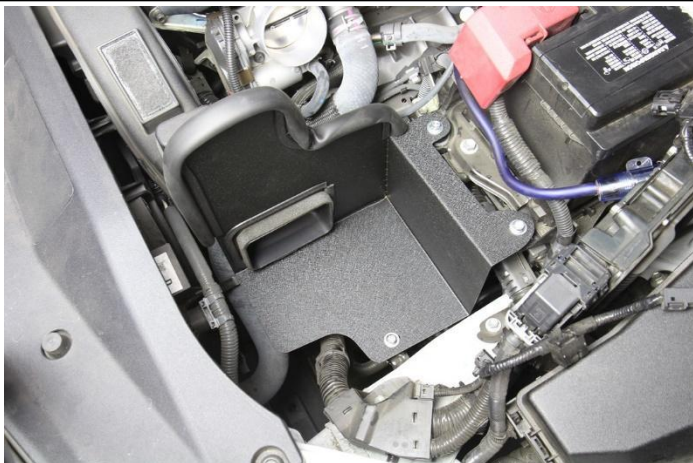
11. Lift and remove the three mounts from the lower air box assembly from the rubber grommets.



12. Install and secure the three ball studs onto the heat-shield using a M6 washer, and nut provided in the hardware kit.



13. Install the bubble edge trim onto the top portion of the heat-shield and the thin edge trim onto the air scoop opening.



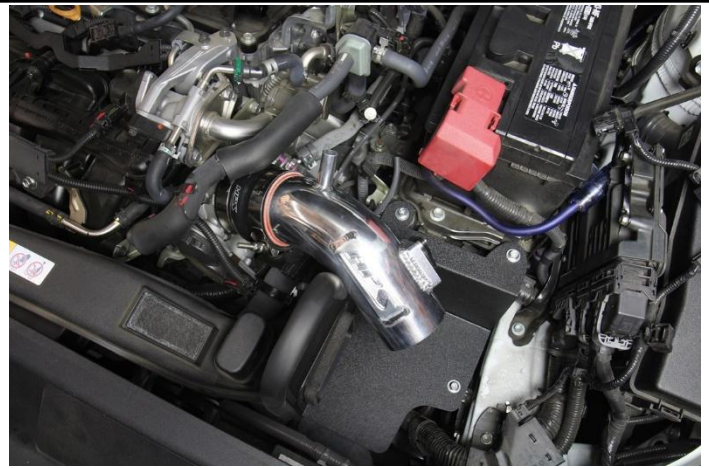
14. Insert the heat-shield onto the factory air scoop and insert the ball studs into the factory rubber grommets.



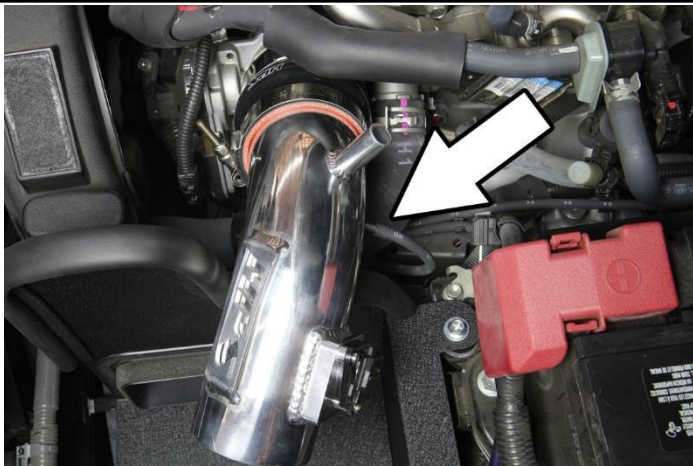
15. Remove the stock MAF sensor from the upper air box assembly and install it on the HPS intake pipe. Secure the sensor using the two M4 Allen bolts provided in the hardware kit.



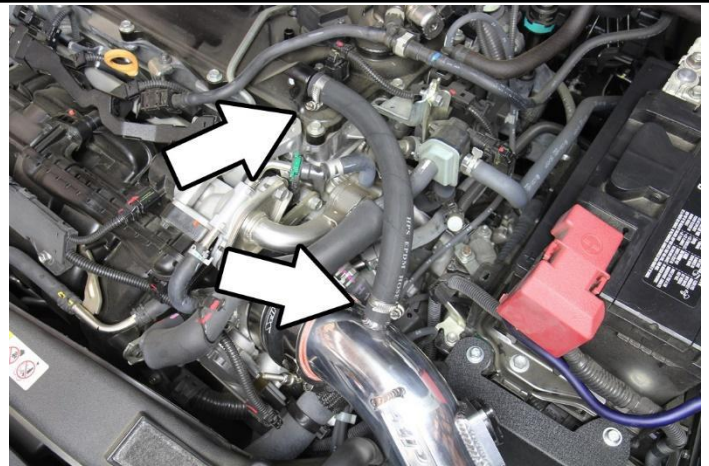
16. Insert the provided honeycomb into the intake pipe closest to the MAF sensor.



17. Insert the hump coupler onto the throttle body along with provided t-bolt clamps, then insert the HPS intake into the coupler. Secure the t-bolt clamp on the intake side once the intake pipe is in the proper position.



18. Insert the vacuum line onto the smaller intake barb.



19. Install the provided EPDM hose onto the crank case barb and onto the intake barb. Secure the hose using the EMSC clamps provided in the hardware kit.



20. Reconnect the MAF sensor harness connector onto the MAF sensor.



21. Install the HPS air filter onto the intake pipe.

## 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.

