



Performance Air Intake Kit Part Number: 827-691

Toyota 2012-2017 Camry 2.5L 4cyl

Installation Instructions

For technical inquiries please email us at tech@hpsperformance.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: 827-691

Line #	Description	Part Number	Qty
1	Air Intake Pipe	529-118	1
2	HPS Performance Air Filter	HPS-4276	1
3	Heat Shield	531-604	1
4	Heat Shield Lid	531-605	1
5	Sensor Bracket	530-120	1
6	Intake Bracket	530-119	1
7	"L" Bracket for Heat Shield	530-284	1
8	"L" Bracket for Heat Shield	530-241	1
9	"Z" Bracket for Heat Shield	530-406	1
10	3" Silicone Coupler x 2.5" Long	P3SC-300-L25	1
11	T-Bolt Clamp for 3.00"	SSTC-79-87	2
12	Thin Edge Trim	Thin Edge Trim	5.5 inches
13	Thin Edge Trim	Thin Edge Trim	14 inches
14	5mm Bolt x 12mm Long	HW-B5-12	9
15	4mm Bolt x 8mm	HW-B4-8	2
16	6mm Flange Bolt x 12mm Long	HW-B6-12	6
17	6mm Flange Nut	HW-N6	5
18	5mm Flat Washer x 10mm OD	HW-FW5	1
19	6mm Flat Washer x 16mm OD	HW-FW6L	8
20	8mm Flat Washer	HW-FW8S	1
21	6mm Rubber Vibration Mount, 1/2" Tall	HW-RM6-50	1
22	6mm Rubber Vibration Mount, 1" Tall	HW-RM6-100	1
23	5/16" Vacuum Cap	HW-VC-032	1
24	6mm Heat Shield Mounting Stud	HSM-M6-1028	1

- Before installing any parts of this intake kit, 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@hpsperformance.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 kit while the engine is hot.
- This installation may require removal of coolant lines that may be hot.
- For technical inquiries, please email us at tech@hpsperformance.com

PLEASE READ CAREFULLY BEFORE INSTALLATION!

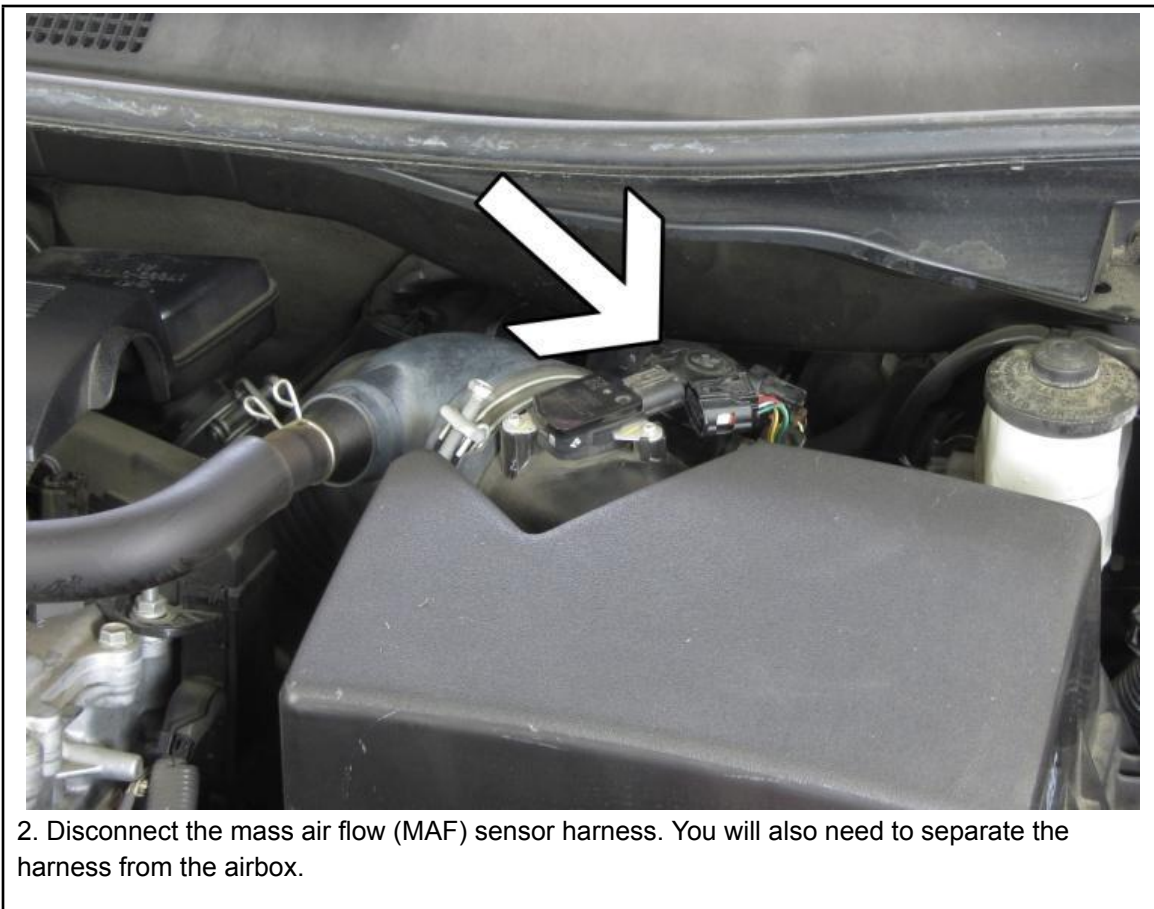
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

GETTING STARTED

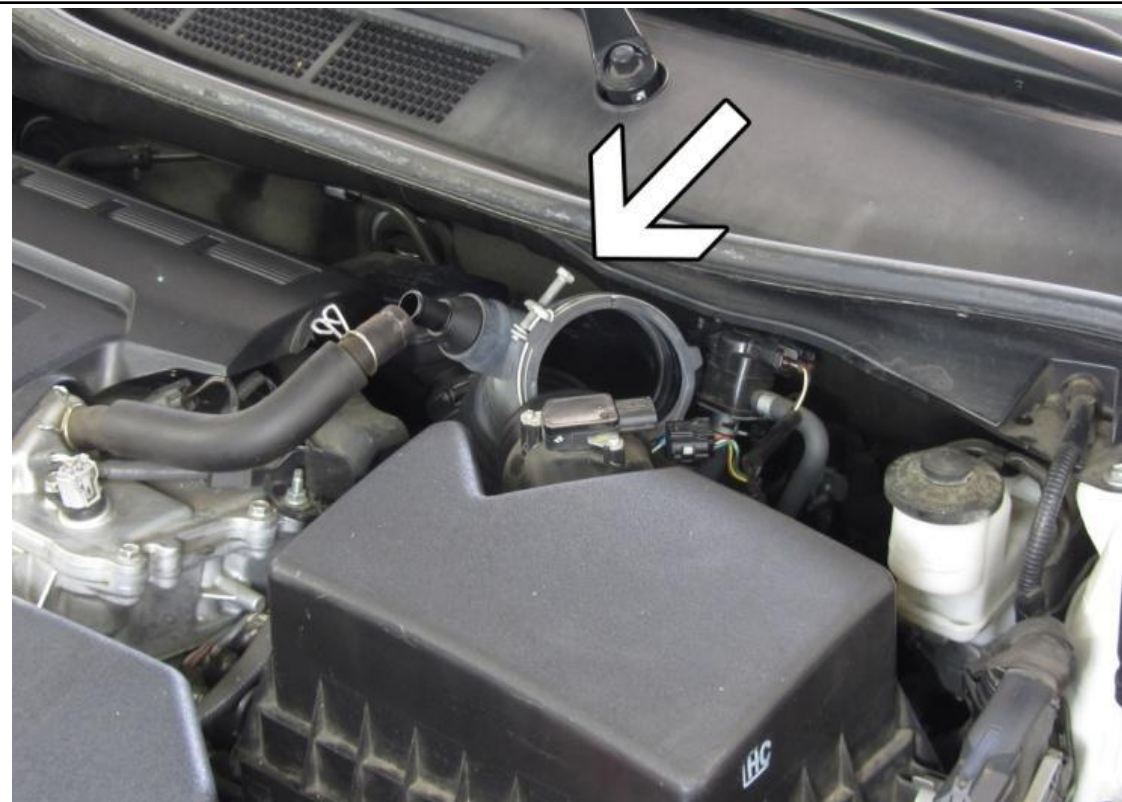
1. Turn the ignition OFF and disconnect the vehicle's negative battery cable. If the engine has run within the past two hours, let it cool down.

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 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.

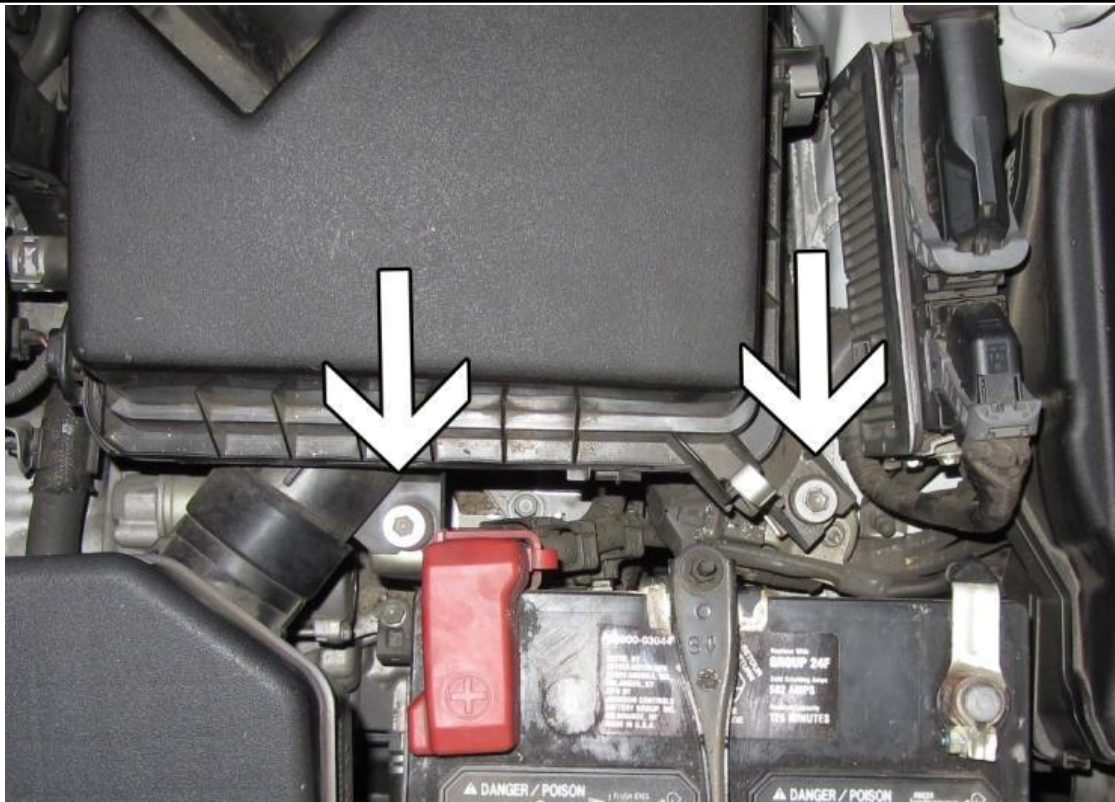




3. Disconnect the breather hose from the intake hose.



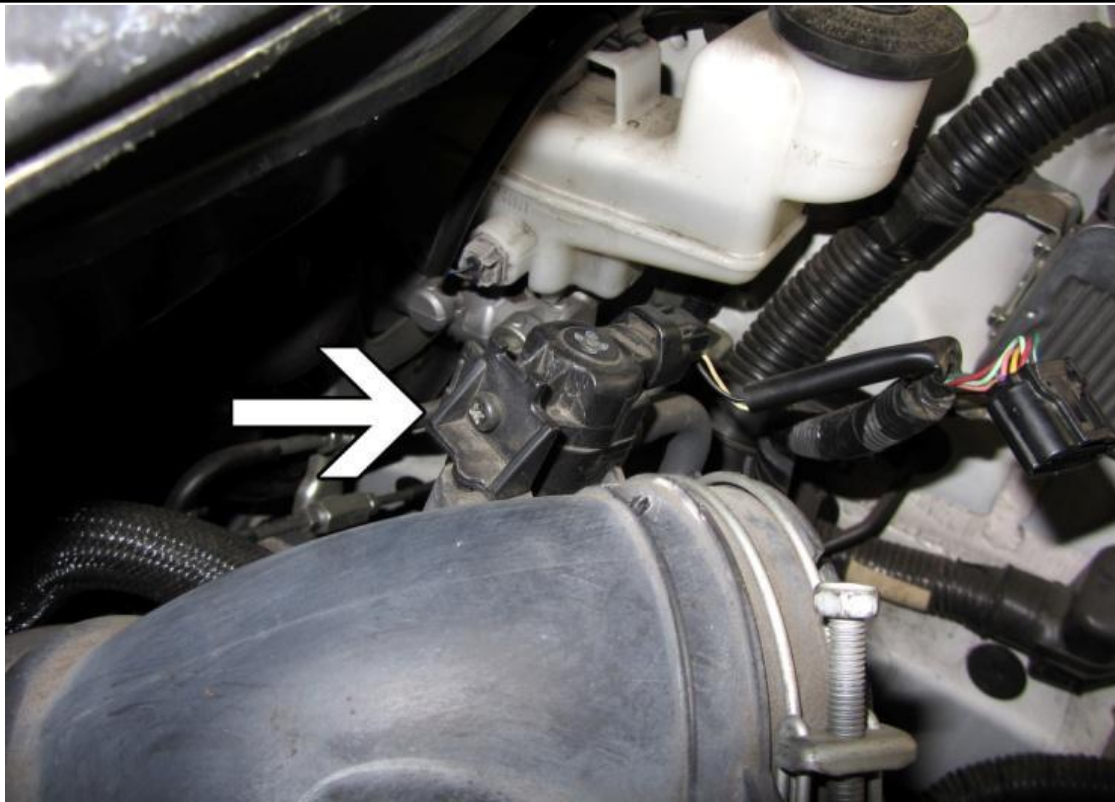
4. Use a 10mm socket or Phillips (cross) screwdriver to loosen the hose clamp on the intake hose. Once it is loosened, separate the intake hose from the airbox.



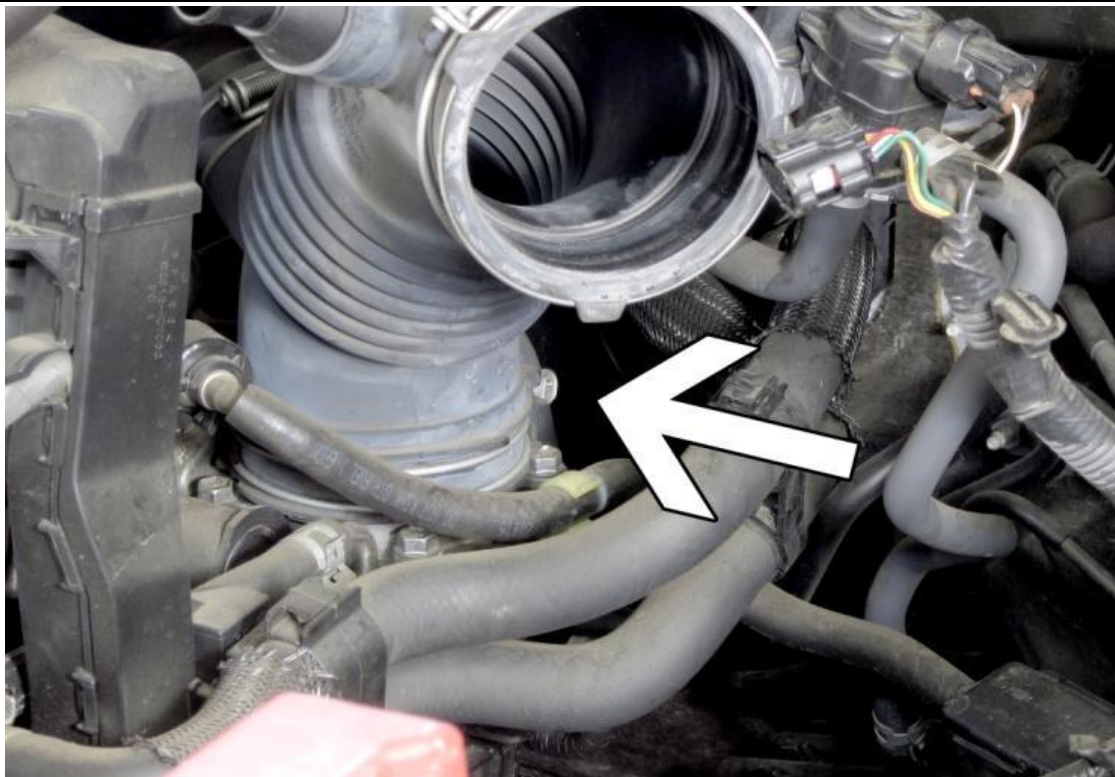
5. Use a 10mm socket to remove the two bolts securing the airbox (located behind the battery).



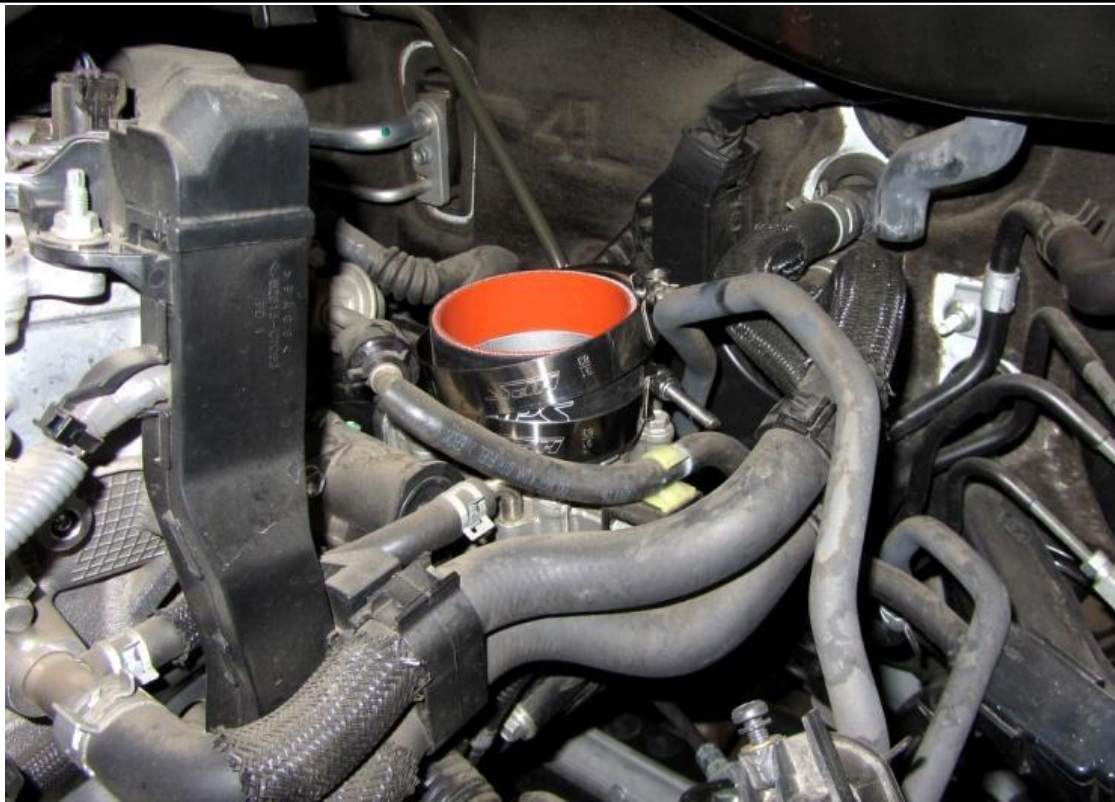
6. Remove the airbox from the engine bay.



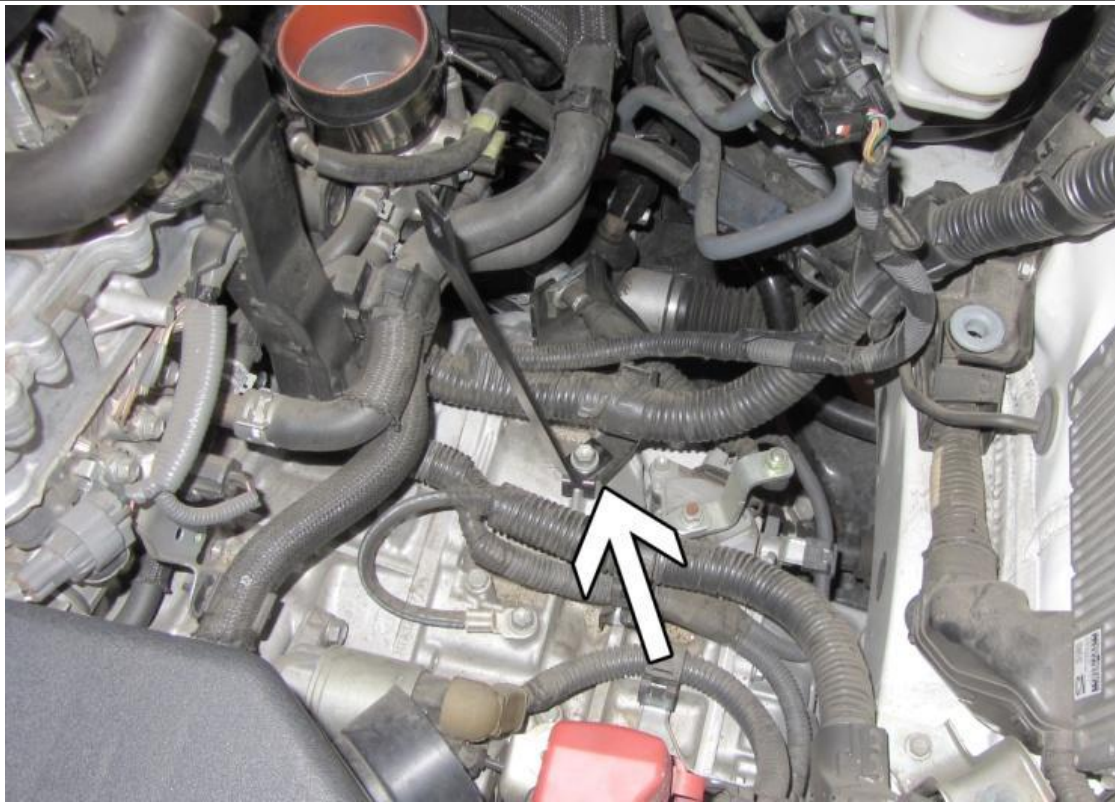
7. Use a Phillips screwdriver to remove the EVAP sensor from the intake hose. Save the factory screw to use in later steps of the installation.



8. Loosen the hose clamp on the intake hose at the throttle body and remove the intake hose from the engine bay.



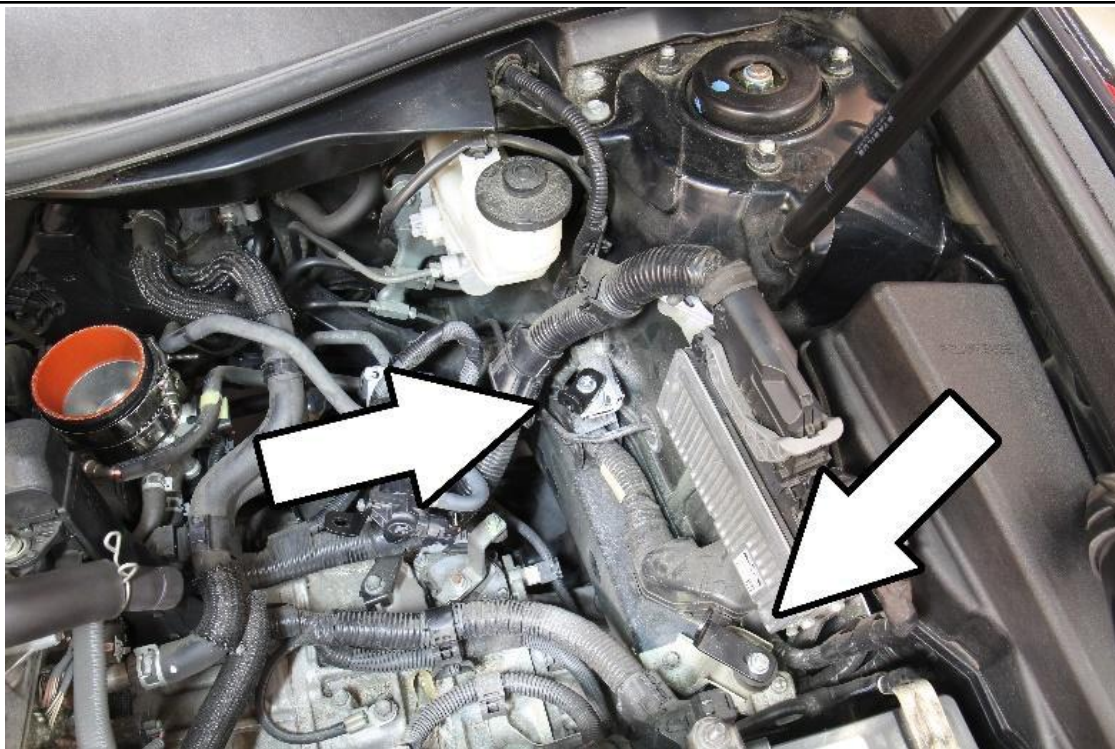
9. Install the provided coupler onto the throttle body along with the provided T-bolt clamps. Only secure the clamp on the throttle body side of the coupler at this time.



10. Remove the bolt located on the transmission (indicated in the image) and secure the intake bracket reusing the factory bolt and the provided M8 washer.



11. Secure the smaller "L" bracket to the provided 6mm mounting stud using a M6x12 bolt and washer. Loosely secure the larger "L" bracket to the provided ½" vibration mount using a nut and washer.



12. Insert the mounting stud with the smaller bracket into the factory airbox mounting grommet. Secure the larger "L" bracket with the ½" vibration mount into the factory airbox mount near the ECU.



13. Secure the 1" vibration mount into the factory airbox mount near the air duct.



14. Remove the MAF sensor from the stock airbox and transfer it over to the HPS intake pipe. Use the two provided 4mm Allen bolts to secure it to the pipe.



15. If your vehicle has an additional hose, connect it to the intake pipe. If your vehicle does not have the additional hose, use the 5/16" vacuum cap included in the kit to close it off.



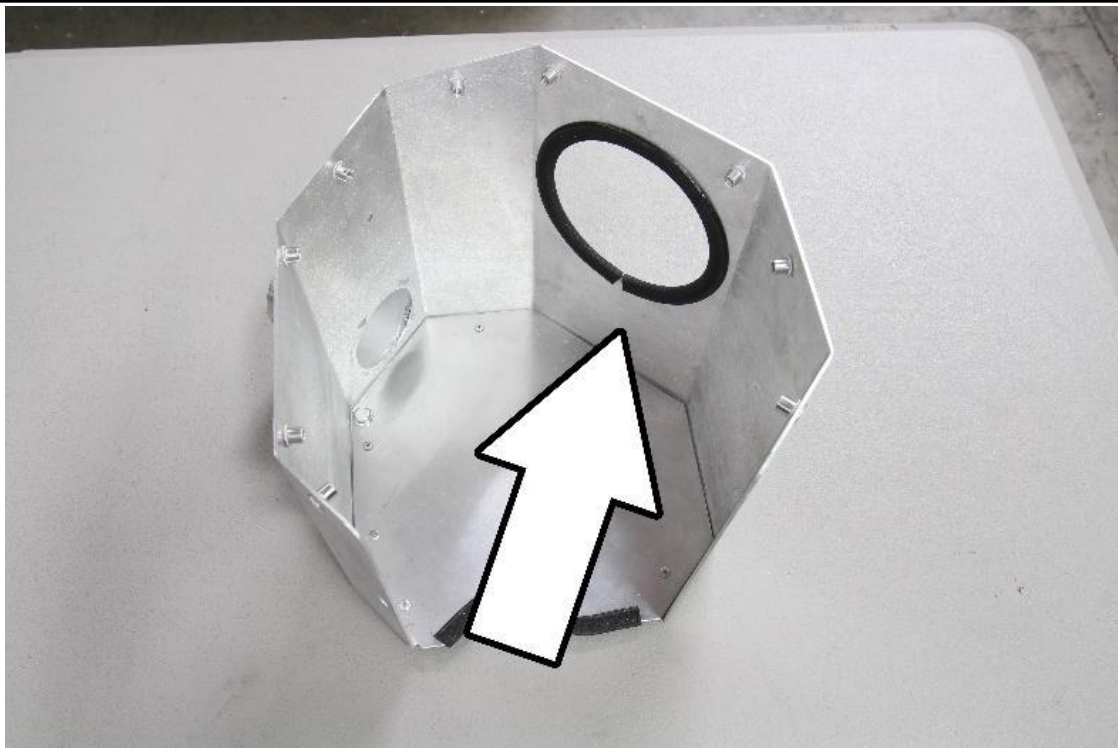
16. Secure the smallest "L" shaped bracket onto the EVAP sensor reusing the factory screw and the provided M5 washer.



17. Insert the HPS intake pipe into the coupler but do not secure the intake bracket or the second T-bolt clamp at this time. Install the sensor bracket onto the pipe using a M6x12mm bolt and washer.



18. Connect the factory breather hose to the HPS intake bar.



19. Install the provided edge trim onto the HPS heat shield opening.



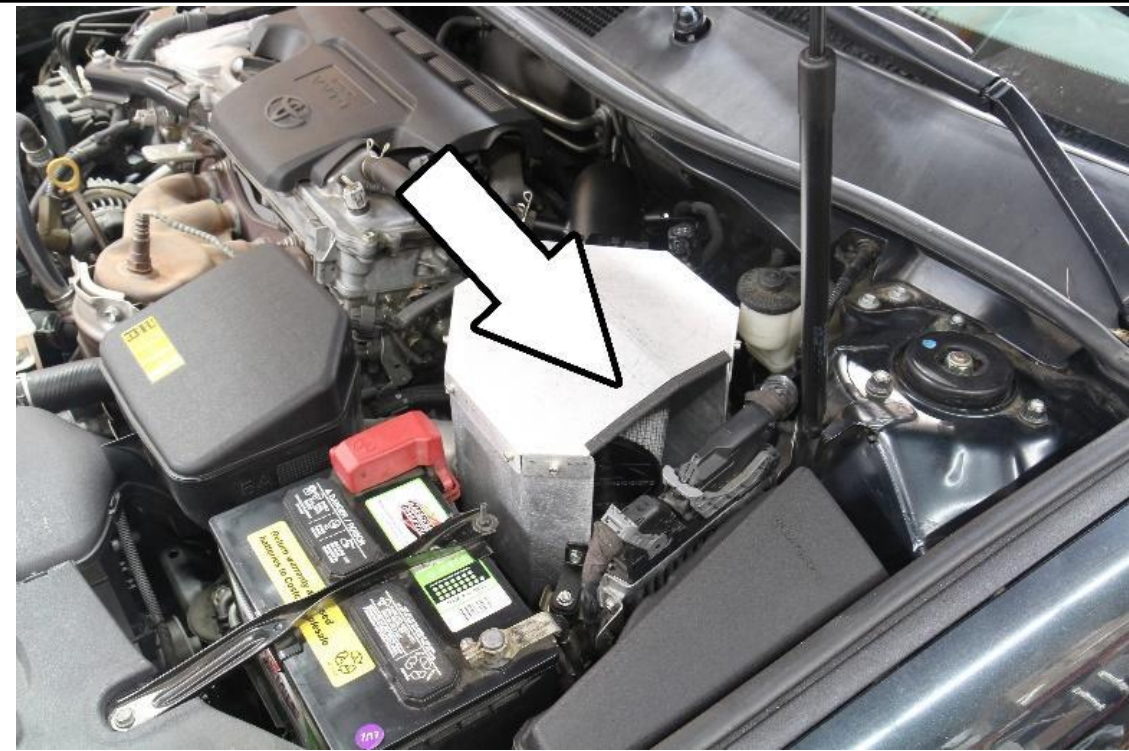
20. Next, install the short piece of edge trim onto the bottom edge of the heat shield, as well as, with the "Z" bracket as shown using a M6x12 bolt, nut, and two washers.



21. Place the heat shield into the vehicle and secure it in place with the three brackets using the provided M6x12mm bolts, nuts, and washers. Adjust the HPS intake pipe into position, secure the intake pipe to the bracket, and tighten the T-bolt clamp to secure the pipe.



22. Install the provided HPS Performance Air Filter.



23. Install the heat shield lid onto the heat shield using the provided nine M5x12 bolts. Install the thin edge trim to the edge of the lid as shown.

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.

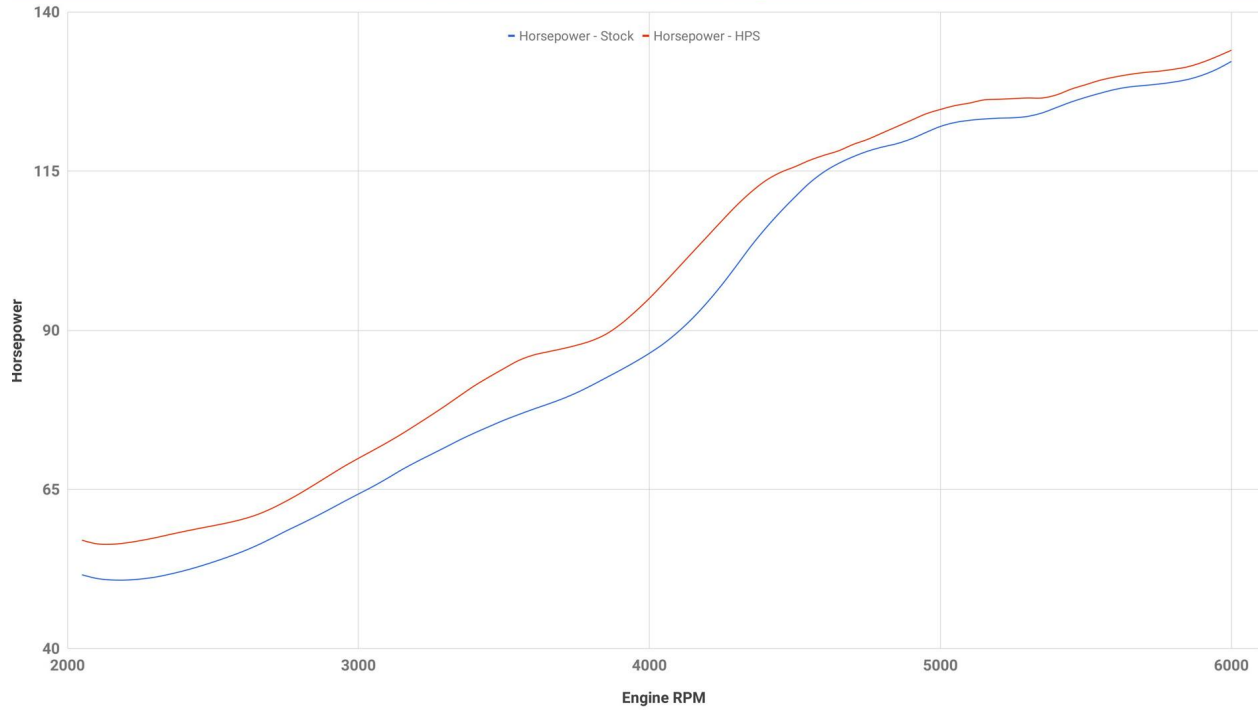
Start the engine. Let the car idle for 3 minutes. Perform a final inspection before driving. Listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that may be causing leaks or rattles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

Periodically, recheck the alignment of the intake kit 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.



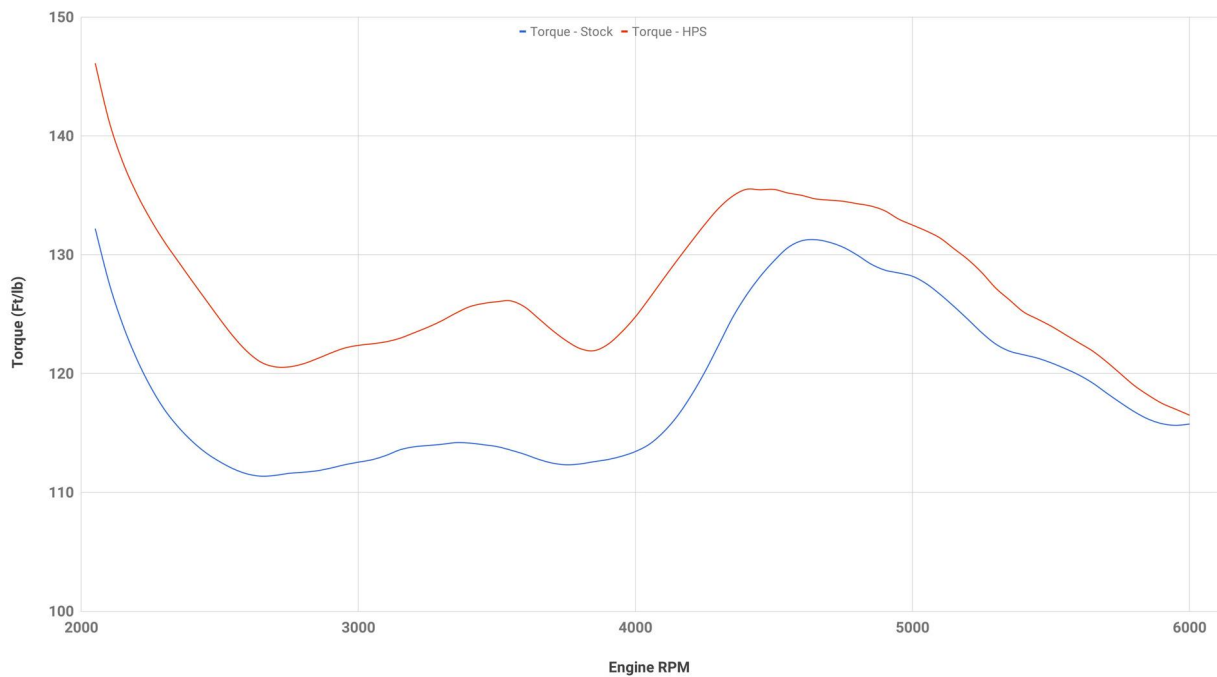
HPS All-New Performance Air Intake Kit (827 Series)
2012-2017 Toyota Camry 2.5L
Part Number: 827-691

Maximum Horsepower Gains = 9.5 whp @ 4300 rpm



HPS All-New Performance Air Intake Kit (827 Series)
2012-2017 Toyota Camry 2.5L
Part Number: 827-691

Maximum Torque Gains = 6.1 ft/lb @ 4500 rpm



Also available for:
Toyota 2012-2017 Camry 2.5L 4cyl



HPS Performance Replacement Air Filter
For Intake Kit 827-691
Part Number [HPS-4276](#)



HPS Silicone Heater Coolant Hose Kit
Part Number [57-1872](#)



HPS Performance Front Strut Bar
For Toyota 2012-2014 Camry 2.5L 4cyl
Part Number [42-102](#)



HPS Performance Air Filter Cleaning Kit
Part Number [HPS-AFRC](#)

**Contact an authorized HPS Performance dealer or
visit us at hpsperformance.com for more details**