



## **Performance Air Intake Kit**

**Part Number: 827-718**

**Toyota 2012-2015 Tacoma 4.0L 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: 827-718

Line #	Description	Part Number	Qty
1	Air Intake Pipe	529-45	1
2	Bracket, "Z"	530-46	1
3	Bracket, "L", Short	530-516	1
4	Bracket, "L", Long	530-923	1
5	Bracket, Air Pump	530-928	1
6	Heat shield	531-927	1
7	HPS Performance Air Filter	HPS-4297	1
8	3.00" Straight Coupler x 2.50" Long	P3SC-300-L25	1
9	T-bolt Clamp for 3.00" Hose	SSTC-79-87	2
10	Embossed Clamp, 20mm - 32mm	EMSC-20-32	4
11	3/4" Heater Hose	HTHH-075-BLK	22 inches
12	7/8" Heater Hose	HTHH-087-BLK	3.5 inches
13	4mm Vacuum Hose	HTSVH4-BLK	20 inches
14	Bolt, M6 x 1.0, 12mm Long	HW-B6-12	3
15	Bolt, M6 x 1.0, 16mm Long	HW-B6-16	3
16	Bolt, M8 x 1.25, 16mm Long	HW-B8-16	1
17	Bolt, M4 x 0.7, 8mm Long	HW-B4-8	2
18	M6 Flat Washer 16mm OD	HW-FW6L	10
19	M8 Flat Washer 16mm OD	HW-FW8S	1
20	M6 Flange Nut	HW-N6	4
21	Rubber Vibration Mount x 1/2" Tall	HW-RM6-50	2
22	90" Degree - 3/4" OD Plastic Barb Fitting	HW-BF90-075	1
23	Bubble Edge Trim	BUBBLE EDGE TRIM	85 inches

- 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@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 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@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.***

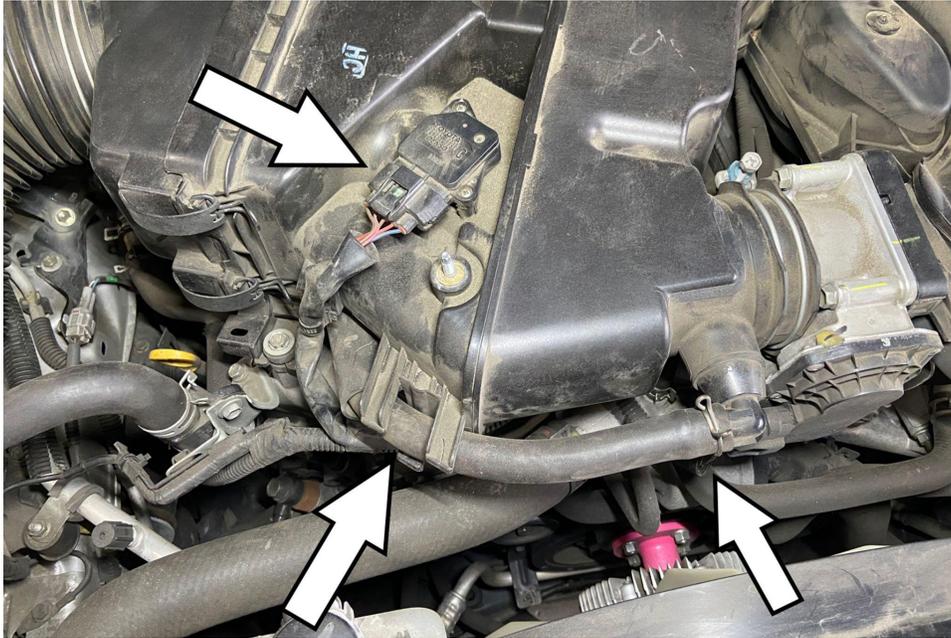
## **GETTING STARTED**

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.

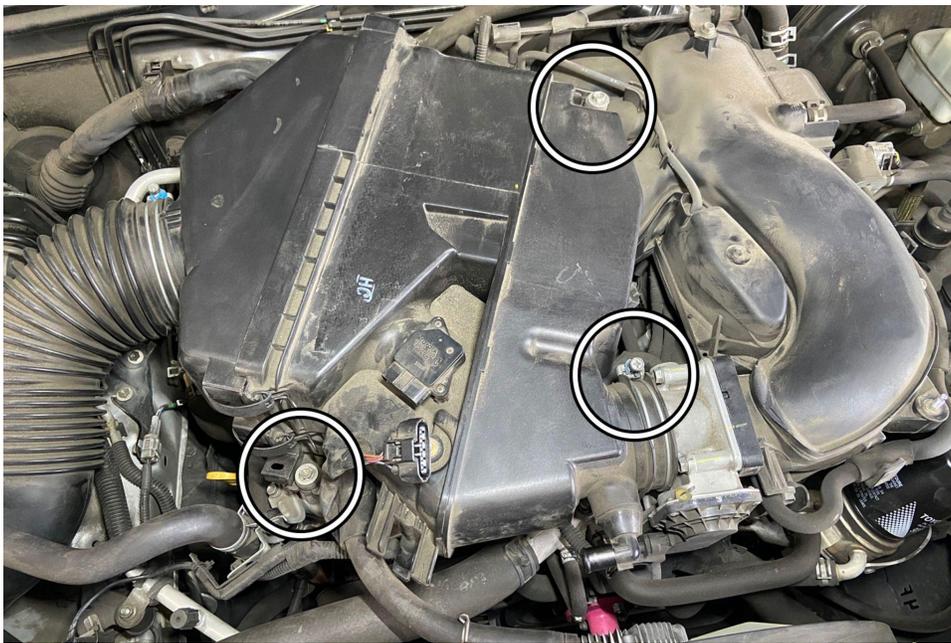
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your 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 two 10mm nuts securing the engine cover. Remove the engine cover from the vehicle.



3. Disconnect the mass air flow sensor harness connector from the sensor. Disconnect and unclip the crank case vent hose from the air box assembly.



4. Loosen the two 10mm bolts securing the upper air box assembly. Loosen the hose clamp securing the air box assembly to the throttle body.



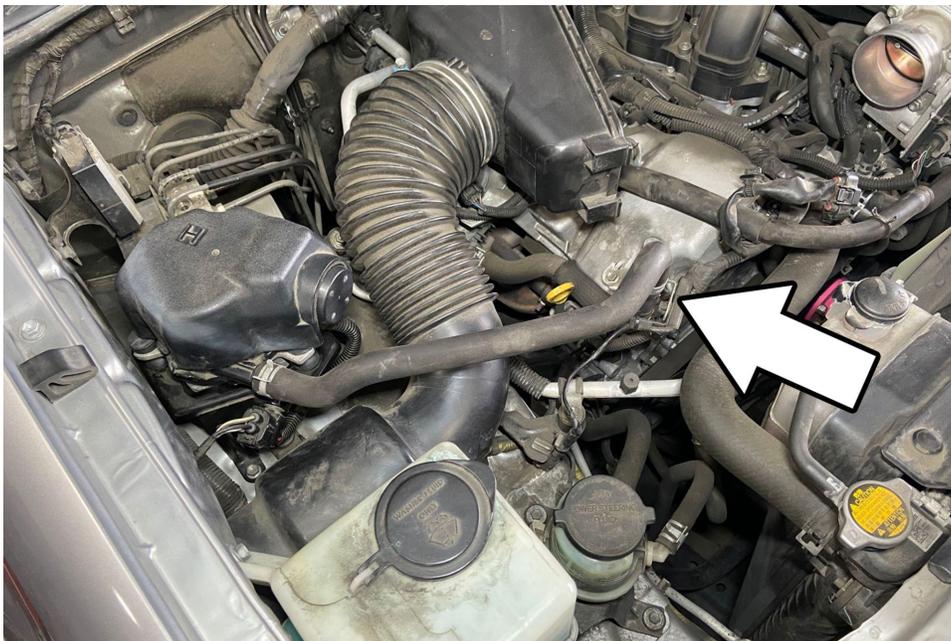
5. Loosen the retaining clips securing the air filter box.



6. Disconnect the vacuum hose from the back side of the air box assembly.



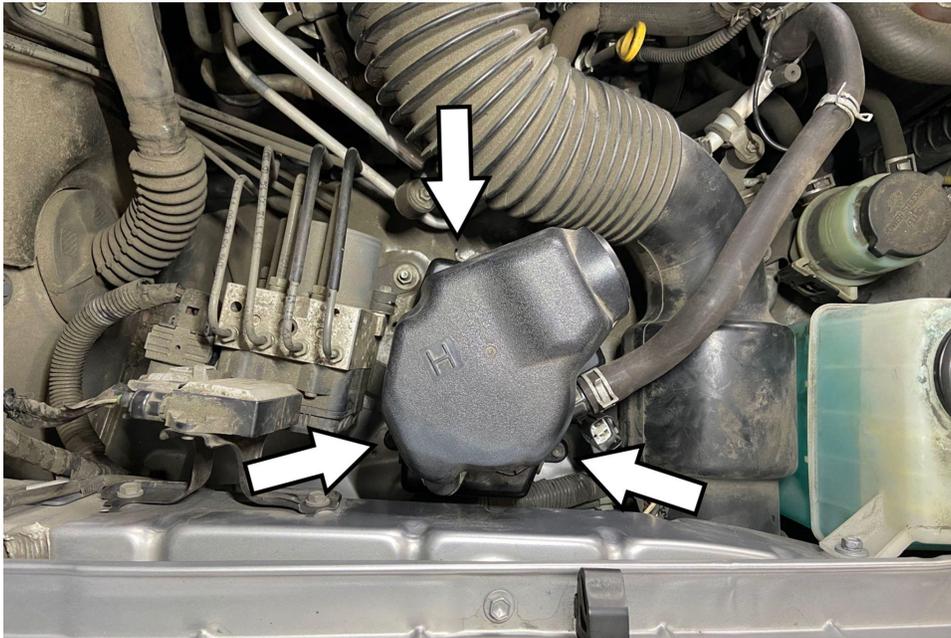
7. Disconnect the MAF sensor electrical harness clip from the air box assembly. Remove the airbox from the vehicle.



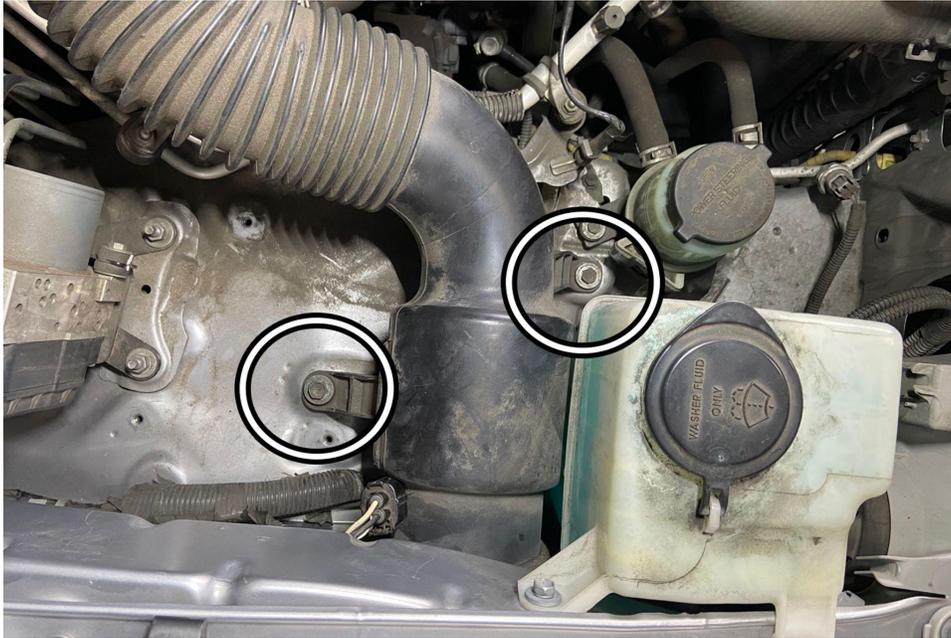
8. Disconnect the air pump hose from the engine.



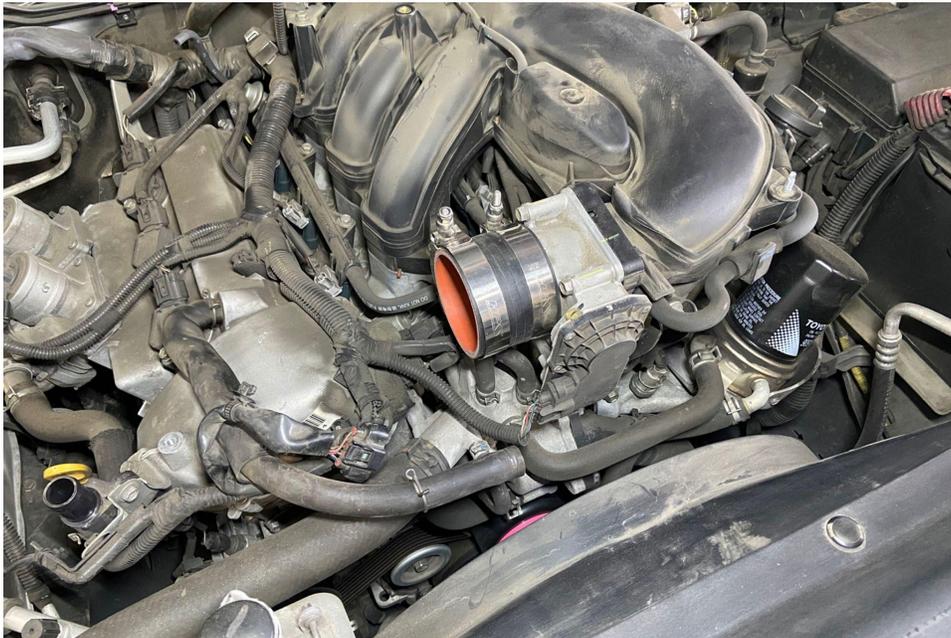
9. Disconnect the air pump electrical harness connector.



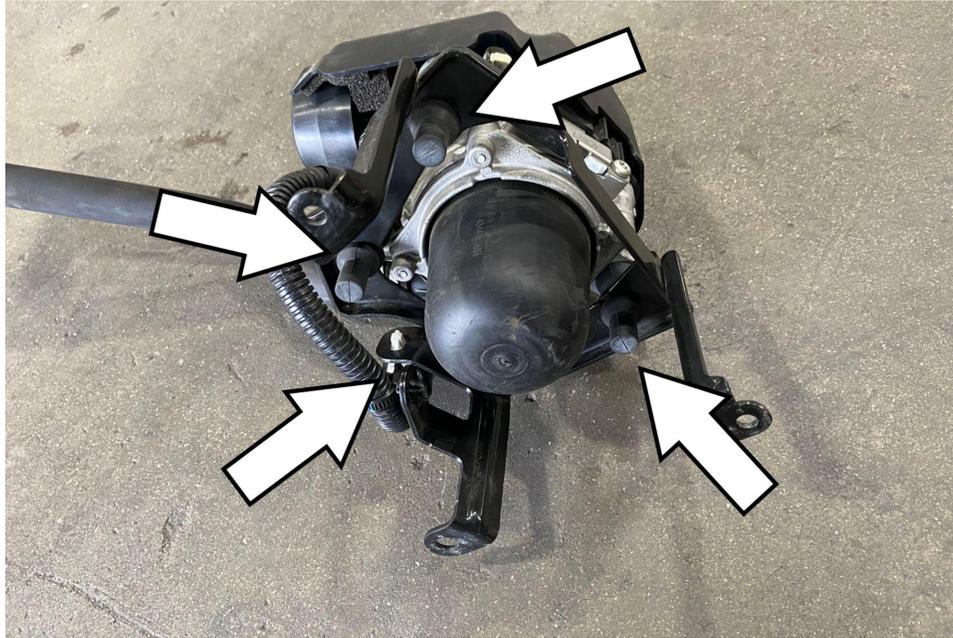
10. Remove the 10mm bolts (3) securing the air pump bracket and remove the air pump from the vehicle.



11. Remove the 12mm bolts (2) securing the air duct hose. Remove the hose from the vehicle.



12. Insert the silicone coupler along with the provided T-bolt clamps onto the throttle body.



13. Disconnect the electrical harness clips (2) from the air pump bracket. Carefully separate the air pump from the rubber grommets, then remove the three rubber mounts from the air pump bracket.



14. Remove the hose from the air pump. Reinstall the rubber grommets onto the air pump then install it onto the provided air pump bracket.



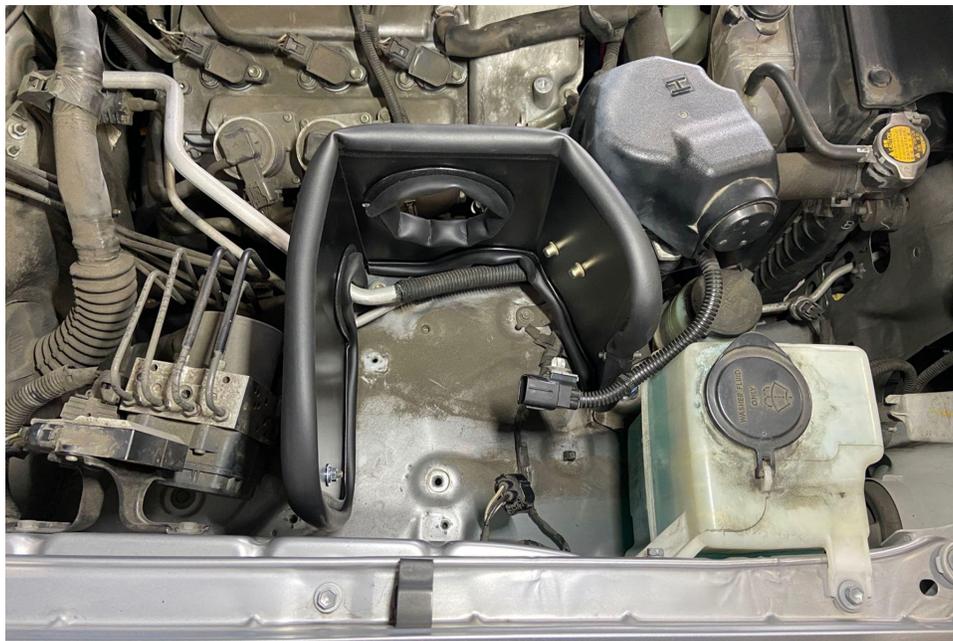
15. Install the provided bubble edge trim onto the HPS heat shield.  
(Note: bubble edge trim will need to be cut to length. 14.3" for the round opening.)



16. Secure the air pump bracket onto the HPS heat shield using the provided M6 x 16mm bolts (2) and washers (2).



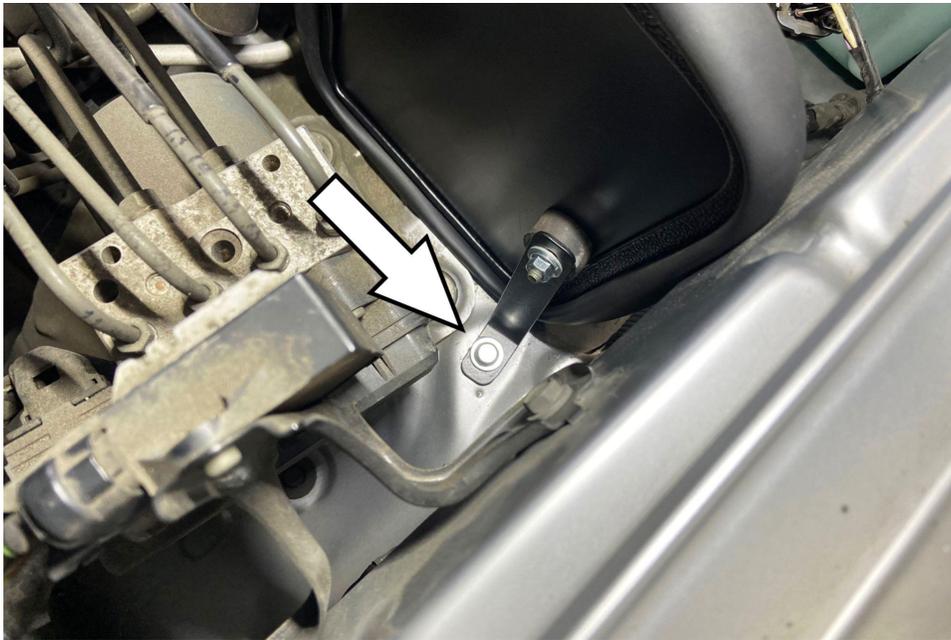
17. Secure the two rubber vibration mounts onto the heat shield from the outside going in using the provided M6 nuts (2) and washers (2).



18. Place the HPS heat shield into the vehicle.



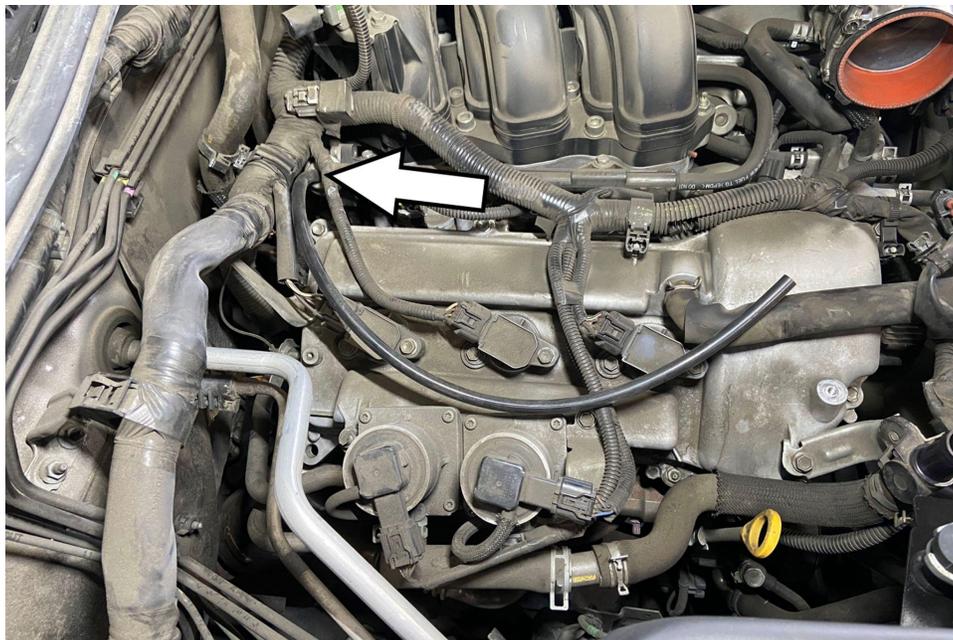
19. Insert and secure the longer "L" bracket onto the vibration mount using a provided M6 nut (1) and M6 washer (1). Secure the bracket to the factory air duct mount using the provided M8 x 16mm bolt (1) and M8 washer (1).



20. Insert and secure the shorter "L" bracket onto the vibration mount using a M6 nut (1) and M6 washer (1). Secure the bracket to the air pump mount using the provided M6 x 16mm bolt (1) and M6 washer (1).



21. Loosely install the "Z" bracket with the longer side on the intake pipe Using a provided M6 x 12mm bolt (1) and M6 washer (1). Remove the MAF sensor from the air box assembly. Secure the MAF sensor onto the HPS intake pipe using the provided M4 x 8mm bolts (2).



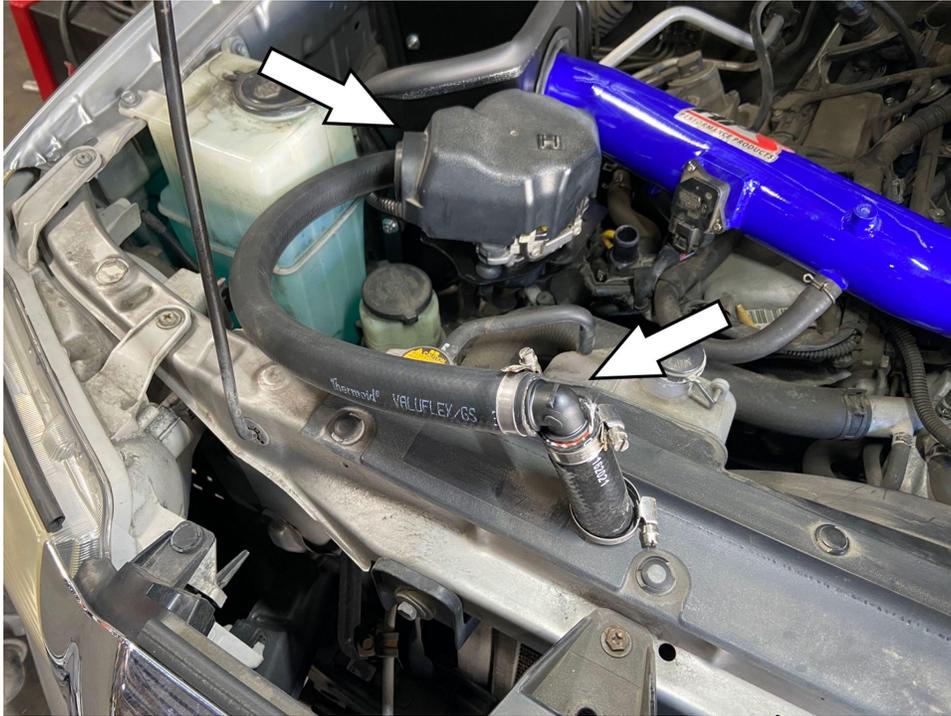
22. Remove the factory vacuum hose from the location shown above and replace it with the provided 4mm vacuum hose.



23. Insert the HPS intake pipe into the throttle body and secure the intake bracket to the factory air box mount using a M6 x 12mm bolt (1) and washer (1).



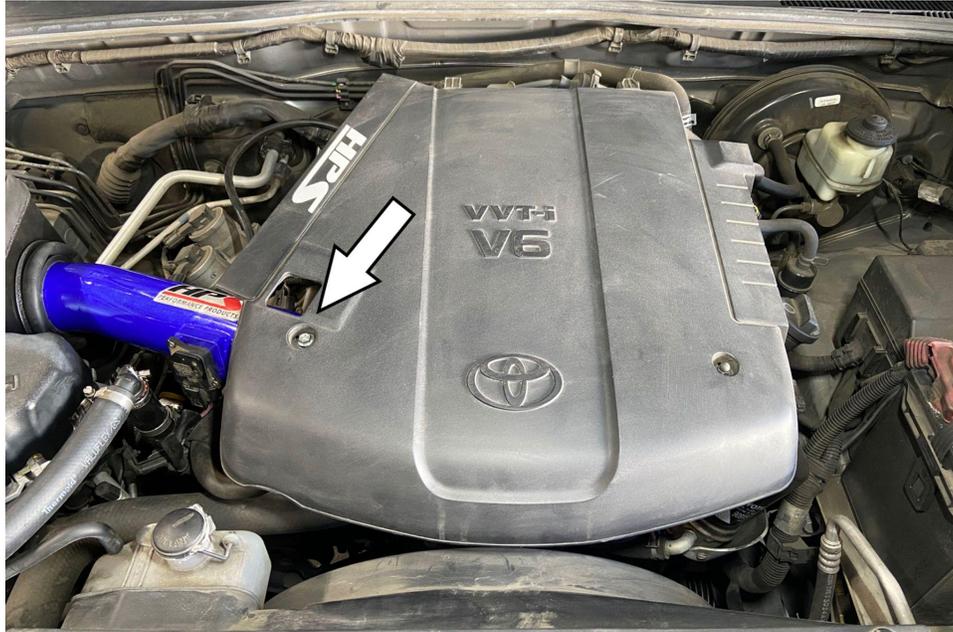
24. Insert the vacuum hose from step 22 and the factory crank case vent hose onto the HPS intake pipe. Reconnect the MAF sensor harness connector.



25. Install the provided heater hoses onto the 90 degree barb connector. Secure the  $\frac{3}{4}$ " hose onto the air pump side using the provided embossed clamps (2). Secure the  $\frac{7}{8}$ " hose onto the air pump barb on the engine using the provided embossed clamps (2).



26. Install the provided HPS performance air filter.



27. Place the engine cover back into the vehicle. Secure the cover to the intake pipe using the M6x12mm bolt (1) and M6 washer (1).

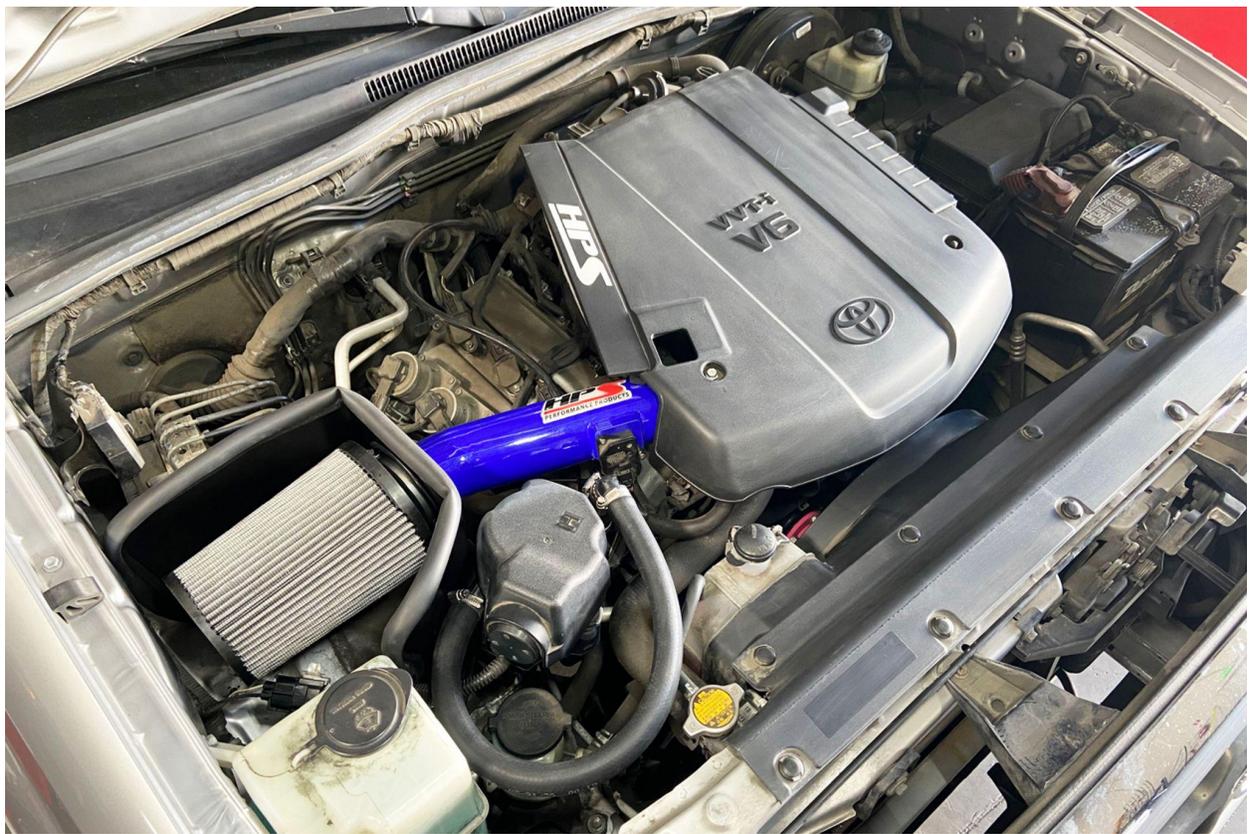
## **FINAL STEPS**

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.



**Also available for Toyota 2012-2015 Tacoma 4.0L V6**



**HPS Silicone Radiator Hose Kit**

**[Part Number 57-1784](#)**



**HPS Silicone Heater Hose Kit**

**[Part Number 57-1469](#)**



**HPS Magnetic Drain Plug**

**[Part Number MDP-M12x125](#)**

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