



Performance Air Intake Kit

Part Number: 827-726

Toyota 2022-2024 Tundra 3.4L Turbo
Toyota 2023-2024 Sequoia 3.4L Turbo

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: 827-726

Line #	Description	Part Number	Qty
1	Intake Pipe, Passenger Side	529-915	1
2	Intake Pipe, Driver Side	529-916	1
3	"L" Bracket, Passenger Side	530-919	1
4	"L" Bracket, Driver Side	530-920	1
5	Heat Shield, Driver Side	531-917	1
6	Heat Shield, Passenger Side	531-918	1
7	Performance Air Filter	HPS-4303	2
8	2.38" - 2.50" Reducer Coupler x 3" Long	P3SR-238-250-L3	2
9	2.75" - 3.50" Reducer Coupler x 3" Long	P3SR-275-350-L3	2
10	Embossed Clamp, 16mm - 27mm	EMSC-16-27	6
11	Embossed Clamp, 50mm - 70mm	EMSC-50-70	2
12	Embossed Clamp, 60mm - 80mm	EMSC-60-80	4
13	Embossed Clamp, 80mm - 100mm	EMSC-80-100	2
14	Bolt, M4 x 0.5, 8mm Long	HW-B4-8	4
15	Bolt, M6 x 1.0, 12mm Long	HW-B6-12	4
16	Bolt, M6 x 1.0, 16mm Long	HW-B6-16	2
17	M6 Flange Nut	HW-N6	2
18	M6 Flat Washer 16mm OD	HW-FW6L	8
19	5/8" 90 Degree Barb Fitting	HW-BF90-062	1
20	3.50" - 6.00" Velocity Stack	HW-VS-350-600	2
21	5/8" EPDM Hose	EPDM-062	3 inches
22	5/8" EPDM Hose	EPDM-062	7 inches
23	5/8" EPDM Hose	EPDM-062	9 inches
24	Bubble Edge Trim	BUBBLE EDGE TRIM	52 inches
25	Bubble Edge Trim	BUBBLE EDGE TRIM	53 inches
26	Venturi Sleeve 2.75" reduce to 2.50"	HW-VEN-275-250 V2	2

- 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

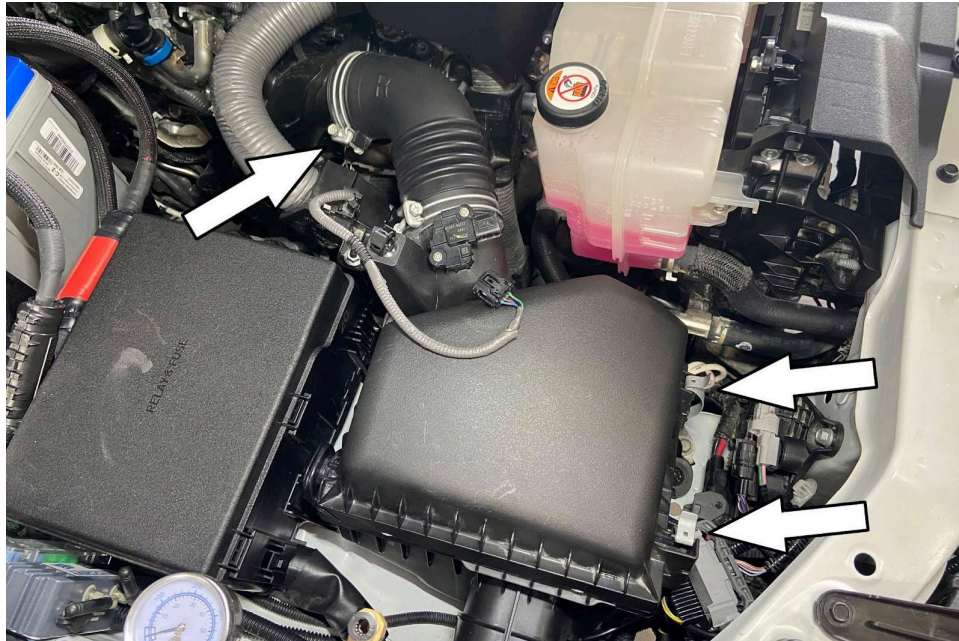
1. Turn the ignition OFF and disconnect the vehicle's negative battery cable. If the engine has run within the past two hours let it cool down.

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.

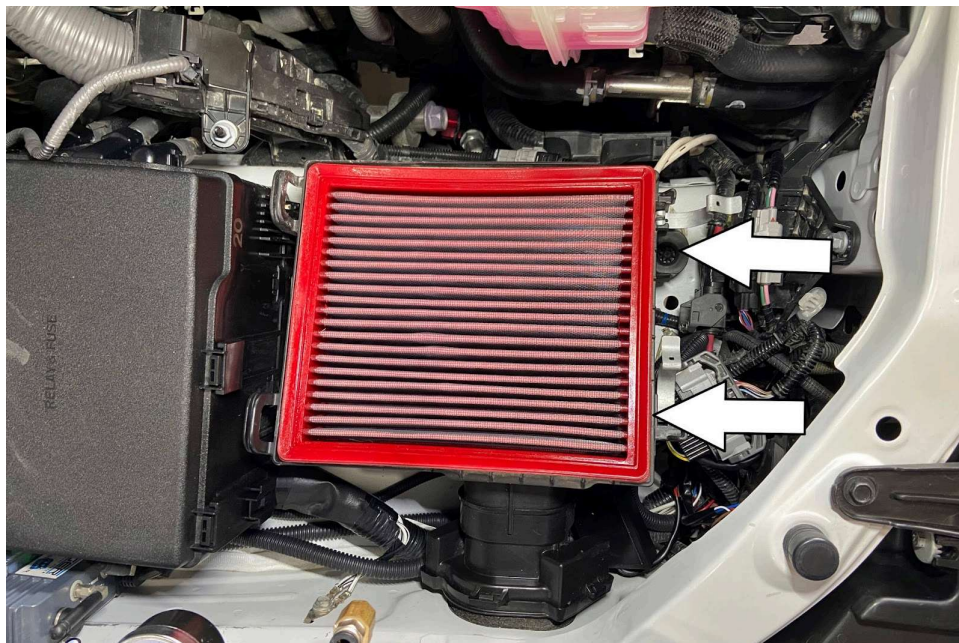
Passenger Side



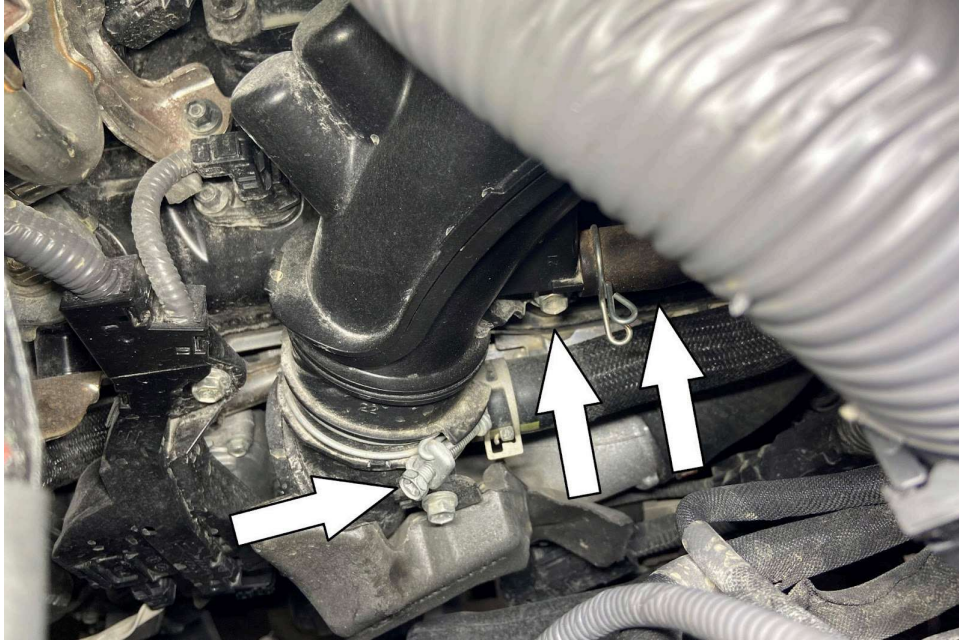
2. Disconnect the mass air flow sensor harness and unclip the electrical harness from the air box.



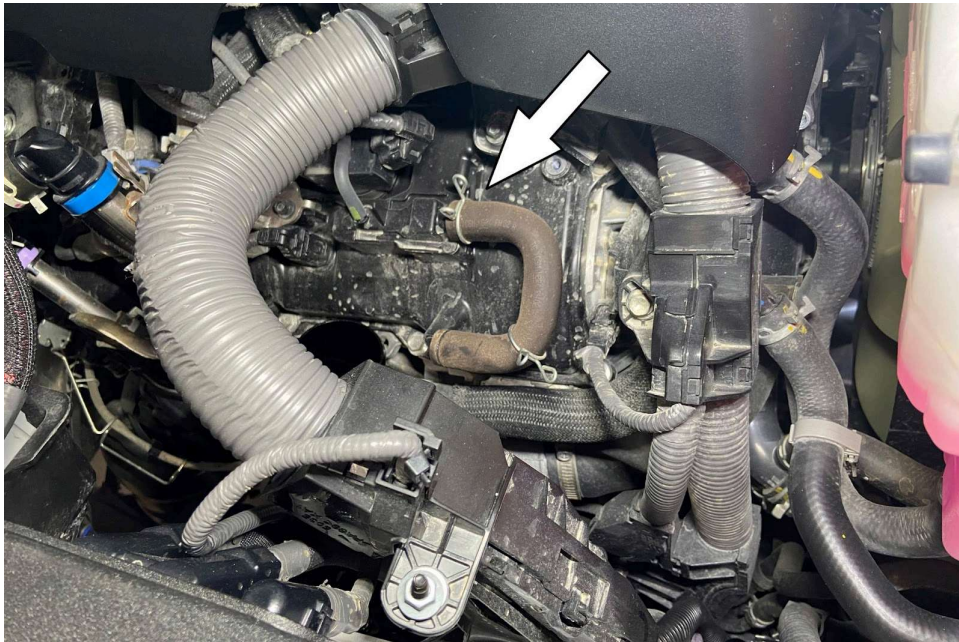
3. Unclip the upper air box assembly. Loosen the hose clamp securing the factory intake hose from the turbo inlet. Remove the upper air box assembly along with the intake hose from the engine bay.



4. Lift the lower air box assembly from its grommets to remove the lower air box from the engine bay.



5. Disconnect the breather hose from the turbo inlet housing. Remove the 10mm bolt securing the turbo inlet to the engine. Loosen the hose clamp securing the turbo inlet from the turbo and remove the housing from the engine bay.



6. Disconnect the other side of the breather hose from the valve cover.



7. Install the 2.38" - 2.50" reducer coupler along with the provided EMSC clamps onto the turbo inlet.



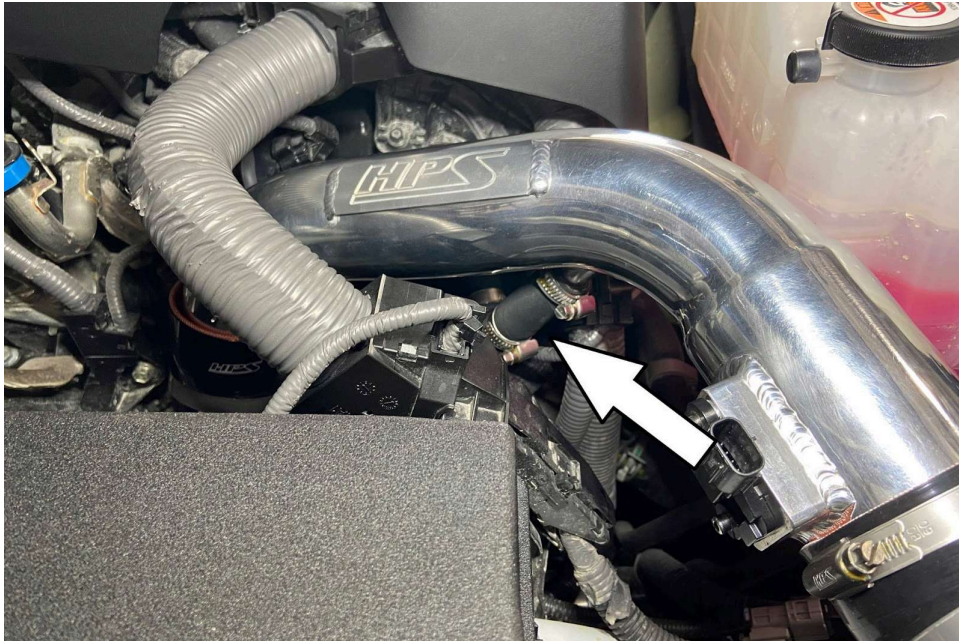
8. Remove the mass air flow sensor from the factory air box and secure it to the HPS intake pipe using the provided 4mm Allen bolts (2). Insert the MAF sleeve into the intake pipe



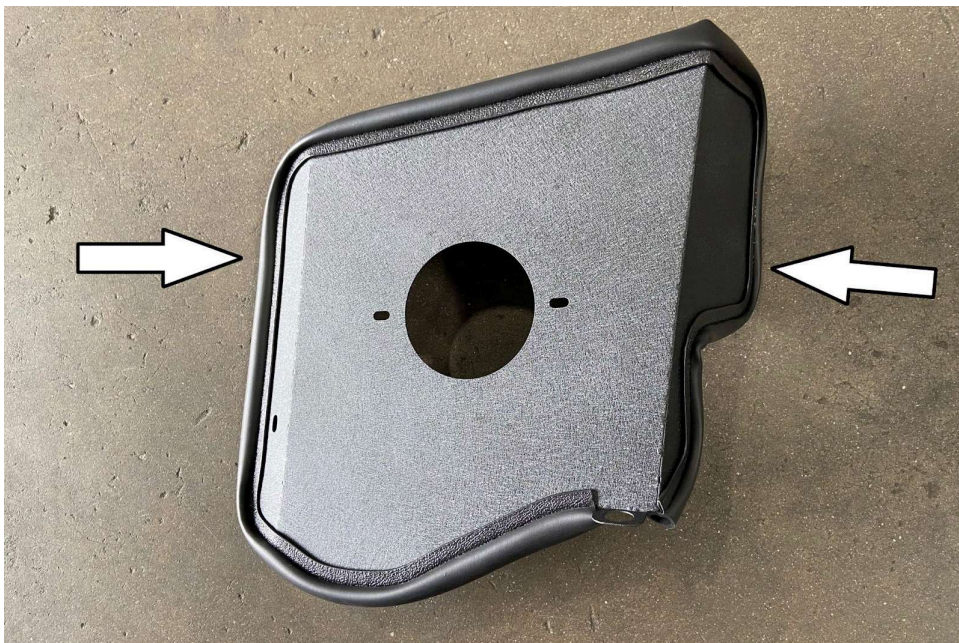
9. Insert the intake pipe into the coupler on the turbo inlet. Secure the 2.75" - 3.50" reducer coupler onto the intake pipe along with the provided EMSC clamps.



10. Secure the 3 inch and 7 inch EPDM hoses onto the 90 degree plastic barb fitting using the provided EMSC clamps (4).



11. Connect and secure the longer leg of the hose assembly onto the valve cover and the shorter leg to the intake pipe.



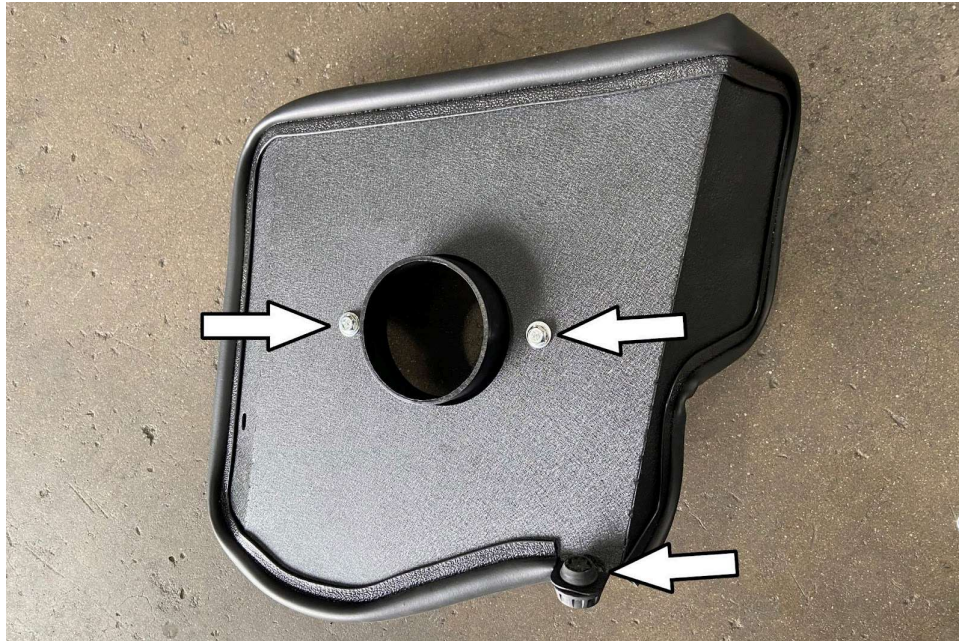
12. Install the provided 53 inch long bubble edge trim onto the passenger side heat shield.



13. Remove the factory rubber grommets from the lower air box.



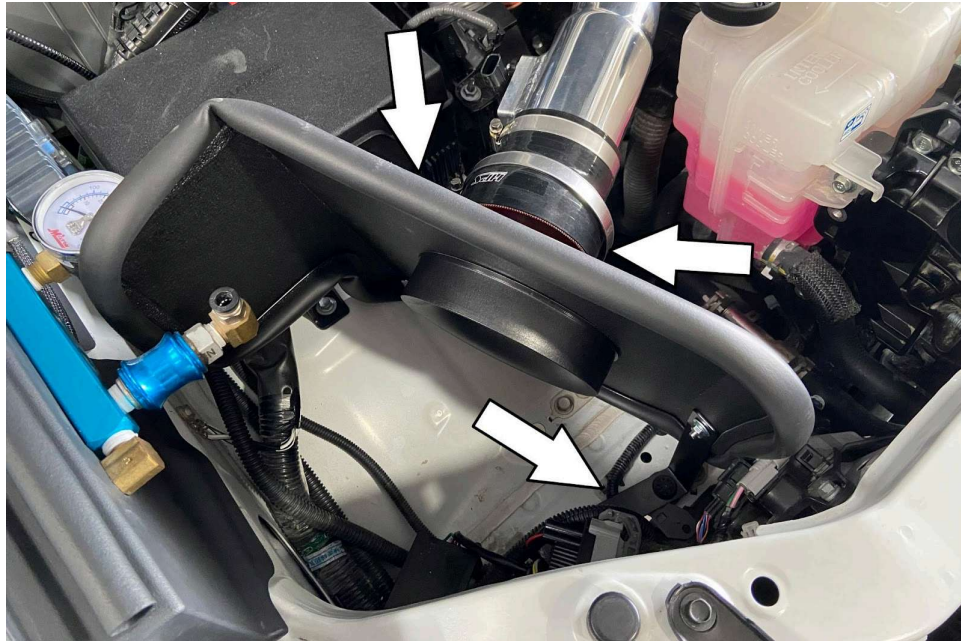
14. Insert two factory rubber grommets into the passenger side "L" bracket.



15. Insert the third factory rubber grommet into the heat shield as shown in the image above.



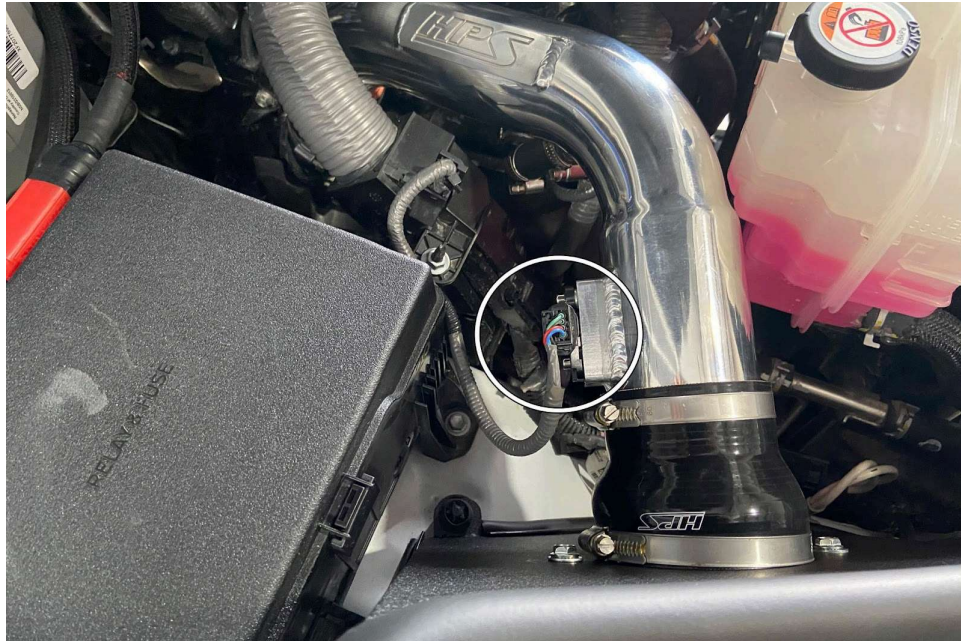
16. Loosely install the "L" bracket onto the heat shield using the provided M6x16mm bolt (1), washers (2), and nut (1).



17. Loosely place the heat shield into the engine bay and slip the coupler over the velocity stack. Once attached, press the rubber grommets into their mounting points. Position the intake pipe into place then secure the hose clamps and "L" bracket.

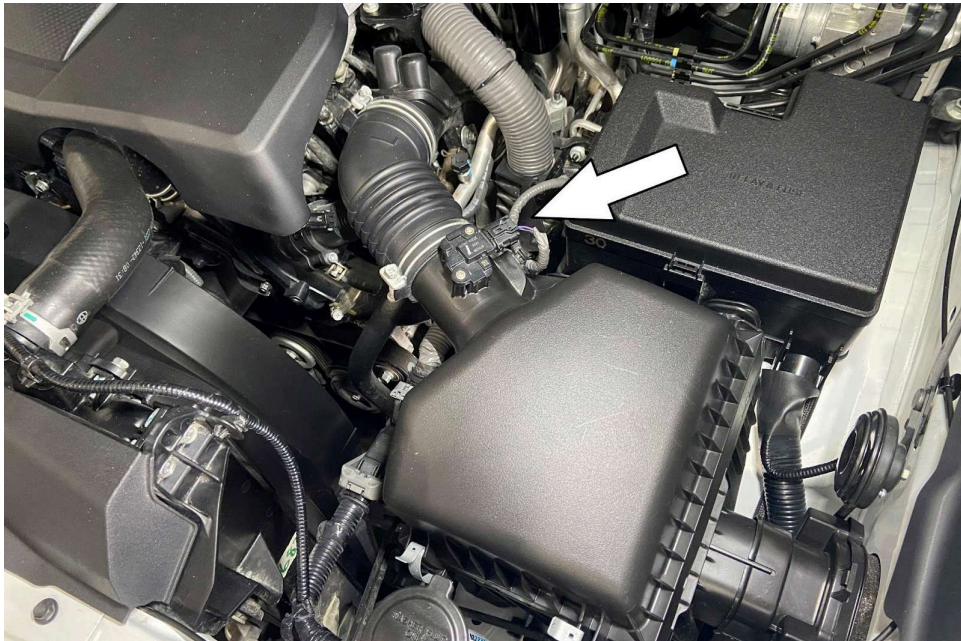


18. Install the HPS Performance Air Filter.

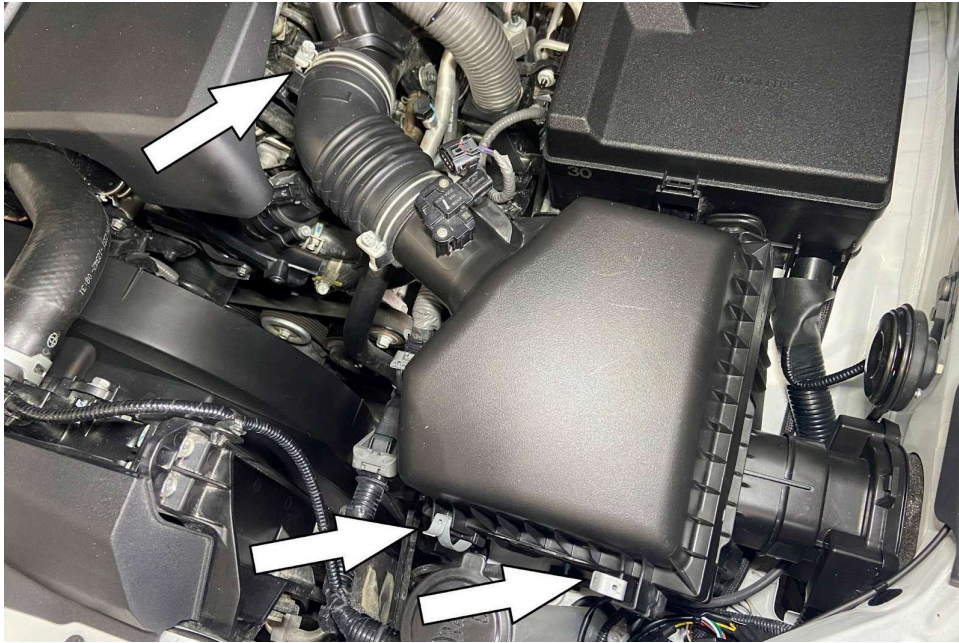


19. Reconnect the mass air flow sensor harness.

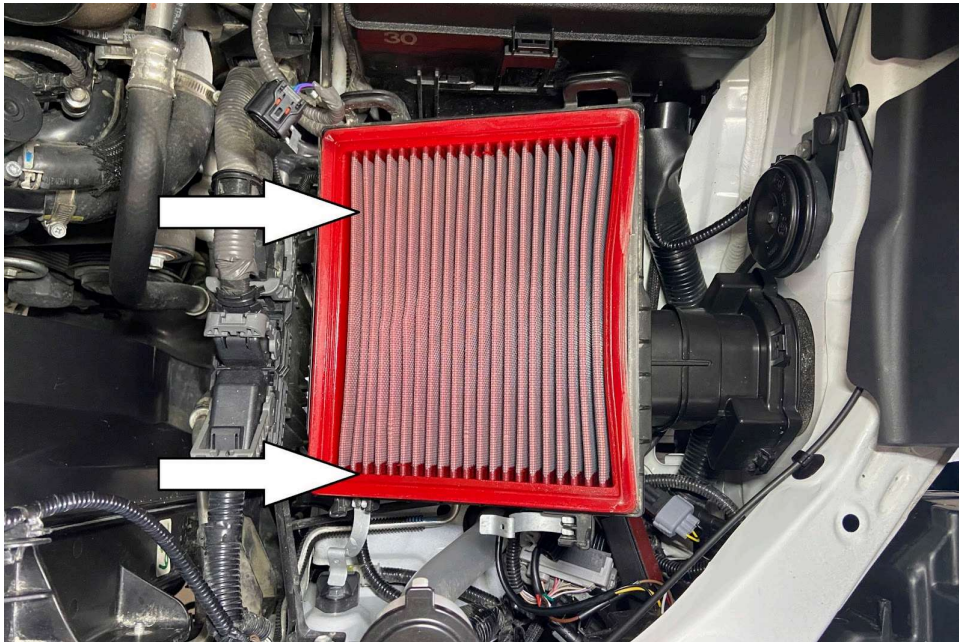
Driver Side



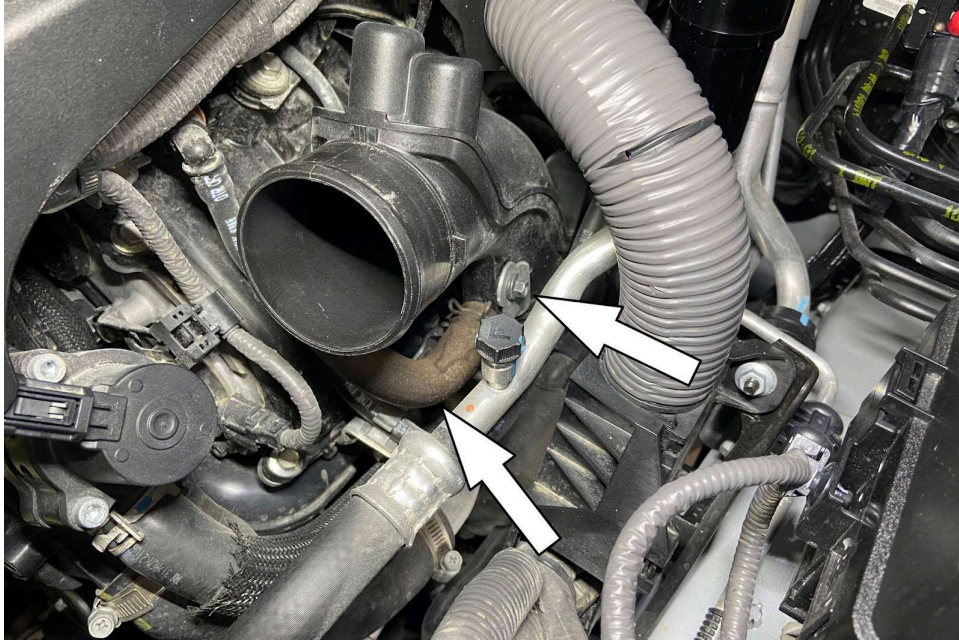
20. Disconnect the mass air flow sensor harness and unclip the electrical harness from the air box.



21. Unclip the upper air box assembly. Loosen the hose clamp securing the factory intake hose from the turbo inlet. Remove the upper air box assembly along with the intake hose from the engine bay.



22. Lift the lower air box assembly from its grommets to remove the lower air box from the engine bay.



23. Disconnect the breather hose from the turbo inlet elbow. Remove the 8mm bolt that secures the turbo inlet to the bracket.



24. Loosen the hose clamp securing the turbo elbow to the turbo and remove it from the engine bay.



25. Install the 2.38" - 2.50" reducer coupler onto the turbo inlet using the provided EMSC clamps.



26. Remove the mass air flow sensor from the factory air box and secure it to the HPS intake pipe using the provided 4mm Allen bolts (2). Insert the MAF sleeve into the intake pipe.



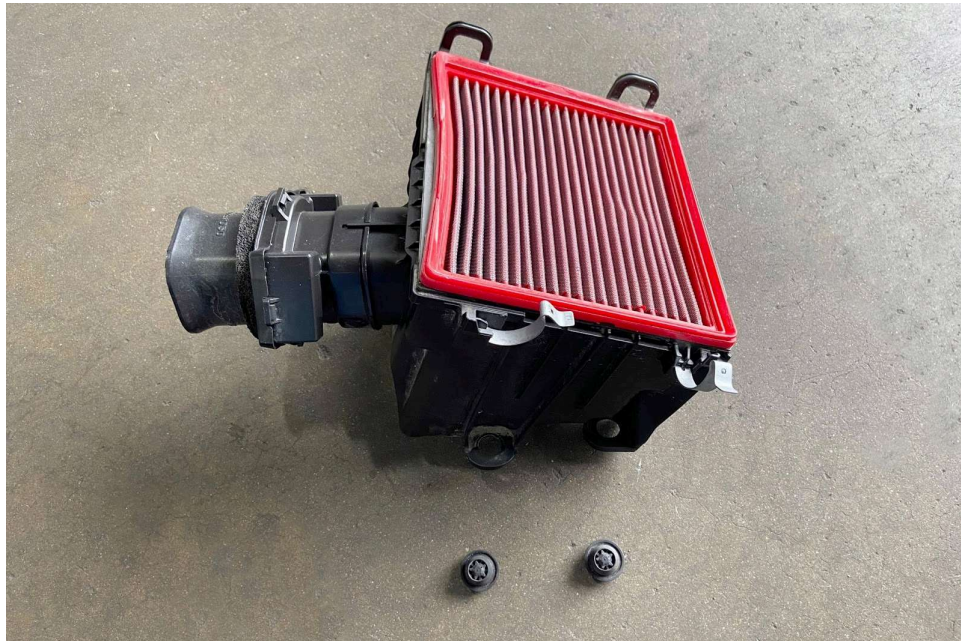
27. Secure the 2.75" - 3.50" reducer coupler onto the intake pipe using the provided EMSC clamp.



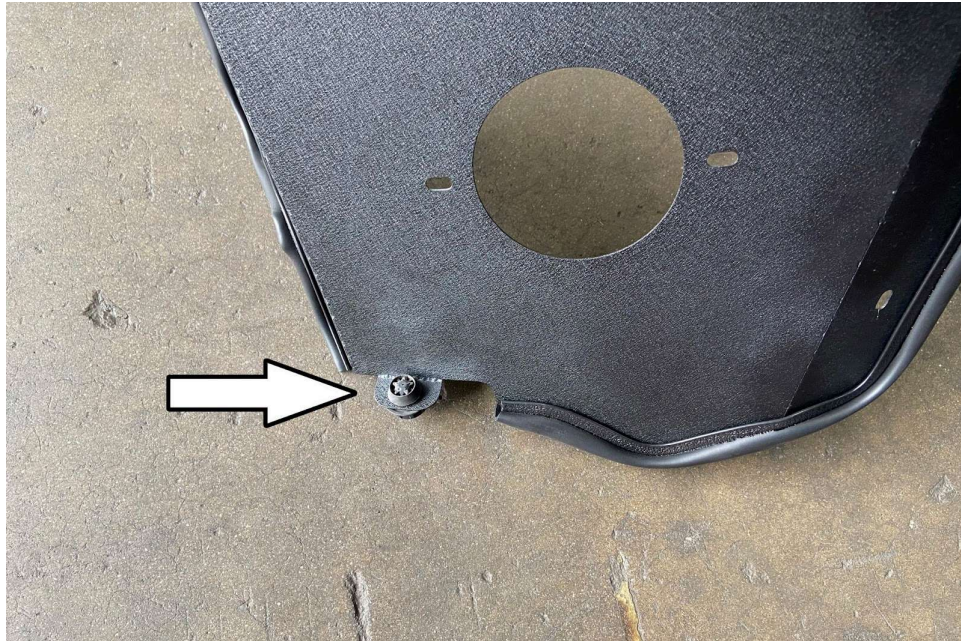
28. Insert the intake pipe into the turbo inlet coupler.



29. Install the provided 52 inch long bubble edge trim onto the passenger side heat shield.



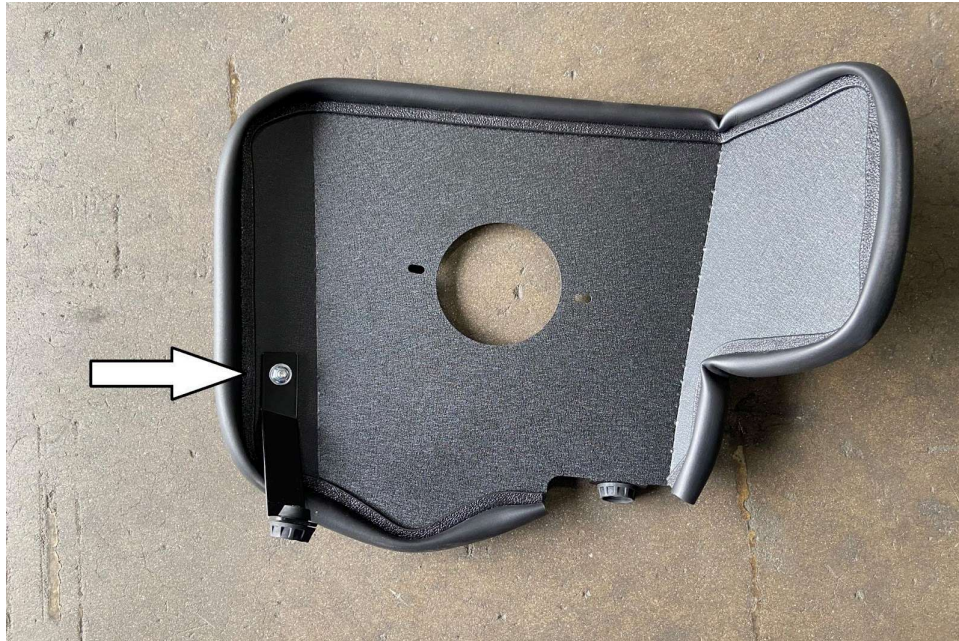
30. Remove the factory rubber grommets from the lower air box.



31. Insert one rubber grommet into the heat shield as shown in the image above.



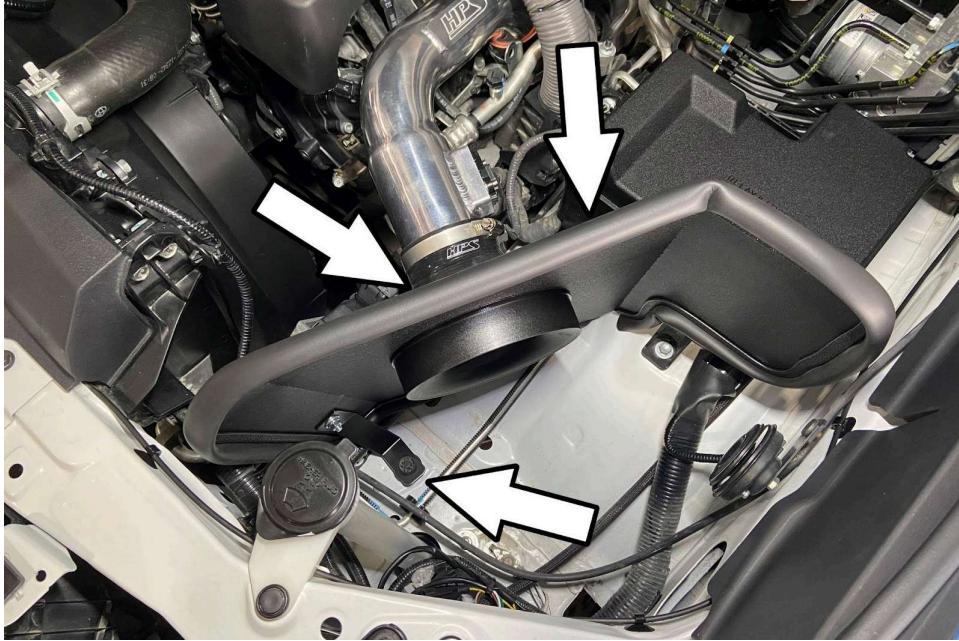
32. Insert factory rubber grommet into the driver side "L" bracket.



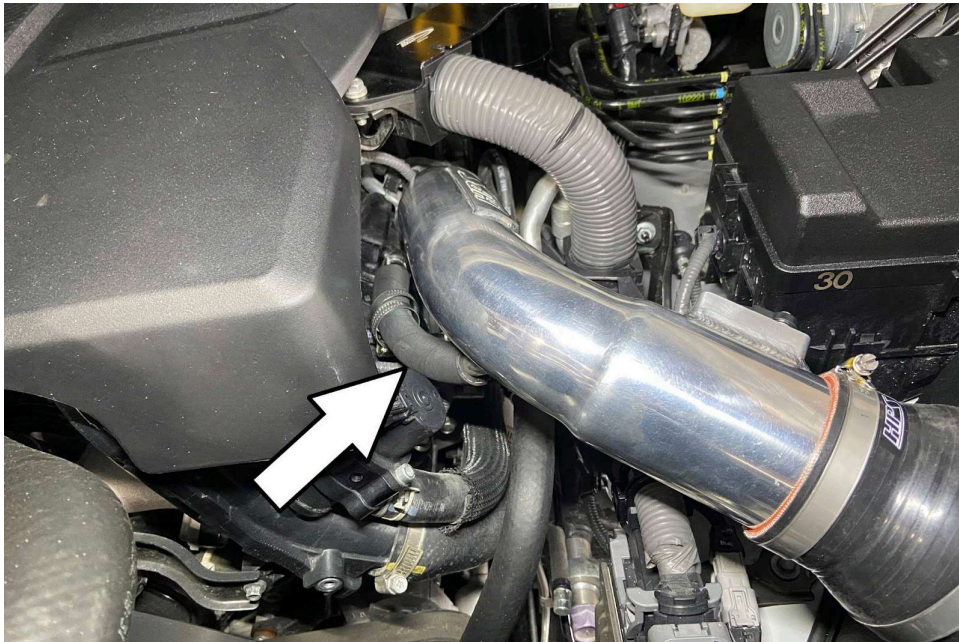
33. Loosely install the "L" bracket onto the heat shield using the provided M6x16mm bolt (1), washers (2), and nut (1).



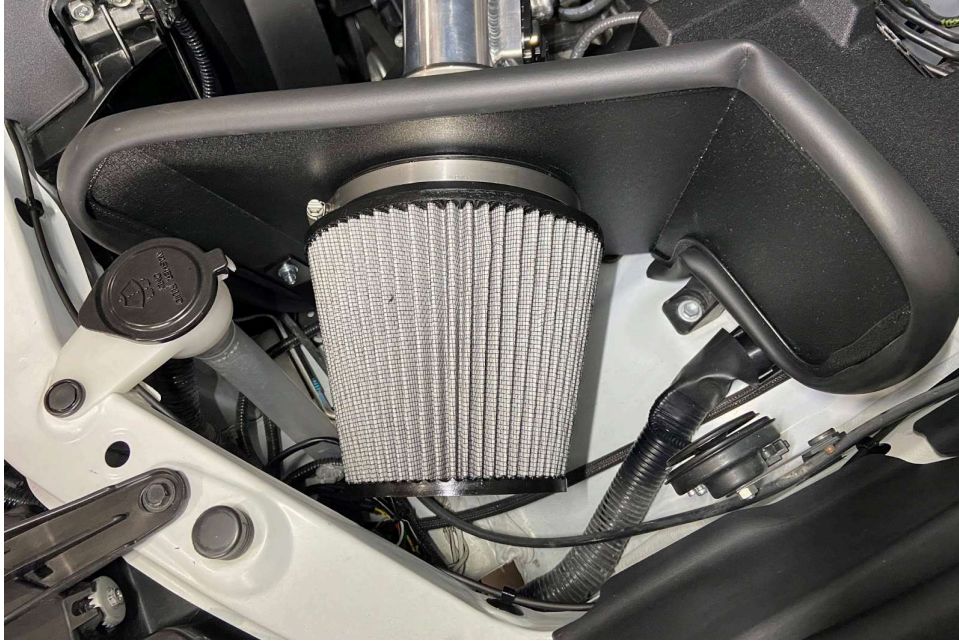
34. Install the velocity stack onto the heat shield using the provided M6x12mm bolts (2) and washers (2)



35. Loosely place the heat shield into the engine bay and slip the coupler over the velocity stack. Once attached, press the rubber grommets into their mounting points. Position the intake pipe into place then secure the hose clamps and "L" bracket.



36. Connect and secure the provided 9 inch EPDM hose to the valve cover and intake pipe using the provided EMSC clamps.



37. Install the HPS Performance Air Filter.



38. Reconnect the mass air flow sensor harness.

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 pipes. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.

