



Performance Air Intake Kit with Heat Shield

Part Number: 827-595

Toyota 2016-2022 Tacoma 3.5L V6

Installation Instructions

For technical inquiries please email us at 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: 827-595

Line	Description	Part Number	Qty	Check
1	3.5" Intake pipe	529-329	1	
2	Heatshield	531-330	1	
3	Heatshield Cover	531-331	1	
4	6" HPS Air Filter	HPS-4303	1	
5	Velocity Stack 3.5" to 6" inlet	HW-VS-350-600	1	
6	3.5" - 3.25" MAF venturi sleeve (Version B)	HW-VEN-350-325-B	1	
7	3.12" - 3.5" reducer, 3" long	P3SR-312-350	1	
8	3.5" Hump Coupler, 3" long	P3SHC-350	1	
9	T-Bolt clamp for 3.12" coupler	SSTC-86-94	1	
10	T-Bolt clamp for 3.5" coupler	SSTC-95-103	3	
11	4mm Allen Bolts 8mm long	HW-B4-8	2	
12	6mm Bolt 16mm long	HW-B6-16	2	
13	6mm Bolt 12mm long	HW-B6-12	2	
14	6mm Flat Washer 16mm OD	HW-FW6L	4	
15	8mm Bolt 16mm long	HW-B8-16	1	
16	8mm Flat Washer 24mm OD	HW-FW8L	1	
17	M5 allen bolts for heat shield	HW-B5-12	7	
18	Zinc-Plated Low-Carbon Steel, 9.5mm OD, 6.1 mm ID, 6 mm Long	93441A502	1	
19	Rubber Grommet 10mm ID	HW-RG10	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 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

PLEASE READ CAREFULLY BEFORE INSTALLATION!

This installation is not for the novice customer. Install this system with EXTREME caution! Misuse of this product can destroy your engine! If you are not well versed in the installation of intakes and if you are not mechanically inclined, please have a tuner shop install this kit.

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

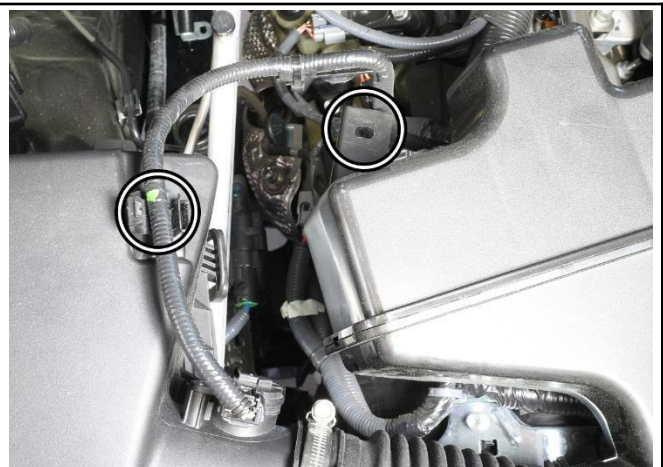
GETTING STARTED

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.



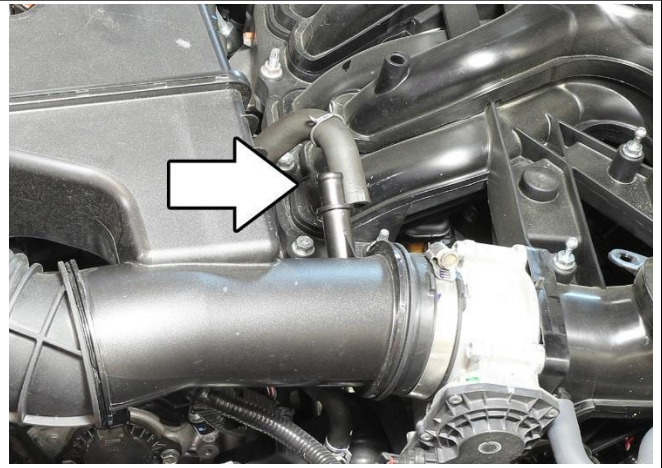
2. Uninstall the engine cover by lifting at the front edge then releasing it by the 2 points illustrated in the image. Remove the engine cover from the vehicle.



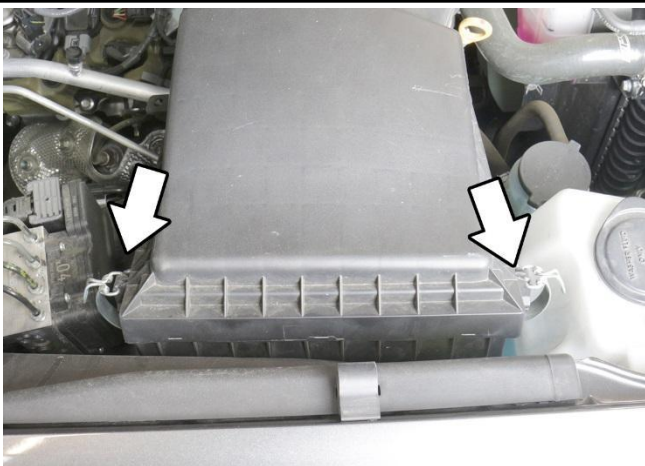
3. Using a flat head screwdriver, release the clips holding in the MAF sensor harness.



4. Disconnect the harness from the MAF sensor.



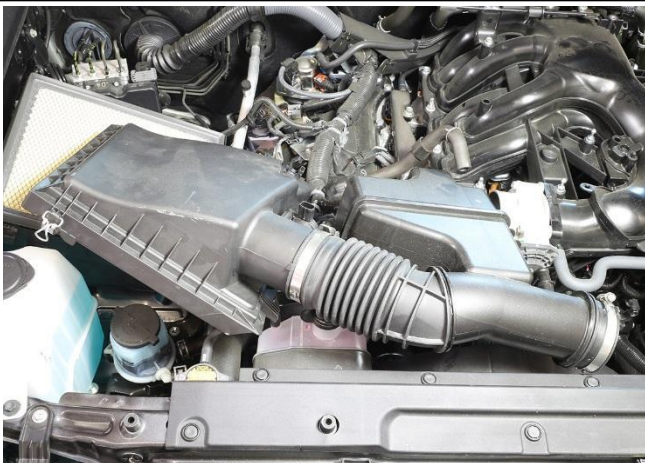
5. Release the spring clip then disconnect the breather hose from the air intake tube.



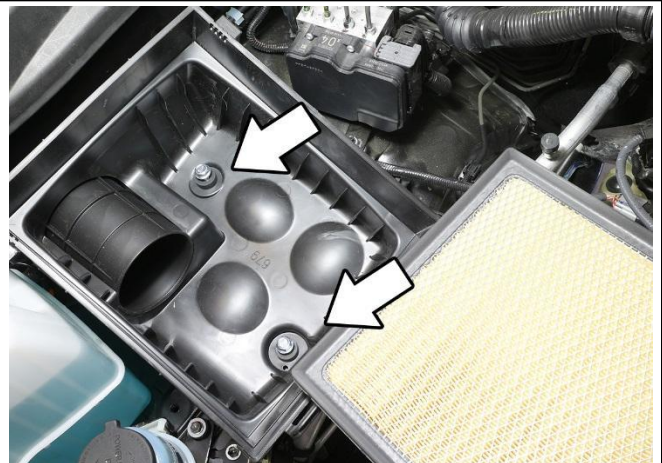
6. Unbuckle the air box cover from the 2 points illustrated.



7. Loosen the hose clamp and remove the air intake tube from the throttle body.



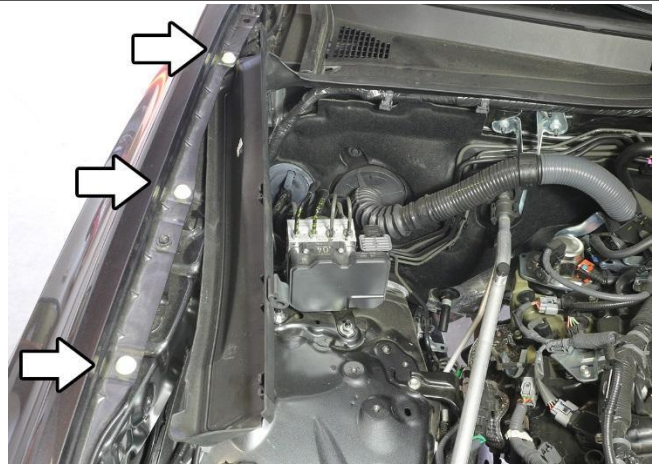
8. Remove the air box and intake tube from the engine bay.



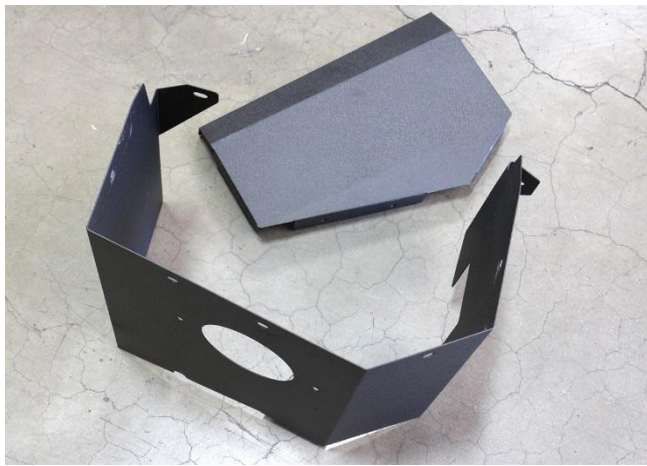
9. Remove the air filter from the air box base. Remove the 2 bolts from the lower air box assembly using a 12mm socket.



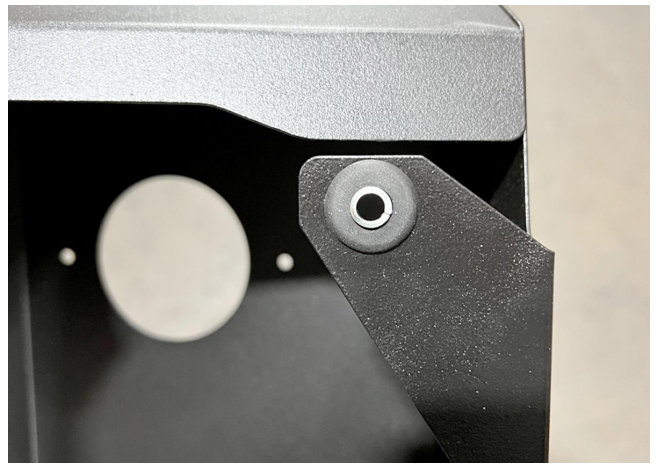
10. Remove the air box base from the engine bay.



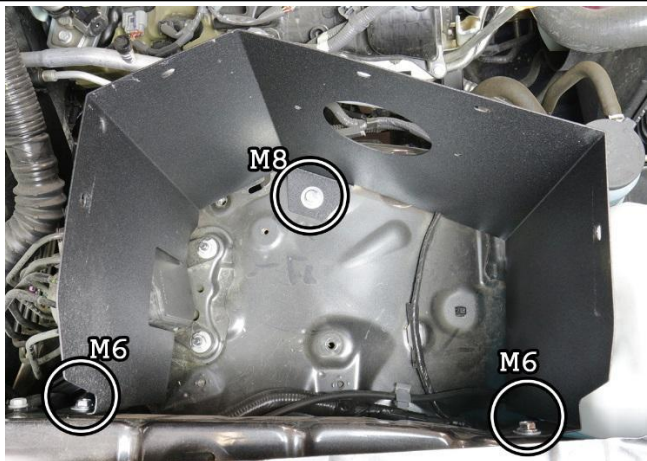
11. Carefully remove the plastic trim from the passenger side of the engine bay.



12. Prepare the heat shield for installation. Remove the 5 allen screws to separate the lid from the heat shield.



13. Install the provided rubber grommet into the larger mounting hole first, then install the provided steel sleeve inside the grommet.



14. Install the heat shield into the engine bay as shown. Use a M6 washer and 16mm long bolt to secure each of the sides. Use a M8 washer and bolt to secure the base.



15. Install the silicone reducing coupler onto the throttle body. Secure it to the throttle body using the smaller T-bolt clamp.



16. Install the plastic sleeve into the intake pipe as shown.



17. Remove the MAF sensor from the factory air box and install it onto the HPS intake pipe using the M4 allen screws provided. Loosely install the silicone hump coupler and T-bolt clamps onto the intake pipe.



18. Slide the intake pipe into the coupler on the throttle body.



19. Position the hump coupler so that it is in line with the opening on the heat shield. Slide the Velocity stack into the opening on the heat shield and insert it into the hump coupler.



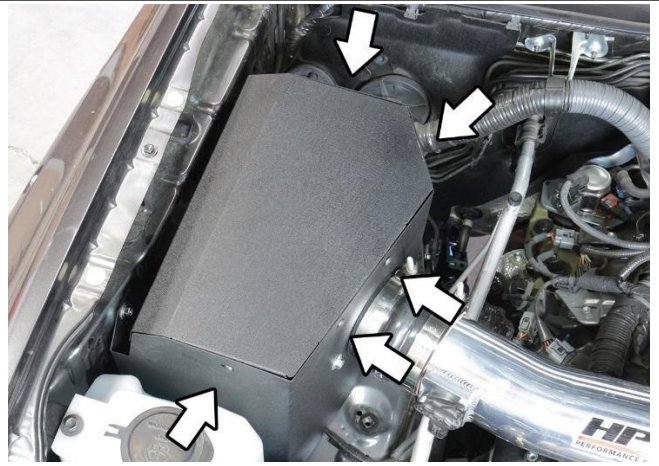
20. Rotate the velocity stack so that the 2 bolt holes are visible through the heat shield. Secure the velocity stack to the heat shield using M6 x 12mm bolts and washers.



21. Connect the breather hose to the intake pipe and slide the spring clamp over to secure the hose.



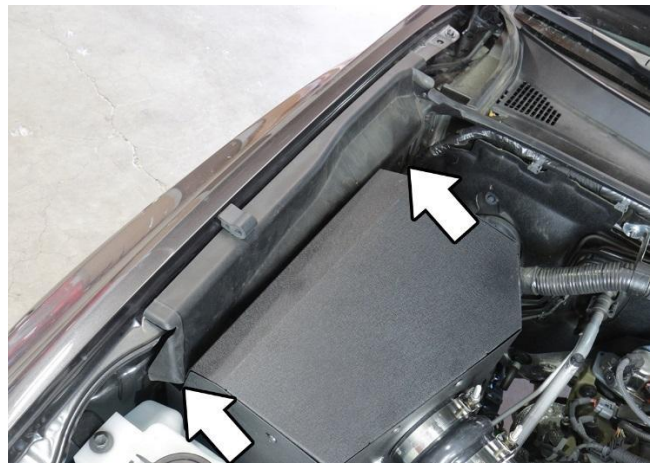
22. Install the HPS air filter onto the velocity stack and secure it using a flat head screwdriver.



23. Install the lid onto the heat shield and secure it with the allen screws removed in step 12.



24. Connect the MAF sensor harness.



25. Reinstall the plastic trim along the passenger side fender.



26. Rotate and position the T-bolt clamps to your desired position so as to not obstruct any surrounding items.



27. Re-install the engine cover.

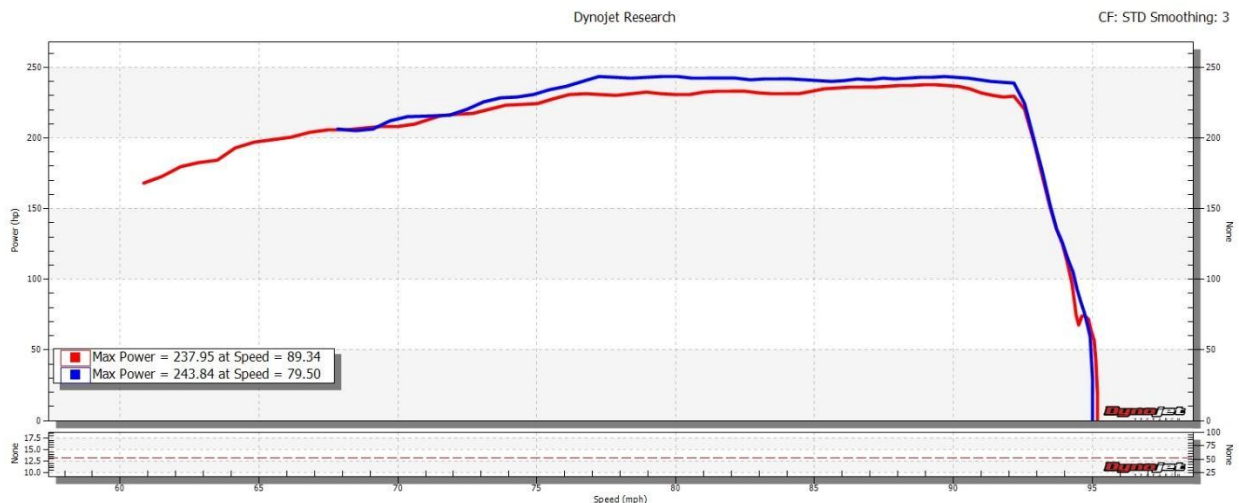
Final Steps

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 the vehicle. 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 Silicone Radiator Hose Kit (Black/Blue/Red) with Stainless Steel Clamps
is now available for Toyota 16-22 Tacoma 3.5L V6 !**

Part Number: 57-1581



Contact our authorized dealers for the best pricing

or

Visit our website at www.hpsperformanceproducts.com for more details