



Performance Air Intake Kit

Part Number: 827-630

2012-2021 Toyota Tundra 5.7L V8
2012-2022 Toyota Sequoia 5.7L V8

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: 827-630

Line #	Description	Part Number	Qty
1	Air Intake Pipe	529-986	1
2	Heat-Shield	531-410	1
3	HPS Performance Air Filter	HPS-4304	1
4	Reducer Coupler, 3-1/2" - 4" ID, 3" Length	P3SR-350-400-L3	1
5	Reducer Coupler, 4" - 4-1/4" ID, 2-1/2" Length	P3SR-400-425-L25	1
6	Bracket, "L"	530-408	1
7	Bracket, "C"	530-409	1
8	T-Bolt Clamp, 114mm - 122mm	SSTC-114-122	1
9	T-Bolt Clamp, 108mm - 116mm	SSTC-108-116	2
10	T-Bolt Clamp, 95mm - 103mm	SSTC-95-103	1
11	Velocity Stack, 4" to 6" Inlet	HW-VS-400-600	1
12	Embossed Hose Clamp, 12mm - 22mm	EMSC-12-22	1
13	Rubber Vibration Mount, M6, 3/4" Tall, Male-to-Female	HW-RM6-075-MF	1
14	Rubber Vibration Mount, M6, 1/2" Tall	HW-RM6-50	2
15	Bolt, M4 x 0.7, 8mm Long	HW-B4-8	2
16	Bolt, M6 x 1.0, 12mm Long	HW-B6-12	3
17	Bolt, M8 x 1.25, 16mm Long	HW-B6-16	1
18	Flange Nut, M6	HW-N6	6
19	Flat Washer, M6, 16mm OD	HW-FW6L	7
20	EPDM Hose, 9/16" ID	EPDM-056	24 inches
21	Thin Edge Trim	75B7X1/16	72 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.**
- **Report any defective or missing parts to HPS directly. The HPS dealer you purchased this product from might not have the replacement parts you need.**
- **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 the removal of coolant lines that may be hot.**
- **For technical inquiries, please email us at tech@hpsperformance.com**

PLEASE READ CAREFULLY BEFORE INSTALLATION!

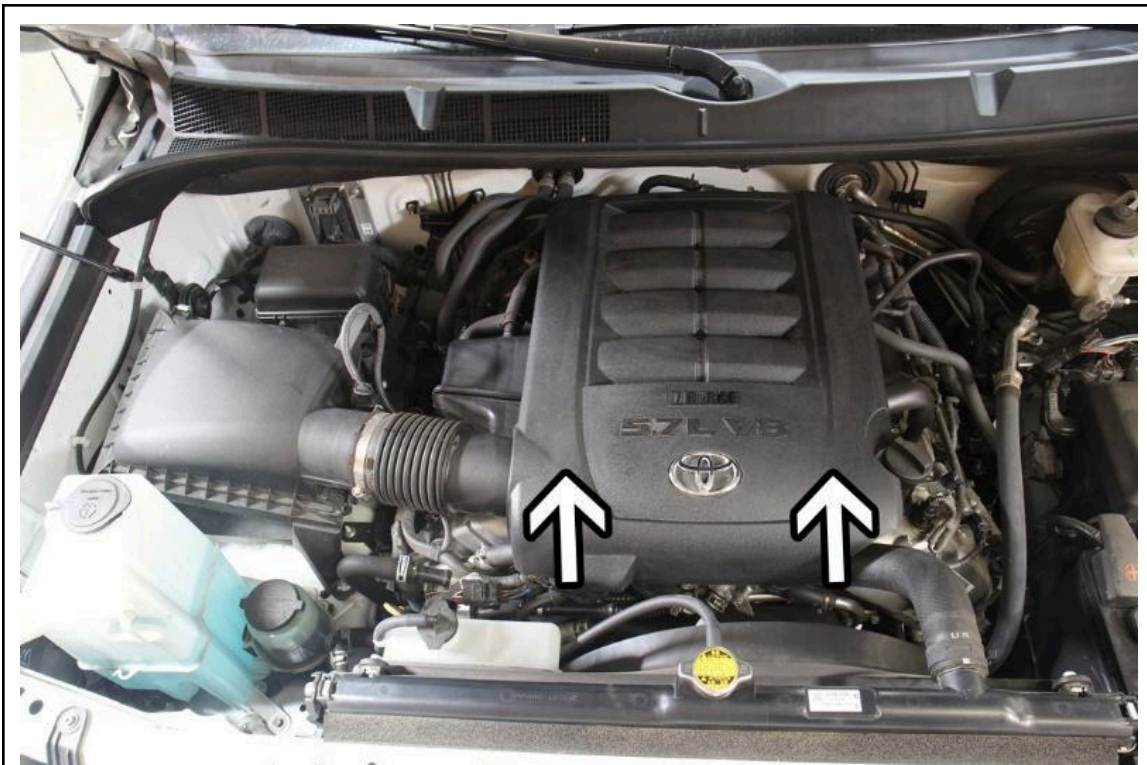
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

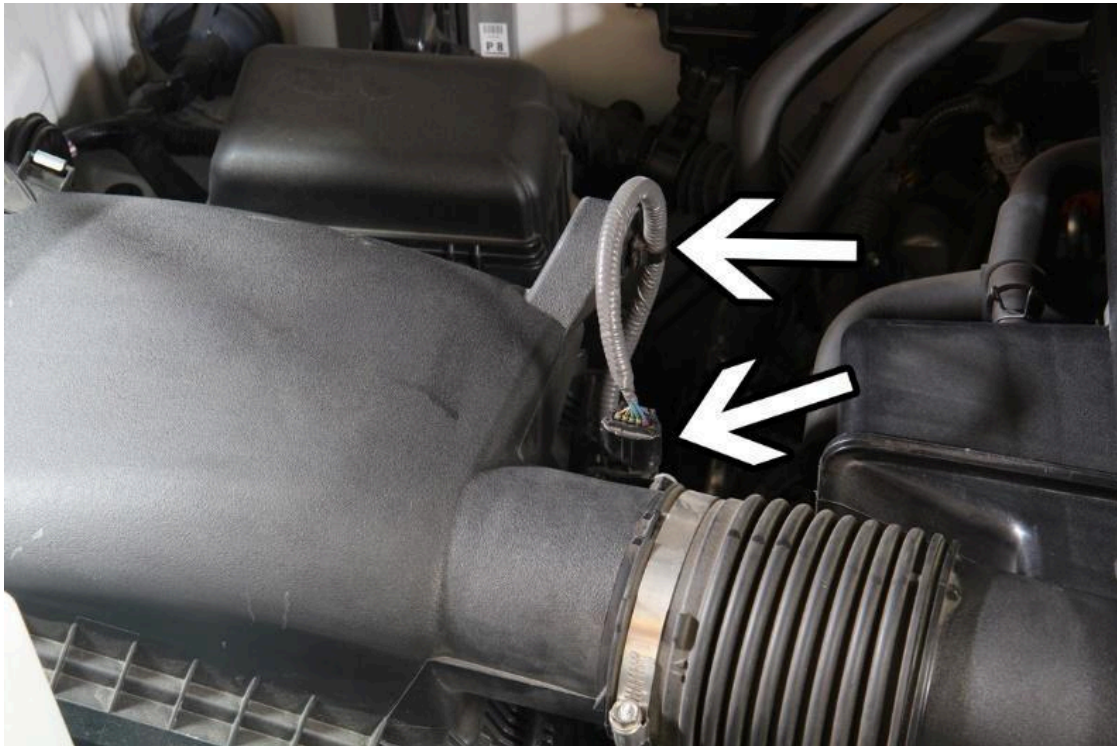
GETTING STARTED

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.

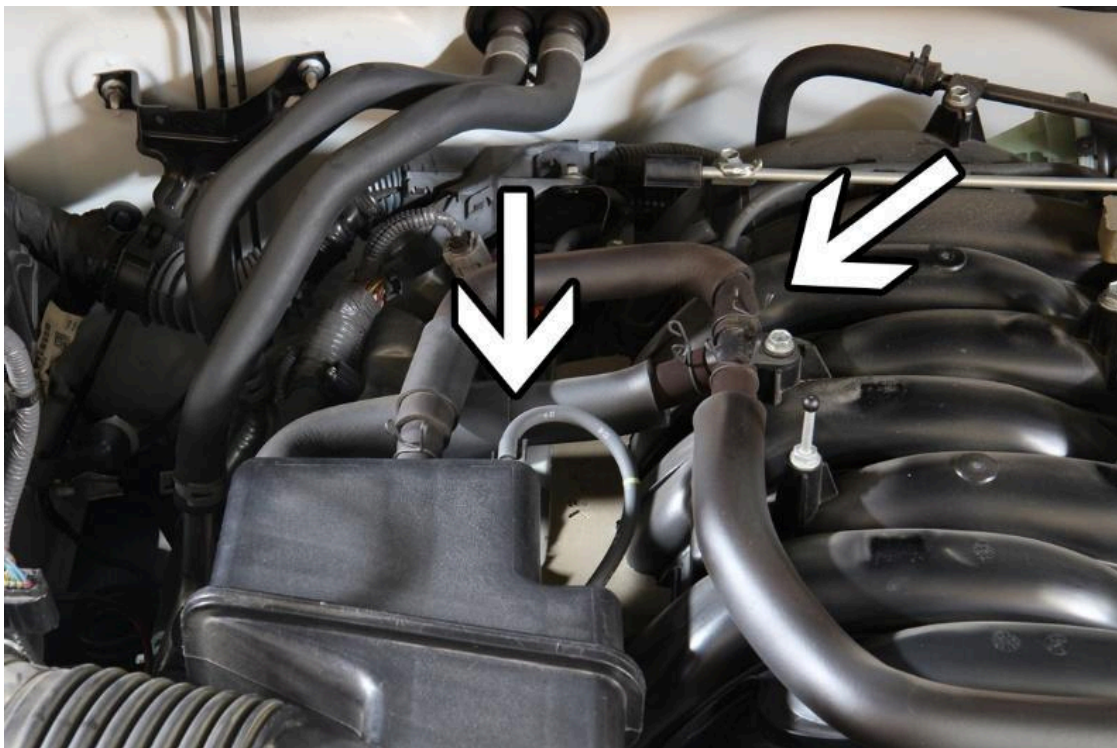
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



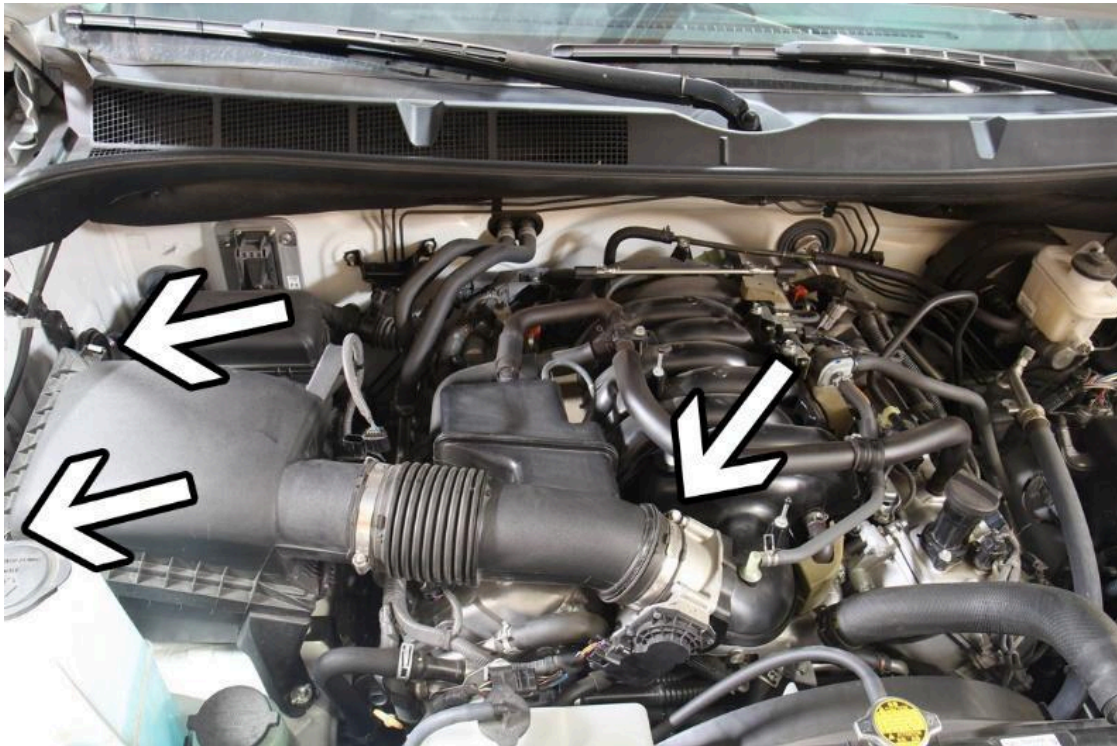
2. Lift firmly and remove the engine cover from the vehicle.



3. Disconnect the Mass Air Flow connector from the sensor and remove the harness from the air box.



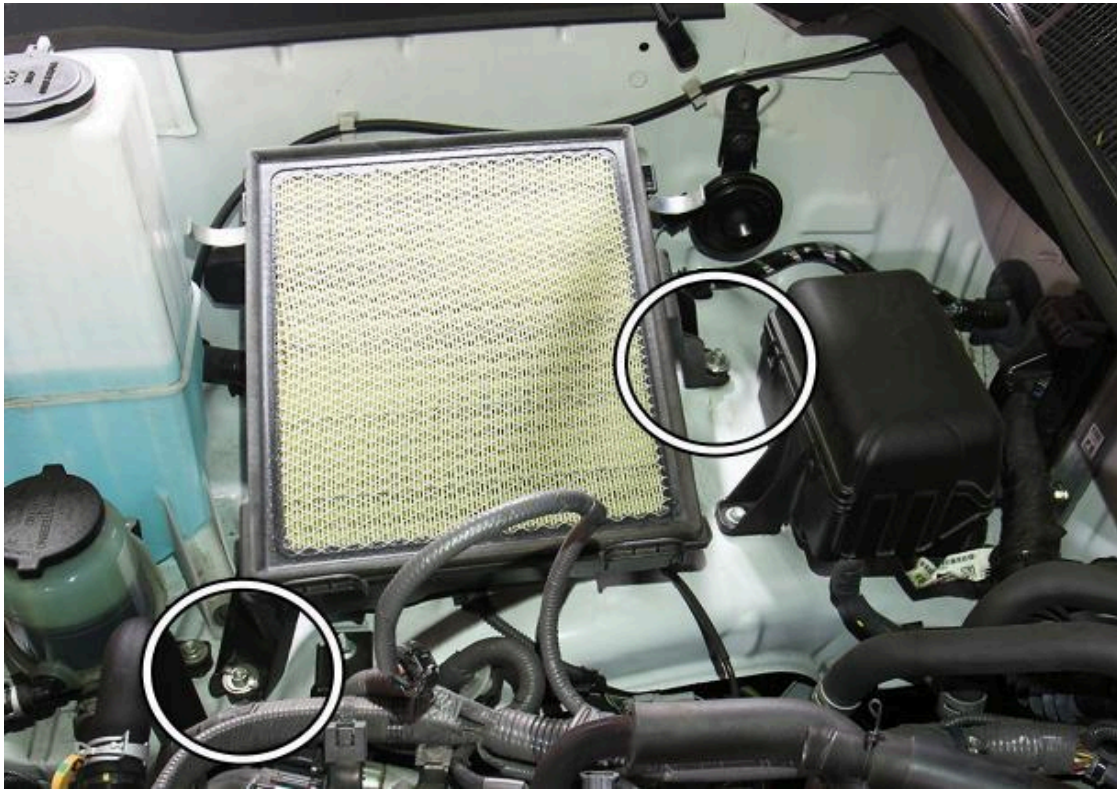
4. Disconnect the breather hose from the breather tee. Disconnect the vacuum line from the resonator chamber located at the back of the factory air intake tube.



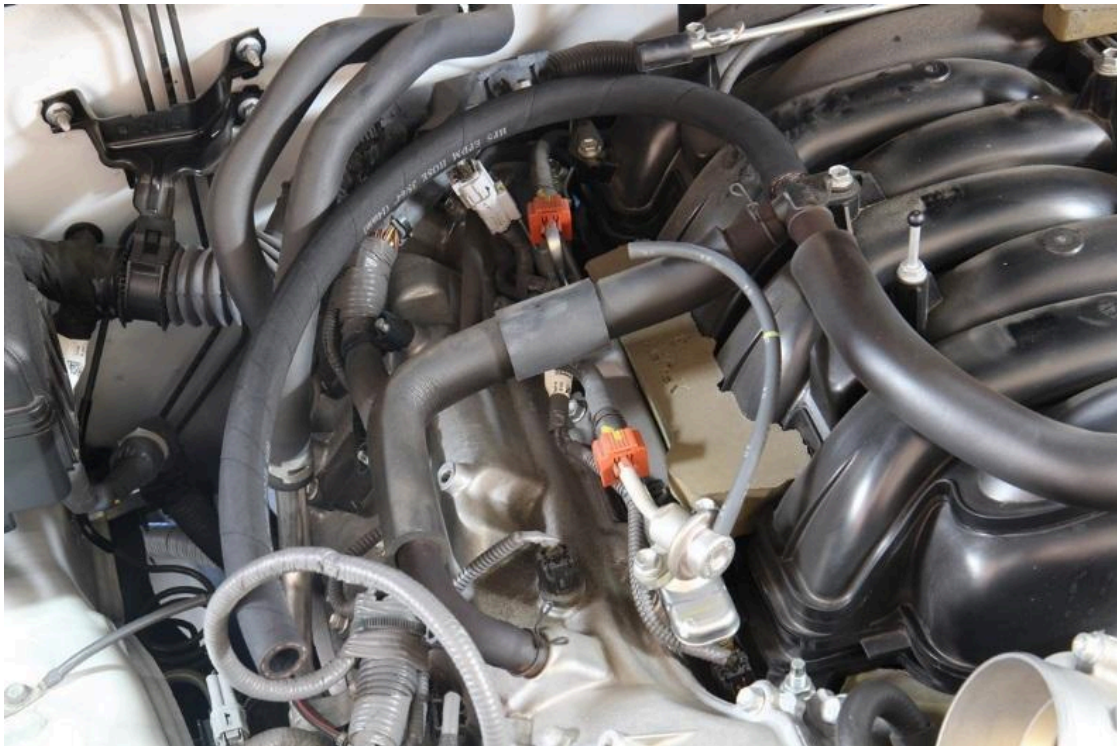
5. Unbuckle the air cleaner lid from the lower air cleaner assembly, then loosen the hose clamp located on the throttle body.



6. Remove the air cleaner lid and stock air intake tube from the engine bay.



7. Loosen and remove the two bolts indicated on the lower air cleaner assembly. Once loosened, remove the lower air cleaner assembly from the engine bay.



8. Install the supplied 14mm hose onto the breather tee located on the intake manifold.



9. Install the “C” shaped bracket onto the heat shield using the M6 hardware supplied.



10. Install the “L” shaped bracket onto the heat shield using the M6 hardware supplied.



11. Install the 1/2" M6 male-to-male rubber vibration mounts onto the factory lower air cleaner assembly mounting holes. Install the heat shield onto the rubber vibration mounts and secure them using two M6 washers and two nuts.



12. Loosely install the 4" - 4-1/4" reducer onto the long side of the intake pipe. Install the 3-1/2" - 4" reducer onto the throttle body with their corresponding T-bolt clamps.



13. Slip the velocity stack into the opening on the heat shield.



14. Secure the venturi adapter using an M6 washer and bolt on each bolt hole. Secure the pipe once properly positioned.



15. Transfer the MAF sensor onto the HPS intake pipe and secure it using the M4 Allen screws provided. Connect the electrical harness back onto the MAF sensor.



16. Connect the breather hose and vacuum hose onto the HPS intake pipe. Secure the breather hose using the provided clamp.



18. Install the air filter onto the velocity stack.



18. Remove the mounting stud from the intake manifold.



19. Install the male-to-female rubber vibration mount onto the hole that the mounting stud came from.



20. Reinstall the mounting stud onto the male-to-female rubber vibration mount.



21. Reinstall 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.

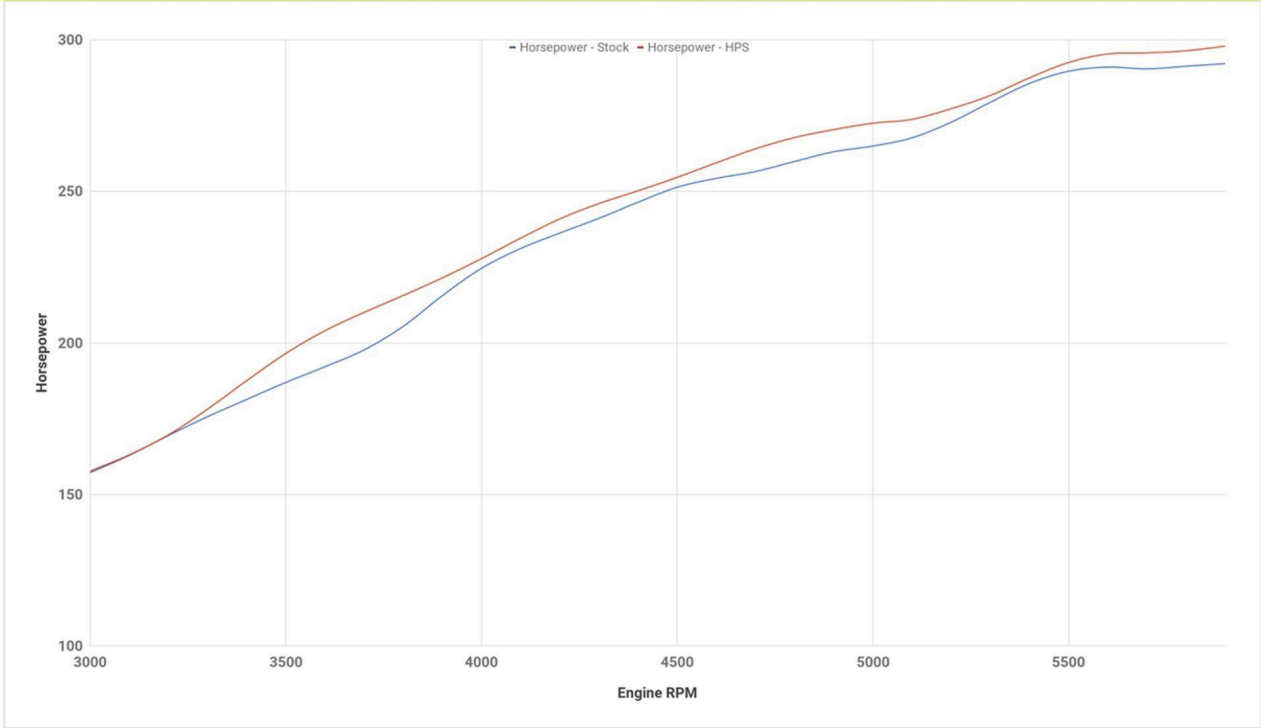
Start the engine. Let the car idle for 3 minutes. Perform a final inspection before driving. Listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that may be causing leaks or rattles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



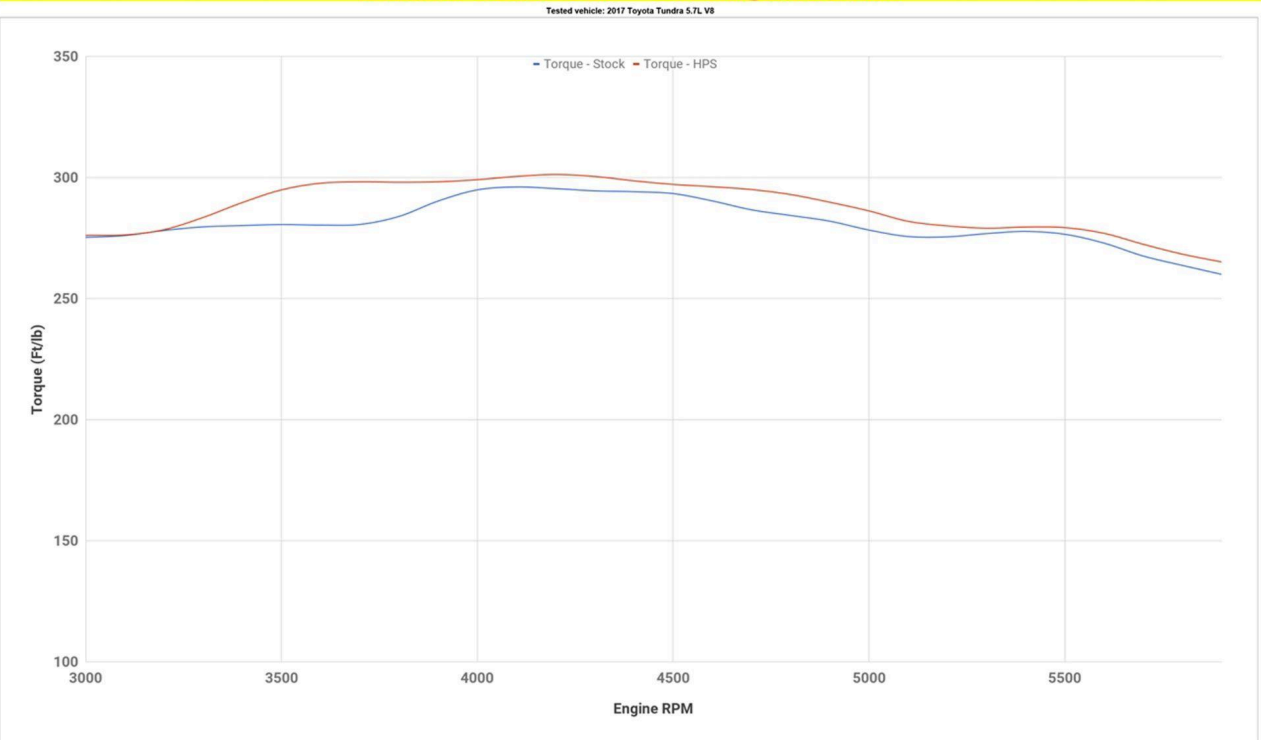
HPS Performance Air Intake Kit with Heat Shield (827 Series)
2012-2021 Toyota Tundra 5.7L V8
2012-2022 Toyota Sequoia 5.7L V8
Part Number: 827-630

Maximum Horsepower Gains = 12.4 whp @ 3700 rpm



HPS Performance Air Intake Kit with Heat Shield (827 Series)
2012-2021 Toyota Tundra 5.7L V8
2012-2022 Toyota Sequoia 5.7L V8
Part Number: 827-630

Maximum Torque Gains = 17.6 ft/lbs @ 3700 rpm



Also available for
2012-2021 Toyota Tundra 5.7L V8
2012-2022 Toyota Sequoia 5.7L V8



HPS Performance Replacement Air Filter
For Intake Kit 827-630
Part Number [HPS-4304](#)



HPS Silicone Radiator Hose Kit
Part Number [57-1303](#)



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



HPS Magnetic Oil Drain Plug
Part Number [MDP-M12x125](#)

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



Torque Specifications

Item	Recommended Torque
Constant Tension Clamp	33 in-lb
Embossed Clamp	27 in-lb
Fuel Injection Clamp	15 in-lb
Spring Loaded T-Bolt Clamp	33 in-lb
Stainless Steel T-Bolt Clamp	33 in-lb
V-Band Clamp	60 in-lb
M4 Bolt	24 in-lb
M5 Bolt	55 in-lb
M6 Bolt	84 in-lb
M8 Bolt	184 in-lb

Please follow the recommended torque specifications.
Exceeding the specified torque may result in damage
and failure of the part.