



Performance Air Intake Kit Part Number: 827-699

2015-2019 BMW X6 3.0L Turbo (N55, F16)

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: 827-699

Description	Prep	Part Number	Qty	Check
Air Intake Pipe	1	529-870	1	
Heat Shield	2	531-880	1	
Heat Shield Lid	2	531-881	1	
Bracket	3	530-882	1	
HPS Performance Air Filter	4	HPS-4303	1	
3.00"- 3.50" Reducer x 3" Long	5	P3SR-300-350-L3	1	
T-Bolt Clamp for 3" Hose	5	SSTC-79-87	1	
T-Bolt Clamp for 3.50" Hose	5	SSTC-95-103	1	
Rubber Vibration Mount M6 x 1" Tall	5	HW-RM6-100	1	
M6 Bolt x 12mm long	5	HW-B6-12	2	
M6 Bolt x 16mm long	5	HW-B6-16	1	
M5 Bolt x 12mm long	5	HW-B5-12	6	
M6 Flange Nut	5	HW-N6	2	
M6 Flat Washer x 16mm OD	5	HW-FW6L	5	
M4 x 8mm Allen Bolts	5	HW-B4-8	2	
Velocity Stack 3.5" to 6" inlet	5	HW-VS-350-600	1	
Bubble Edge Trim x 17 Inches	5	BUBBLE EDGE TRIM	17"	

- Before installing any parts of this intake system, 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 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 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.

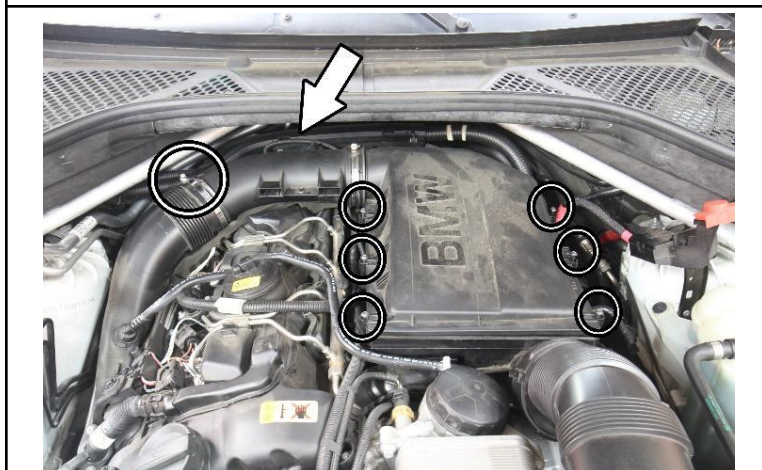
GETTING STARTED

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.

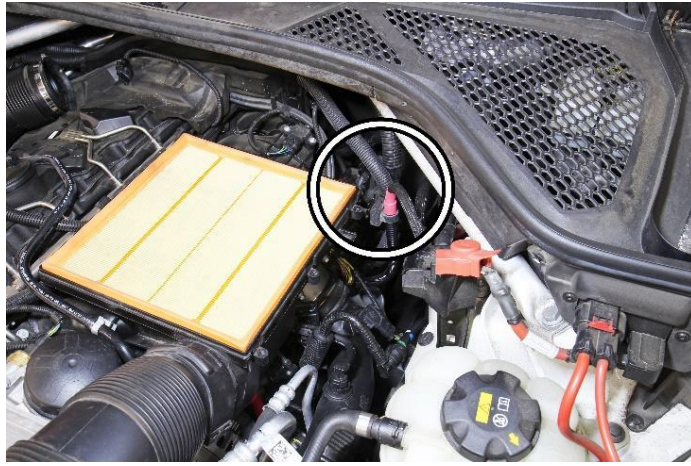
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your vehicles' anti-theft code cannot be recovered, contact an authorized dealership to obtain your vehicles anti-theft code. We also highly recommend NOT discarding any stock parts after the installation.



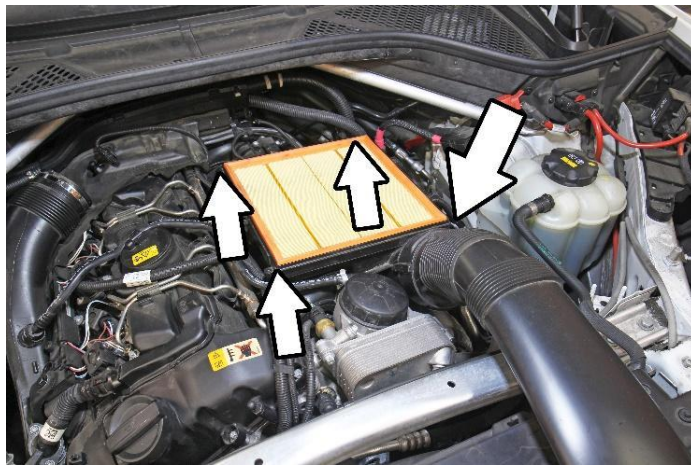
2. Lift and remove the engine cover from the vehicle.



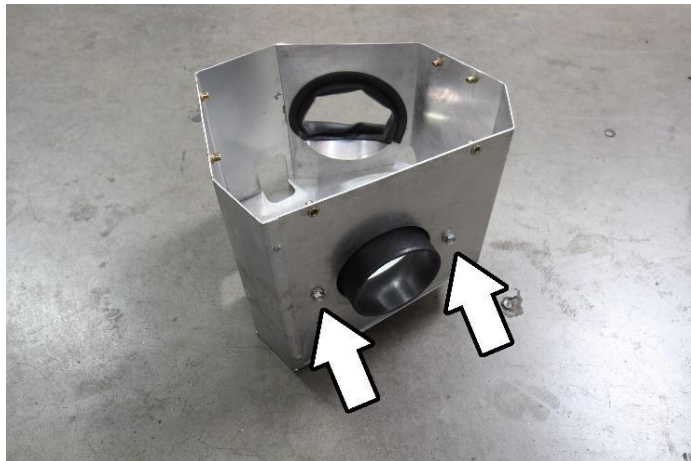
3. Loosen the 6x Torx bolts securing the upper air box assembly. Loosen the hose clamp securing the stock air intake tube. Disconnect the mass air flow sensor harness connector and carefully lift the stock air intake tube from its grommet.



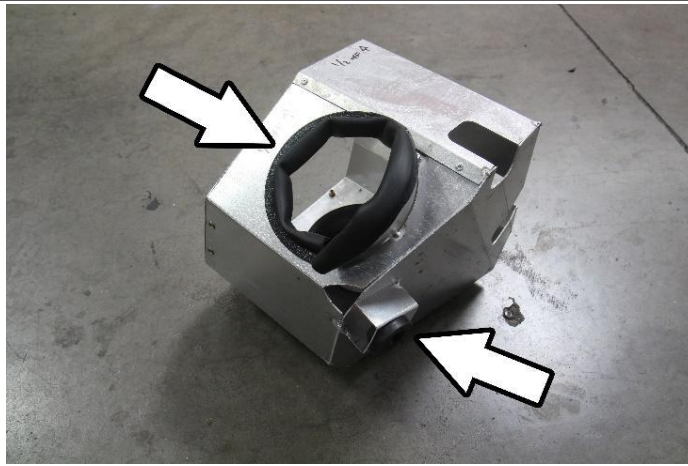
4. Disconnect the three rubber harness mounts from the lower air box assembly.



5. Lift the lower air box assembly from its grommets, then disconnect the lower air box from the air duct. Remove the lower air box assembly from the vehicle.



6. Install and secure the provided velocity stack into the heat shield using the two M6x12mm bolts and washers.



7. Remove one of the factory rubber grommets from the lower air box assembly and insert it into the HPS heat shield. Install the provided bubble edge trim onto the heat shield shown in the image above.



8. Install and secure the provided reducer coupler onto the end farthest away from the MAF flange using the T-bolt clamp SSTC-79-87.



9. Remove and secure the mass air flow sensor using the provided M4x8mm allen bolts.



10. Remove the existing 10mm bolt securing the coolant reservoir tank and replace it with our 1-inch vibration mount.



11. Reconnect the mass air flow sensor harness connector and loosely insert the HPS intake tube into the air inlet tube.



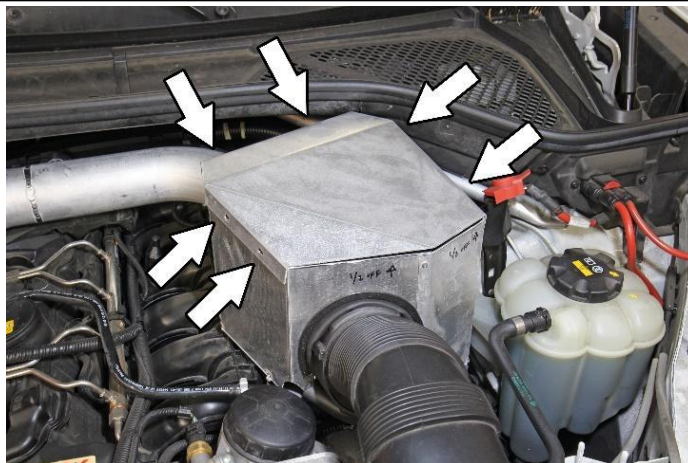
12. Insert the HPS heat shield into the vehicle and into the reducer coupler. Connect the rubber grommet onto the factory air box mount. Reconnect the factory air duct into the heat shield.



13. Install and secure the provided bracket onto the heat shield using the M6x16mm bolt, nut, and washers.



14. Once, the air intake tube and heat shield are positioned properly, tighten down the T-bolt clamp, hose clamp, and bracket. Insert the provided HPS performance air filter.



15. Insert and secure the heat shield lid onto the heat shield using the provided M5x12mm bolts.



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.

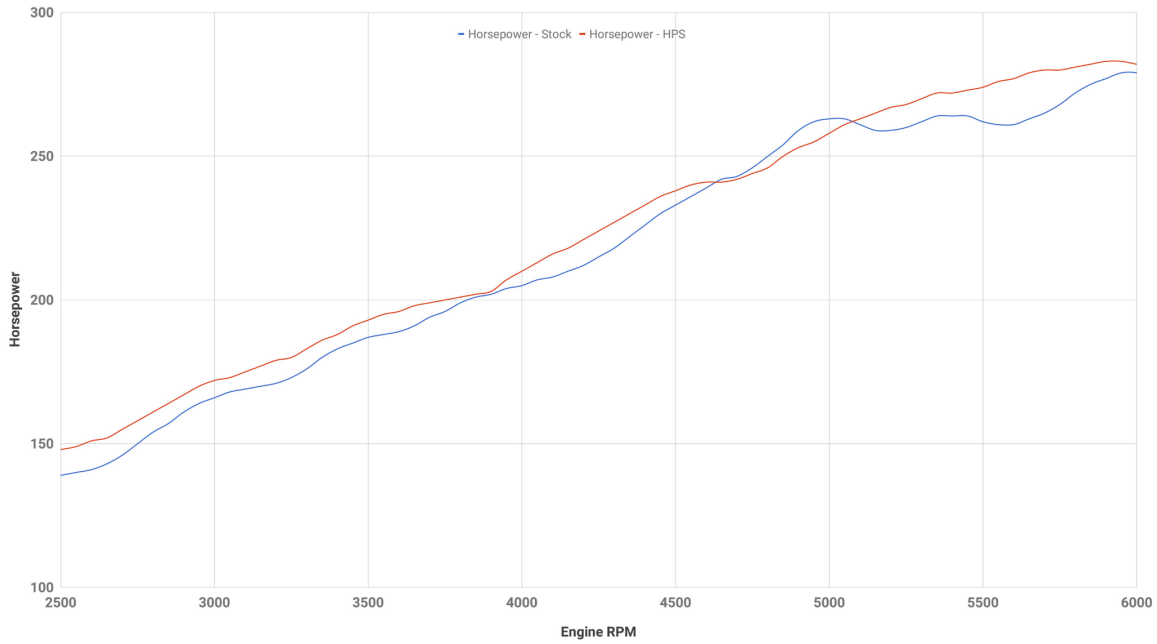
Start the engine. Let the car idle for 3 minutes. Perform a final inspection before driving. Listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that may be causing leaks or rattles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



HPS Performance Air Intake Kit with Heat Shield (827 Series)
2018 BMW X6 3.0L Turbo
Part Number: 827-699

Maximum Horsepower Gains = 6 whp @ 3000 rpm



HPS Performance Air Intake Kit with Heat Shield (827 Series)
2018 BMW X6 3.0L Turbo
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Maximum Torque Gains = 10 ft/lb @ 3000 rpm

