



Performance Air Intake Kit Part Number: 827-628

**2011-2013 BMW 335i 3.0L Turbo N55
E90/E92/E93**

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: 827-628

Description	Prep	Part Number	Qty	Check
Air Intake Pipe #1	1	529-402	1	
Air Intake Pipe #2	1	529-403	1	
Heat Shield	2	531-611	1	
Heat Shield Lid	2	531-612	1	
Intake Bracket	3	530-404	1	
Heat Shield Bracket	3	530-405	1	
HPS Performance Air Filter	4	HPS-4276	1	
3.00" Straight Coupler x 2" Long	5	P3SC-300-L250	1	
3.00" Straight Coupler x 2.50" Long	5	P3SC-300-L2	1	
Embossed Hose Clamp for 3.00"	5	EMSC-70-90	4	
6mm Bolt x 16mm Long	5	HW-B6-16	2	
6mm Bolt x 12mm Long	5	HW-B6-12	1	
5mm Allen bolt x 12mm Long	5	HW-B5-12	4	
6mm Flat Washer 16mm OD	5	HW-FW6L	4	
6mm Flange Nut	5	HW-N6	1	
Bubble Edge Trim x 12 inches	5	Bubble Edge Trim	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.
- 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!

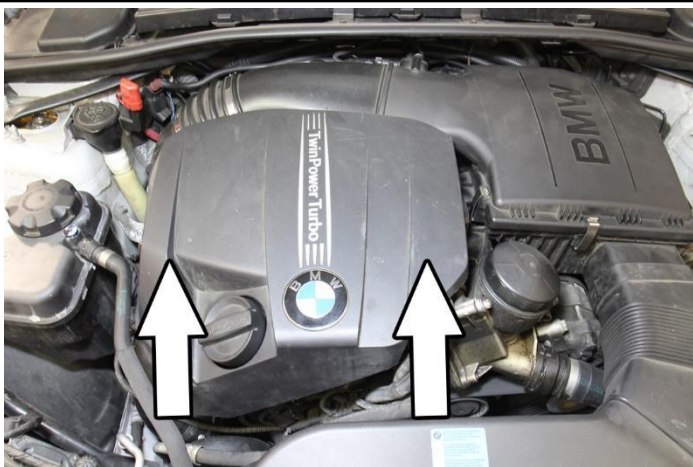
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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 vehicle's anti-theft code. We also highly recommend NOT discarding any stock parts after the installation.



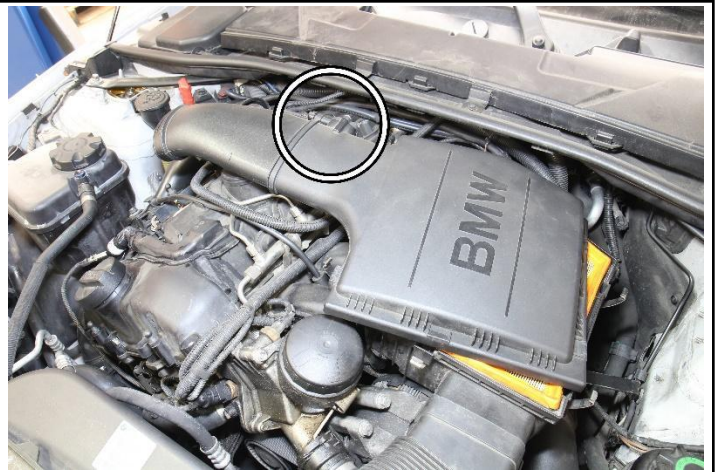
2. Lift and remove the engine cover from the vehicle.



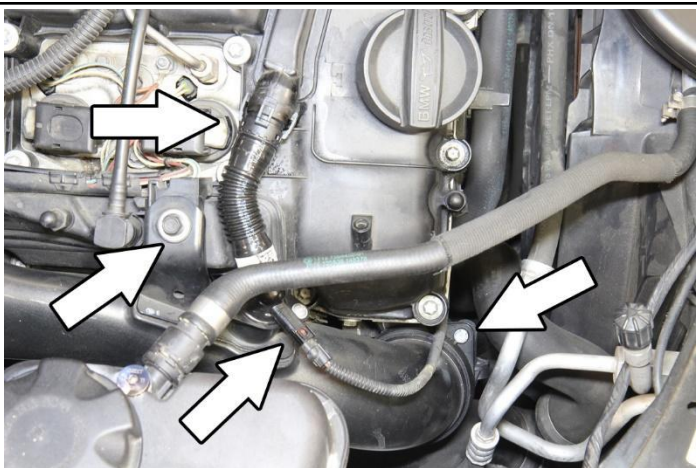
3. Disconnect the retaining clips securing the upper air box assembly.



4. Loosen the hose clamp securing the factory intake tube shown above.



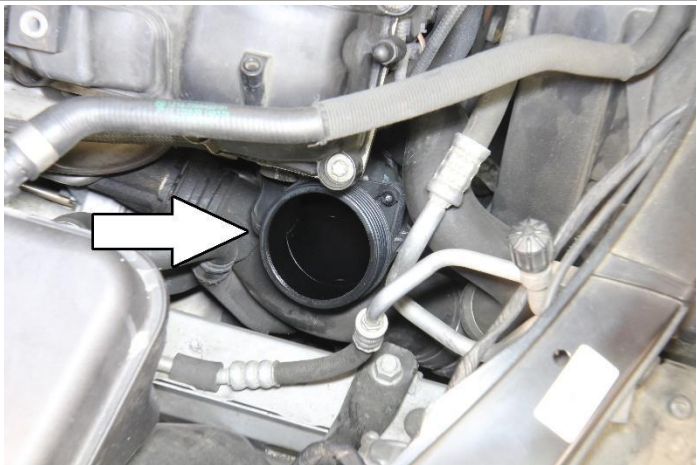
5. Disconnect the mass air flow sensor electrical connector from the sensor and remove the factory upper air box assembly from the vehicle.



6. Carefully unclip the CCV hose from the valve cover. Disconnect the electrical connector from the CCV hose. Remove the bolts securing the intake bracket and the intake tube from the turbo inlet.



7. Remove the intake tube from the vehicle.



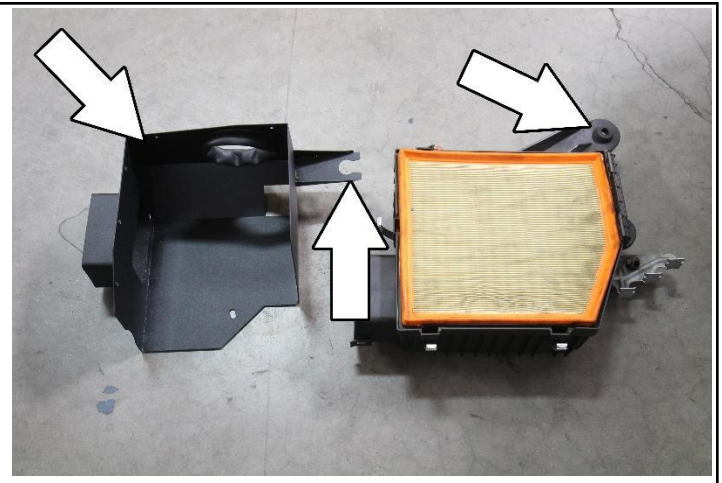
8. Remove the rubber sleeve from the turbo inlet.



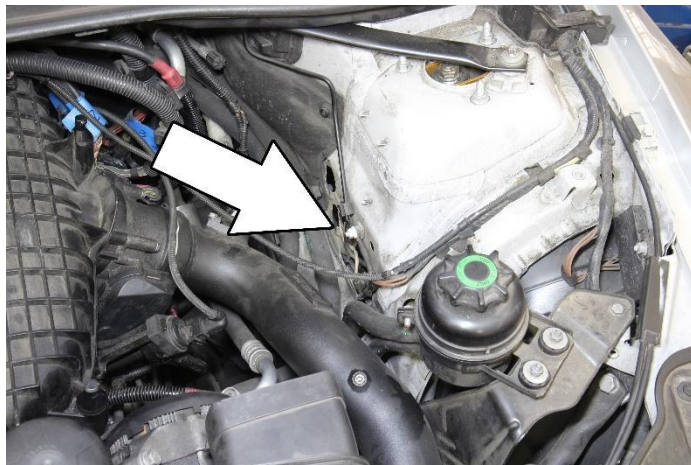
9. Disconnect the electrical harnesses from the lower air box assembly.



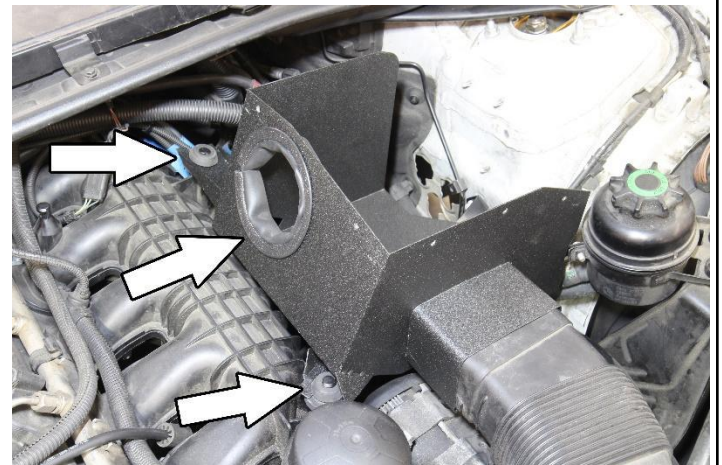
10. Lift the lower the air box to remove the rubber grommets from the air box mounts. Then, disconnect the factory air duct from the air box to remove air box from the vehicle.



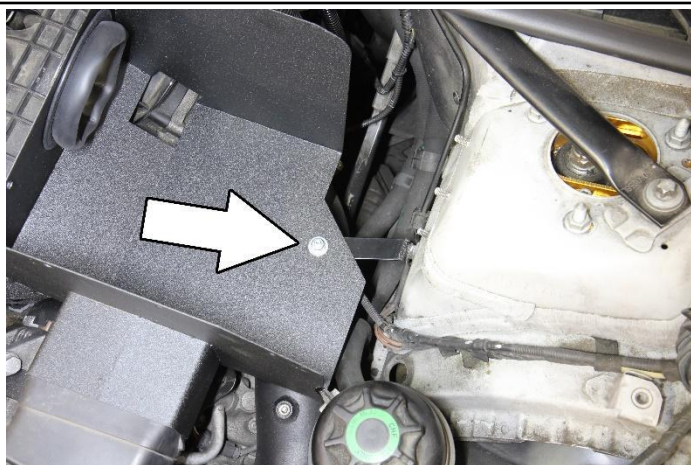
11. Remove the two factory rubber grommets from the lower air box and install them onto the HPS heat shield.



12. Remove the 10mm bolt located near the driver side strut tower.



13. Insert the provided bubble edge trim into the heatshield, then insert the heat shield onto the factory rubber grommet mounts.



14. Install and secure the provided "L" bracket onto the heatshield with the M6 x 16mm bolt, washers, and nut. Secure the bracket onto the firewall by re-using the 10mm nut removed in step 12.



15. Install the 2.50" length coupler along with the provided EMSC clamps onto the turbo inlet.



16. Remove the factory CCV hose from the intake tube.



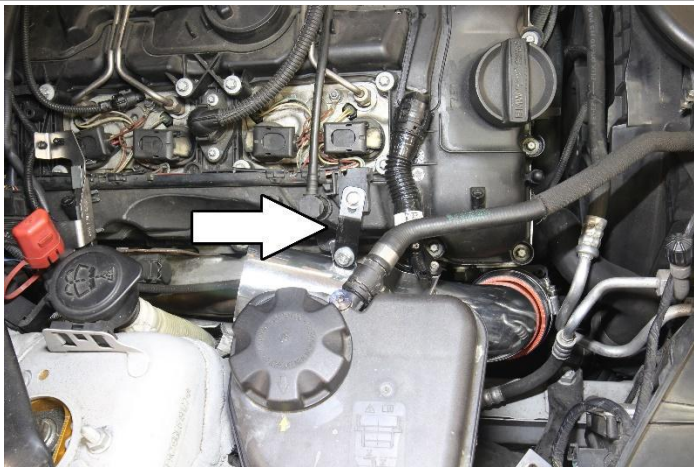
17. Install and secure the CCV hose onto the HPS intake pipe using the provided M5x12mm bolts.



18. Remove the two 10mm bolts securing to coolant reservoir tank. Lift the tank and remove it from the grommet to have more space when installing the intake pipe.



19. Insert the HPS intake pipe into the coupler and re-insert the CCV hose into the valve cover. Re-secure and mount the coolant reservoir tank.



20. Adjust the intake pipe into place and install the small intake bracket onto the pipe and factory intake mount. Use the factory screw to secure the bracket to the valve cover and the provided M6x12mm and washer onto the intake pipe.



21. Install the 2" coupler along with the provided EMSC clamps onto the intake pipe. Be sure to leave enough space to secure the other section of the intake pipe.



22. Install and secure the mass air flow sensor into the HPS intake pipe using the provided M5x12mm bolts.



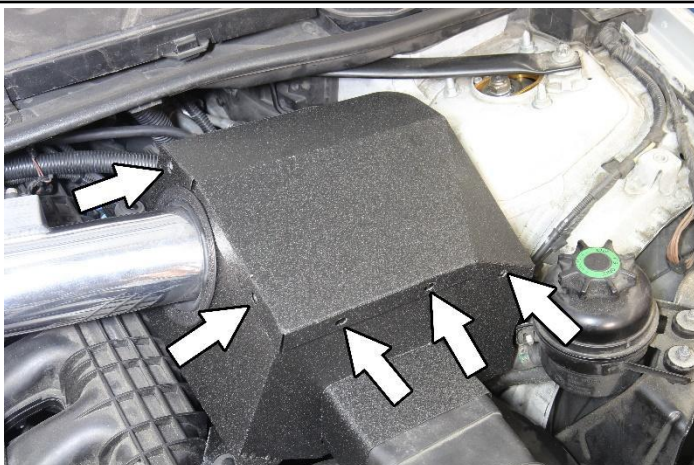
23. Insert the HPS intake pipe into the heatshield first, then secure the intake pipe into the coupler.



24. Re-connect the mass air flow sensor connector.



25. Install the provided HPS performance air filter.



26. Install and secure the heat shield lid.



27. Re-insert the engine cover into the vehicle.

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.

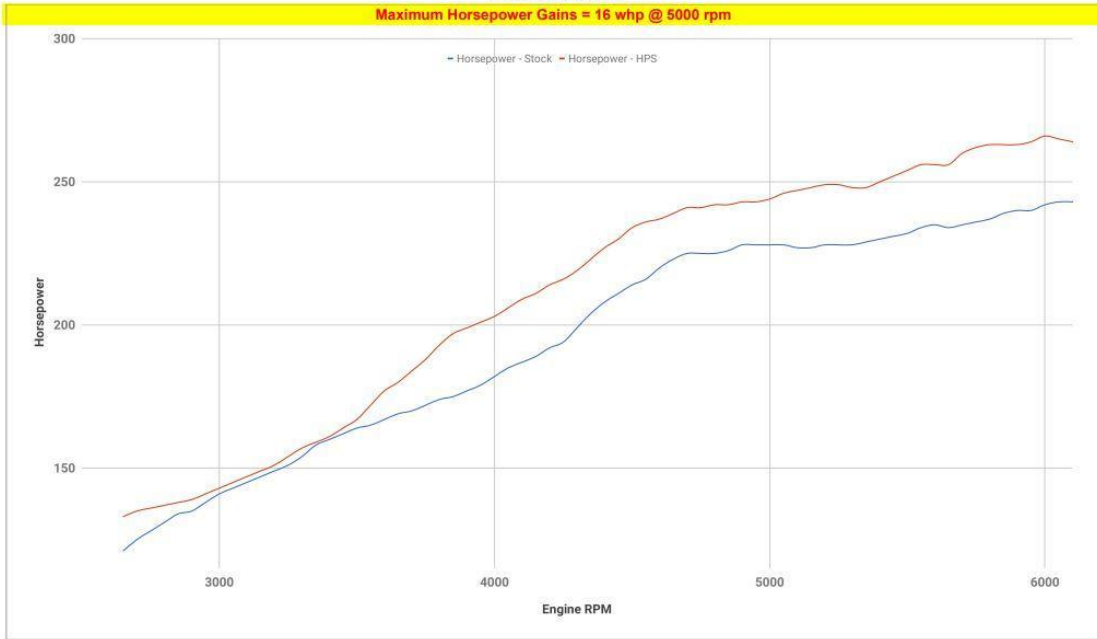
Start the engine. Let the car idle for 3 minutes. Perform a final inspection before driving. Listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that may be causing leaks or rattles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



HPS Performance Air Intake Kit with Heat Shield (827 Series)
2011-2013 BMW 335i 3.0L N55 Turbo
Part Number: 827-628

Maximum Horsepower Gains = 16 whp @ 5000 rpm



HPS Performance Air Intake Kit with Heat Shield (827 Series)
2011-2013 BMW 335i 3.0L N55 Turbo
Part Number: 827-628

Maximum Torque Gains = 17 ft/lb @ 5000 rpm

