



Performance Intercooler Pipe Kit Part Number: 17-127

**2016-2019 BMW 640i
2016-2019 BMW 640i xDrive
2016-2019 BMW 640i Gran Coupe
2016-2019 BMW 640i xDrive Gran Coupe
2014-2018 BMW X5 xDrive35i
2014-2018 BMW X5 sDrive35i
2015-2019 BMW X6 xDrive35i
2015-2019 BMW X6 sDrive35i**

(3.0L TURBO GASOLINE ENGINE, N55)

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: 17-127

Description	Prep	Part Number	Qty	Check
Cold Side Intercooler Pipe	1	529-869	1	
T-Bolt Clamp for 2.50" Hose	2	SSTC-70-78	1	
T-Bolt Clamp for 3.00" Hose	2	SSTC-83-91	1	
2.50" – 3.00" Offset Reducer Coupler x 4" Long	2	CH-30X6	1	
6mm Bolt x 12mm Long	2	HW-B6-12	2	
1/8 NPT Plug	2	4464K561	1	
Connector to Throttle Body O-Ring	2	9452K165	1	

- Before installing any parts of this intercooler piping kit, please read the instructions thoroughly.
- Verify the contents of this intercooler piping 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 intercooler piping kit 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!

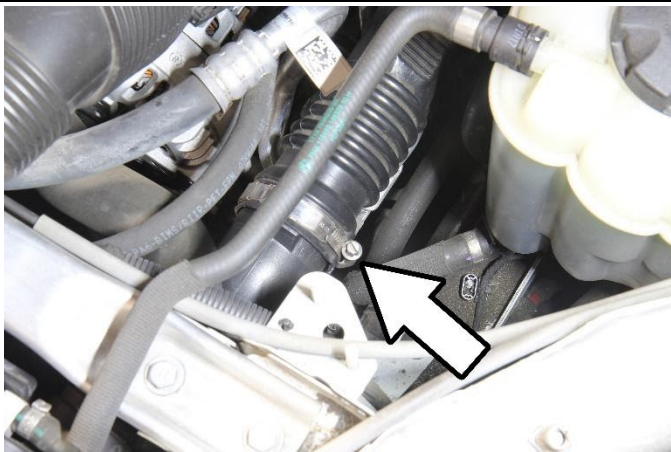
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

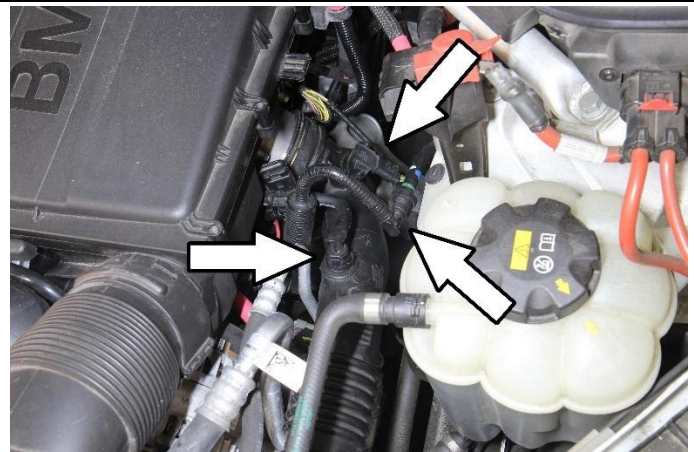
GETTING STARTED

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.

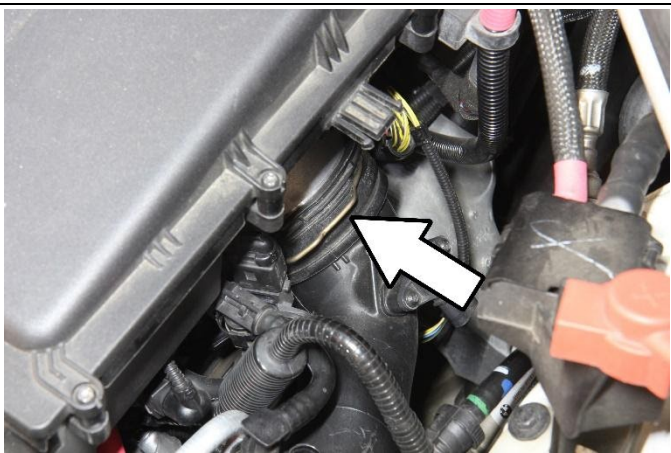
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied 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. Loosen the hose clamp securing the factory charge pipe from the intercooler outlet.



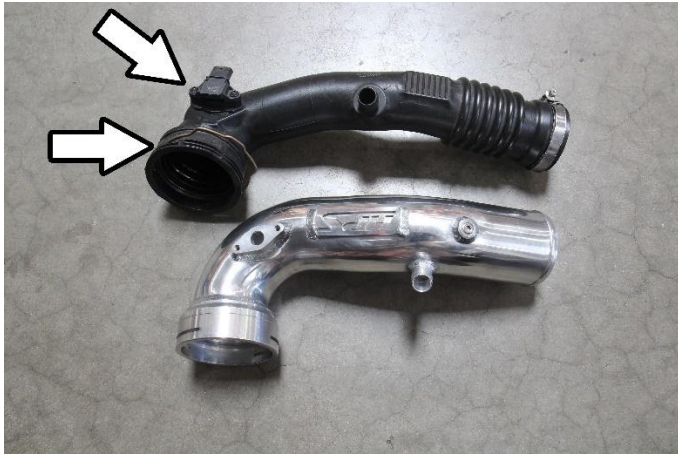
3. Disconnect the air temperature sensor harness connector, then disconnect the vacuum ports from the indicated areas shown above.



4. With a flat head screwdriver, lift the retaining clip securing the charge pipe from the throttle body and remove the factory charge pipe from the vehicle.



5. Insert and secure the provided NPT plug into the HPS charge pipe.



6. Remove the factory retaining clip and the air temperature sensor from the factory charge pipe.



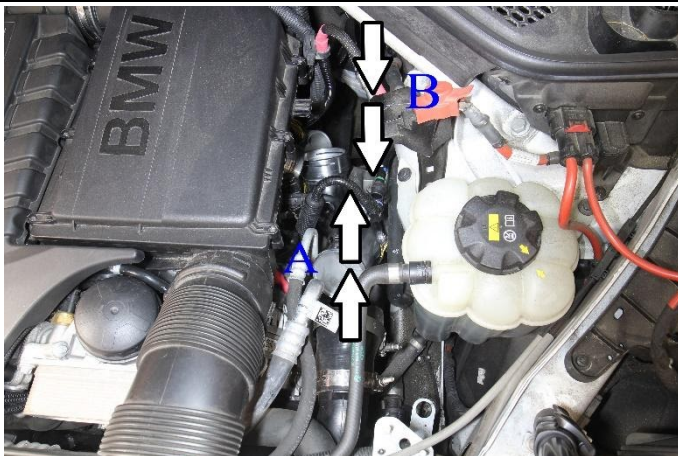
7. You should have these three items including the provided O-ring ready for the next step.



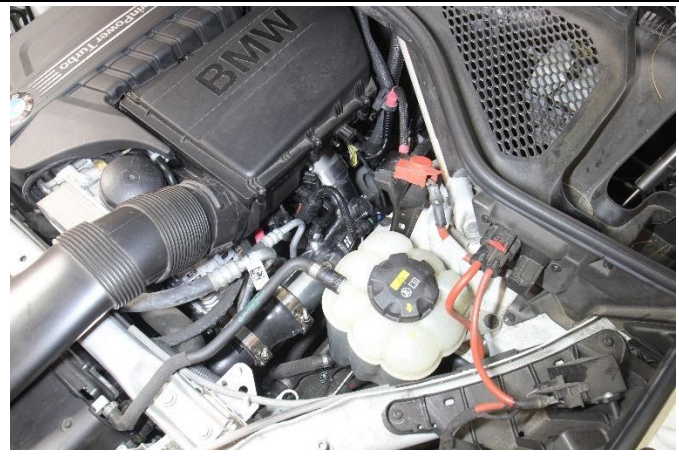
8. Install and secure the air temp sensor onto the HPS charge pipe using the provided M6-12mm bolts, then insert the O-ring into the quick connect.



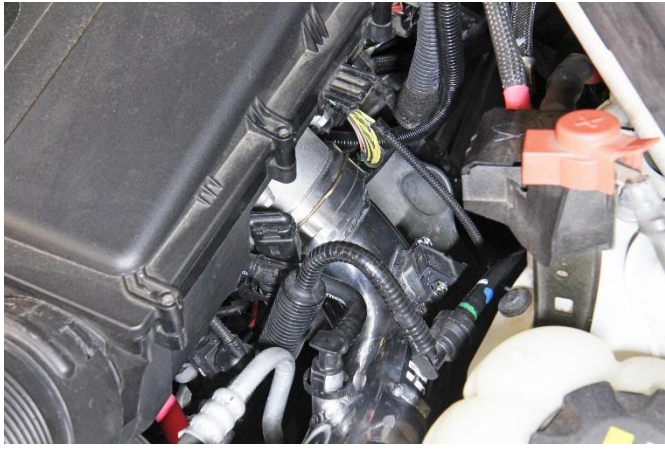
9. Install the reducer coupler along with provided T-bolt clamps onto the intercooler outlet. *Do not tighten any of the clamps yet because the coupler will need to be adjusted later when the HPS pipe is installed.



10. Option (A) – Slide the HPS charge pipe under the vacuum ports with the quick connect going in first, then into the coupler. Option (B) Slide the charge pipe under the vacuum ports with the pipe end going in first and into the coupler.



11. Insert the quick connect into the throttle body and adjust the coupler. Once everything has been adjusted into position, tighten both T-bolts clamps. Re-insert the vacuum ports and reconnect the air temp sensor harness connector.



12. Re-insert and secure the retaining clip onto the HPS quick connect. * Make sure by tugging back on the HPS charge pipe that the quick connect is secured.

Final Steps

Once the intercooler pipe(s) has been positioned and checked for clearance, 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.

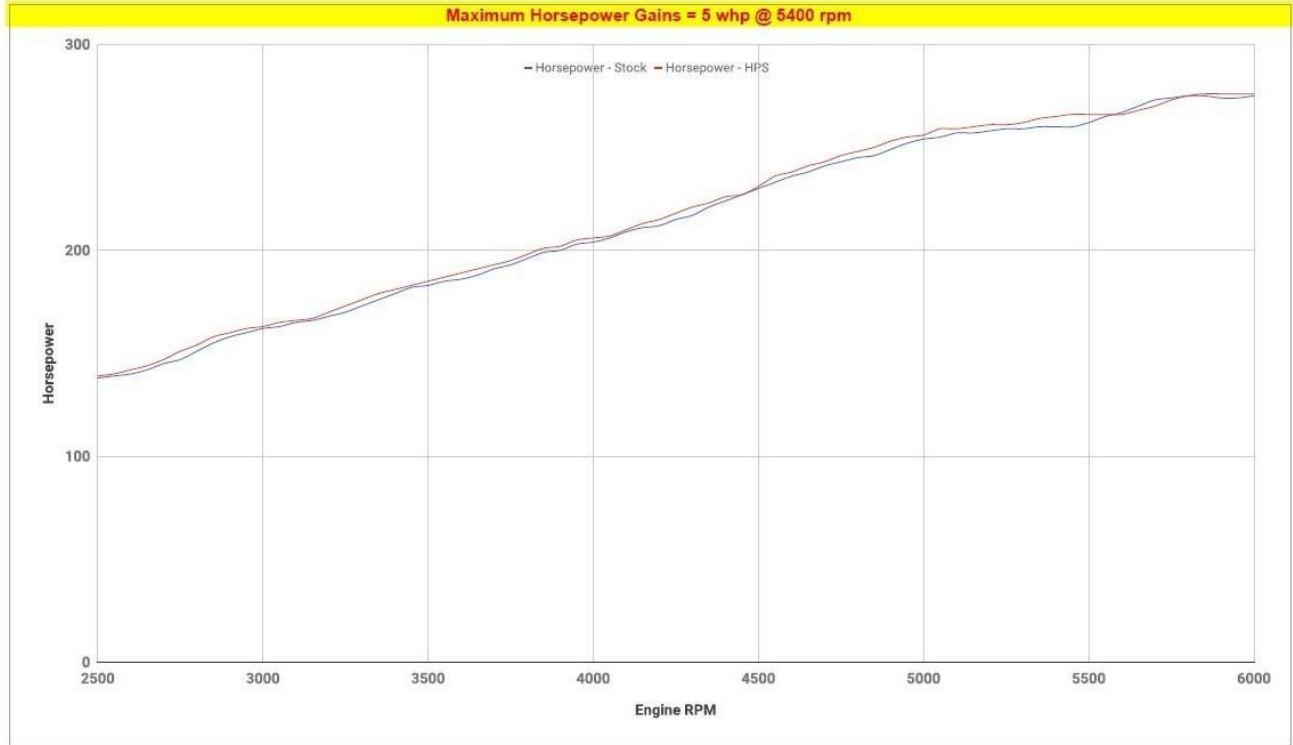
Start the engine. Let the car idle for 3 minutes. Perform a final inspection before driving. Listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that may be causing leaks or rattles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

Periodically, recheck the alignment of the intercooler pipe(s) and make sure there is proper clearance around and along the length of the intercooler pipe(s). Failure to follow proper maintenance procedures may cause damage and void your warranty.



HPS Performance Charge Pipe
2018 BMW X6 3.0L Turbo Cold side chargepipe
Part Number: 17-127

Maximum Horsepower Gains = 5 whp @ 5400 rpm



HPS Performance Charge Pipe
2018 BMW X6 3.0L Turbo Cold side chargepipe
Part Number: 17-127

Maximum Torque Gains = 5 ft/lb @ 5400 rpm

