



# Performance Charge Pipe Kit

## Part Number: 17-127

### (Cold Side)

**2010-2017 BMW 535i / 535i xDrive / ActiveHybrid 5**

**2012-2018 BMW 640i / 640i xDrive**

**2013-2019 BMW 640i Gran Coupe / 640i xDrive Gran Coupe**

**2013-2015 BMW 740i / ActiveHybrid 7**

**2011-2018 BMW X5 sDrive35i / X5 xDrive35i**

**2010-2019 BMW X6 sDrive35i / X6 xDrive35i**

**(3.0L Turbo Gasoline Engine, N55)**

## Installation Instructions

For technical inquiries please email us at [tech@hpsperformance.com](mailto: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: 17-127

Line #	Description	Part Number	Qty
1	Cold Side Charge Pipe	529-869	1
2	Offset Reducer Coupler, 2-1/2" - 3" ID, 4" Long	CH-30X6	1
3	T-Bolt Clamp, 83mm - 91mm	SSTC-83-91	1
4	T-Bolt Clamp, 70mm - 78mm	SSTC-70-78	1
5	Bolt, M6 x 1.0, 12mm Long	HW-B6-12	2
6	NPT Plug, 1/8"	4464K561	1
7	O-Ring, Connector to Throttle Body	9452K165	1

- Before installing any parts of this charge pipe kit, please read the instructions thoroughly.
- Verify the contents of this charge pipe 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 charge pipe kit while the engine is hot.
- This installation may require removal of coolant lines that may be hot.
- For technical inquiries, please email us at [tech@hpsperformance.com](mailto:tech@hpsperformance.com)

## **PLEASE READ CAREFULLY BEFORE INSTALLATION!**

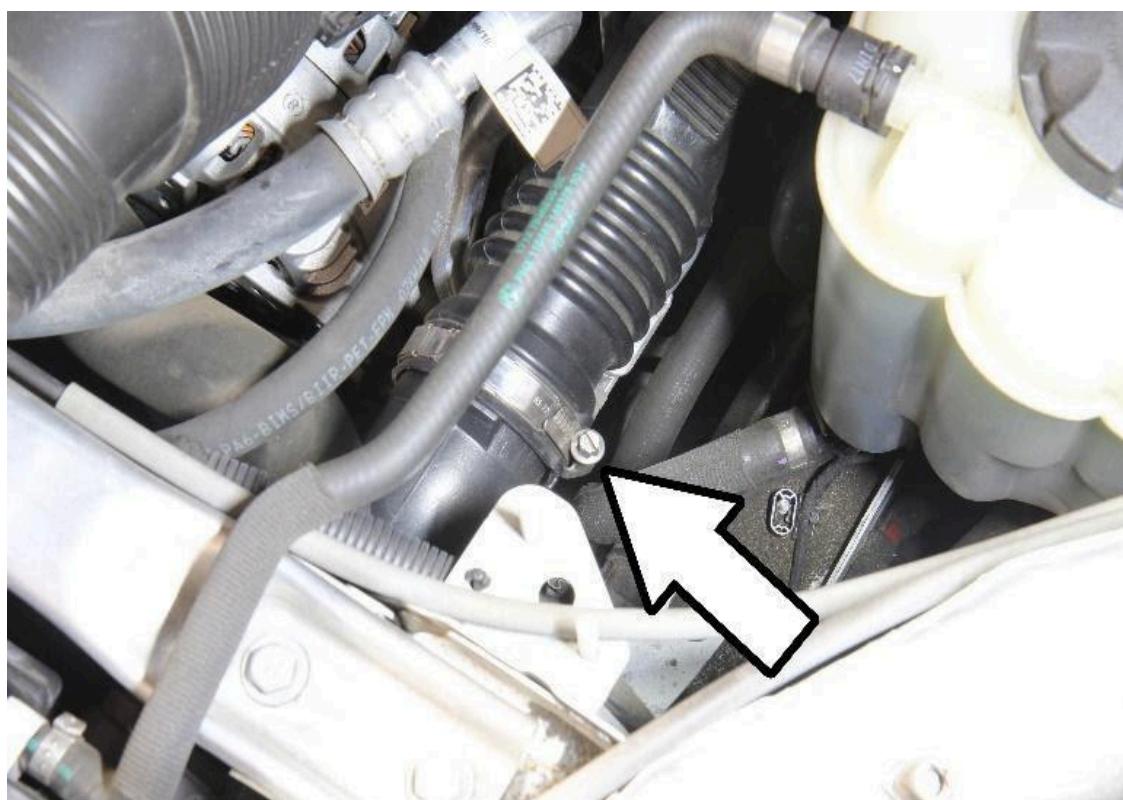
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

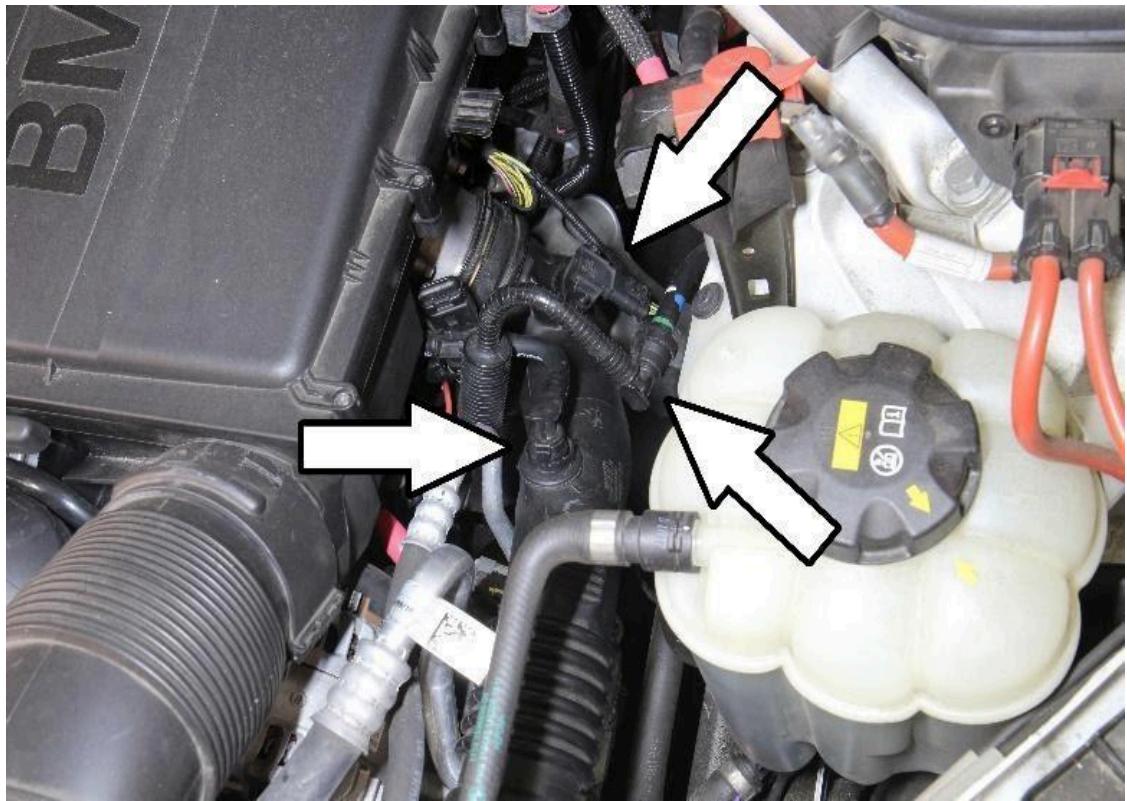
### **GETTING STARTED**

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 vehicle's 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. Loosen the hose clamp securing the factory charge pipe to the intercooler outlet.



3. Disconnect the air temperature sensor harness connector. Then, disconnect the vacuum ports at the points indicated above.



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



5. Secure the provided NPT plug into the HPS charge pipe.



6. Remove the factory retaining clip and 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.

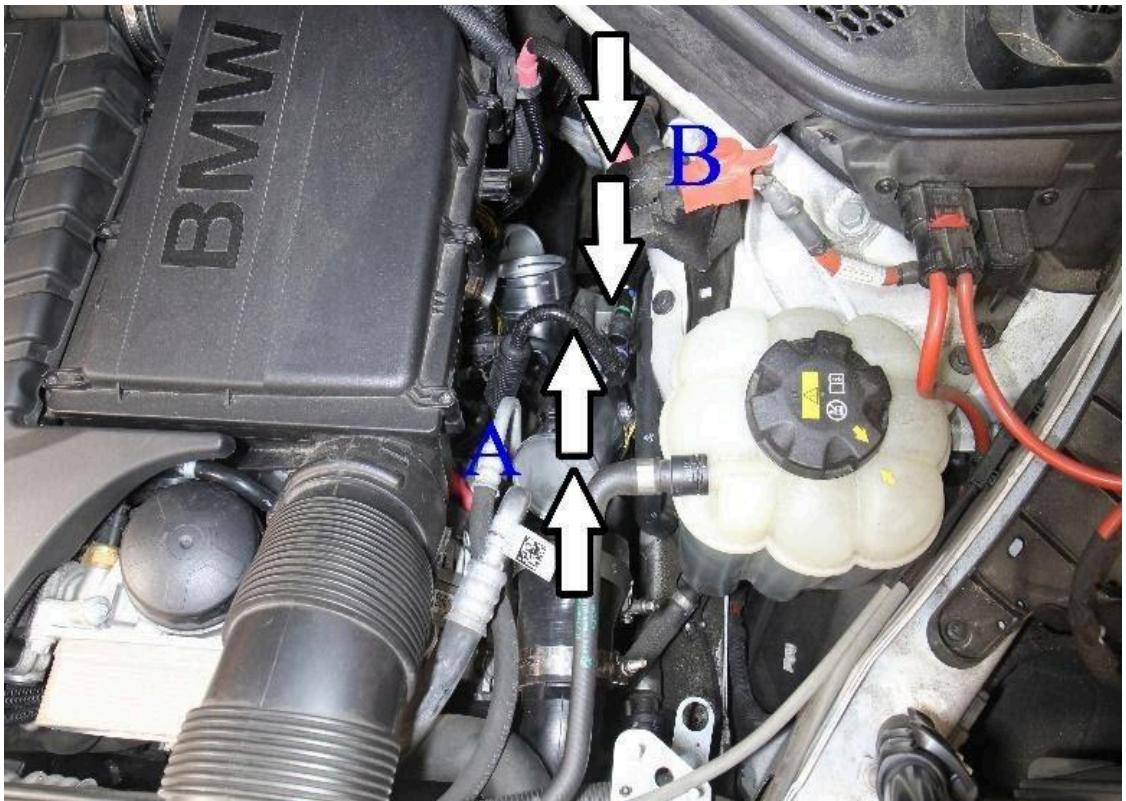


8. Secure the air temperature sensor onto the HPS charge pipe using the provided M6 bolts. Then place the O-ring into the quick connect.

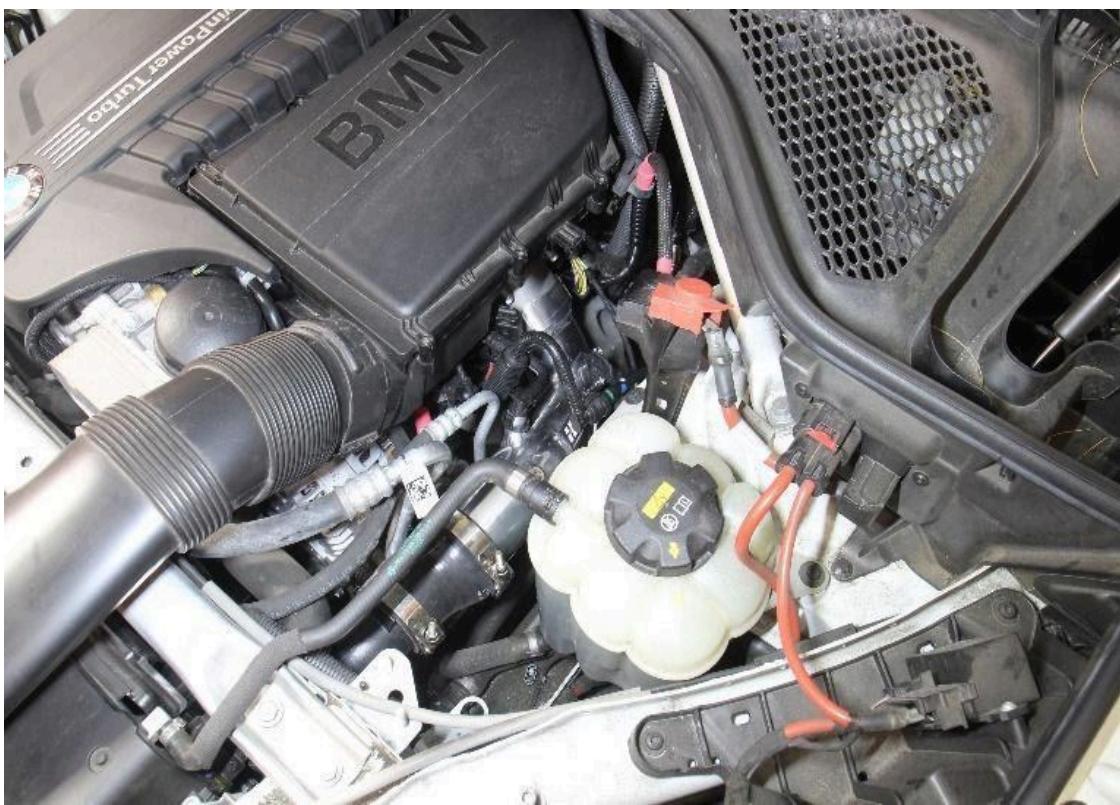


9. Install the coupler onto the intercooler outlet using the provided T-bolt clamps.

NOTE: Do not completely tighten the clamps at this point as adjustments may be needed for the following steps.



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. Slip the quick connect over the throttle body and adjust the coupler as needed. Once everything is properly positioned, tighten both T-bolts clamps on the coupler. Reinstall the vacuum ports and reconnect the air temperature sensor harness connector.



12. Secure the retaining clip onto the HPS quick connect.

NOTE: Make sure the quick connect is secure by tugging back on the HPS charge pipe.

## **FINAL STEPS**

Once the charge pipe 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.

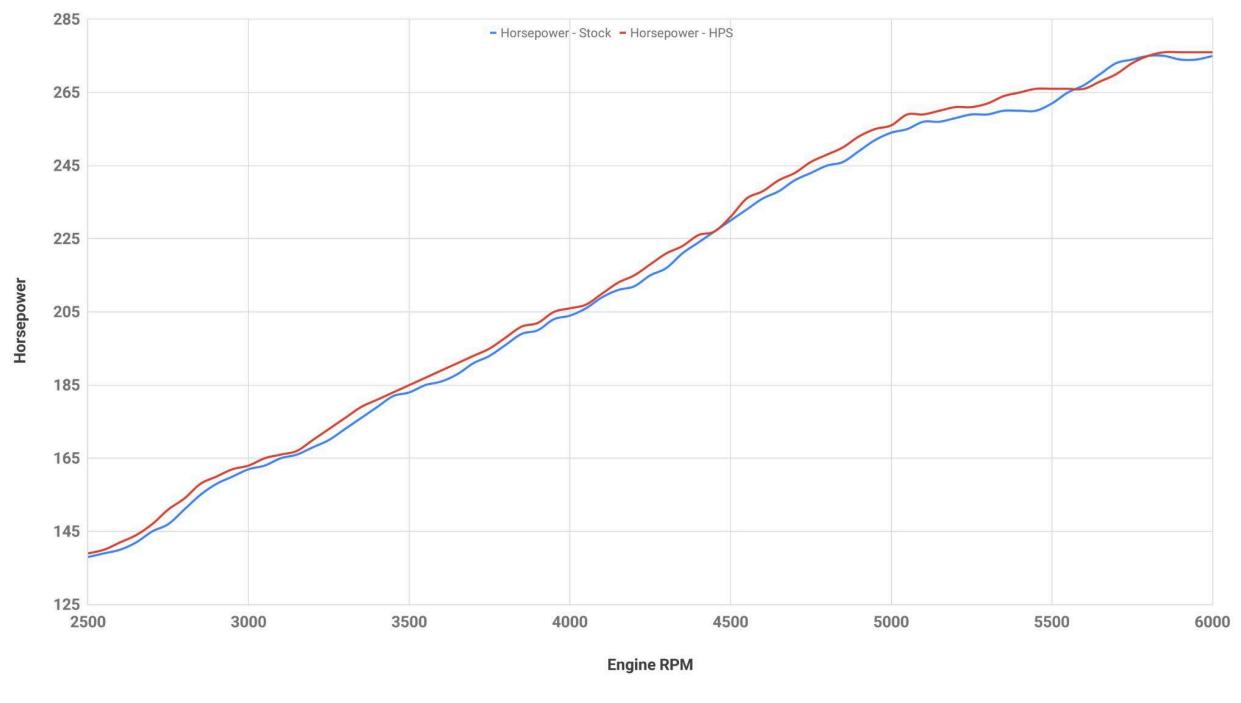
Start the engine. Let the car idle for 3 minutes. Perform a final inspection before driving. Listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that may be causing leaks or rattles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

Periodically, recheck the alignment of the charge pipe kit and make sure there is proper clearance around and along the length of the charge pipe. Failure to follow proper maintenance procedures may cause damage to the charge pipe and will void the warranty.



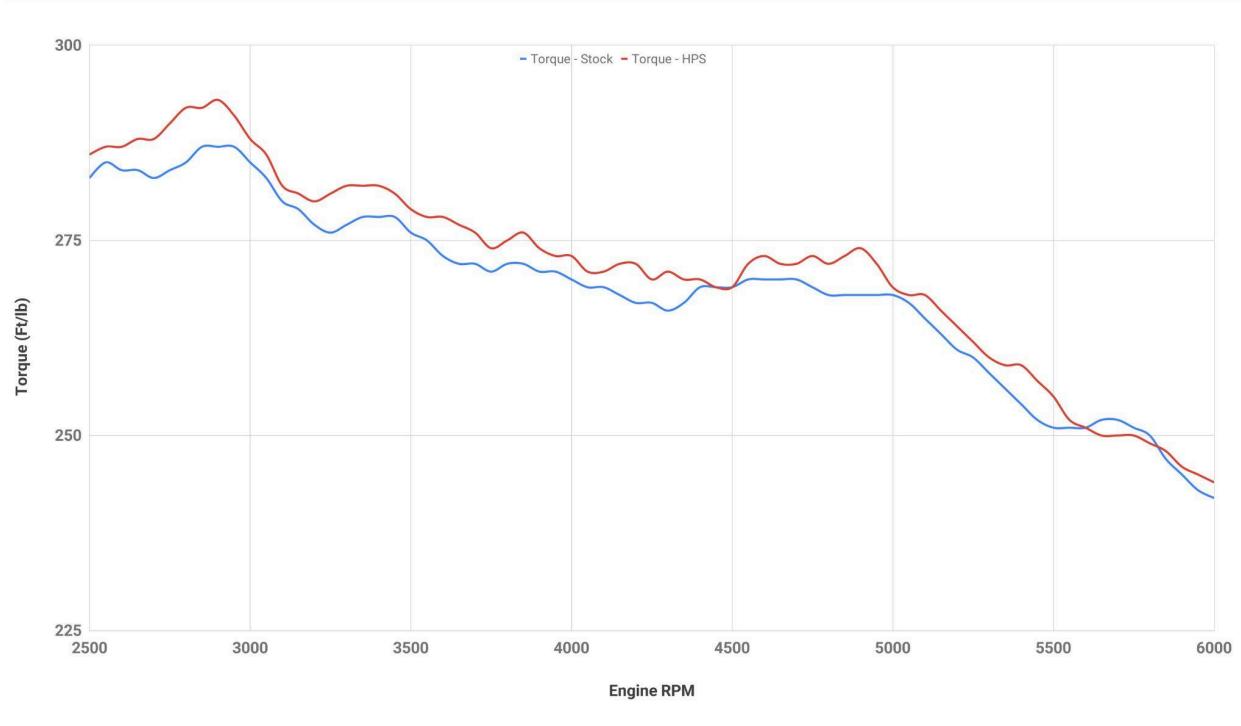
HPS Performance Charge Pipe (Cold Side)  
BMW 3.0L Turbo Gasoline Engine, N55  
Part Number: 17-127

Maximum Horsepower Gains = 5 whp @ 5400 rpm  
Tested Vehicle 2018 BMW X6 3.0L



HPS Performance Charge Pipe (Cold Side)  
BMW 3.0L Turbo Gasoline Engine, N55  
Part Number: 17-127

Maximum Torque Gains = 5 ft/lb @ 5400 rpm  
Tested Vehicle 2018 BMW X6 3.0L



**Also available for:**  
**BMW N55 3.0L turbo powered vehicles**



**HPS Titanium Coolant Bleed Screw**  
Part Number [HW22-1001](#)



**HPS Magnetic Oil Drain Plug**  
Part Number [MDP-M12x150](#)

Contact an authorized HPS Performance dealer or  
visit us at [hpsperformance.com](http://hpsperformance.com) for more details