



## **Performance Intercooler Pipe Kit Part Number: 17-107**

**2011 – 2013 BMW 135i 3.0L Turbo (N55, E82)  
2013 BMW 135is 3.0L Turbo (N55)  
2011 - 2013 BMW 335i 3.0L Turbo (N55)  
2013 – 2015 BMW X1 35i 3.0L Turbo (N55)**

## **Installation Instructions**

For technical inquiries please email us at [tech@hpsperformanceproducts.com](mailto: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: 17-107

Description	Prep	Part Number	Qty	Check
Cold Side Intercooler Pipe		529-398	1	
T-Bolt Clamp for 2.62" Hose		SSTC-73-81	1	
T-Bolt Clamp for 3.00" Hose		SSTC-83-91	1	
2.62" to 3.00" Reducer x 3" Long		HTSR-262-300-L25	1	
M6 bolt, 12mm long		HW-B6-12	2	
1/8"NPT Plug		4464K561	1	
Throttle Body Connector O-Ring		9452K165	1	

- Before installing any parts of this product, please read the instructions thoroughly.
- Verify the contents of this intercooler 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 intercooler pipe 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](mailto:tech@hpsperformanceproducts.com)

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

This installation is not for the novice customer. Install this system with EXTREME caution! Misuse of this product can destroy your engine! If you are not well versed in the installation of intercooler pipes and if you are not mechanically inclined, please have a tuner shop 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.



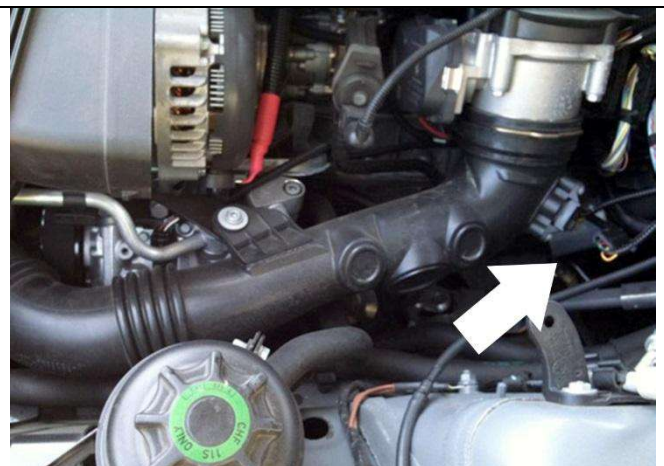
2. Loosen the hose clamp on the air intercooler pipe tube.



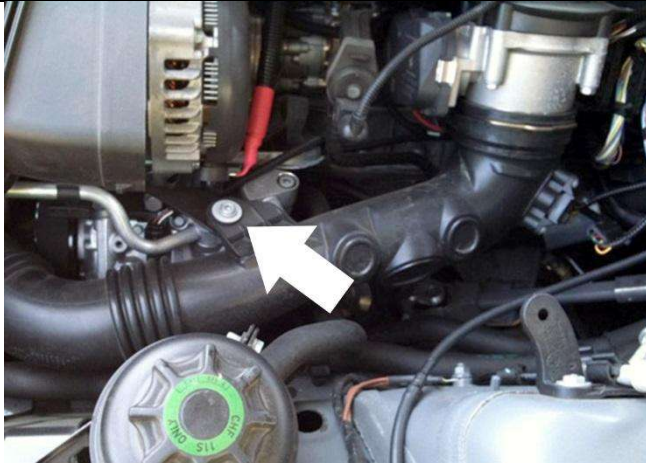
3. Unclip the MAF sensor connector.



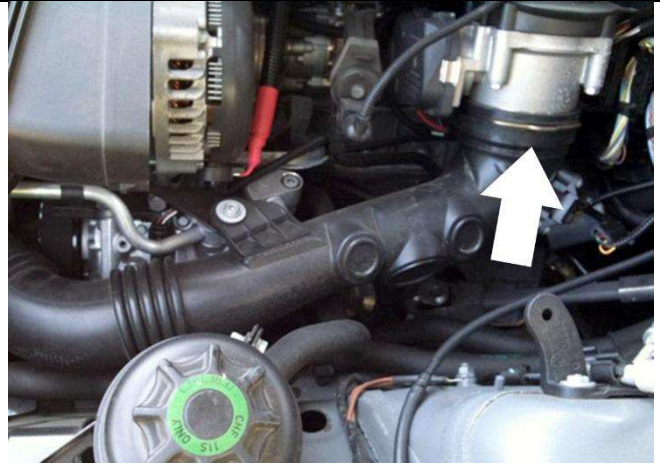
4. Carefully pull up and remove the upper and lower air cleaner assembly from the engine bay.



5. Unclip the MAP sensor connector.



6. Unbolt the charge pipe mounting bracket.



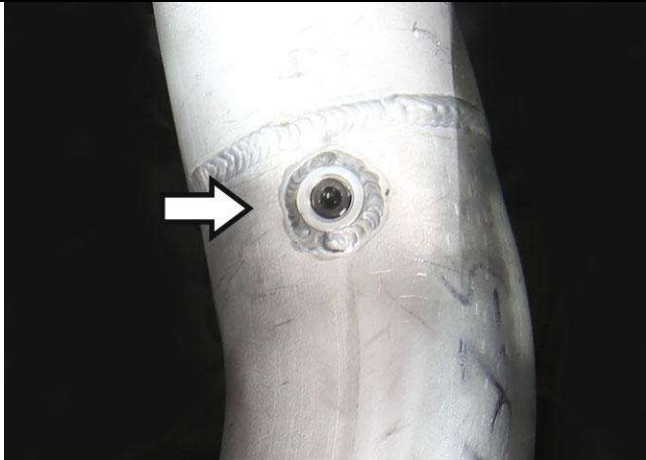
7. Use a flat head screwdriver to pry off and remove the metal retaining clip.



8. Loosen the hose clamp at the front of the charge pipe. The factory charge pipe can now be removed from the vehicle.



9. Install the provided O-ring in the groove on the charge pipe connector.



10. The 1/8" NPT port is for water injection or external sensors if you choose to use one. If not, install the provided plug using teflon tape to seal the threads.

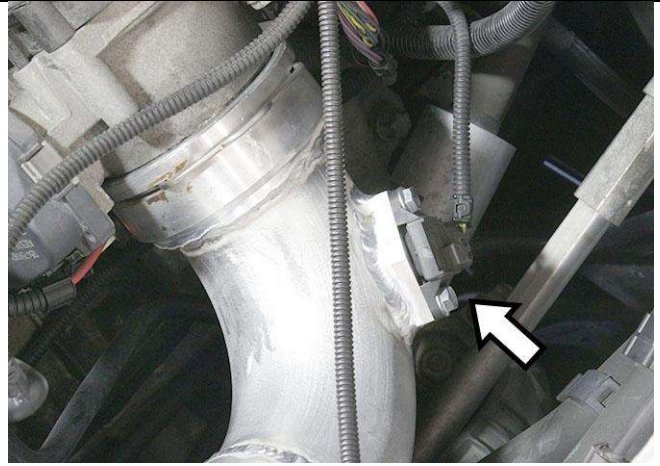


11. Install the silicone reducer onto the intercooler outlet pipe and secure it using the T-bolt clamp provided.

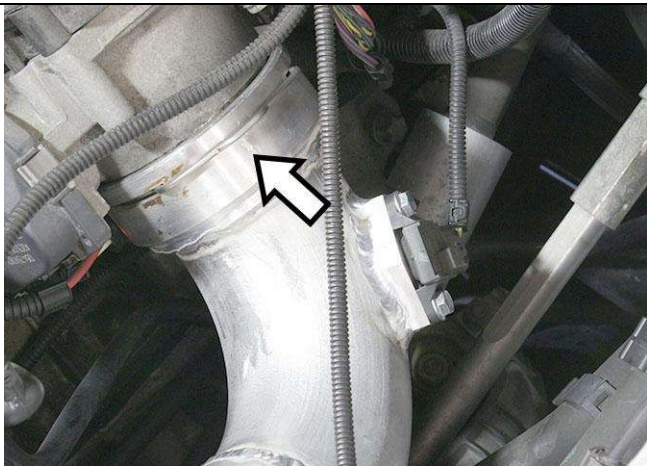




112. Insert the pipe into the silicone reducer.



13. Transfer the MAP sensor from the original charge pipe to the HPS charge pipe. Use the provided M6 bolts to secure the sensor. Be sure to reconnect the MAP sensor harness.



14. Insert the charge pipe onto the throttle body. Use the original metal clip to secure the charge pipe to the throttle body. Pull the pipe back to check that the clip is properly fastened.



### **Final Steps**

Once the intercooler pipe has been positioned and checked for clearance, tighten all of the T-bolt clamps and secure all of the parts.

Reinstall the intercooler pipe system by reversing steps 2 – 4.

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 the vehicle. 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 system and make sure there is proper clearance around and along the length of the intercooler pipe. Failure to follow proper maintenance procedures may cause damage to the intercooler pipe and will void the warranty.