

**ARW**  
**Motorsports**

**BMW F8X M3 M4 M2C S55 SILICONE CHARGE PIPES**



**Required tools for install:**

**11mm deep socket**

**8mm socket**

**4mm hex key**

**Pick Tool**

**Rear Charge Pipe**

**STEP 1:**

**Connect the wider end of charge pipe to the intercooler, this will be a tight fit, have a pick on hand to help pull silicone over the intercooler connection. Add spring clamp to the rear hose with the nut pointed rearward.**



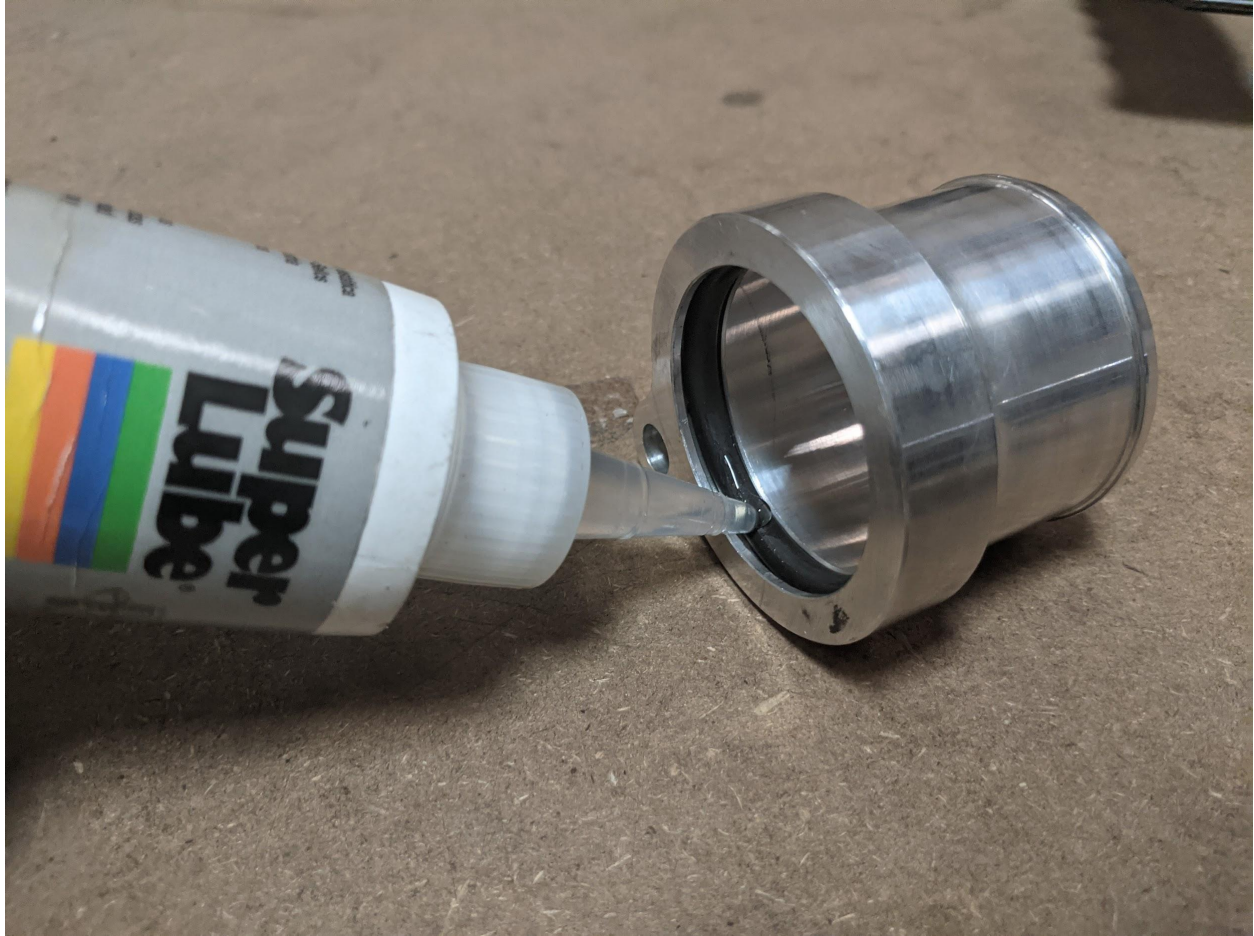
**STEP 2:**

**Remove the o-ring from the stock charge pipe and install it onto one of the aluminum adapters included with your ARM Charge Pipe kit.**



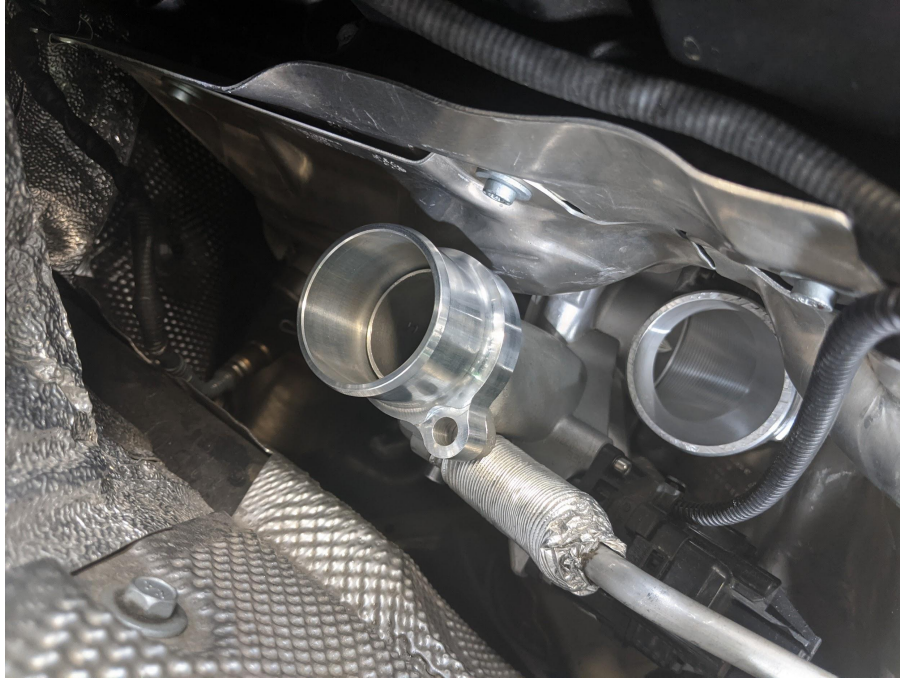
**STEP 3:**

**Lubricate the o-ring and install onto the turbo outlet.**



**STEP 4:**

**Use included screw and washer to mount the aluminum adapter to the rear turbo outlet. (4mm hex) (8nm or 70in lbs)**



**STEP 5:**

**Put one of the two worm clamps onto the rear charge pipe with the nut facing forward and slip the charge pipe onto the aluminum**

**adapter. Tighten the worm clamp around the aluminum adapter using an 8mm socket to 3nm or 26in lbs. Tighten the spring clamp with an 11mm socket to 7nm or 60in lbs.**



## **Front Charge Pipe**

**STEP 1:**

**Connect the wider end of the charge pipe to the intercooler just like we did with the rear charge pipe.**

**Add the spring clamp to the front charge pipe and have the nut facing forward.**

**Remove the o-ring from the stock charge pipe and install it onto the ARM aluminum adapter, the same as the rear charge pipe.**

**Lubricate O-ring and install onto the turbo outlet.**

**Use included screw and washer and mount the aluminum adapter to the front turbo outlet. This will use the same 4mm hex torqued to 8nm or 70in lbs.**





**STEP 2:**

**Place the worm clamp onto the front charge pipe and slip the charge pipe onto the aluminum adapter. Position the direction of the nut so it is easily accessible for you.**



**Optional:**

**To help with making sure you have the worm clamp in the correct position, you can remove the small PCV pipe that connects to the turbo inlet and simply push it out of the way, but be careful because this connection also has an electrical connector on the underside. This opens up enough room for you to get your hand on the back side to make sure the clamp is sitting properly.**





**Tighten the worm clamp using an 8mm socket to 3nm or 26in lbs.**

**Tighten the spring clamp using an 11mm socket to 7nm or 60in lbs.**



**The last step which is optional is to reinstall the engine cover.**



**Enjoy your new ARM Motorsports S55 Silicone Charge Pipes!**

**If you have any questions or need further assistance, feel free to email us at [getarmed@armmotorsports.com](mailto:getarmed@armmotorsports.com)**

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