



BMW F3x B58 Turbo Inlet Pipe Installation Instructions



Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

INSTALLATION NOTES

- **RH** refers to the *passenger side* of the vehicle.
- **LH** refers to the *driver side* of the vehicle.
- Always use the proper torque specifications.
- If applicable to this installation, torque specifications will be listed throughout the document and at the end as well.
- Please read all of these instructions and familiarize yourself with the complete process **BEFORE** you begin.

GENERAL PREPARATION AND SAFETY INFORMATION

Turner Motorsport cares about your health and safety, please read the following safety information. This information pertains to automotive service in general, and while it may not pertain to every job you do, please remember and share these important safety tips.

- Park your car in a safe, well lit, level area.
- Shut the engine off and remove the key from the ignition switch.
- Make sure any remote start devices are properly disabled.
- **ALWAYS** wear safety glasses.
- Make sure the parking brake is applied until the vehicle is safely lifted and supported.
- Whether lifting a vehicle using an automotive lift or a hydraulic jack, be sure and utilize the factory specified lift points.
- Lifting a vehicle in an incorrect location can cause damage to the suspension/running gear.
- **ALWAYS** support the vehicle with jack stands.
- **ALWAYS** read and follow all safety information and warnings for the equipment you are using.



NEVER get underneath a vehicle that is supported only by a jack, and **ALWAYS** make sure that the vehicle is securely supported on jack stands.

REMOVING THE STOCK INLET PIPE

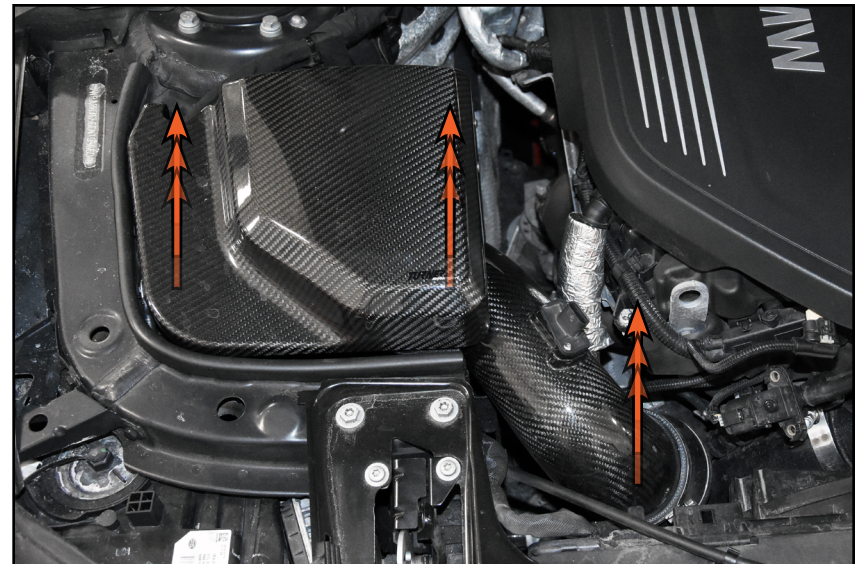
Step 1:

Disconnect the MAF sensor connector (highlighted in **RED**).



Step 2:

Remove the intake system or air box from the turbo inlet and set it aside.



REMOVING THE STOCK INLET PIPE

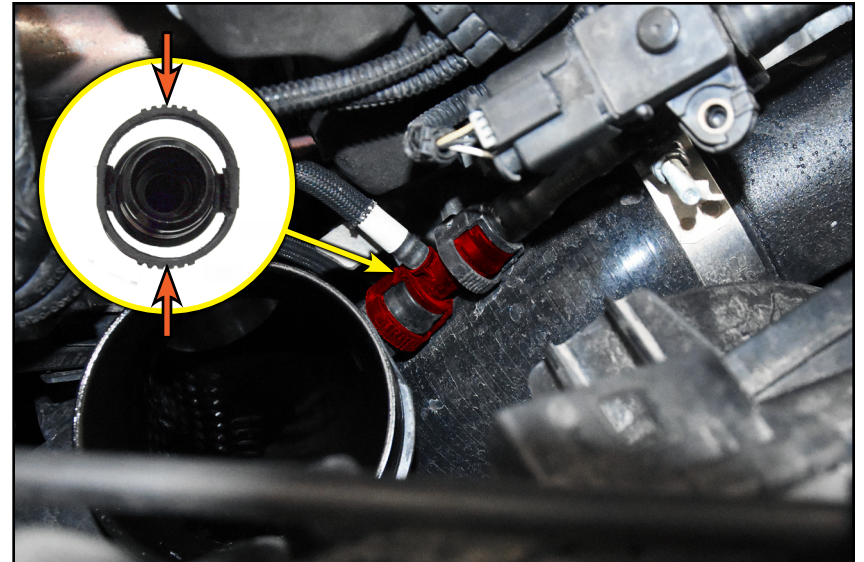
Step 3:

Lift up on the engine cover to pop it free from its mounting grommets.



Step 4:

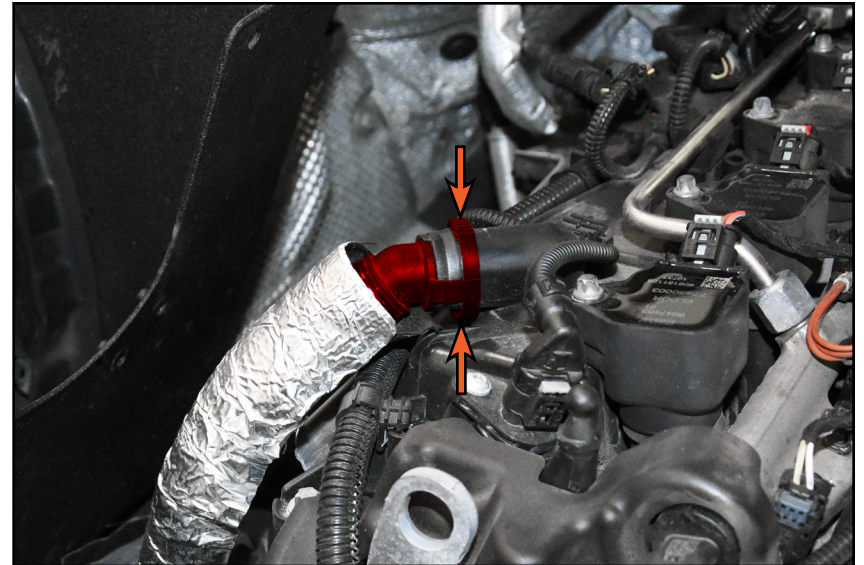
Depress the two locking tabs and pull the plastic vacuum line (highlighted in **RED**) off of the flange on the turbo inlet.



REMOVING THE STOCK INLET PIPE

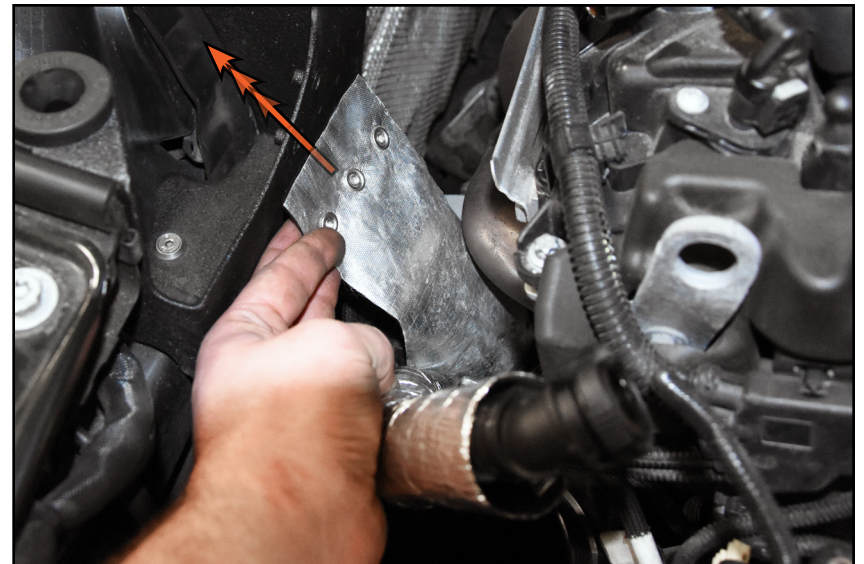
Step 5:

Depress the two locking tabs and pull the PCV hose (highlighted in **RED**) off of the flange on the top of the valve cover.



Step 6:

Unsnap the small heat wrap from around the turbo wastegate actuator and carefully remove it as shown.



REMOVING THE STOCK INLET PIPE

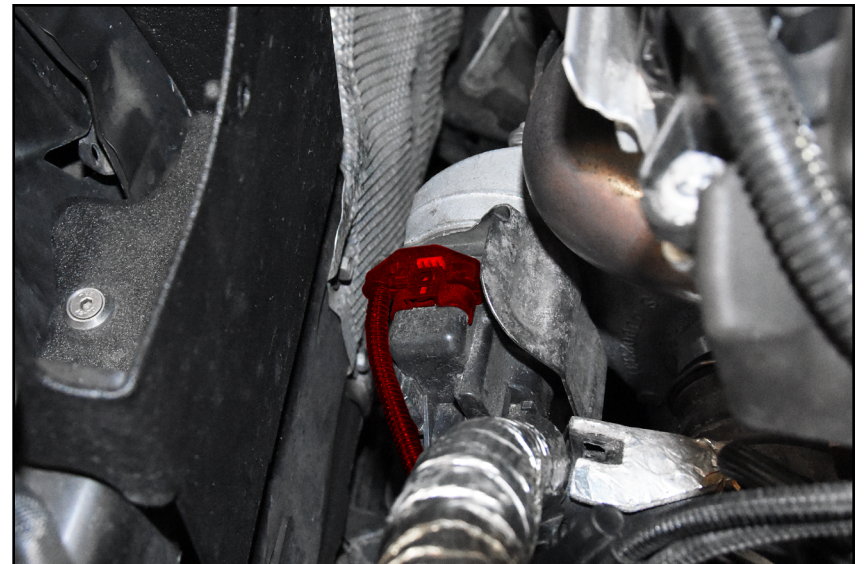
Step 7:

Disconnect the sensor connector (highlighted in **RED**) from the PCV hose attached to the side of the turbo inlet pipe.



Step 8:

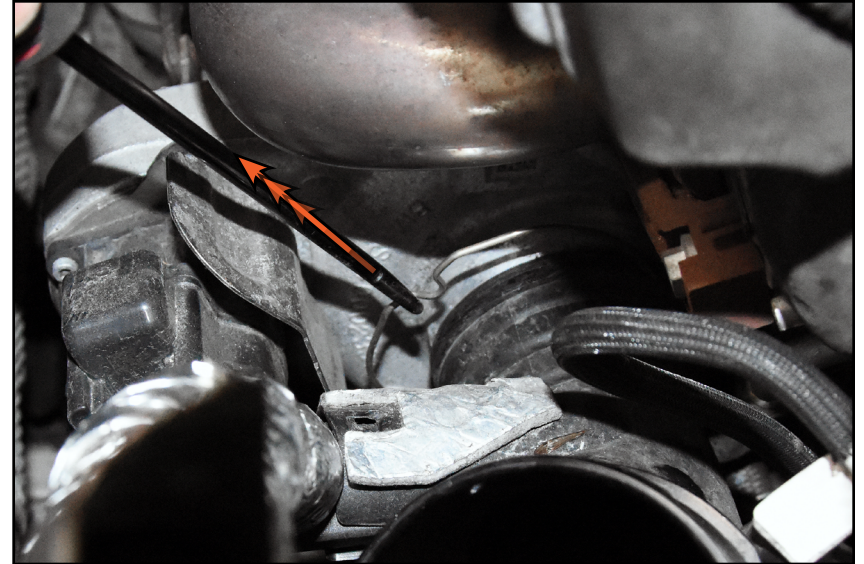
Disconnect the connector (highlighted in **RED**) from the wastegate actuator and move the wiring harness out of the way.



REMOVING THE STOCK INLET PIPE

Step 9: Angled Pick Tool

Pull up on the spring clip pull then the inlet off the turbo and carefully guide it out of the vehicle.



Step 10:

Depress the two locking tabs (arrows) and pull the PCV hose (highlighted in **RED**) free from the turbo inlet pipe.



INSTALLING THE NEW INLET PIPE

Step 1:

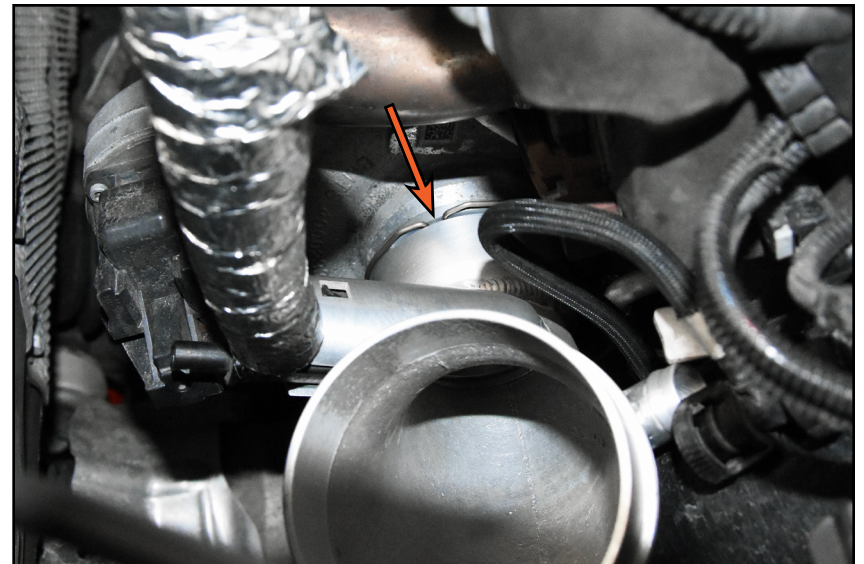
Slide the PCV hose (highlighted in **GREEN**) into the fitting on the new turbo inlet pipe and push down until both locking tabs click into place.

Ensure that the provided O-ring and spring clip (arrows) are both properly installed into the turbo inlet before moving forward.



Step 2:

Slide the new turbo inlet onto the turbo as far as it will go, then snap the spring clip (arrow) into place to secure it.



INSTALLING THE NEW INLET PIPE

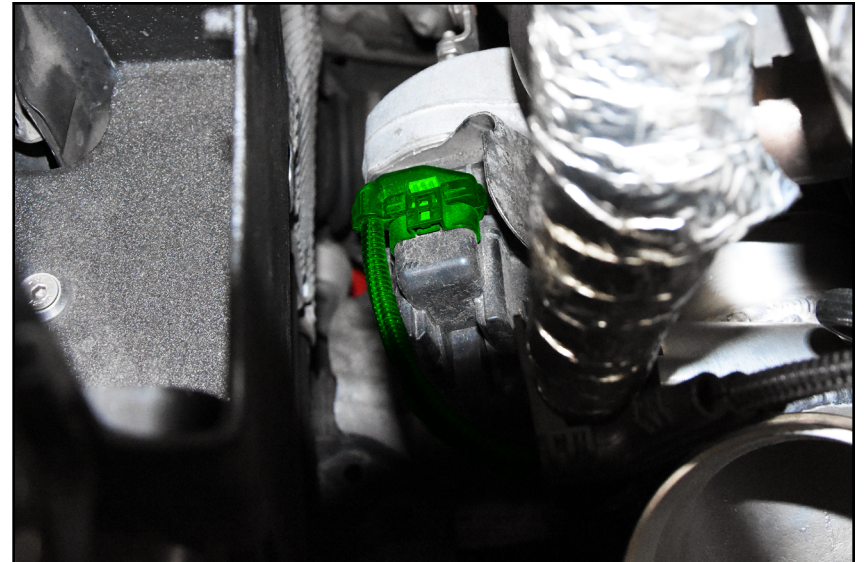
Step 3:

Slide the PCV hose (highlighted in **GREEN**) onto the flange on the valve cover until the two locking tabs “click” into place.



Step 4:

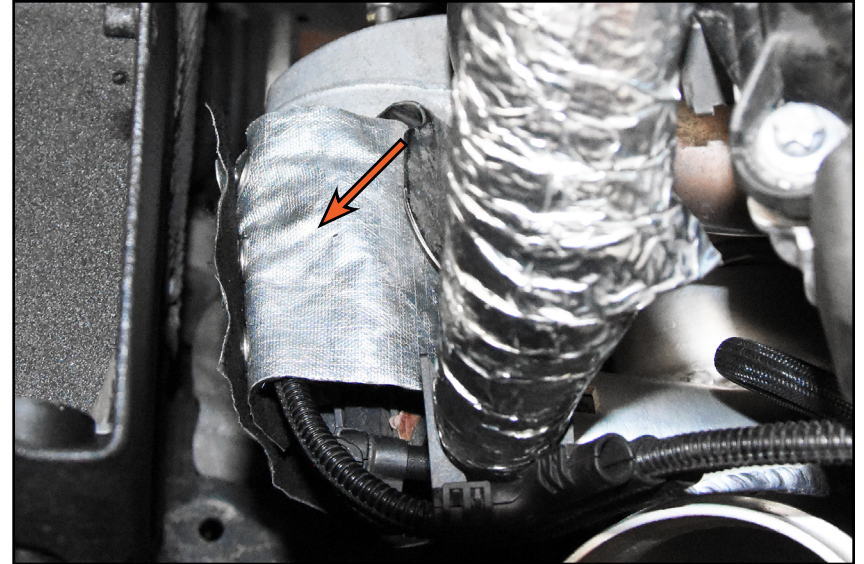
Reconnect the wastegate actuator connector (highlighted in **GREEN**).



INSTALLING THE NEW INLET PIPE

Step 5:

Reinstall the heat wrap around the wastegate actuator and snap it together.



Step 6:

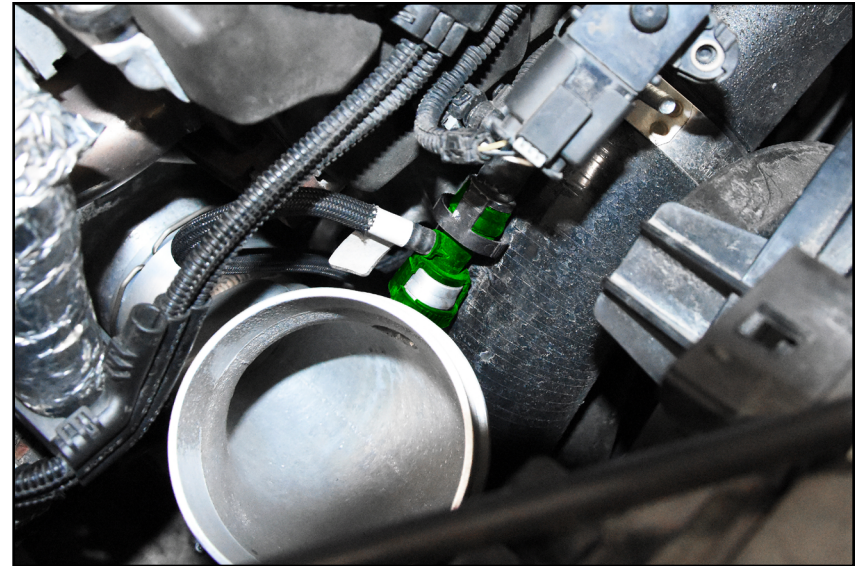
Reconnect the PCV hose sensor connector (highlighted in **GREEN**).



INSTALLING THE NEW INLET PIPE

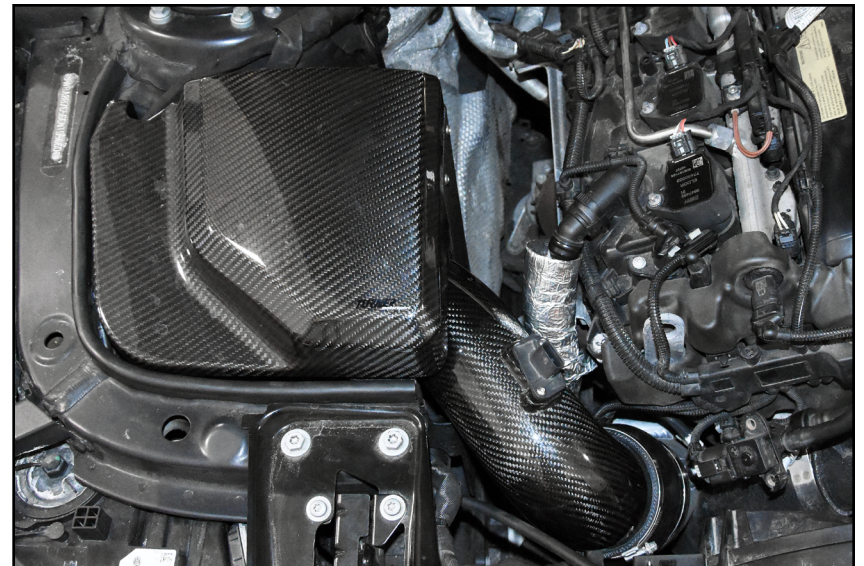
Step 7:

Slide the plastic vacuum line (highlighted in **GREEN**) onto the flange on the new turbo inlet pipe until the two locking tabs “click” into place.



Step 8:

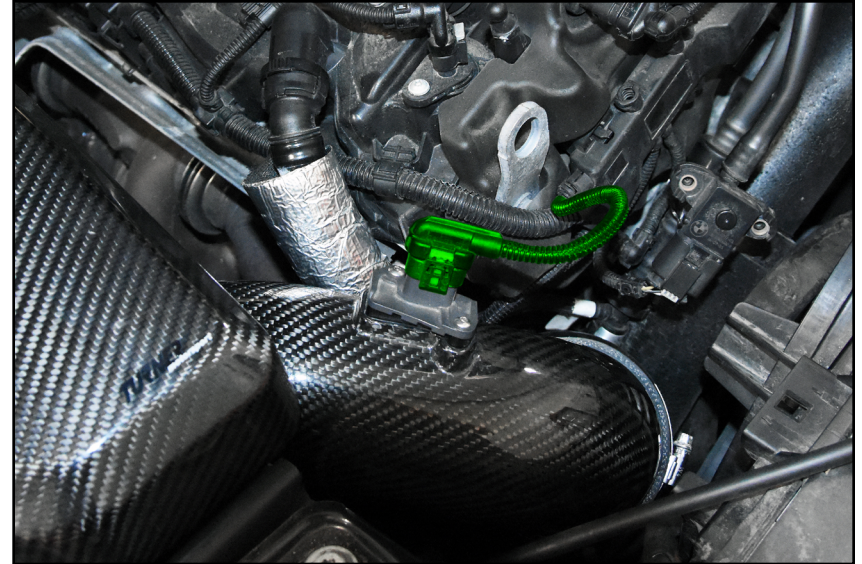
Reinstall the intake system or air box.



INSTALLING THE NEW INLET PIPE

Step 9:

Reconnect the MAF sensor connector (highlighted in **GREEN**).



Step 10:

Reinstall the engine cover.

Congratulations, your installation is complete!



Your Turbo Inlet Pipe installation is complete!



These instructions are provided as a courtesy by Turner Motorsport

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