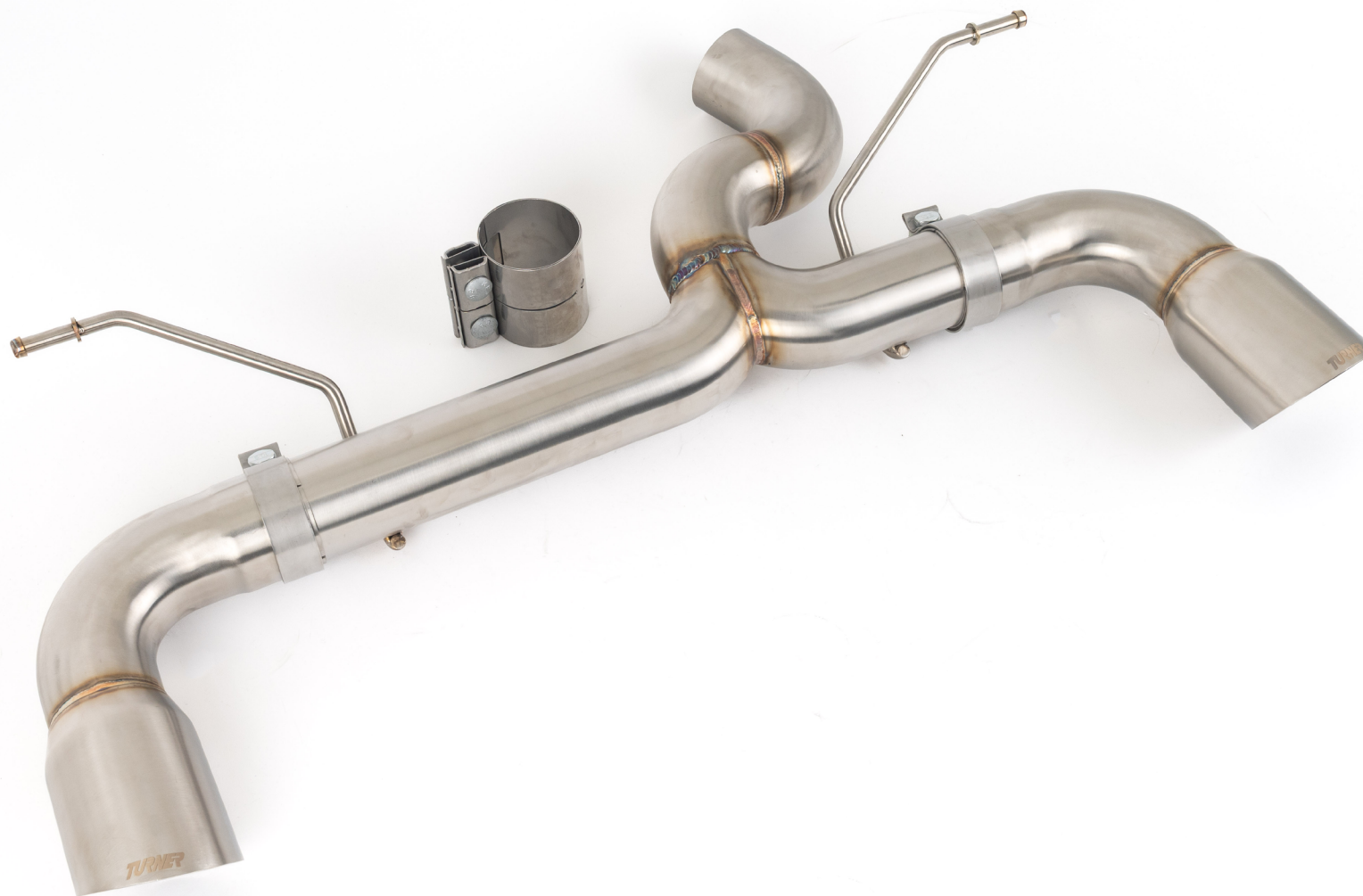




BMW F3x B58 Muffler Delete Kit Installation Instructions



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 MUFFLER

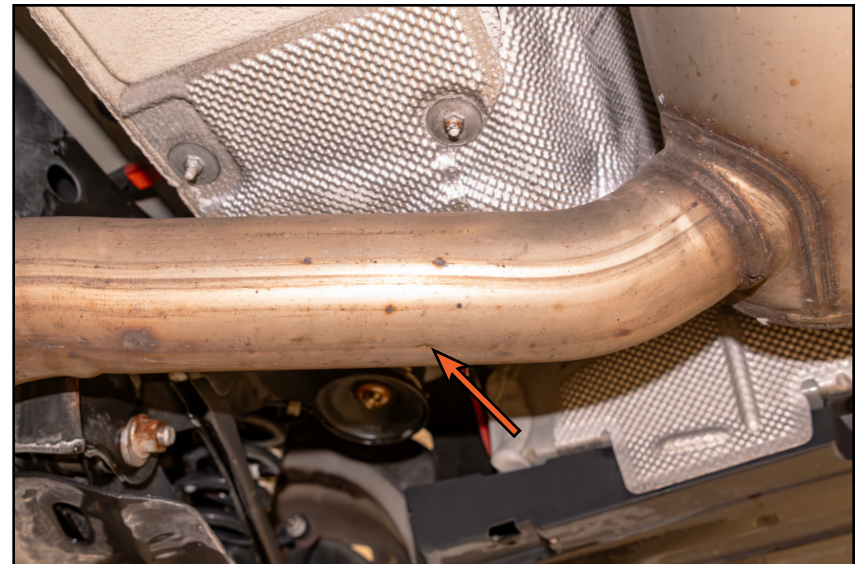
Step 1:

Disconnect the connector (highlighted in **RED**) from the exhaust valve controller and tuck the harness safely out of the way.



Step 2: Marker -OR- Masking Tape

Locate the faint OE dimple (arrow) on the exhaust pipe, just upstream of the muffler, and make a mark all the way around the pipe at this point.



REMOVING THE STOCK MUFFLER

Step 3: Exhaust Pipe Cutter Tool, Metal File



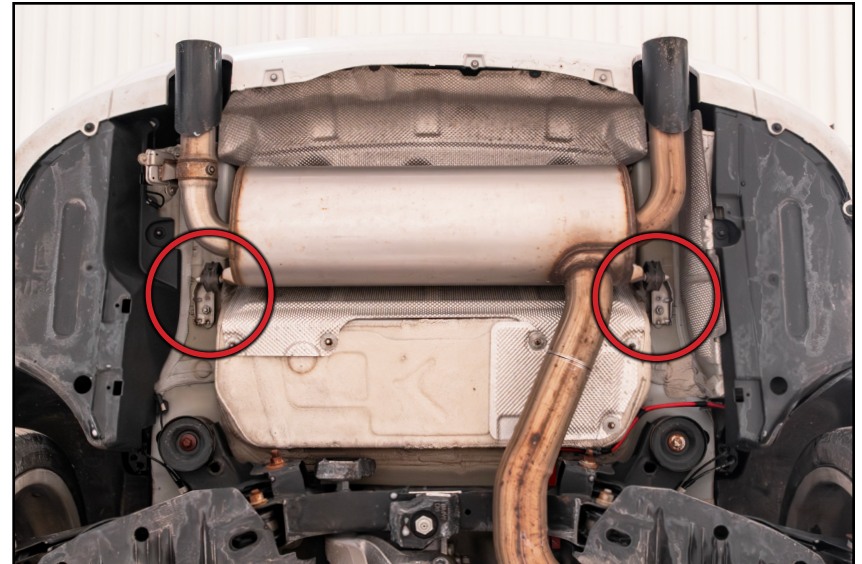
It is ***absolutely imperative*** that you take your time here and double or triple check your mark before you cut anything. There is no turning back once the pipe has been cut, so measure twice, cut once!

Cut along the line made in the previous step, being sure to cut as straight as possible until you cut all the way through the pipe, then remove any burrs from the exhaust pipe, this will ensure a proper fit and seal once the new pipes are installed.



Step 4: 13mm Socket & Ratchet

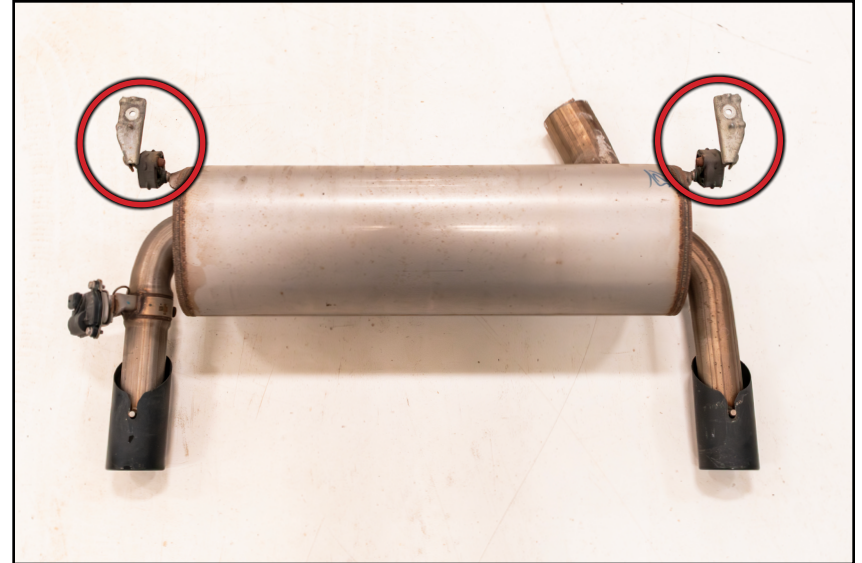
Support the muffler from below, then remove the nuts to disconnect the exhaust hangers (circled in **RED**) from the vehicle and carefully remove the muffler.



MUFFLER DELETE KIT INSTALLATION

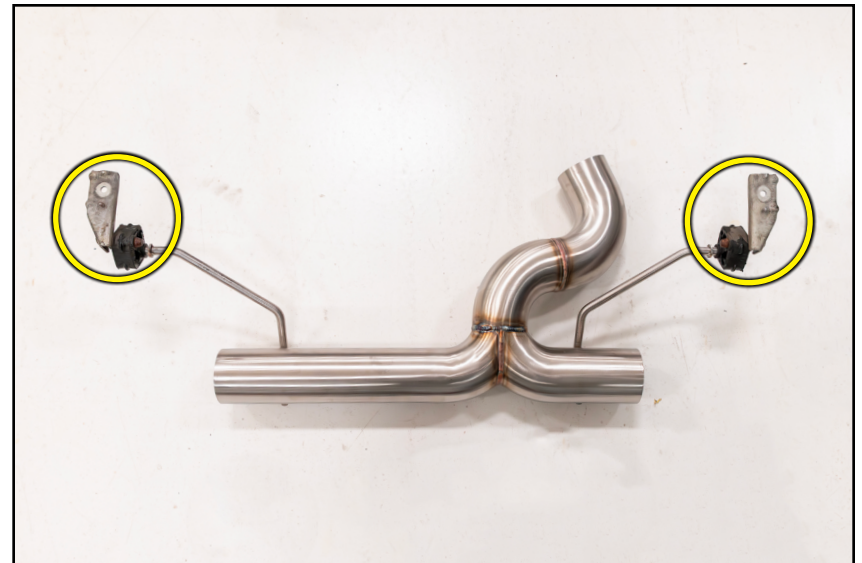
Step 1: Exhaust Hanger Removal Pliers

Remove the hangers (circled in **RED**) from the stock muffler and set them aside.



Step 2:

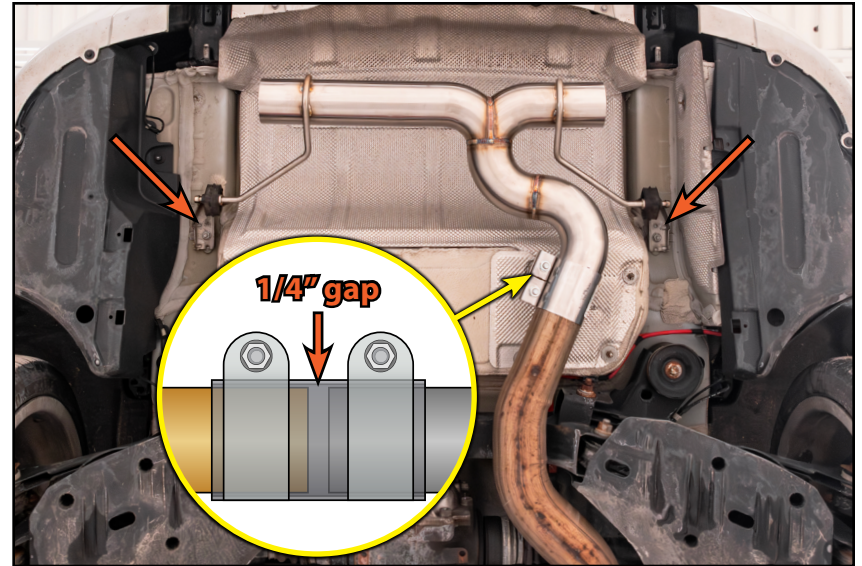
Transfer the muffler hangers (circled in **YELLOW**) to the new Y-pipe as shown, orienting them exactly as they were before.



MUFFLER DELETE KIT INSTALLATION

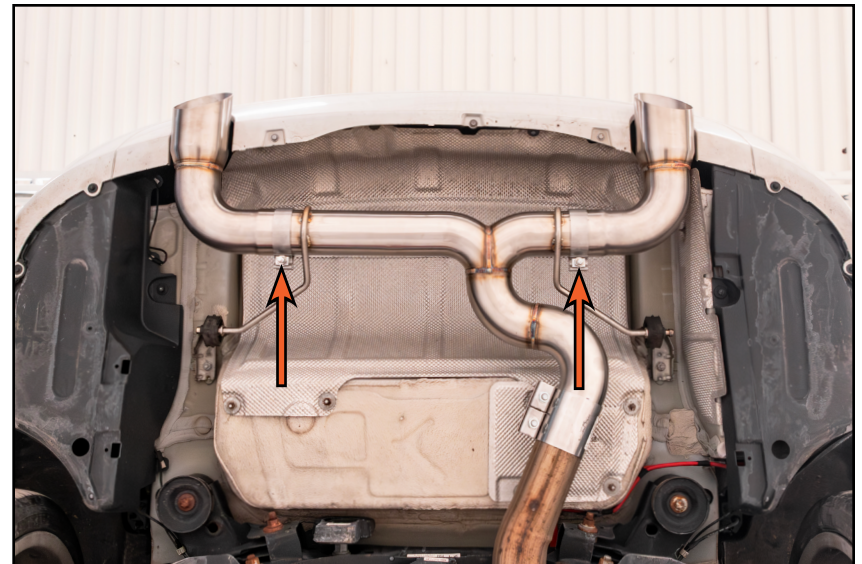
Step 3: 13mm, 17mm Socket & Ratchet

Lift the new Y-pipe and sleeve clamp into place and secure the hangers (arrows) to the vehicle. Center the sleeve clamp between the pipes, leaving a 1/4" gap (as shown in inset photo), then lightly snug the sleeve clamp.



Step 4: 15mm Socket & Ratchet

Slide the tail pipes and clamps onto the Y-pipe and lightly snug the clamps (arrows).



MUFFLER DELETE KIT INSTALLATION

Step 5: 15mm, 17mm Socket & Ratchet

Adjust the Y-pipe until the pipes are level side-to-side (**Photo #1**). Adjust the tail pipes until the exhaust tips are centered in the exhaust cutout in the bumper (**Photo #2**), then fully tighten all the clamps.



Congratulations, Your installation is complete!

Your Muffler Delete Kit installation is complete!



These instructions are provided as a courtesy by Turner Motorsport

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