



INSTALLATION GUIDE

CTS Turbo F8X M3/M4 S55 Downpipe Install



20630 Mufford Crescent, Unit #309
Langley, British Columbia V2Y 2V9

www.CTSTURBO.com

WHAT IS INCLUDED

1. Downpipes
2. Gasket
3. Hardware



TOOLS REQUIRED

1. Flat blade screwdriver
2. 7mm, 8mm, 10mm, 12mm sockets
3. 2.5mm Allen
4. o2 Sensor Removal Socket
5. Small Prybar

NOTES

Vehicle used in this guide is a 2015 BMW M3. Always make sure the car is safe to work on. Do not work on a hot motor. We do not accept any liability for incorrect installation or damage during the install.

STEP 1

Remove Your Engine Cover, Passenger Side Airbox and Charge-Pipes.

*DIY For Removal

<http://www.ctsturbo.com/wp-content/uploads/2018/08/CTS-Installation-Guide-CTS-IT-288.pdf>



STEP 2

Locate and Label your o2 Sensors:

FRONT 1 (In engine bay)

REAR 1

FRONT 2 (in engine bay)

REAR 2

The connectors are color-coded so it's difficult to accidentally mix them up.

*the rear sensors can be labeled later in the process

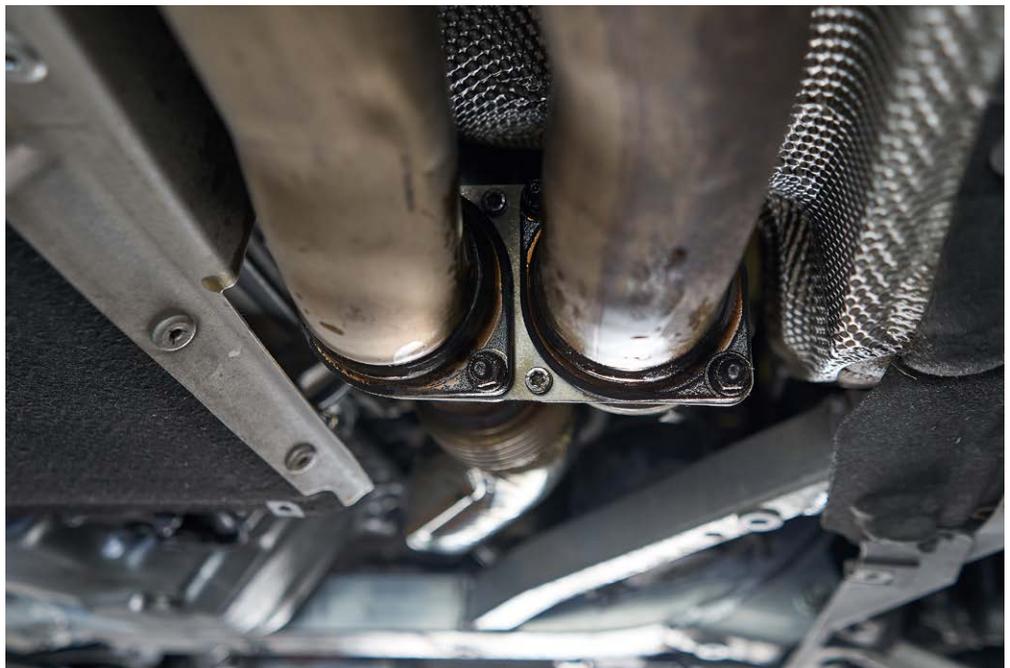


STEP 3

Lift the vehicle and Remove the 12mm & 8mm bolts holding the metal belly pan to the car

**STEP 4**

Soak the Downpipe bolts in Penetrating fluid & remove.

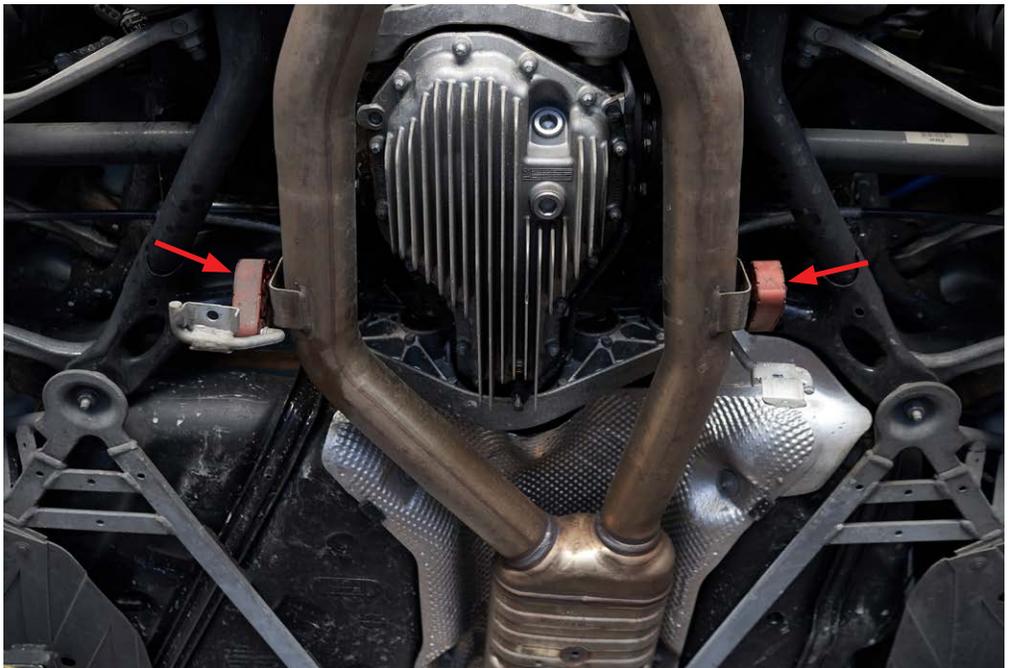


STEP 5

Remove the exhaust hangers shown



STEP 5.5



STEP 6

Separate the downpipe from the catback

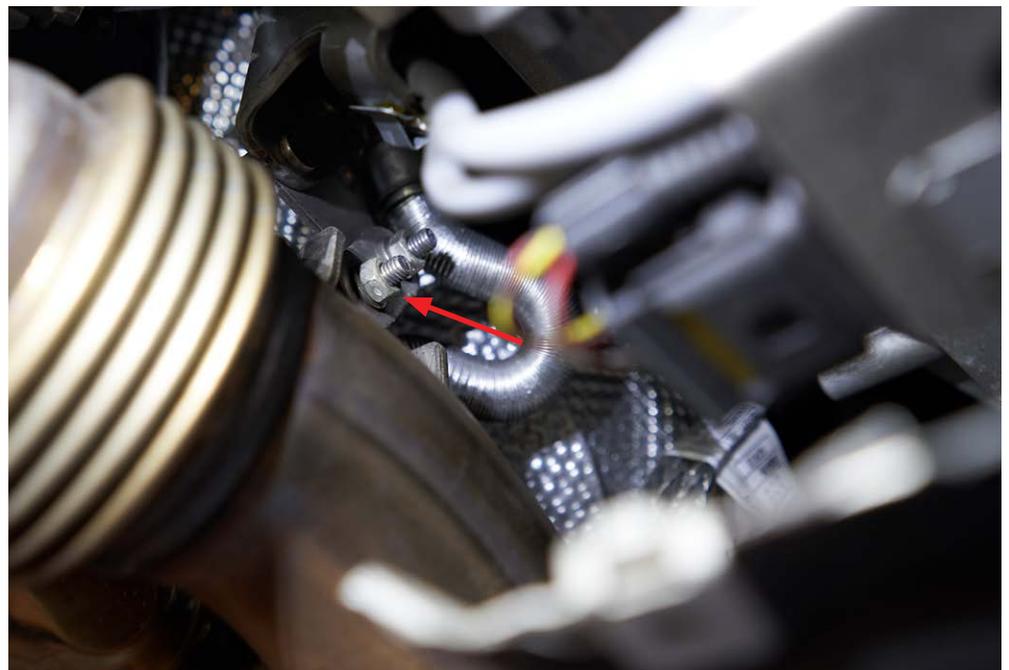
*A small prybar or long flathead screwdriver may be necessary.



STEP 7

Remove the bolt shown

Located between the Downpipes and the firewall.



STEP 8

Loosen V-Band on the Turbo to Downpipe connection.



STEP 8.5

Remove downpipe and leave V-band in place.

*It will take a bit of fiddling to remove the first pipe.



STEP 9

Transfer the o2 sensors to the new downpipe



STEP 10

Re-install downpipes



STEP 11

Re-route your O2 sensor wiring, connect clips and install hardware.

Re-Assemble the rest of the pieces you removed.

