



INSTALLATION GUIDE

**CTS Turbo BMW N55 Downpipe
Pneumatic Wategate Actuator
CTS-EXH-DP-0022**



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

www.CTSTURBO.com

WHAT IS INCLUDED

1. CTS Turbo Catback
2. Mounting bolts (not pictured)

**TOOLS REQUIRED**

1. 8mm, 13mm Socket
2. Socket extension
3. E10 torx
4. O2 Sensor tool

NOTES

Vehicle used in this guide is a 2012 BMW 335xi with electric wastegate actuator. 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

Begin by removing the covers on the top of the engine to access the two O2 sensor connectors and disconnect them.

**STEP 2**

Safely jack the car up or raise it on a lift to remove the passenger side wheel.

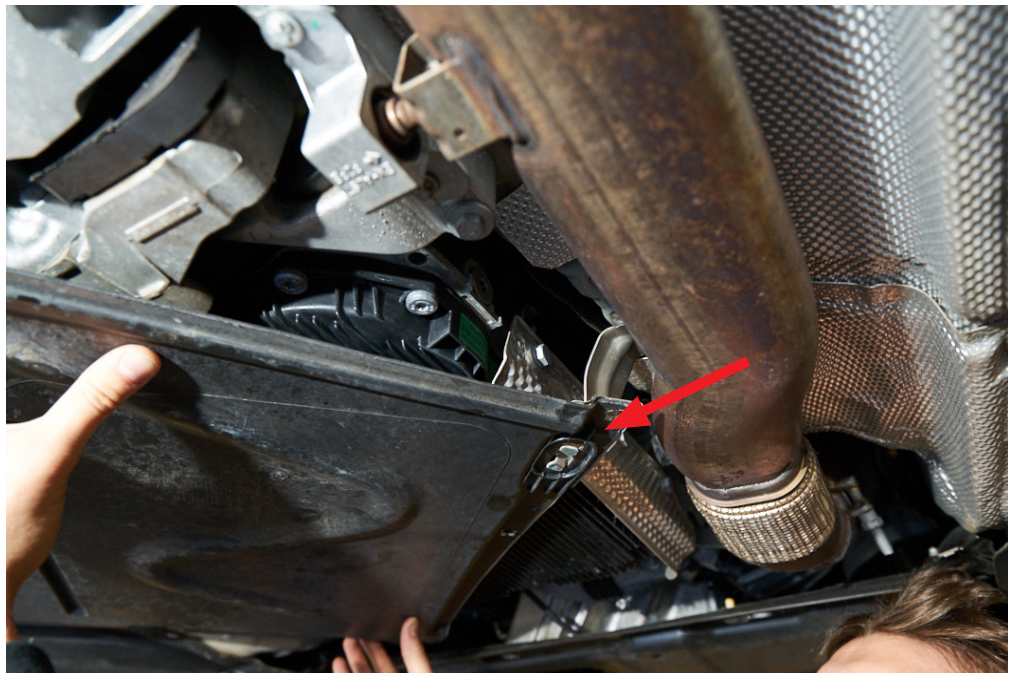


STEP 3

Underneath the car, remove the 8mm bolts securing the belly pan.

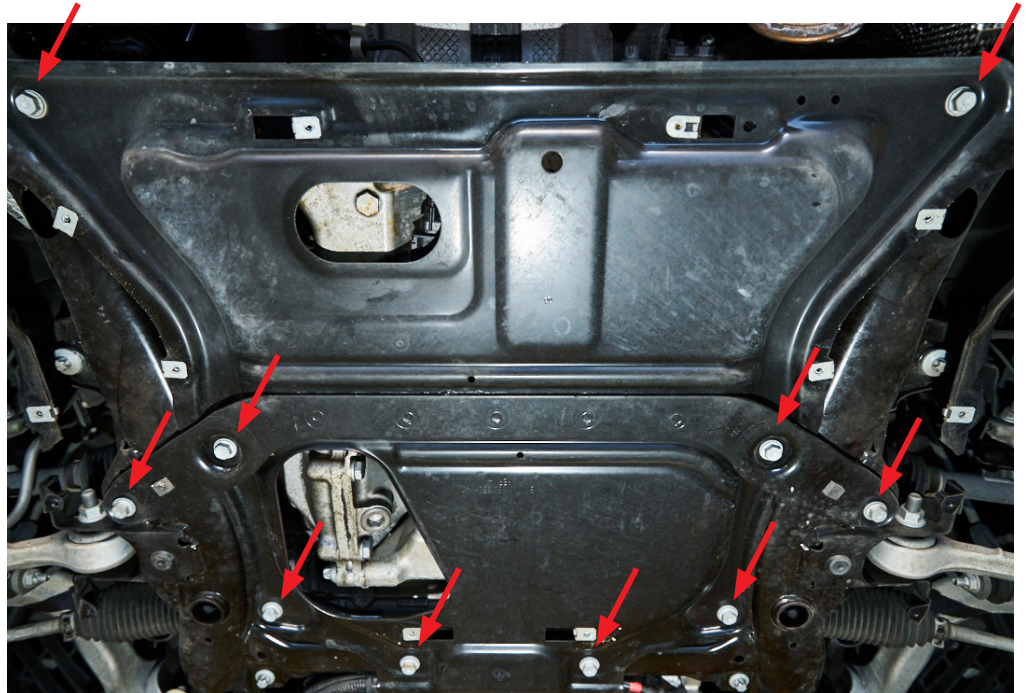
**STEP 4**

Remove the plastic cover underneath by removing the screws and rotating to align the slot indicated.



STEP 5

Remove the steel transmission cover using a 13mm socket.

**STEP 6**

Loosen the downpipe bracket using an E10 torx



STEP 7

You will need to use a 13mm socket with extension to reach the upper vband on the stock downpipe.

**STEP 8**

Release the upper vband by accessing through the wheel well with the socket and extension.

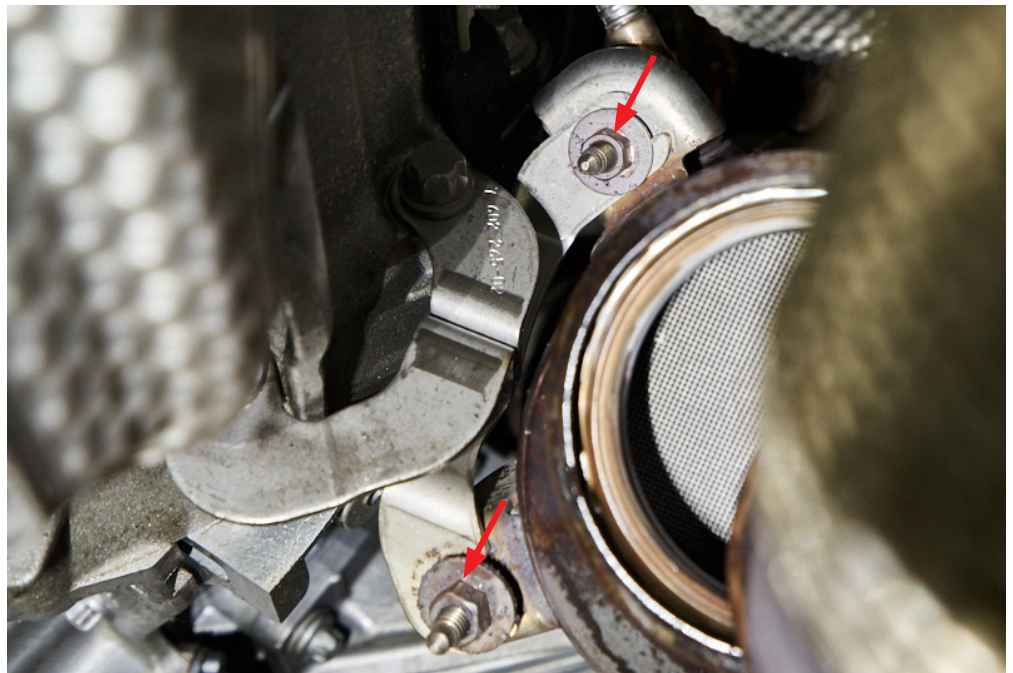


STEP 9

Undo the bottom vclamp on the stock downpipe.

**STEP 10**

Remove the two bolts on the stock downpipe mounting brackets.



STEP 11

Remove the stock
downpipe

**STEP 12**

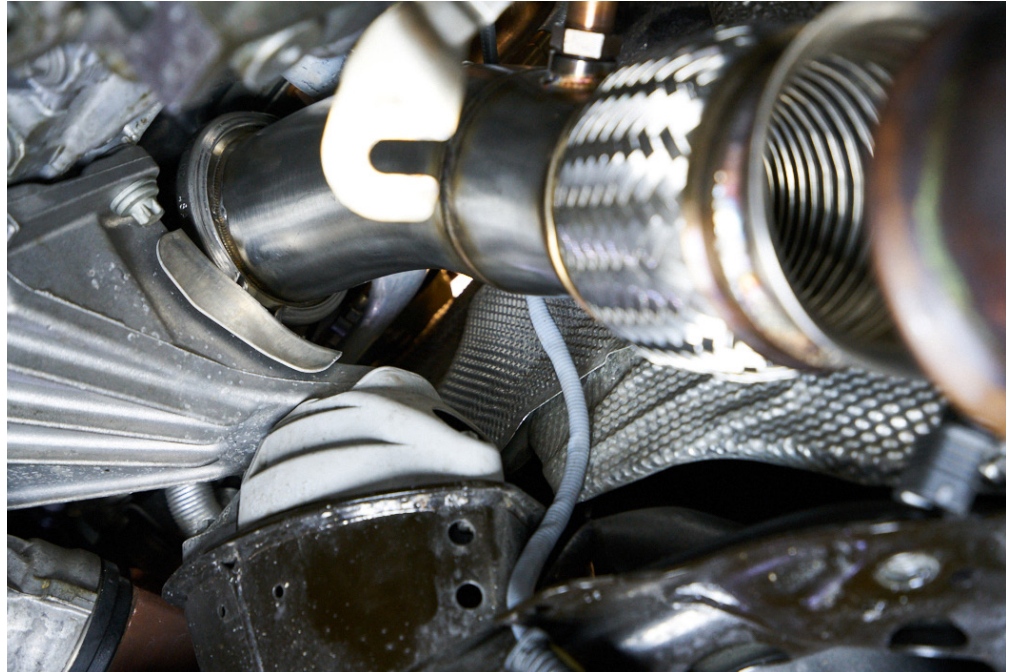
Transfer the O2
sensors from the
stock downpipe to
the CTS downpipe
making note of the
correct positions.



STEP 13

Install the new downpipe, fitting the vband loosely.

We recommend replacing the vband clamps at this time.

**STEP 14**

Connect the catback to the lower flange on the downpipe and adjust to ensure the flanges seat flush. Tighten both vband clamps.

Follow steps 6 through 1 to complete your installation.

You are done!

