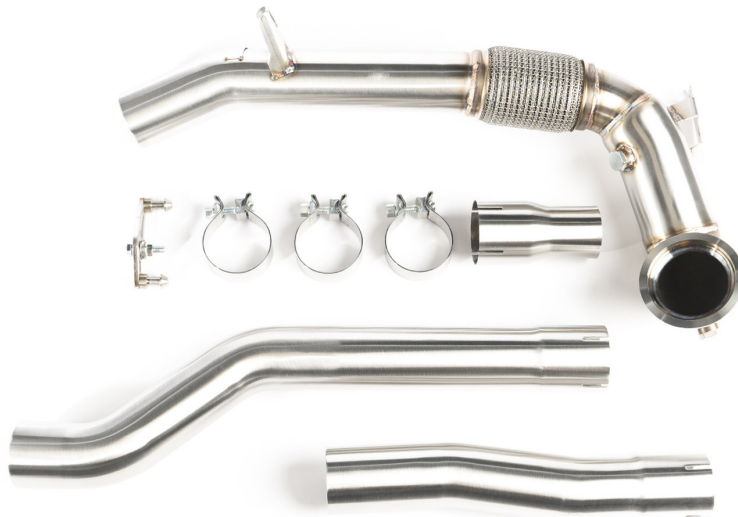




## INSTALLATION GUIDE

MK8 GOLF R DOWNPIPE INSTALL  
CTS-EXH-DP-0056



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

[www.CTSTURBO.com](http://www.CTSTURBO.com)

## WHAT IS INCLUDED

1. CTS Downpipe
2. Clamps
3. Hanger bracket

## NOTES

Vehicle used in this guide is a 2022 GOLF R Holder. Other cars will follow the same steps.

Always make sure the car is safe to work on. Do not work on a hot motor.

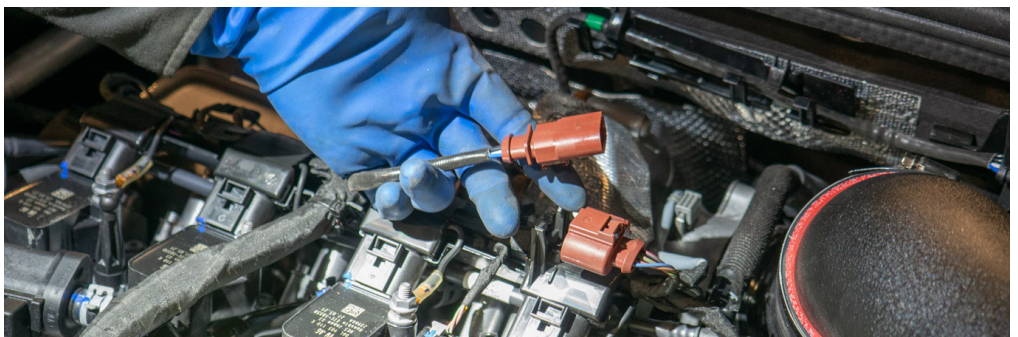
## STEP 1

Remove the engine cover



## STEP 2

Disconnect the electrical connector for the upper O2 sensor



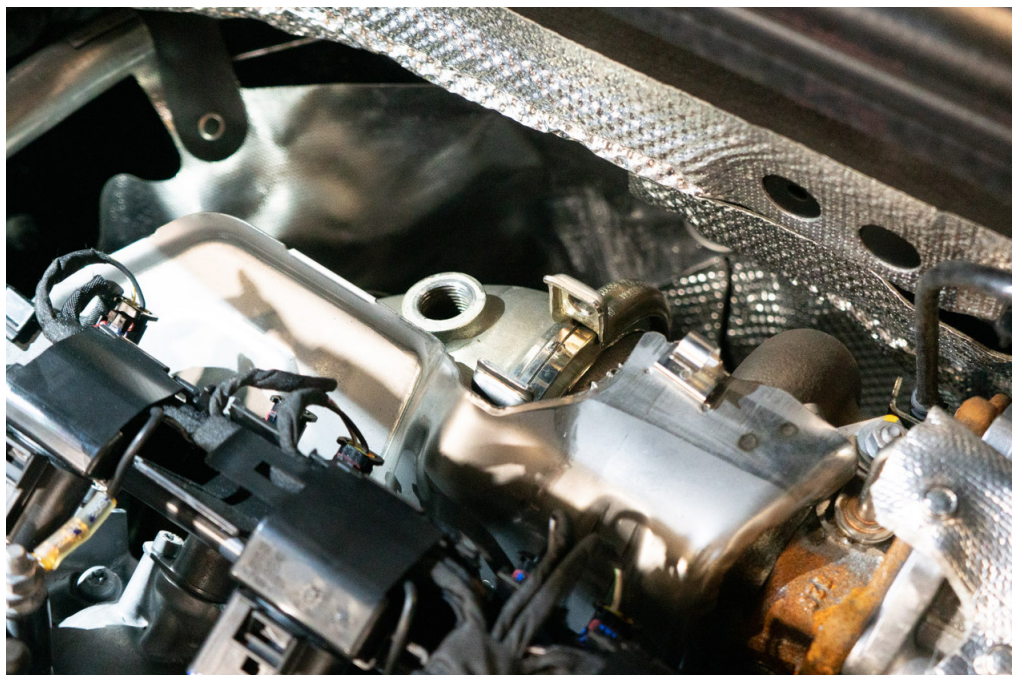


**STEP 3**

Remove upper O2 sensor

**STEP 4**

Remove V-band clamp





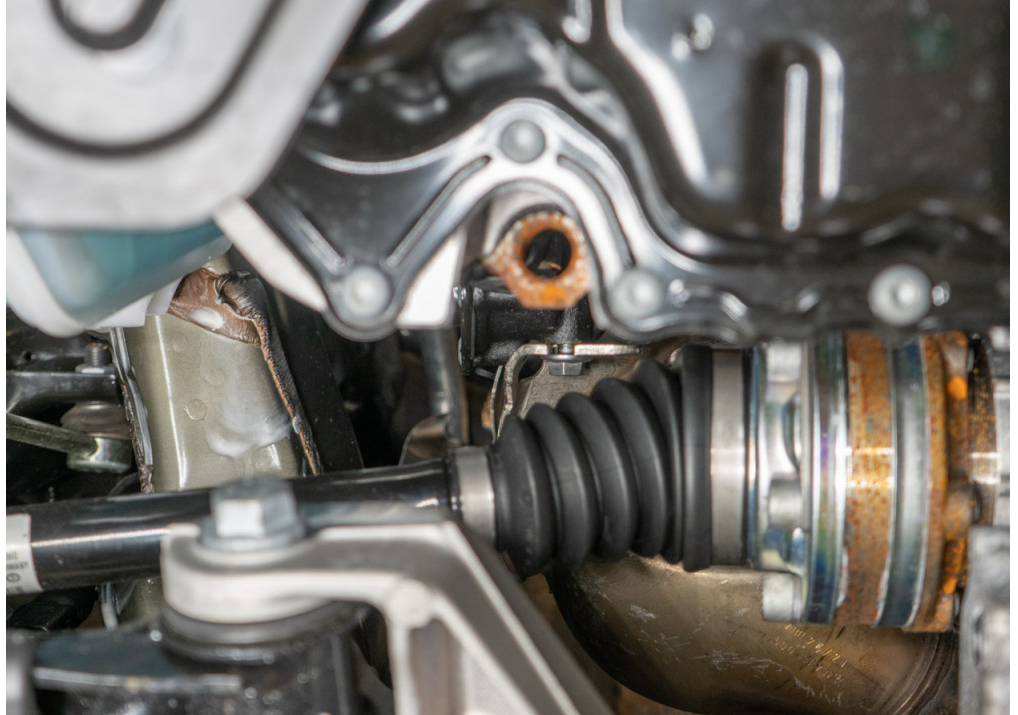
**STEP 5**

Remove heat shield that covers the axle



**STEP 6**

Remove the bolt securing the OEM downpipe





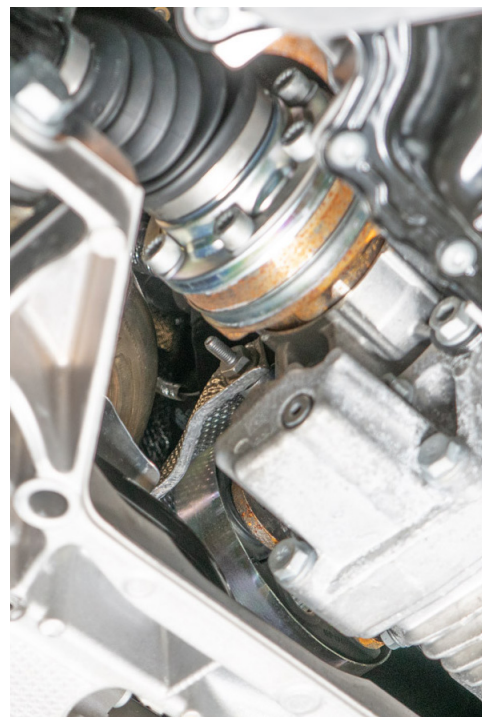
## STEP 7

Remove the lower O2 sensor



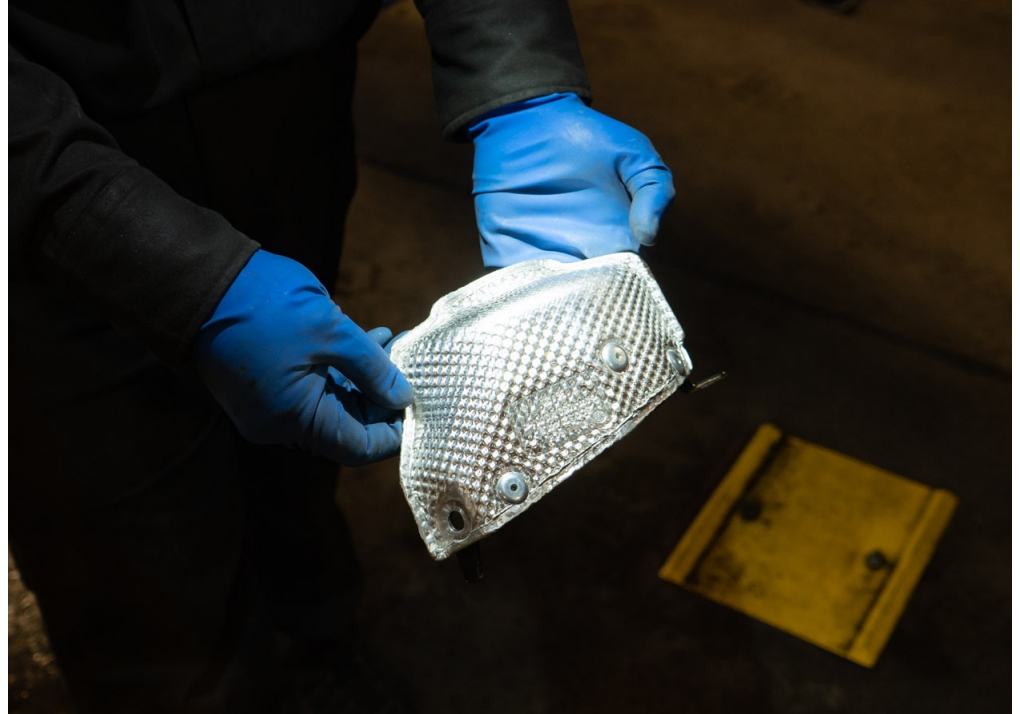
## STEP 8

There is a heat shield by the drive shaft you need to remove. The first is a triple square in front, and a hex nut on the side near the front axle



**STEP 10**

Remove heat shield



**STEP 11**

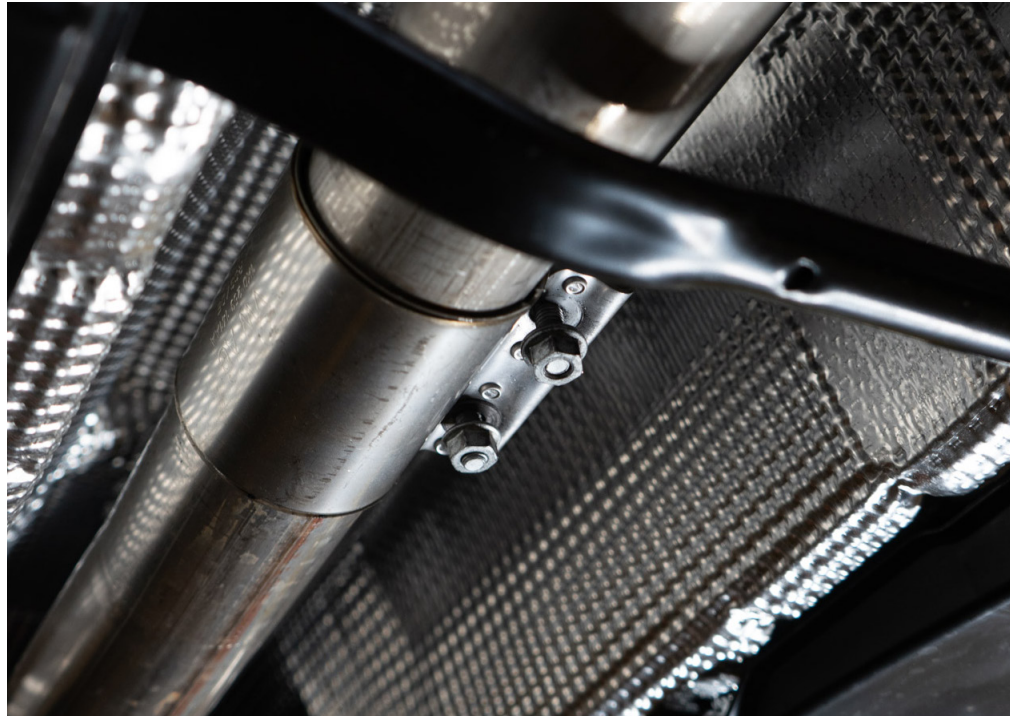
Remove downpipe hanger bolts





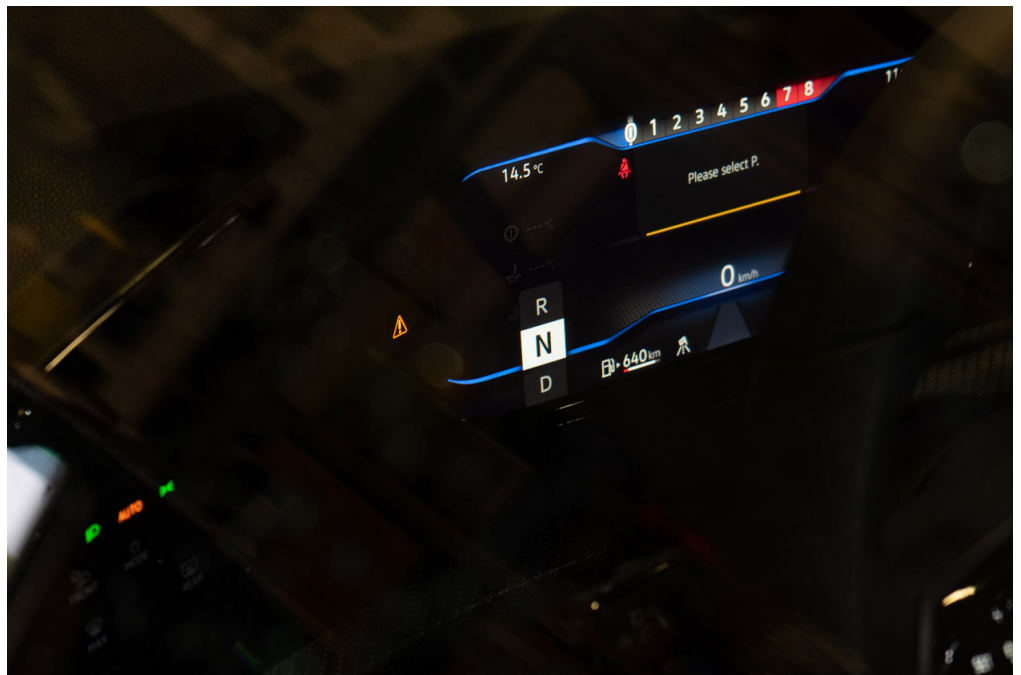
## STEP 12

Loosen the sleeve clamp at the rear of the downpipe



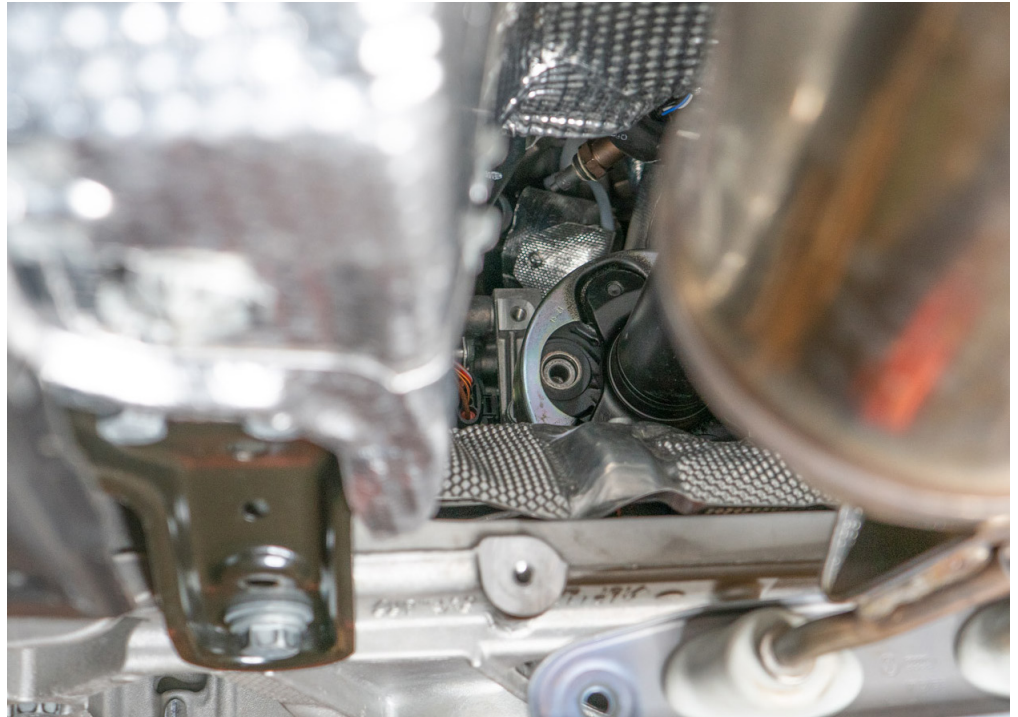
## STEP 13

**\*\*\*YOU NEED TO MAKE SURE THE CAR IS IN NEUTRAL AND THE HANDBRAKE IS OFF**

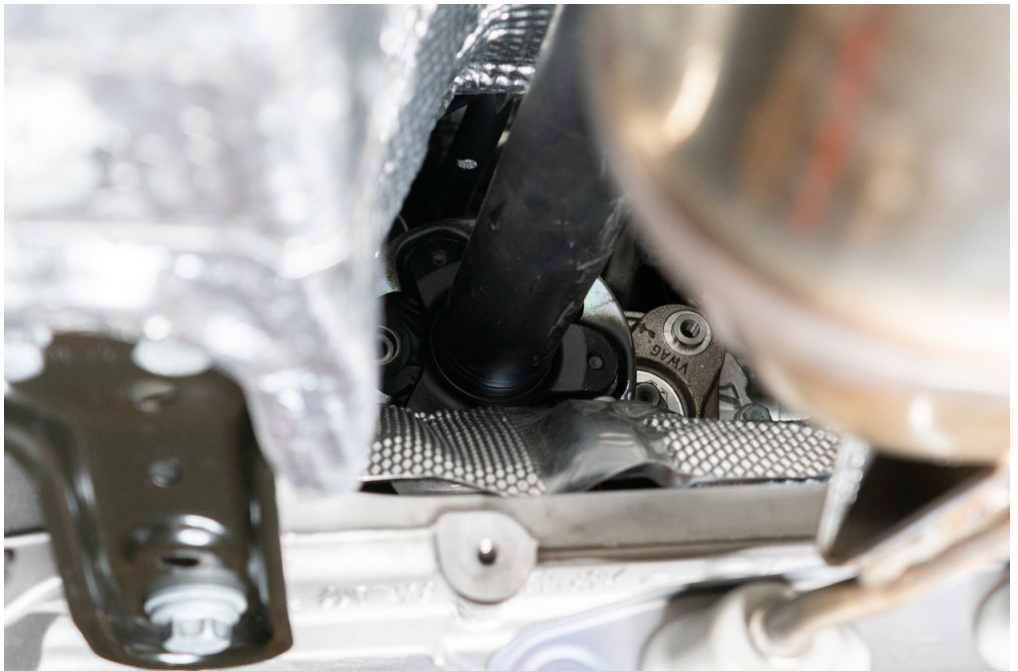


**STEP 14**

Remove the drive shaft bolts

**STEP 15**

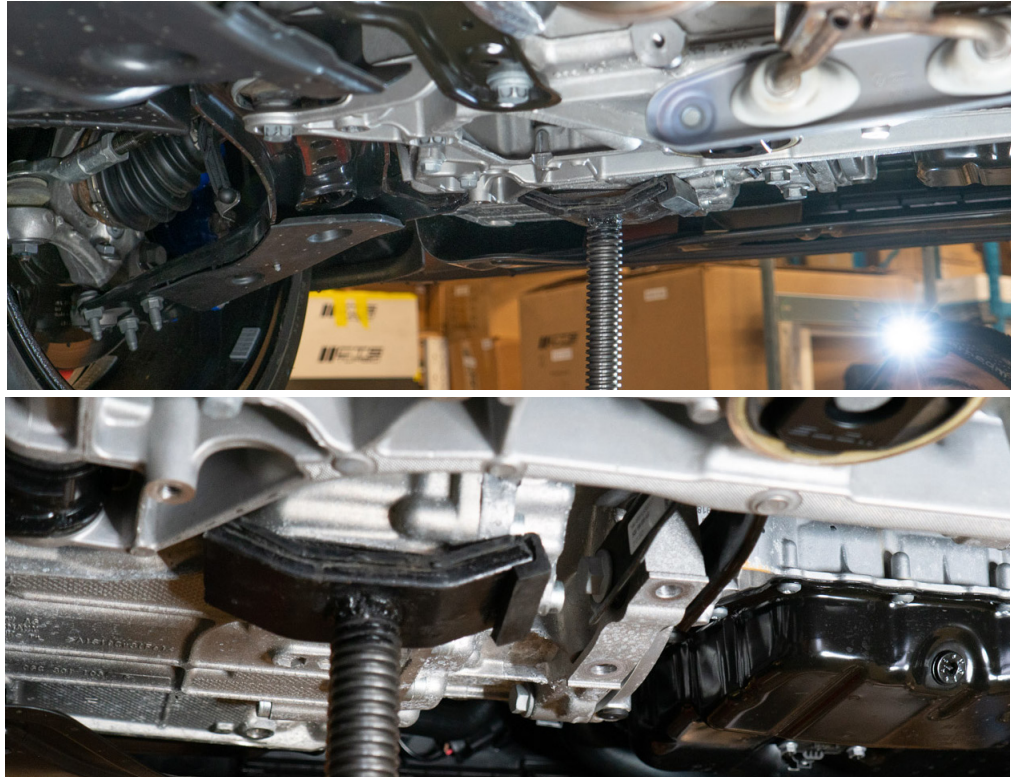
You need to pry the engine forward to disconnect the drive shaft



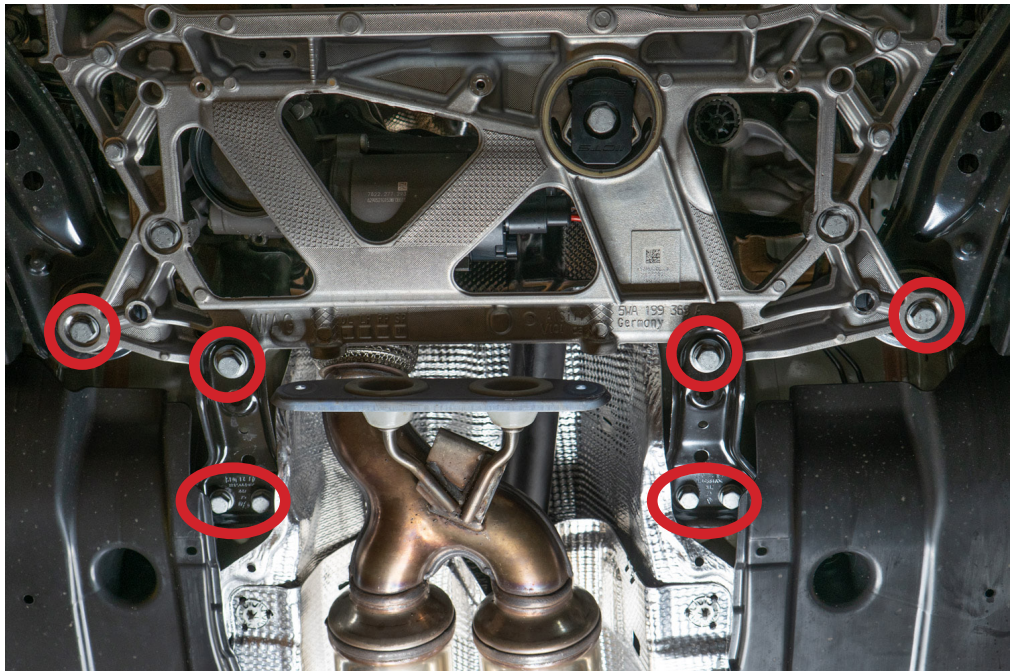


**STEP 16**

Support the engine. Remove the dogbone bolts.

**STEP 17**

Remove engine support. Remove the sub-frame bolts indicated.



## STEP 17 CONTINUED

Remove the upper sub-frame  
bolts on both sides



## STEP 18

Remove OEM downpipe





## STEP 19

Remove the bolts where O2 sensors will go be installed



## STEP 20

Transfer the exhaust hanger to the CTS downpipe. (It is tough to get it off the OEM downpipe)



## STEP 21

Install CTS downpipe and or CAT.

Check on the top side to ensure the CTS downpipe is in the correct position. Use the V-band clamp to loosely secure for now.

**\*\*\*REINSTALL THE SUB-FRAME AND DOG BONE BOLTS.**



## STEP 22

Install hanger bolts.

**\*\*\*DO NOT TIGHTEN THE SLOTTED BOLT YET**





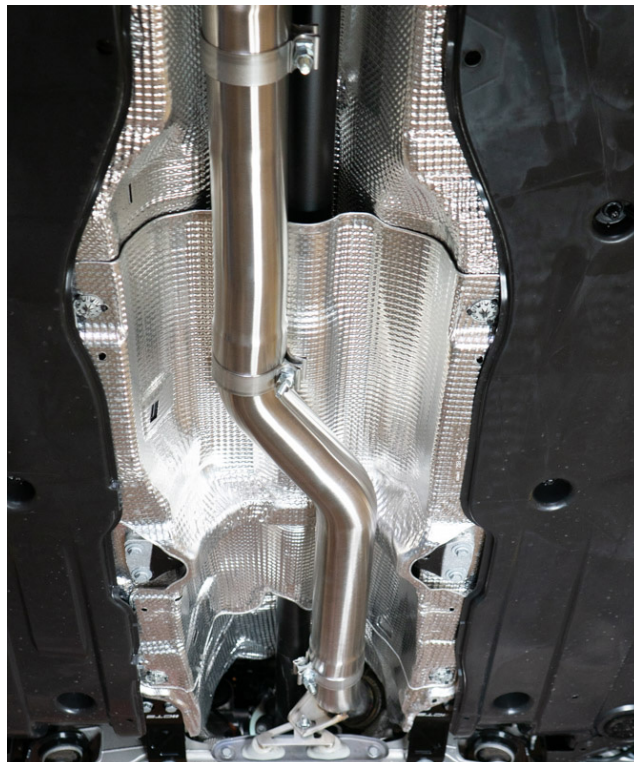
## STEP 23

Install both O2 sensors.  
You can tighten the v-band clamp  
down now.



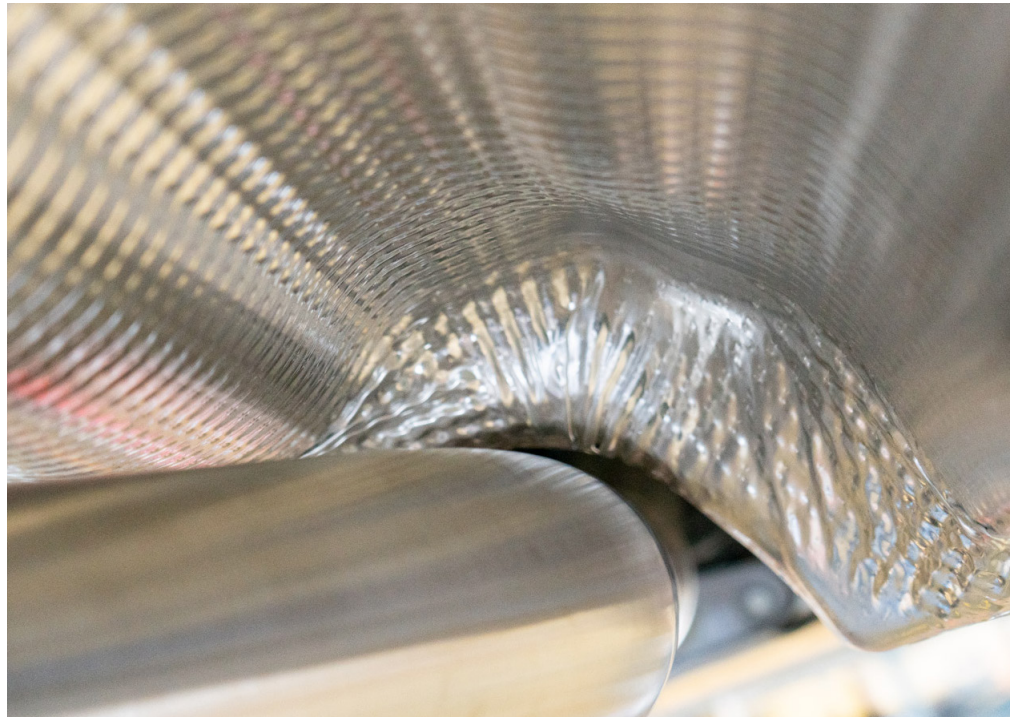
## STEP 24

Install the provided CTS pipes.



## STEP 25

Ensure there is sufficient gap to the heat shielding.



## STEP 26

You can now tighten the slotted bolt.





## STEP 27

Check or clamps and connections  
and you are done!

