



INSTALLATION GUIDE

**CTS Turbo MK6 TSI. 2.0T Downpipe
CTS-EXH-DP-0001**



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

www.CTSTURBO.com

WHAT IS INCLUDED

1. Rear downpipe extension
2. Centerpipe extension
3. Downpipe
4. Exhaust Clamps
5. Silicon Vacuum Hose
6. Gasket and nuts

**TOOLS REQUIRED**

1. T-25, T-30 Torx
2. 10mm, 13mm, 15mm, 16mm, 18mm, 19mm Socket
3. M8 Triple Square
4. Exhaust Hangar removal pliers
5. O2 Sensor Wrench
6. Locking hose clamp pliers.

NOTES

Vehicle used in this guide is a 2014 VW GTI. 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 unplugging the MAF sensor from the stock intake tube.

**STEP 2**

Remove the airbox bracket behind the airbox using a T-25



STEP 3

Remove the front air dam cover

**STEP 4**

Use a pipe clamp removal tool to release the OEM plastic intake pipe from the MAF housing.



STEP 5

Remove the airbox from the engine bay.

**STEP 6**

On the rear pipe, unbolt the stock mounting location.



STEP 7

Use the pipe clamp removal tool to loosen the upper clamp on the turbo inlet.

Unclip the rear breather tube and remove the rear intake pipe.

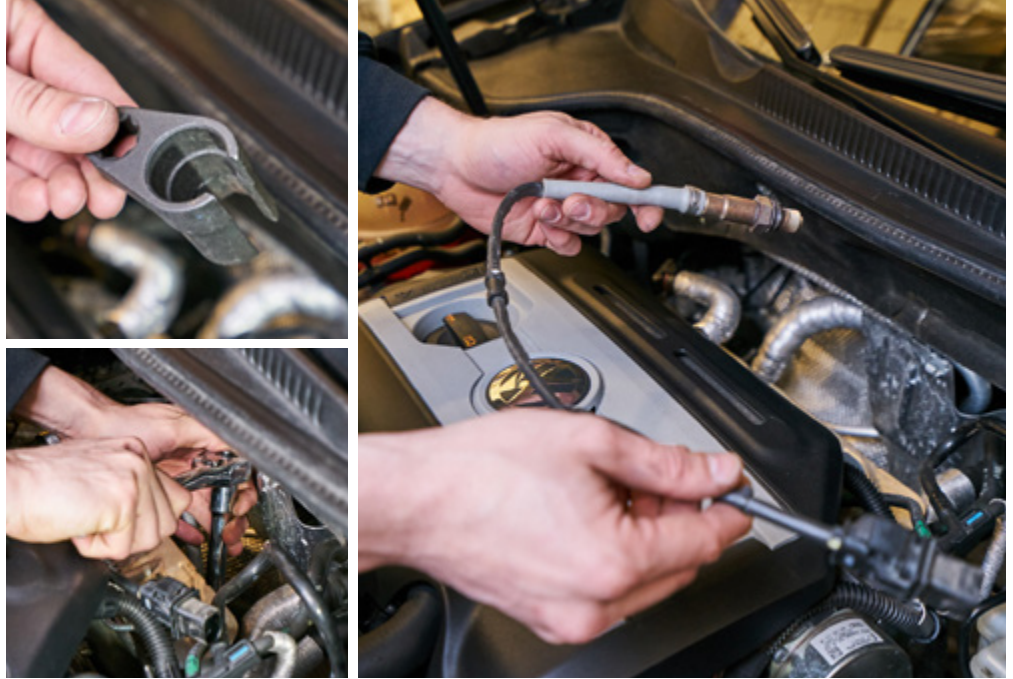
**STEP 8**

Unplug the front O2 sensor and unclip the wiring from the side wall.



STEP 9

Remove the front oxygen sensor using an Oxygen sensor wrench.

**STEP 10**

Remove the top two nuts on the turbo outlet flange.

Tech tip: spray the nuts with penetrating oil and allow it to soak in before attempting removal.

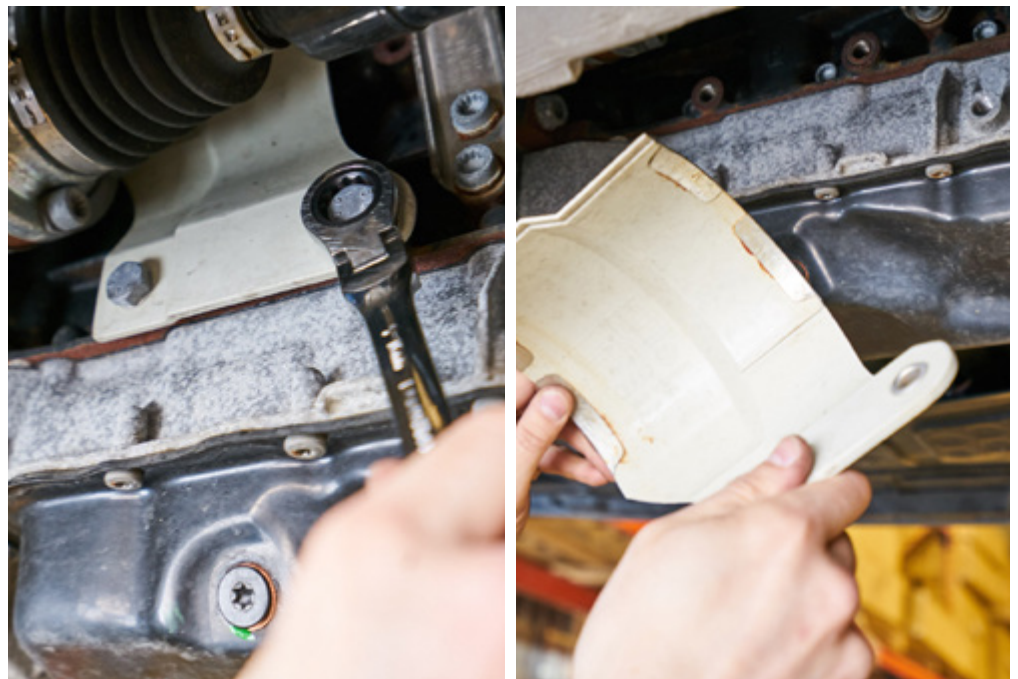


STEP 11

Spray the rear O2 sensor connection with penetrating oil and remove the sensor using the O2 Sensor Wrench.

**STEP 12**

Remove the CV axle shield with a 17mm socket

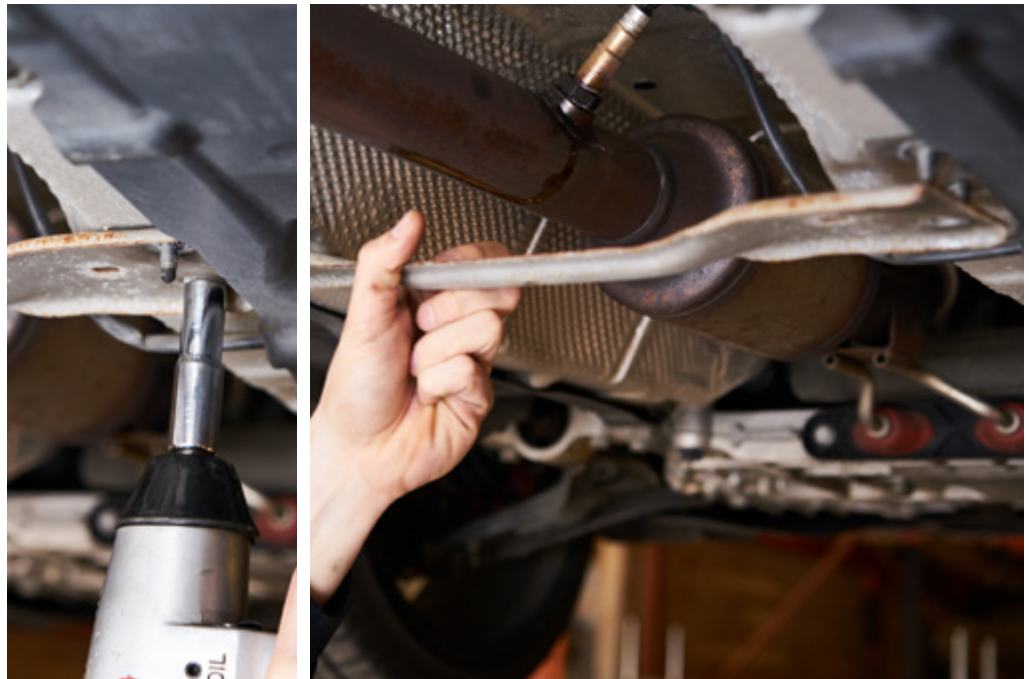


STEP 13

Loosen and remove the two lower nuts on the turbo outlet flange,

**STEP 14**

Remove the front chassis brace using a 13mm socket .



STEP 15

Remove the rear chassis brace using a 13mm socket .

**STEP 16**

Install the silicon coupler onto the throttle body with a hose clamp.



STEP 17

Using a 13mm socket, loosen and slide down the

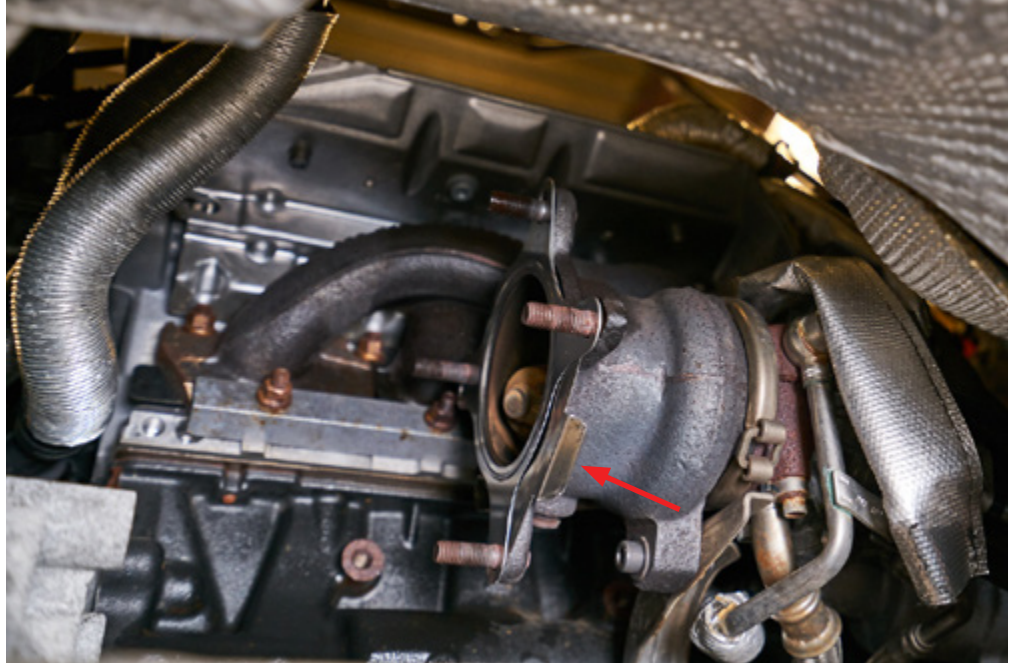
**STEP 18**

Remove the downpipe by sliding the stock downpipe off the studs and twisting it counter-clockwise to



STEP 19

Slide on the new gasket provided onto the turbo outlet flange aligning the tab on the bottom facing the turbo housing.

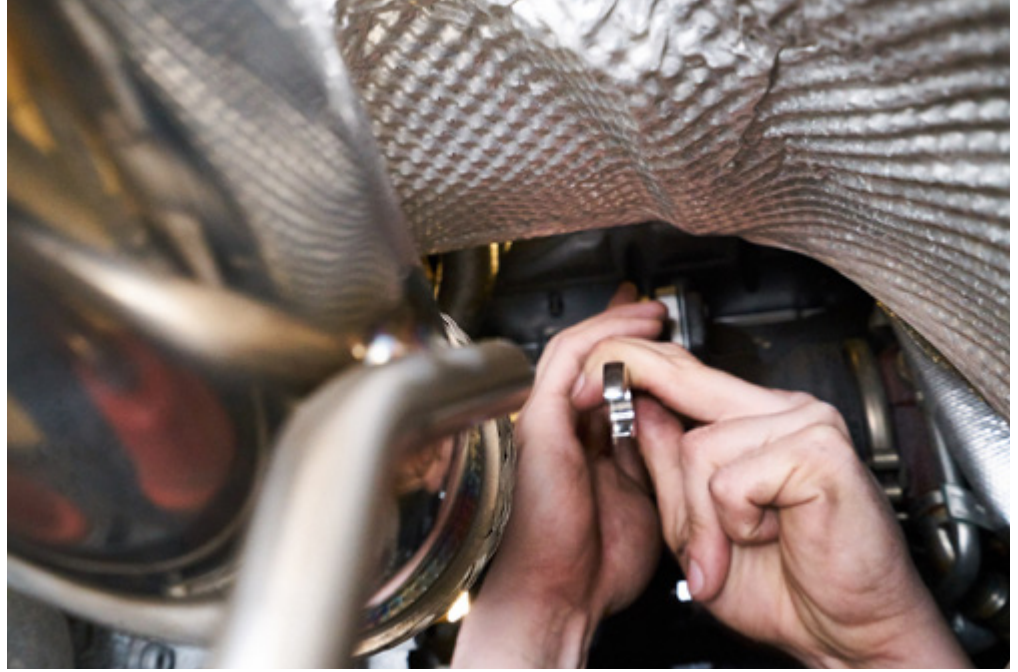
**STEP 20**

Slide the mounting bracket onto the CTS downpipe and install the two mounting bolts. Torque them to 18.4 ftlbs.



STEP 21

install the new nuts
onto the turbo outlet
studs and torque to
29.5ftlbs.

**STEP 22**

Slide the provided
exhaust clamp onto
the centerpipe with
the head facing
down.



STEP 23

Install the O2 sensor into the rear bung.
and tighten with the
O2 wrench

**STEP 24**

Tighten both clamps
on the centre pipe.



STEP 25

Reinstall the cross braces and the CV shield.

Follow in reverse order Steps 10 to 1 to reinstall the O2 sensor, Maf Sensor, and air intake.

**STEP 24**

You are done.

