



## INSTALLATION GUIDE

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

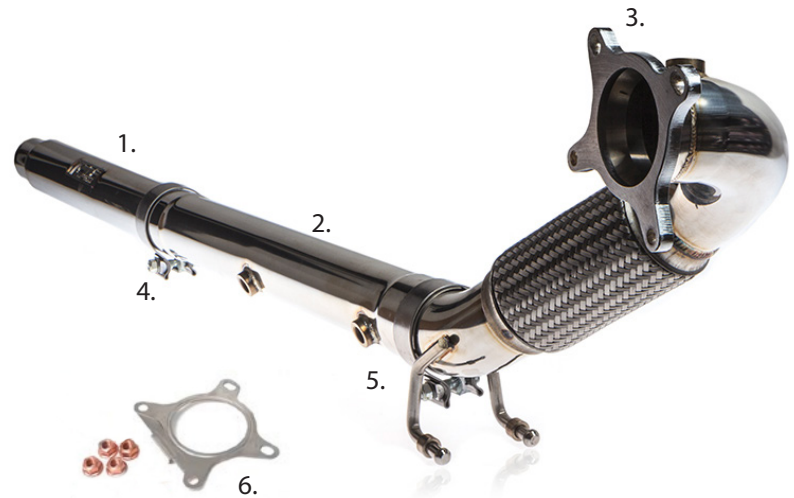


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Langley, British Columbia V2Y 2V9

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

## WHAT IS INCLUDED

1. Rear downpipe extension
2. Centerpipe extension
3. Downpipe
4. Exhaust Clamps
5. Silicon Vacuum Hose
6. Installation kit (optional)



## 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.



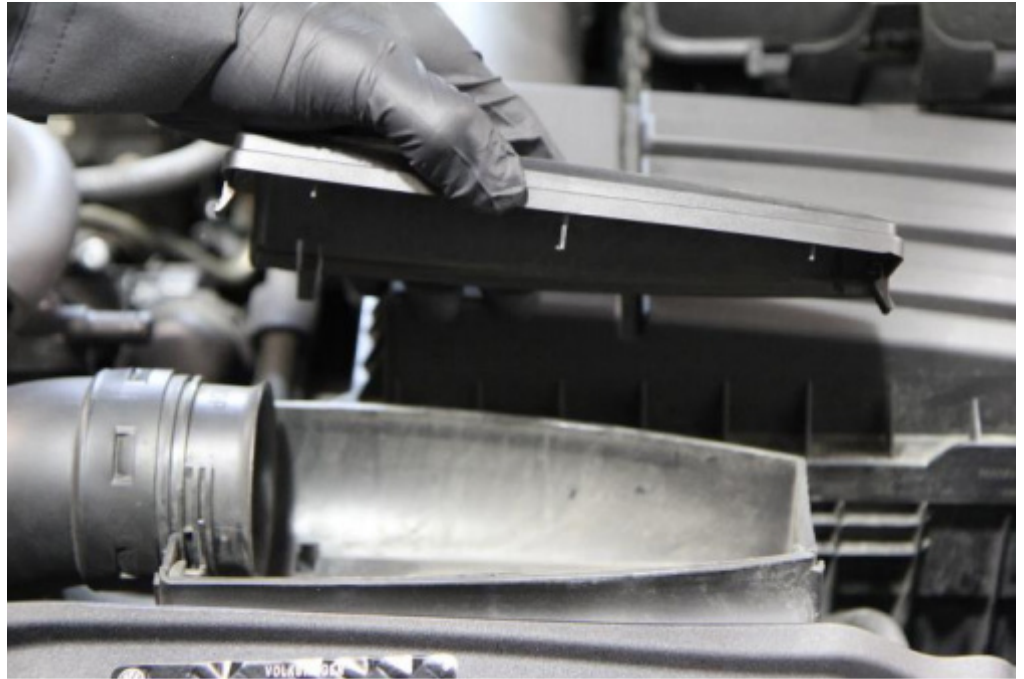
## STEP 2

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.



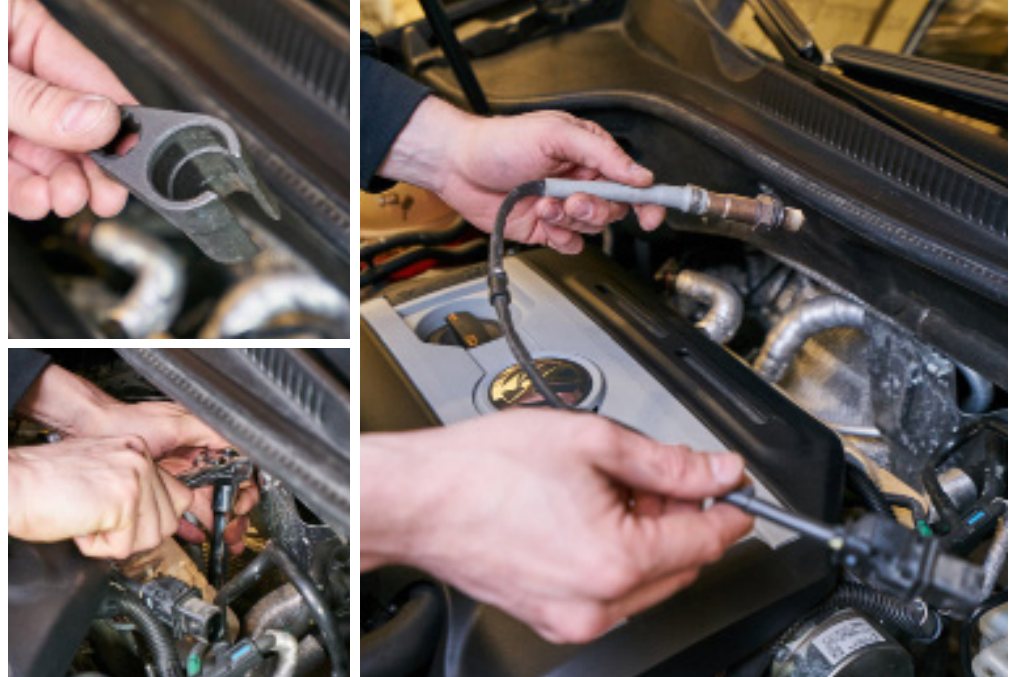
## STEP 8

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.



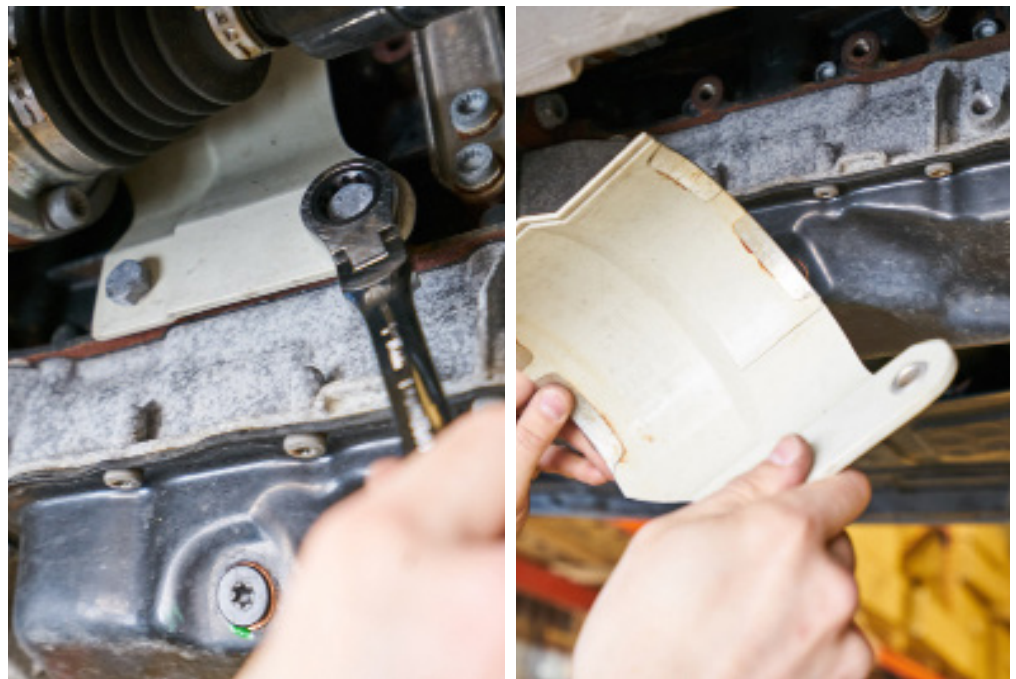
## STEP 11

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





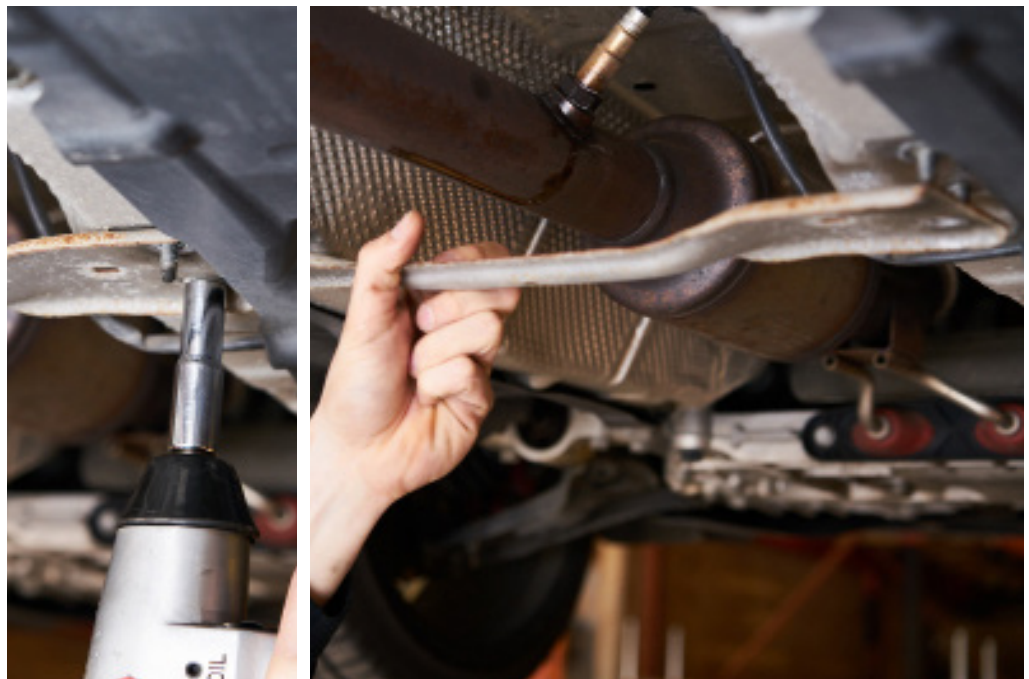
## STEP 13

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



## STEP 14

Remove the front chasis brace using a 13mm socket .



**STEP 15**

Remove the rear chasis 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.

