

# CTS TURBO

## INSTALLATION GUIDE

CTS Turbo MK6 EA113/EA888.1 Golf R/GTI FMIC Kit  
CTS-20T-G6-FMIC



## WHAT IS INCLUDED

1. Intercooler
2. Silicones
3. Brackets and Hardware



## NOTES

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

## STEP 1

You need access to the wheels wells to remove the wheel liner.

Remove the screws securing the bumper



## STEP 2

Firmly pull to release the bumper from the clips.



### STEP 3

Remove the front grill.



### STEP 4

Remove the torx bolt indicated on both sides.



## STEP 5

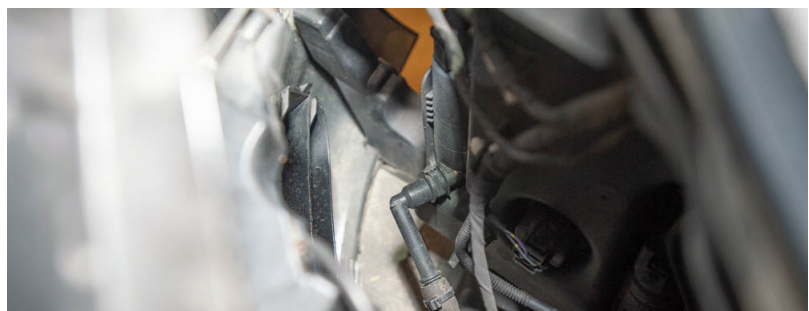
Remove the under-tray.



## STEP 6

You can now slowly remove the bumper.

Disconnected any electrical connections and lines before fully removing.



## STEP 7

Bumper removed.



## STEP 8

Remove the plastic air guides from the each side of the intercooler.

These will not be reused.



**STEP 9**

Remove the stock silicone hoses.

**STEP 10**

Release the horns from the brackets.



**STEP 11**

Remove the lower crash-bar bolts.

**STEP 12**

Remove the air temperature sensor.



## STEP 13

Install the CTS intercooler brackets

Reinstall with the OEM crash bar bolts.



## STEP 14

Mount the intercooler and install with the provided bolts.



## STEP 15

Transfer the oring from the stock outlet pipe to the billet adapter.



## STEP 16

Install the billet adapter on to the turbo outlet pipe.

Depending on your vehicle you may have one of the 2 versions shown.



## STEP 17

Install the right side horn and silicone as show.



## STEP 18

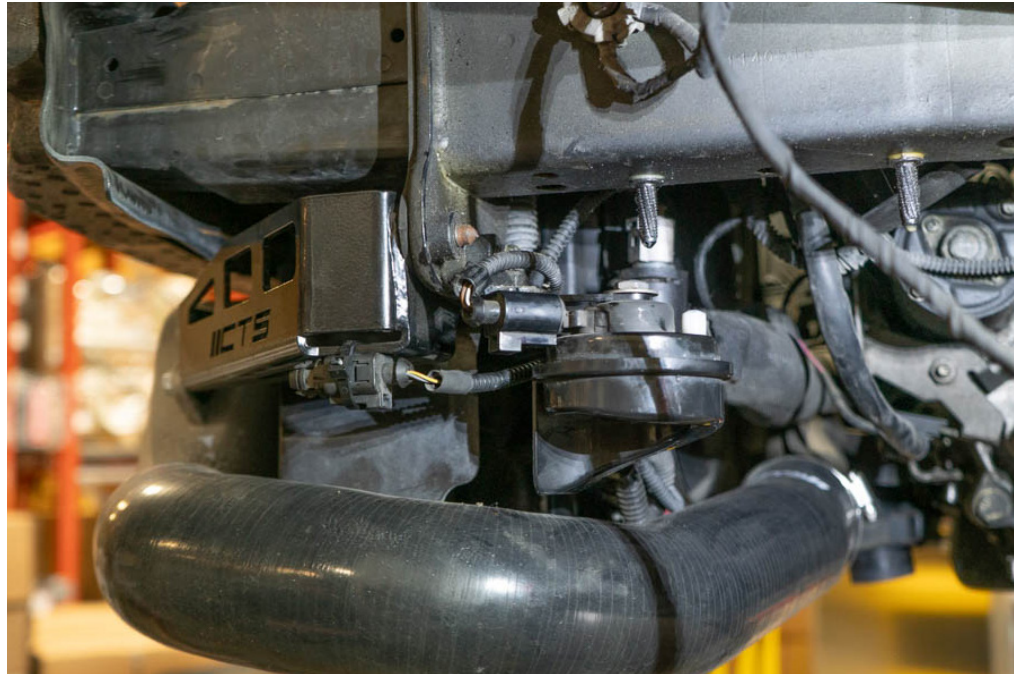
For the left side if the vehicle install the provided bracket for the horn.

Attach the air temp sensor as shown.

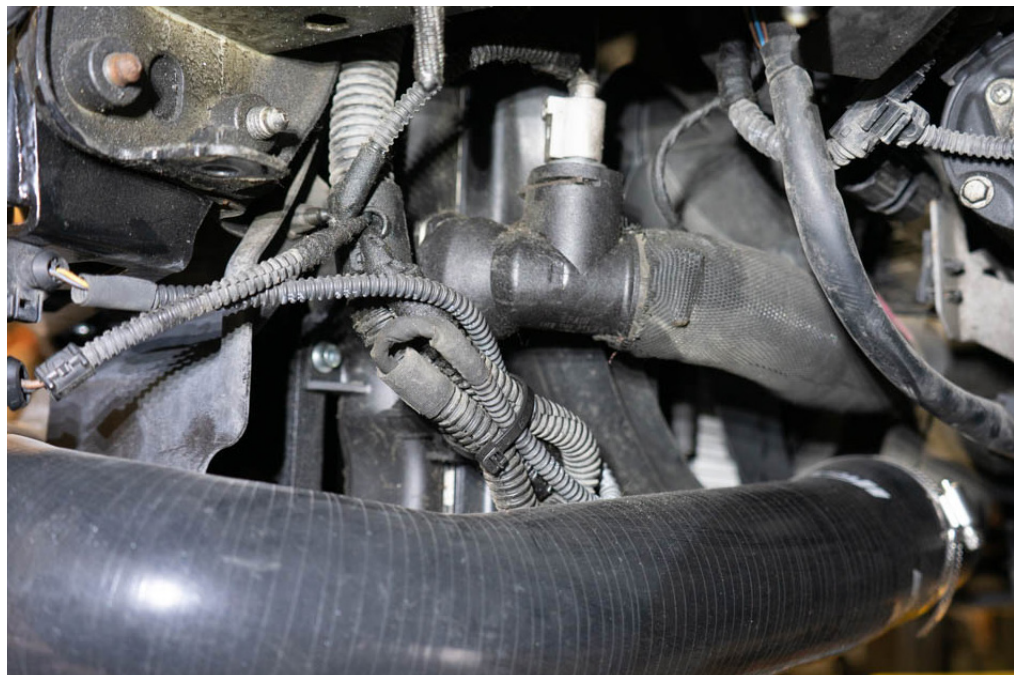


**STEP 19**

Install the silicone hose and horn.

**STEP 20**

With the provided zip ties, bundle the wires as shown.



## STEP 21

We suggest using the caps from the CTS intercooler to cap off the OEM intercooler.



## STEP 22

Reinstall the bumper back from STEP 6.

When reinstalling the under tray there will be 2 screws that will not go back in as indicated on the image.

That's it you're done with lower IAT's on the way.

