

CTS TURBO

INSTALLATION GUIDE

CTS TURBO BMW F20/F30 230/330/430 INTAKE
CTS-IT-347



WHAT IS INCLUDED

1. INTAKE KIT



NOTES

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

STEP 1

Remove the front intake cover.

**STEP 2**

Disconnect the MAF sensor.



STEP 3

Loosen the lower clamp on the accordion silicone and remove from the turbo inlet pipe.



STEP 4

You can now lift and remove the OEM airbox.



STEP 5

Remove the plastic OEM mounting post. It rotates off and you will see a threaded stud once removed.



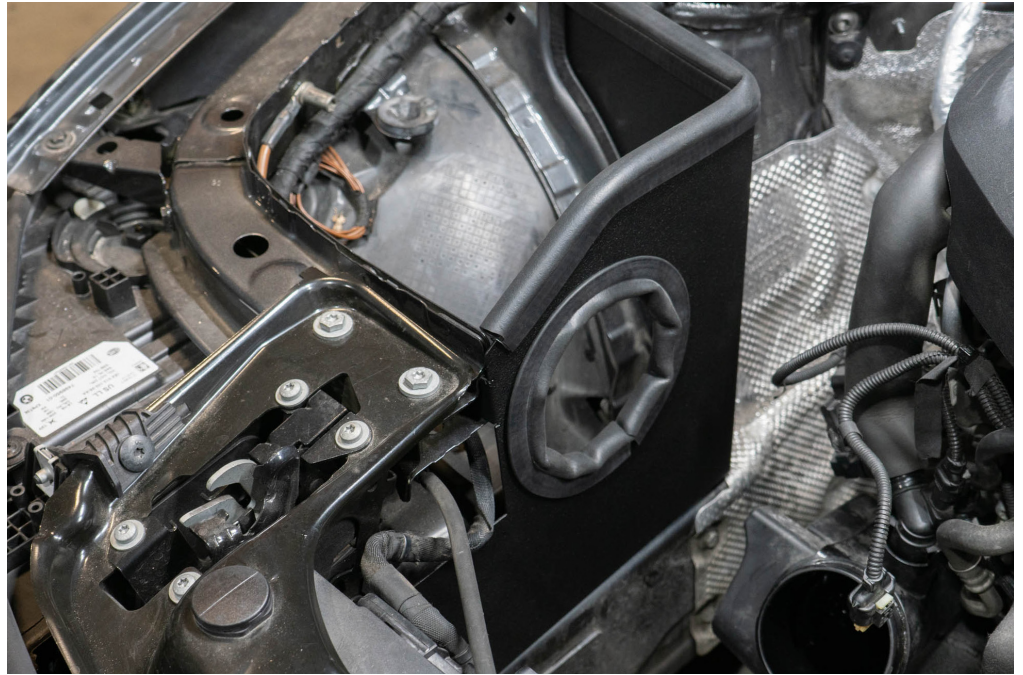
STEP 6

Install the provided weather stripping as show on the CTS heat shield.



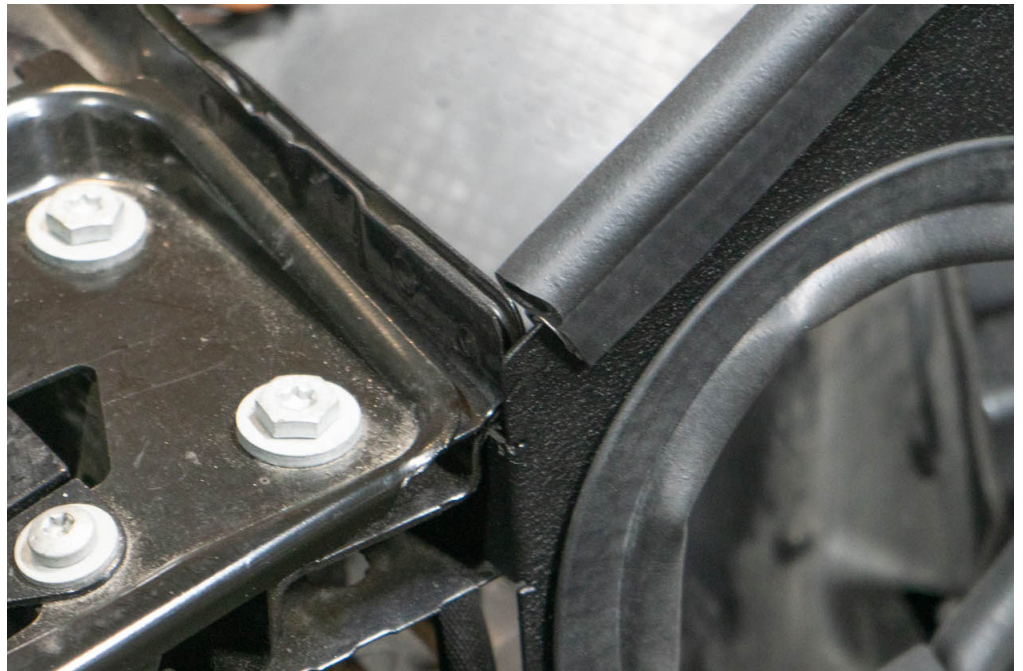
STEP 7

Install the heat shield.

**STEP 8**

Ensure the heat tab has slid into the frame as shown.

Secure the front with the provided, washer bolt and nut.



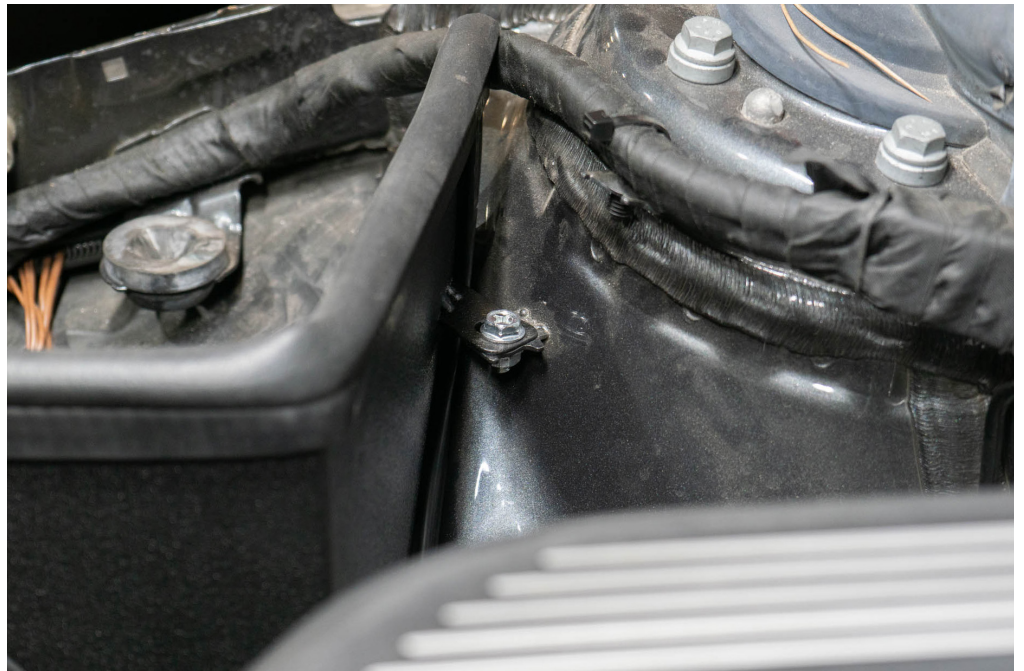
STEP 9

Secure the heat shield with the provided nut on the OEM threaded post we exposed earlier.



STEP 10

Secure the rear mounting point with the provided bolt and nut.



STEP 11

Install the MAF sensor on to the CTS intake pipe. The MAF can only go one way.



STEP 12

Install the provided silicone on the turbo inlet.



STEP 13

Install the intake pipe and secure with the provided clamps.

You can connect the MAF electrical connector at this time.



STEP 14

Install the velocity stack air filter.



STEP 15

Check all connections and clamps.



STEP 16

Reinstall the intake cover and you are done!

