



INSTALLATION GUIDE

CTS Turbo BMW N20/26 INTAKE



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

www.CTSTURBO.com

WHAT IS INCLUDED

1. CTS intake pipes
2. CTS air filter
3. CTS heat shield
4. Hardware

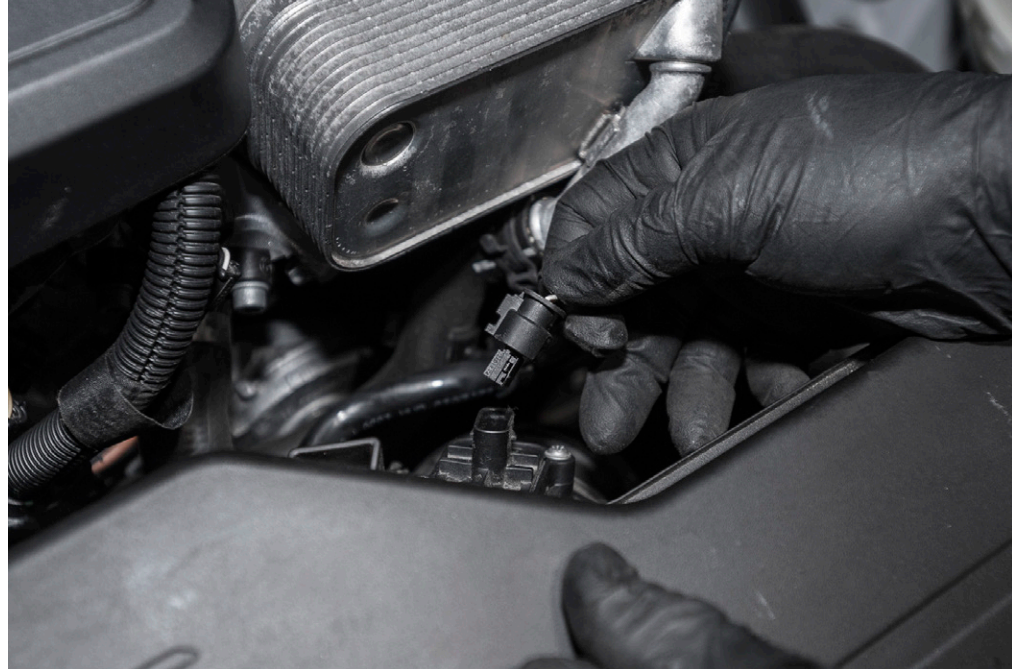


NOTES

Vehicle used in this guide is a 2016 BMW 228i. 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

Disconnect the MAF electrical connector.

**STEP 2**

Loosen the hose clamp and separate the intake resonator from the MAF housing.



STEP 3

You may now lift and remove the stock air box.

**STEP 4**

Loosen the hose clamp holding the intake resonator to the turbo inlet and remove.



STEP 5

On the right hand side of the car you will see a mounting bracket with a grommet that needs to be removed.

**STEP 6**

Remove the grommet from the stock air box.



STEP 7

Relocate the MAF sensor from the stock housing to the CTS MAF pipe.



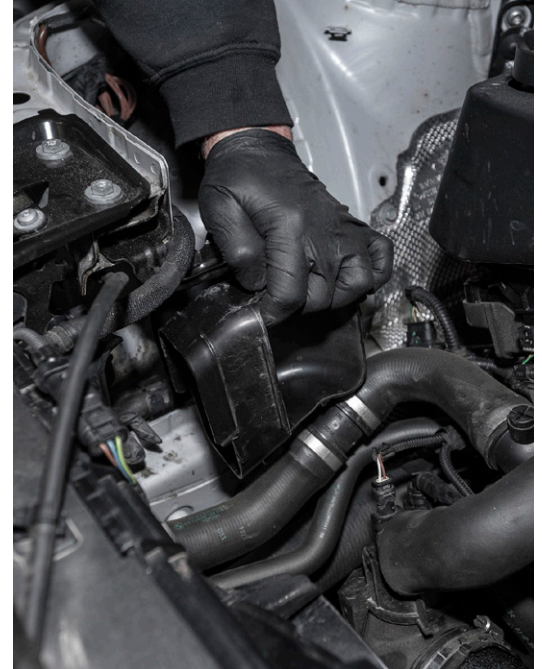
STEP 8

Install the lower CTS pipe to the turbo inlet.



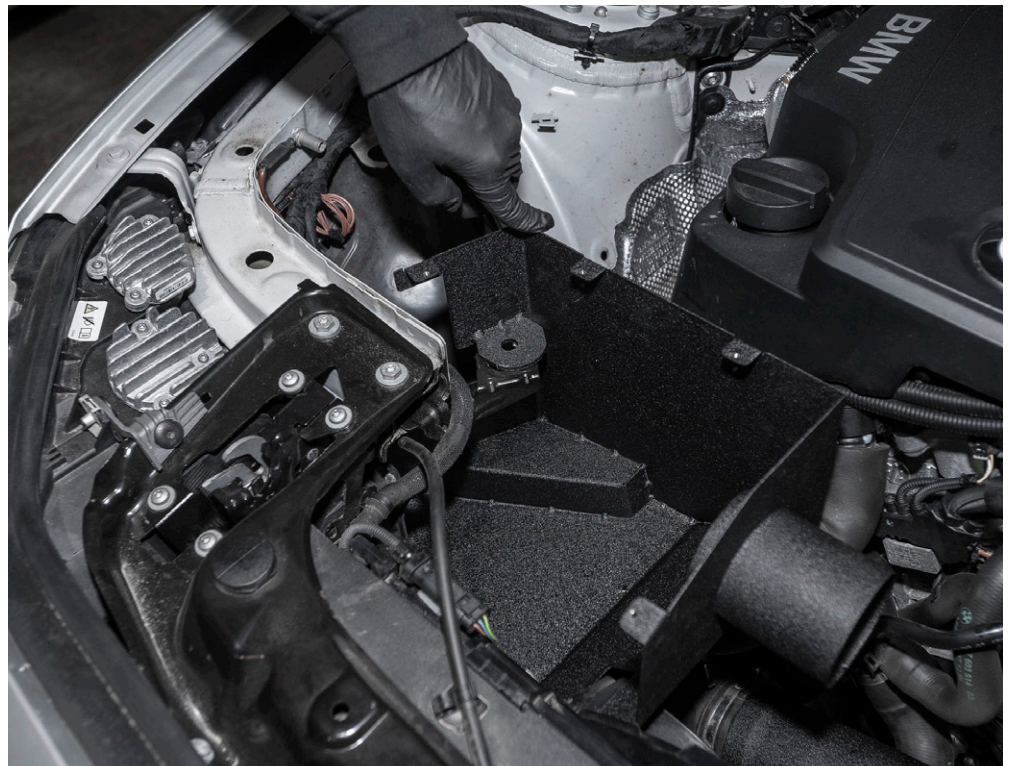
STEP 9

Remove the stock air duct.



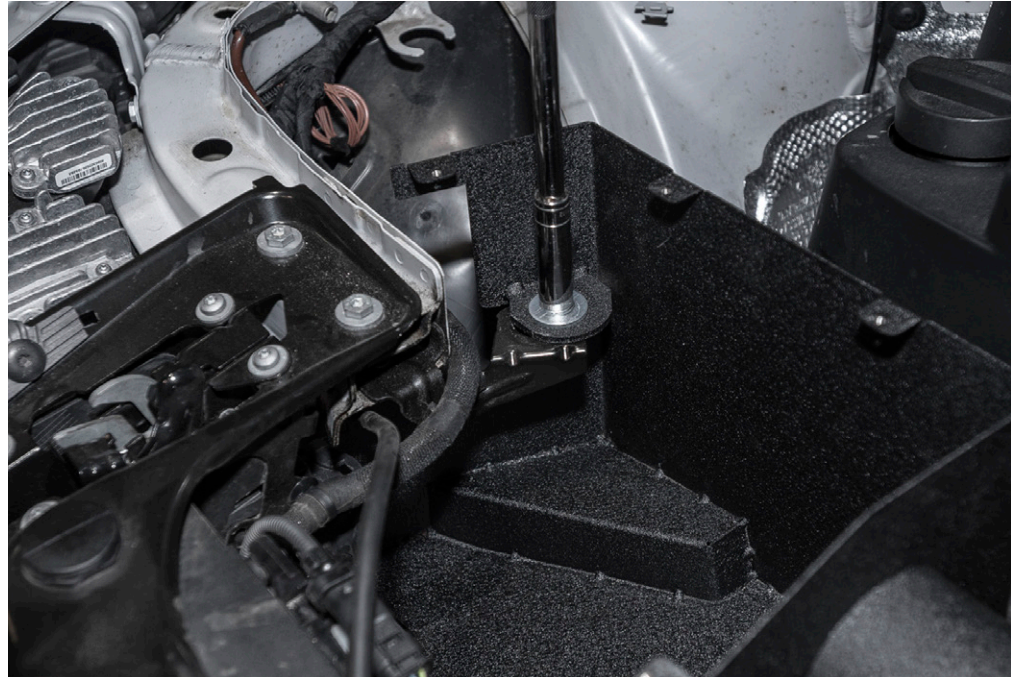
STEP 10

Install the CTS heat shield.



STEP 11

Secure the heat shield to the mounting bracket using the provided washers, bolt and nut.

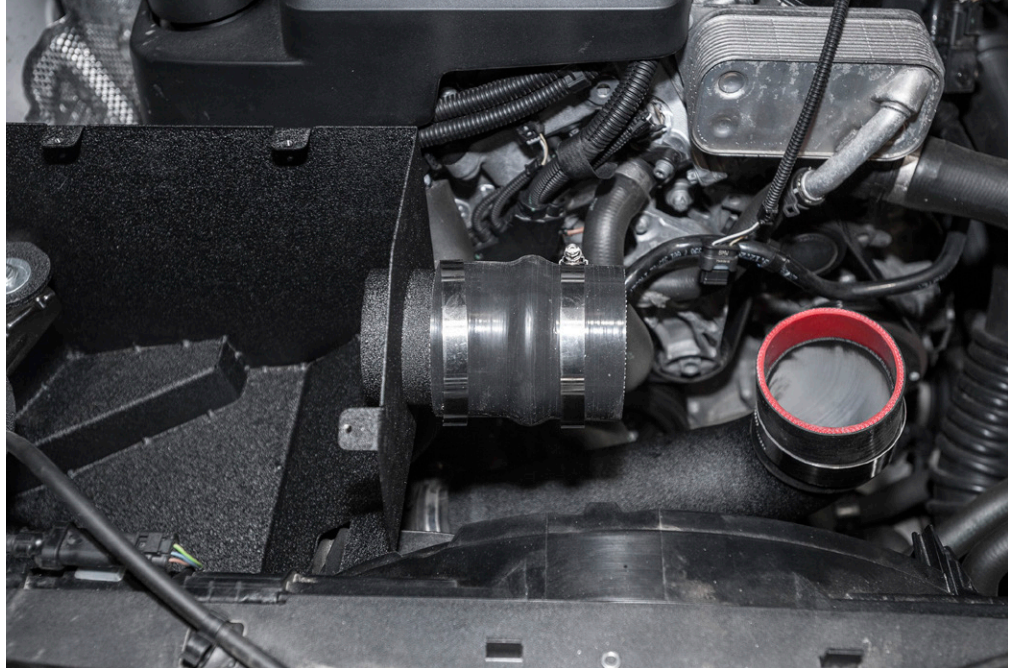
**STEP 12**

Install the silicone coupler and two hose clamps.



STEP 13

Install the hump hose and two clamps on the heat shield.



STEP 14

Install the CTS MAF pipe



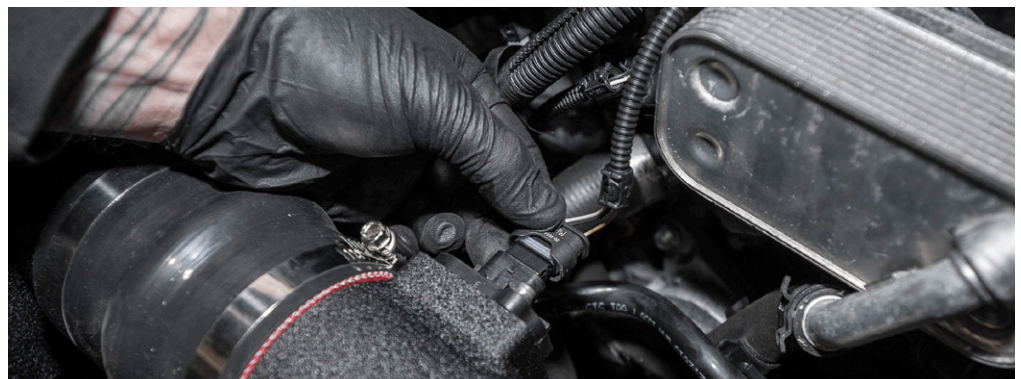
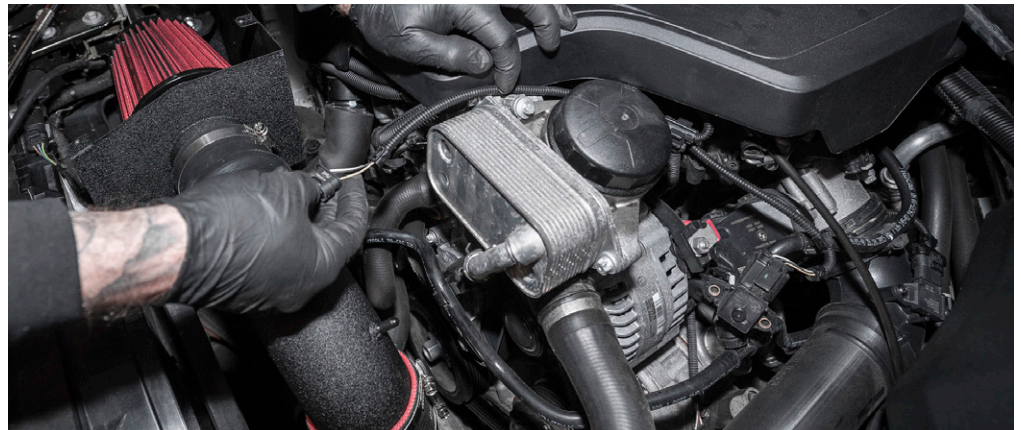
STEP 15

Secure and tighten the hose clamps



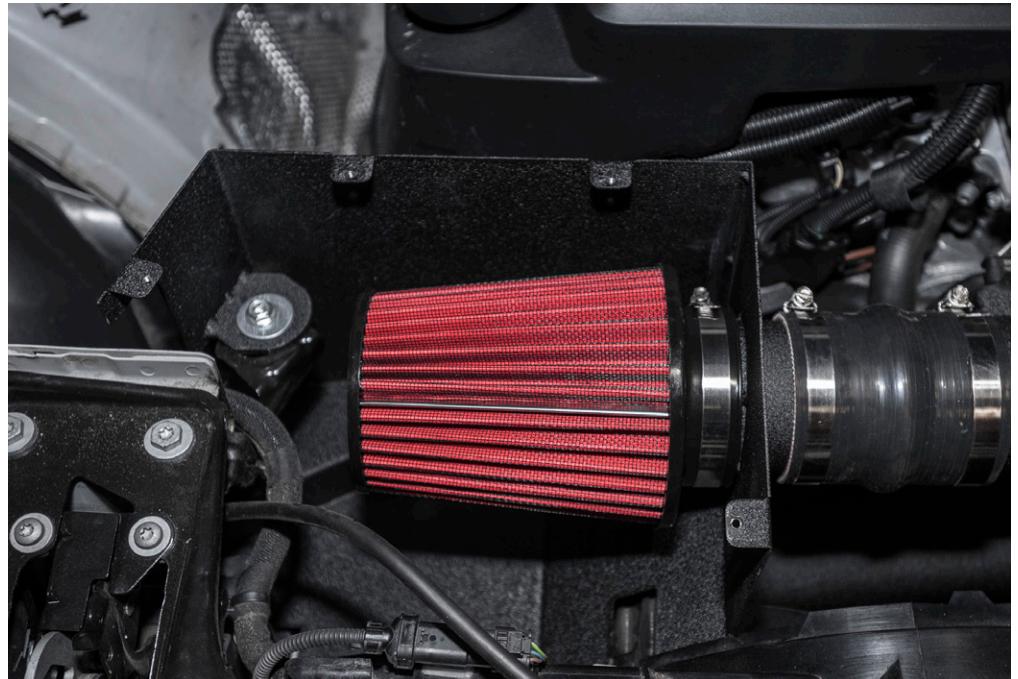
STEP 16

Reroute the MAF electrical connector and reconnect to the MAF sensor



STEP 17

Attach the air filter and tighten the hose clamp.

**STEP 18**

Install the rubber grommet we removed from the stock air box to the CTS heat shield cover.



STEP 19

Install the heat shield cover.



STEP 20

Install the provided allen screws to secure the heat shield cover.



STEP 20

You are done!

