



INSTALLATION GUIDE

INTAKE FOR BMW B58 ENGINE
M140/M240/340/440
CTS-IT-340R



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

www.CTSTURBO.com

WHAT IS INCLUDED

1. CTS heat shields
2. CTS MAF housing
3. CTS silicone coupler
4. CTS high flow air filter
4. Weather stripping
5. Hardware

CTSTURBO



TOOLS REQUIRED

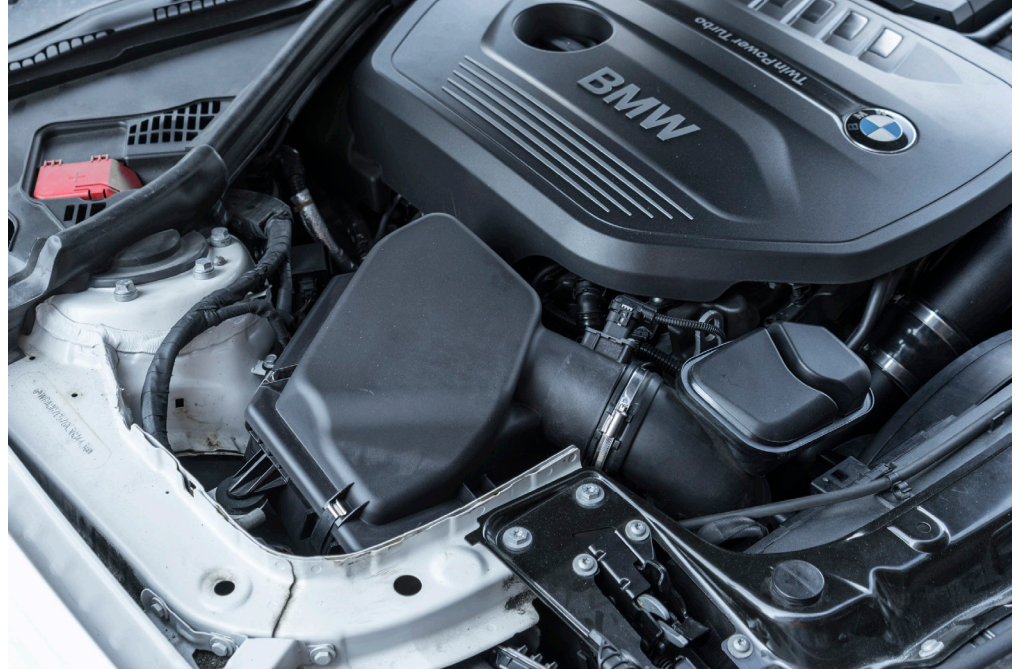
1. 10mm socket
2. T20 torx
3. 2.5mm allen
2. Screw driver

NOTES

Vehicle used in this guide is a 2016 BMW 340i. Always make sure the car is safe to work on. Do not work on the car until it has cooled down. We do not accept any liability for incorrect installation or damage during the install.

STEP 1

Locate the stock air box on the right side of the vehicle.



STEP 2

1. Disconnect the MAF sensor
2. Loosen the clamp



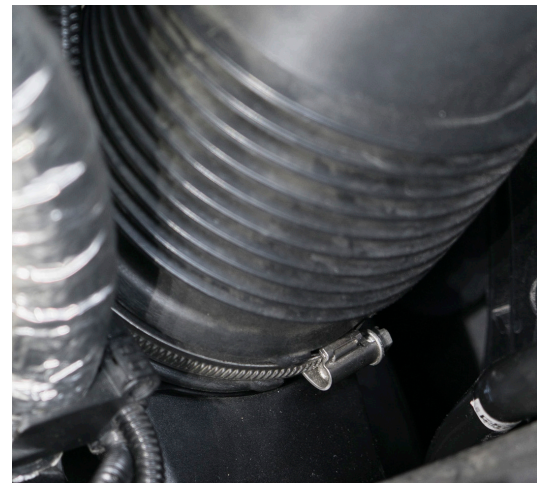
STEP 3

Lift and remove the stock air box



STEP 4

Locate the clamp that attaches the turbo inlet duct, loosen and remove.



STEP 5

1. Unscrew the ball pin that attaches the stock intake.
2. Remove the 10mm nut near the strut tower

**STEP 6**

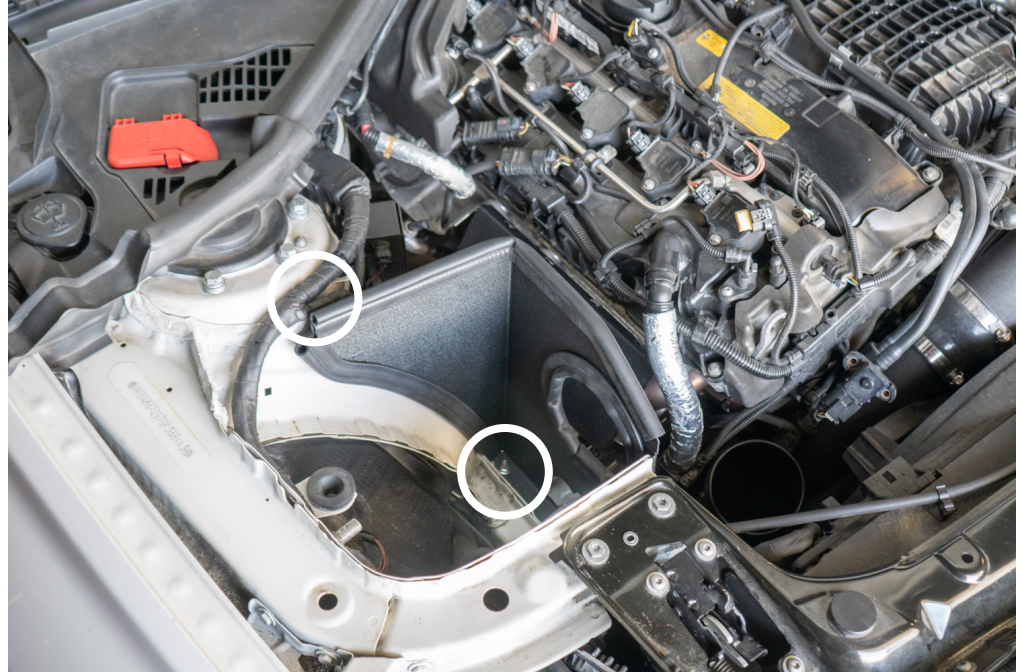
1. Install the 4 provided metal clips near the turbo.
2. Install the provided CTS turbo heat shield.



STEP 6

Install the heat shield using the stock 10mm nut near the strut tower.

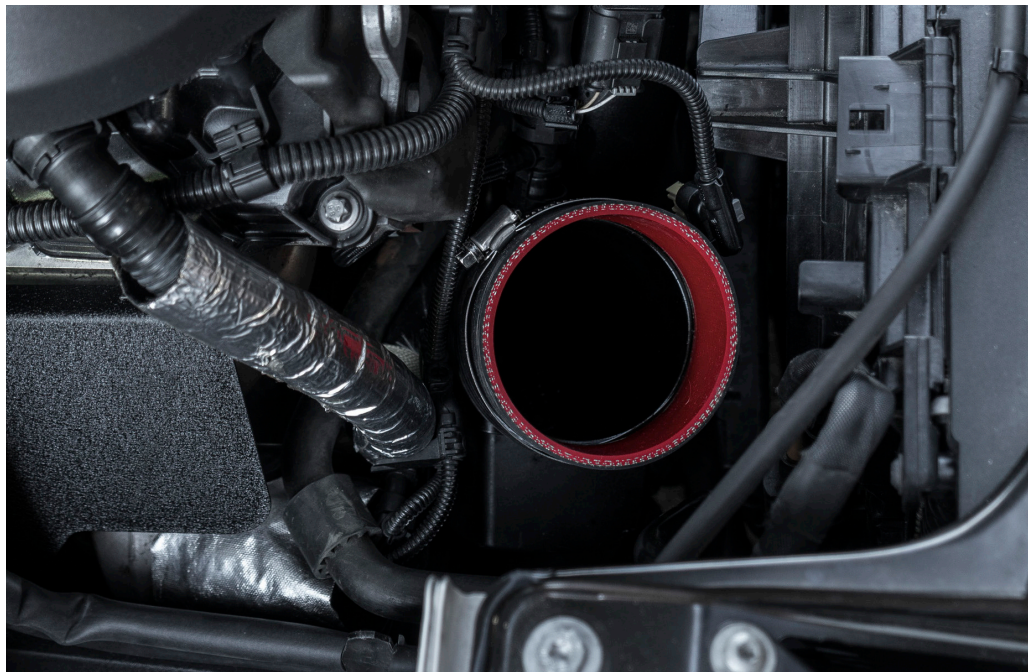
Using the 10mm nut provided install where the ball pin was located.



STEP 7

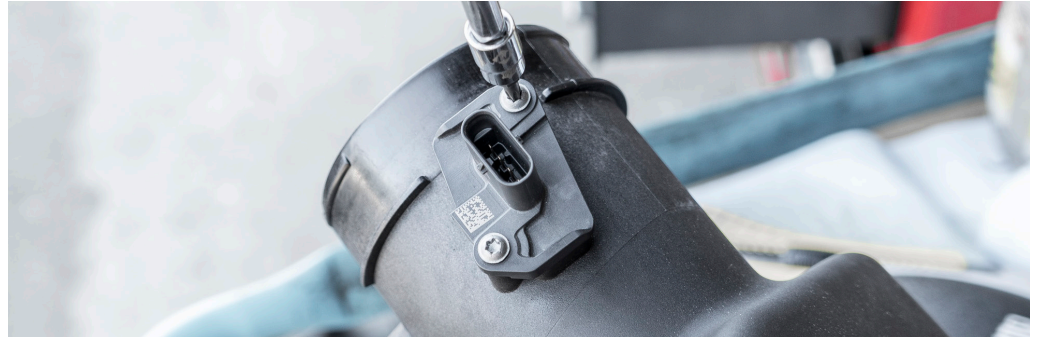
Install the CTS silicone coupler and clamps at the turbo inlet.

Tighten the lower clamp now.



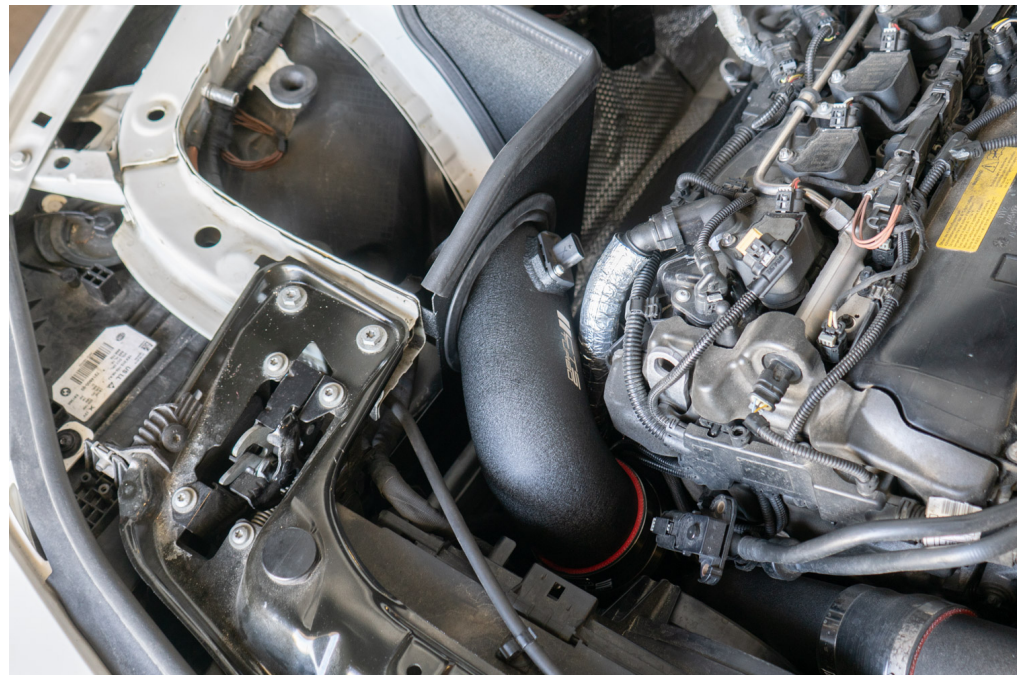
STEP 8

Transfer the MAF to the CTS housing



STEP 9

Install the intake pipe



STEP 10

Install the air filter and ensure all clamps are tight.

Reinstall the MAF sensor



YOU ARE DONE!

