

CTS TURBO

INSTALLATION GUIDE

CTS Turbo BMW F80 Intake
CTS-IT-289



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

WHAT IS INCLUDED

1. Intake Pipes
2. Air Filters
3. Hose clamps
4. Silicone Coupler



TOOLS REQUIRED

1. T25, T20 Torx
2. 6mm, 8mm, 10mm Sockets
3. 8mm, 12mm Socket
4. Pick or Flathead Screwdriver
5. 8" Extension

NOTES

Vehicle used in this guide is a 2015 BMW M3. 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

Remove the plastic retaining clips that are located on both sides of the rain tray

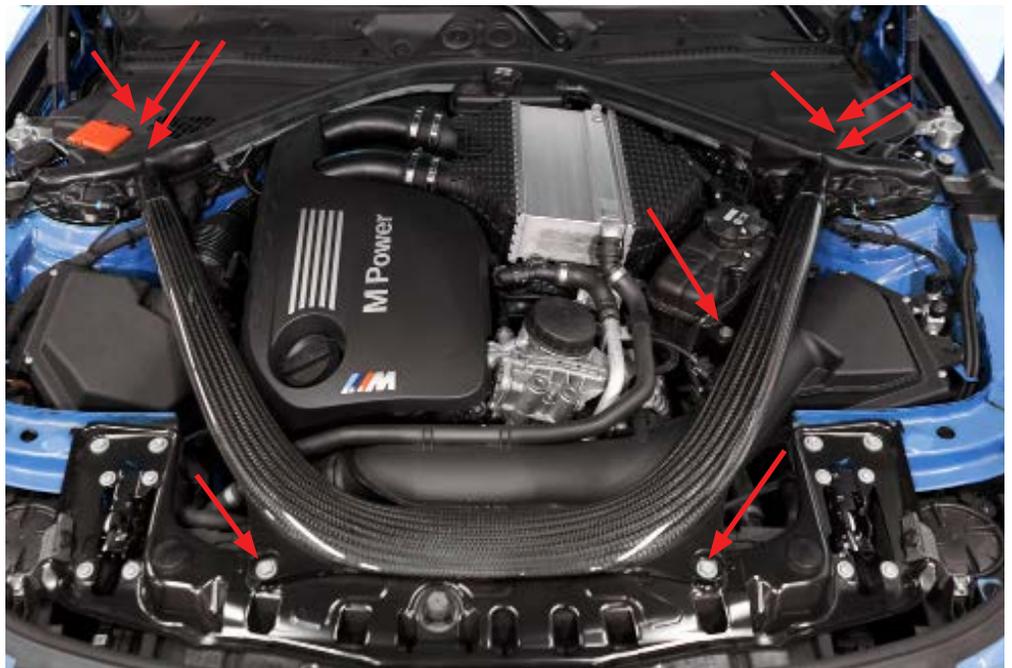
*Pop up gently



STEP 2

Lift the shroud and remove the 9 total bolts holding down the carbon fiber brace

*Arrows indicate bolt locations



STEP 3

Remove the brace



STEP 4

Disconnect the MAF sensor
and breather line



STEP 5

Loosen the T25 screws holding the airbox together

**STEP 6**

Loosen the hose clamp on the intake pipe



STEP 7

Lift and remove intake assembly



STEP 8

Remove the MAF sensor with a T20 Torx

*take care when handling the sensor



STEP 9

Install the MAF sensor into the CTS intake pipe & set aside.

Make sure the sensor is installed in the correct direction (arrow on the MAF sensor should point in the same direction as the arrow on the sensor flange)

*arrow locations marked



STEP 10

Remove the OEM intake support brace by twisting the rubber grommet and lifting.



STEP 11

Install into the CTS support
brace



STEP 12

Install the intake pipe



STEP 13

Install the air filter



STEP 14

Re connect the breather hose
and MAF sensor



STEP 14

Remove the T25 torx on the
passenger side airbox



STEP 15

Disconnect the MAF sensor



STEP 16

Loosen the hose clamp on the intake pipe next to the rear charge pipe

**STEP 17**

Remove the airbox



STEP 18

Remove the MAF sensor &
Install into the CTS pipe

**STEP 19**

Install the silicon coupler and
hose clamps



STEP 20

Install the CTS intake pipe & filter, reconnect the MAF sensor.



STEP 21

You may have to adjust the pipe positioning to have clearance from the engine brace.

Double check that everything is reconnected & tight.

