



INSTALLATION GUIDE

CTS TURBO BMW G2X 230/330/430 B46 INTAKE SYSTEM
CTS-IT-946



WHAT IS INCLUDED

1. Intake System



NOTES

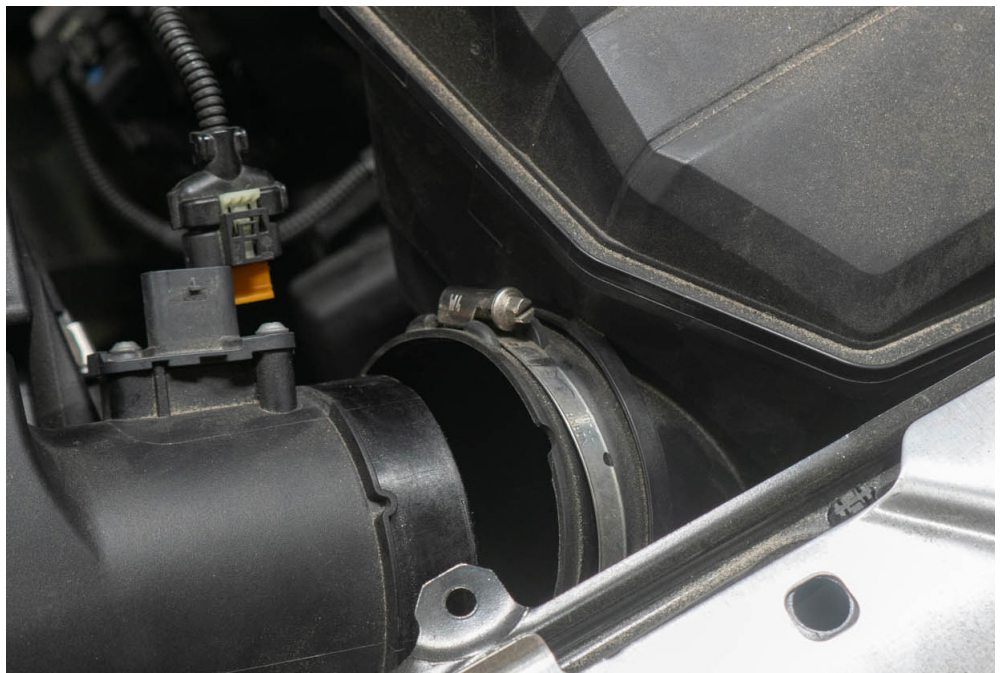
Always make sure the car is safe to work on. Do not work on a hot motor.

STEP 1

Disconnect the MAF electrical connector.

**STEP 2**

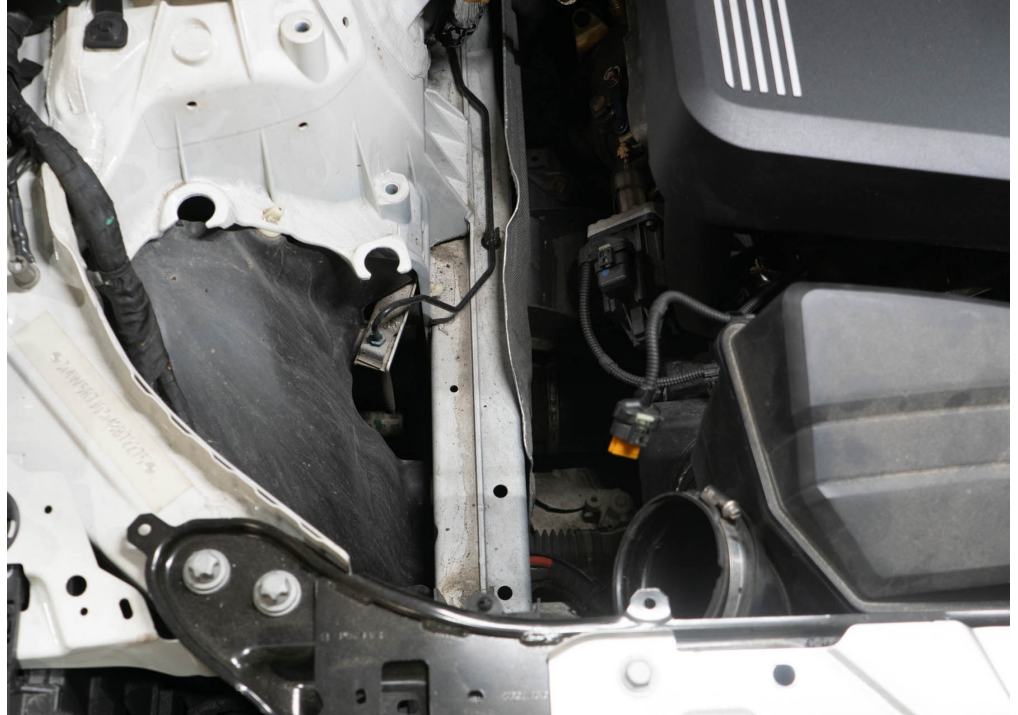
Loosen the clamp and remove the intake silencer from the airbox.



STEP 3

Lift and remove the airbox.

Lift from the rear first to get it started as the air box is seated in the air intake inlet.



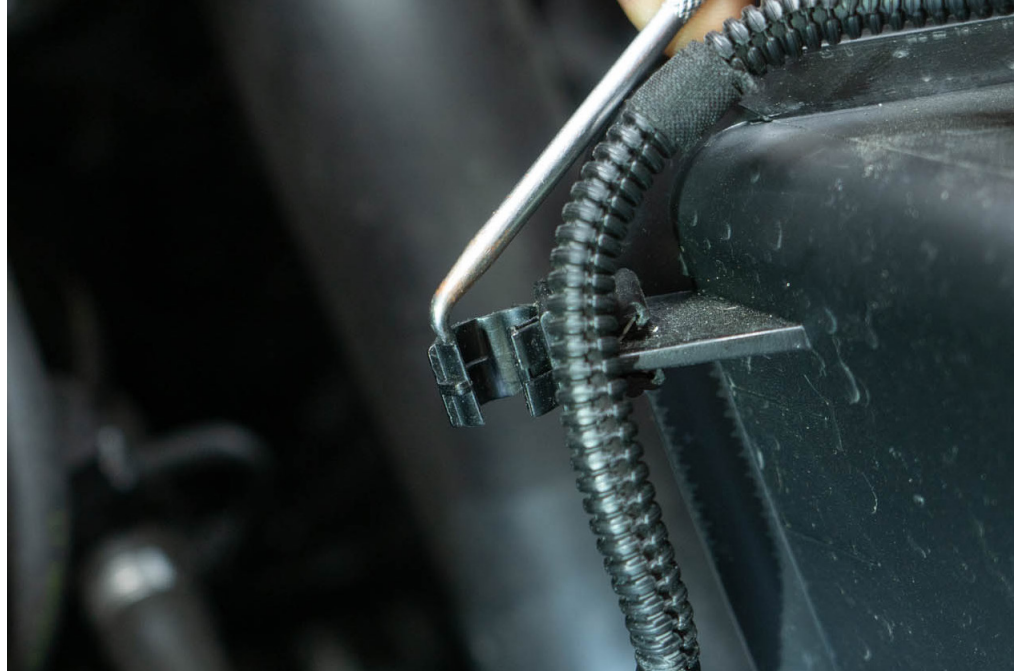
STEP 4

Cut the lower clamp to remove the intake resonator.



STEP 5

You will need to MAF wiring harness from the intake resonator.



STEP 6

Ready for install.



STEP 7

Install the silicone reducer on to the turbo inlet pipe.

Do not tighten the clamps yet.



STEP 8

Transfer the MAF from the OEM intake to the CTS intake pipe.

Use the provided bolts and washers.



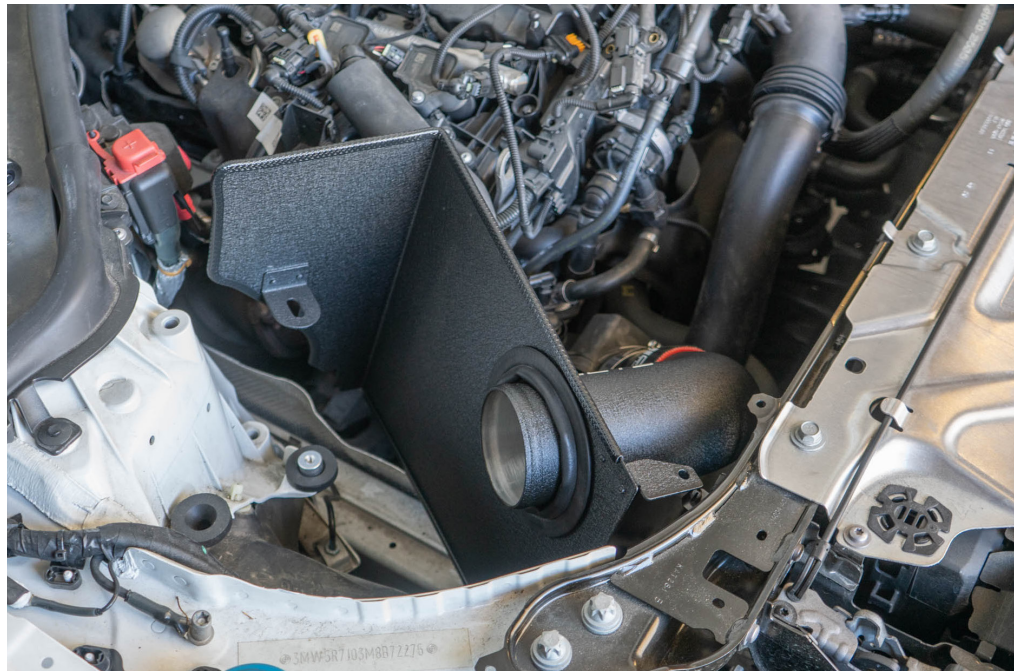
STEP 9

Install the billet post in the lower grommet.



STEP 10

You will need to install the intake pipe with the heat shield attached at the same time.



STEP 11

Rotate the heat shield into place.



STEP 12

The front mounting point requires the bolt, washer and nut to install.

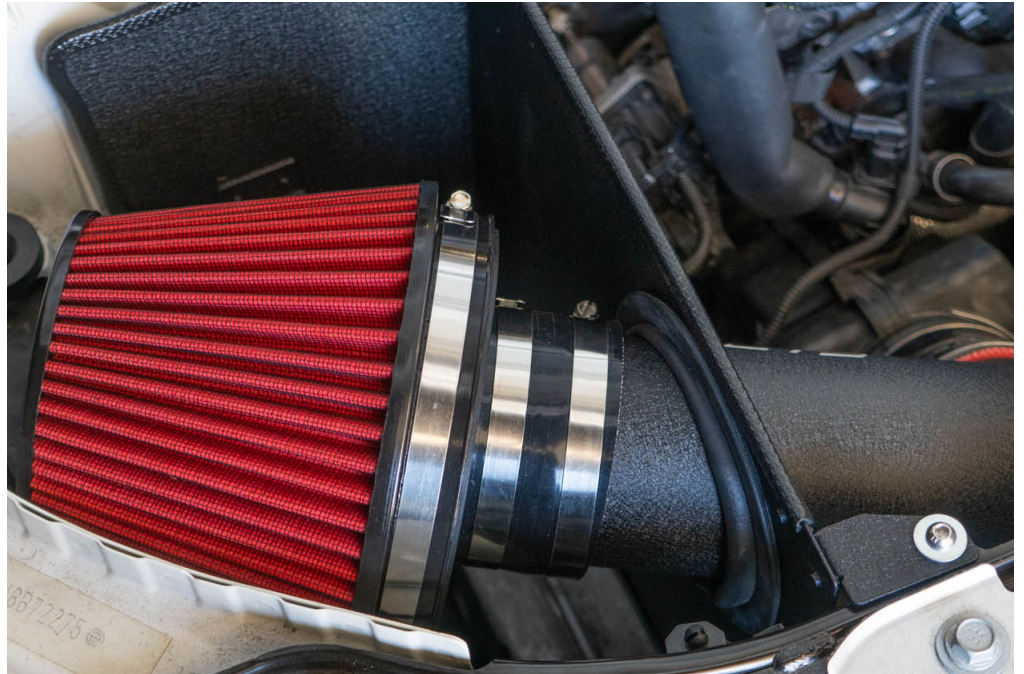
The rear only requires the bolt and washer.

Do not over tighten.



STEP 13

You can now install the air filter and straight silicone coupler. You can tighten these clamps now.



STEP 14

Connect the MAF electrical connector.



STEP 15

Tighten the lower clamps now.



STEP 16

That's it you are done.

