



INSTALLATION GUIDE

CTS-IT-166

CTS Turbo Intake kit for Mini Cooper (F56)
and BMW (F48 X1/F39 X2)



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

www.CTSTURBO.com



WHAT IS INCLUDED

- 1x Air Filter
- 1x Vented Airbox cover
- 1x Weather strip
- 2x Short allen bolts
- 2x Long allen bolts
- 2x MAF Housing elbows
- 1x Hose clamp



TOOLS:

- T25 Torx bit
- T20 Torx bit
- 2.5mm Allen key
- 7mm socket
- 8mm socket
- Bit Driver

NOTES

Vehicle used in this guide is a 2019 Mini Cooper S. Other cars will follow the same steps.

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

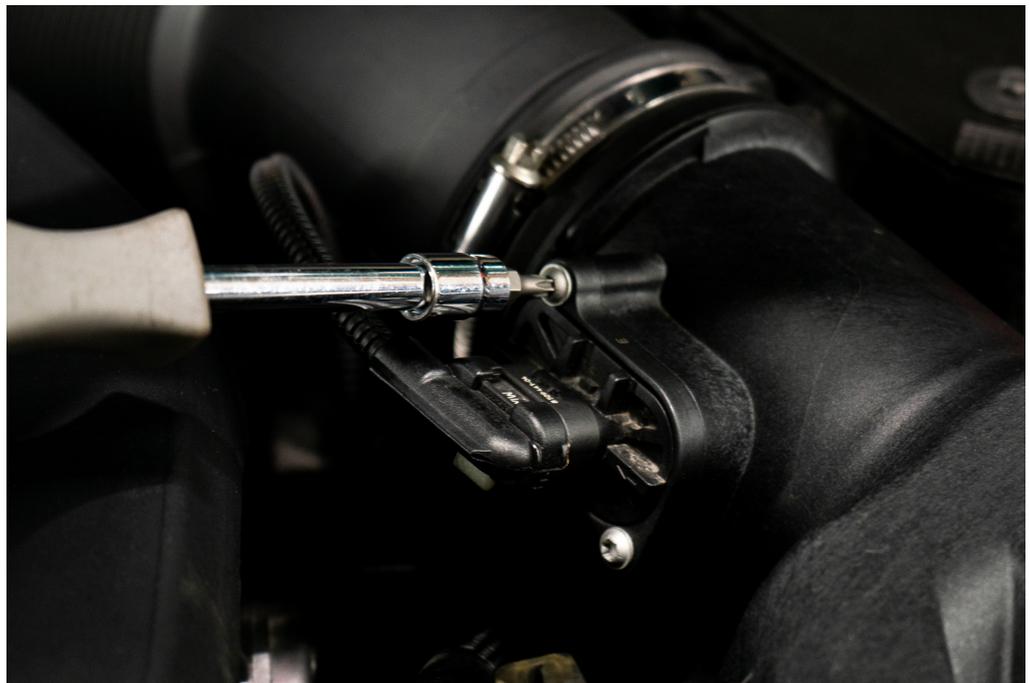
STEP 1

Unclip wiring harness from the factory airbox lid. Move to the side.



STEP 2

Unbolt the MAF sensor from the factory airbox and remove



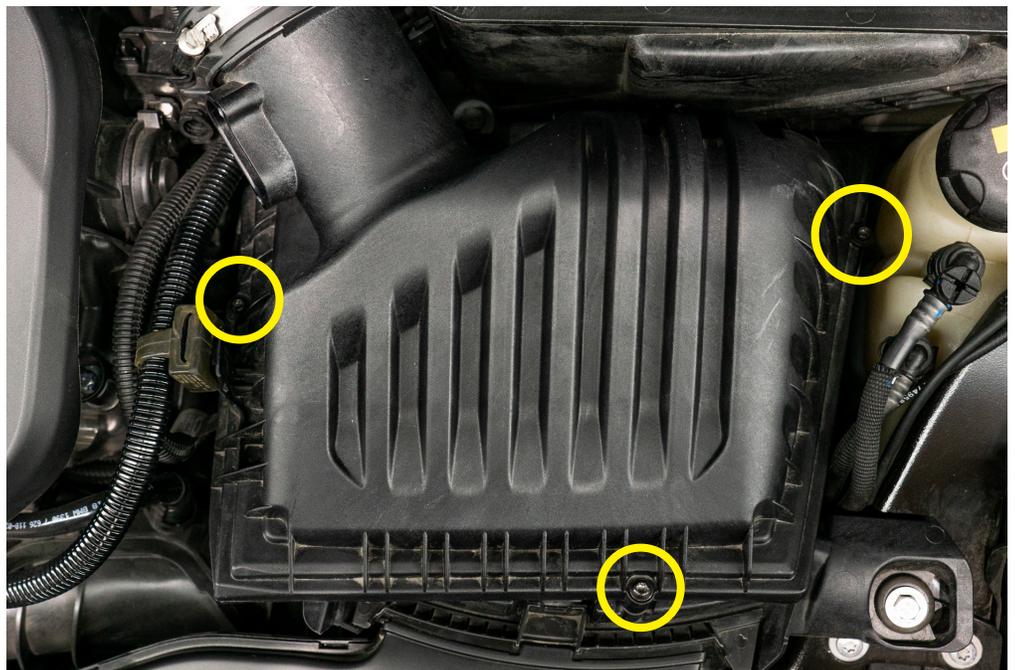
STEP 3

Loosen clamp at airbox and inlet pipe connection.



STEP 4

Loosen the 3 T25 screws securing the factory airbox lid.



STEP 5

Remove the Factory airbox cover and Factory panel filter



STEP 6

Preassemble the weather striping onto the CTS airbox cover. Then pre-assemble the filter onto the MAF elbow (double check to make sure you use the correct elbow for your MAF). You will need to install the cover and the air filter together.



STEP 7

Install CTS filter and cover onto factory lower airbox. Connect MAF elbow to the inlet pipe.



STEP 8

Transfer the 3x T25 screws from the factory airbox cover. Install them into the CTS cover and tighten.



STEP 9

Now adjust the MAF elbow and tighten clamp on inlet pipe.



STEP 10

Now you can re-install the MAF sensor with the supplied Allen bolts.



STEP 11

You are done!

Enjoy Horsepower.

