



## INSTALLATION GUIDE

INTAKE FOR BMW G20 B58 M340I



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[www.CTSTURBO.com](http://www.CTSTURBO.com)

## WHAT IS INCLUDED

CTS heat shield  
CTS MAF housing  
CTS silicone couplers  
CTS 6" Velocity stack filter  
Weather stripping  
Hardware



## NOTES

Vehicle used in this guide is a 2020 G20 BMW M340i. Other cars will follow the same steps.

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

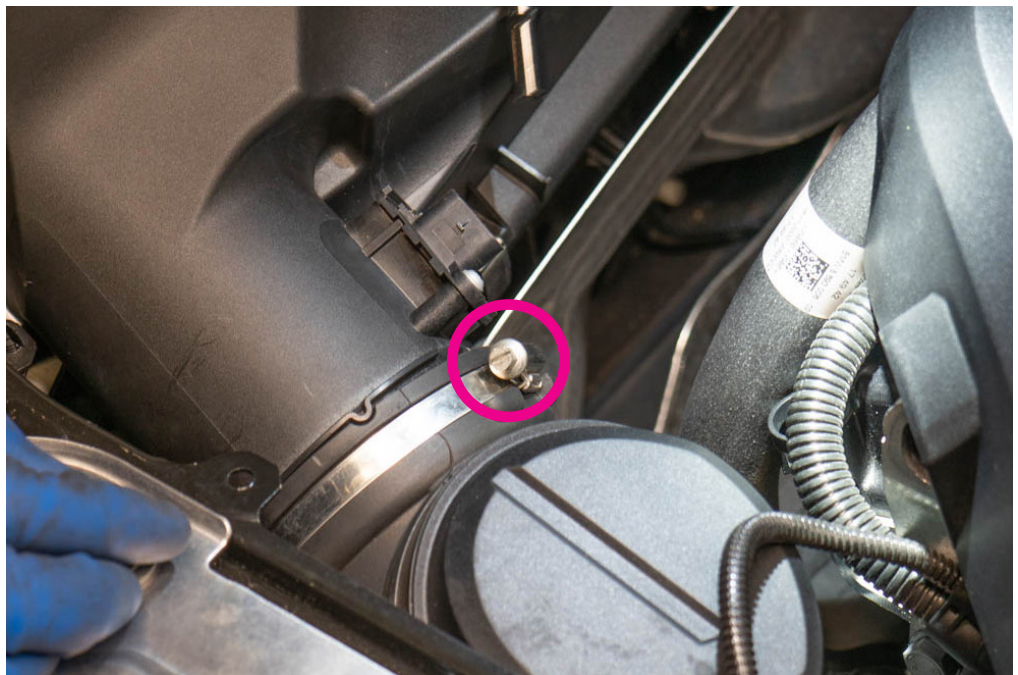
### STEP 1

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



### STEP 2

1. Disconnect the MAF sensor
2. Loosen the clamp indicated



### STEP 3

Lift and remove the air box.

Sometimes the rubber grommets will come out with the air box, you will need to put them back in their mounting locations.



### STEP 4

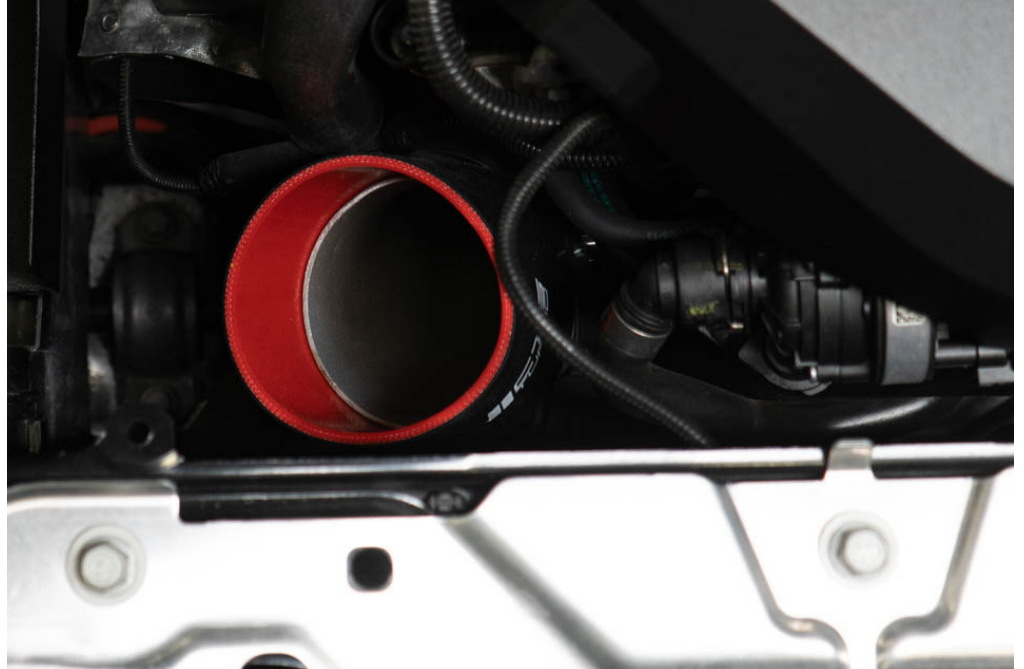
There is a clamp you will need to loosen/remove at the bottom of the resonator inlet duct to the turbo inlet. Once the clamp is removed you can remove the duct.

\*This vehicle is equipped with our turbo inlet pipe, the procedure is the same for the stock inlet



## STEP 5

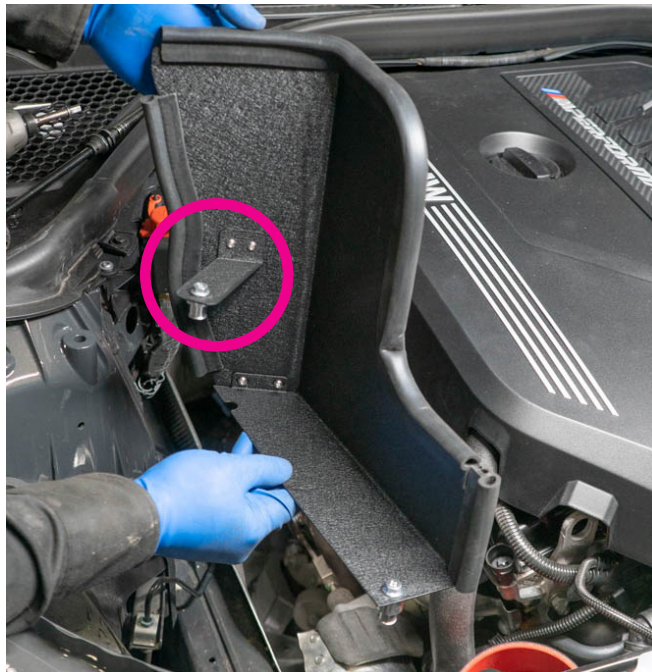
Install the longer of the 2 silicone couplers and loosely install 2 of the provided clamps.



## STEP 6

Assemble the heat shield with provided hardware and weather stripping and install.

For the bracket with the upper mounting pin we suggest having it slightly loose to ensure it seats correctly in the rubber grommet, and then fully tighten.



## STEP 7

1. Transfer the MAF sensor to the CTS intake pipe. **\*\*MAKE SURE TO USE THE WASHERS PROVIDED WHEN INSTALLING THE MAF\*\***

2. Install intake pipe and loosely tighten the lower clamps.



## STEP 8

1. Install the velocity stack filter with the shorter silicone coupler and provided clamps. You can tighten these upper clamps now.

2. Adjust intake pipe as needed.

3. You can now tighten the lower clamps fully.

4. Finally reconnect the MAF sensor and you are done!

