INSTALLATION GUIDE

CTS Turbo Toyota Corolla GR Intake System
CTS-IT-344



www.CTSTURBO.com

WHAT IS INCLUDED

1. Intake System



NOTES

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

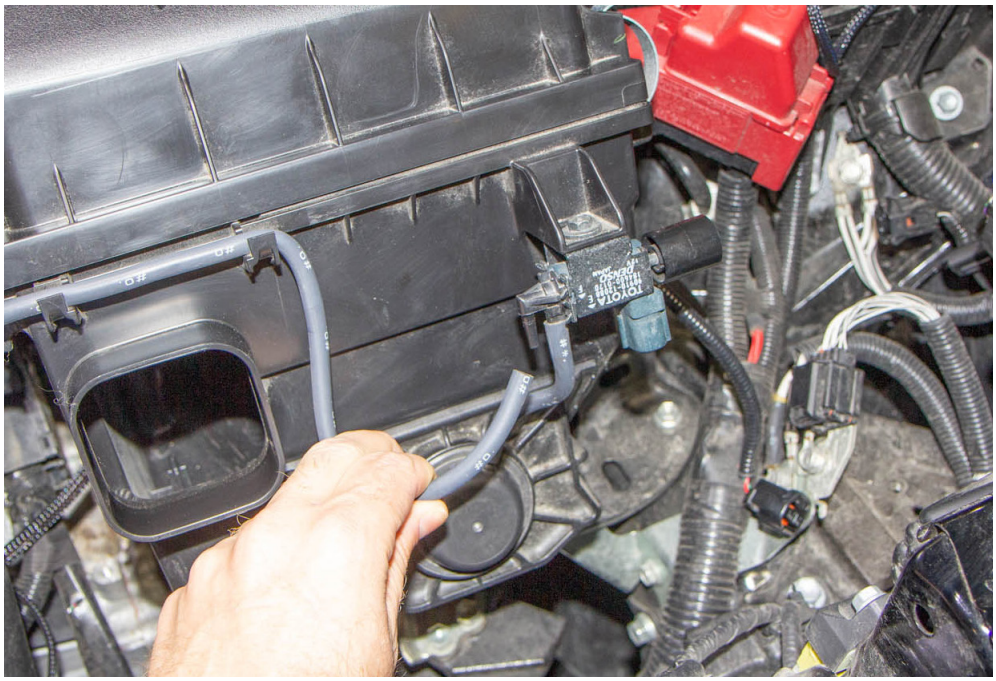
STEP 1

Remove the front engine bay trim. Use a flat head screw driver or plastic remove tool to pop out the pins.



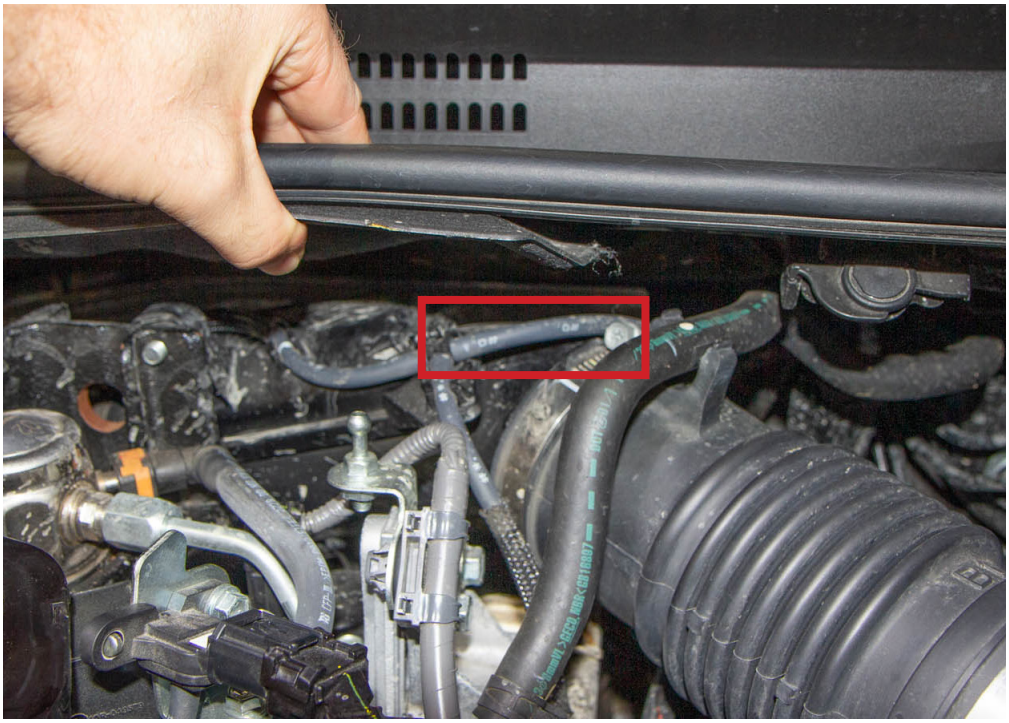
STEP 2

Remove the this line from the intake vacuum sensor.



STEP 3

Follow that vacuum line to the intake pipe and remove.



STEP 4

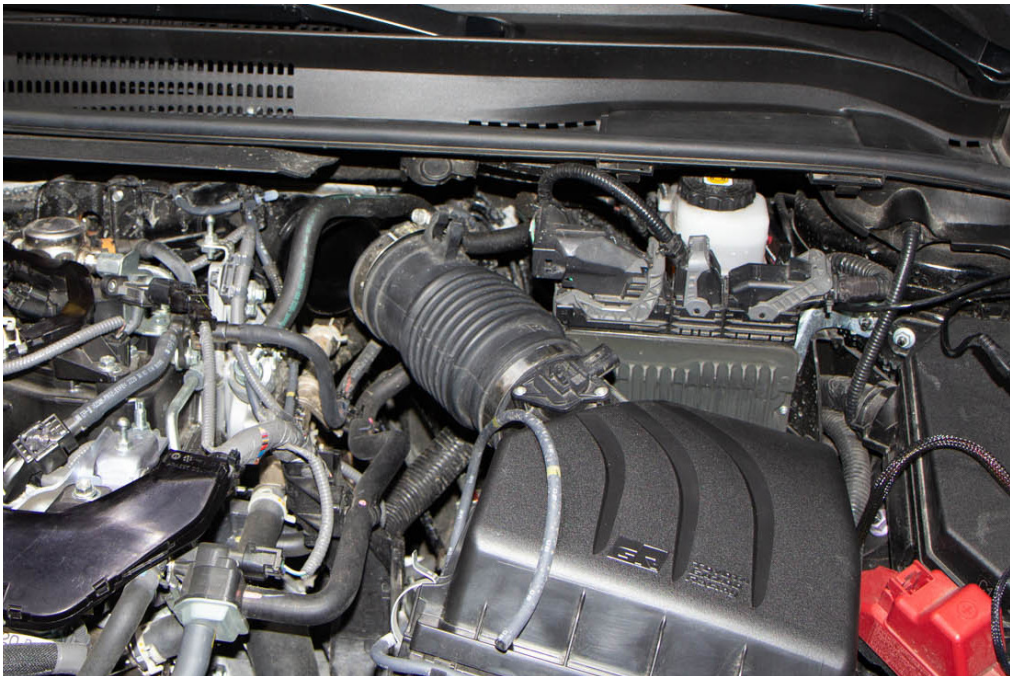
Cap off the line we just removed with provided cap and zip tie.



STEP 5

Disconnect the MAF electrical connector.

Loosen the clamp connecing the air box to the intake pipe.



STEP 6

Lift and remove the air box.



STEP 7

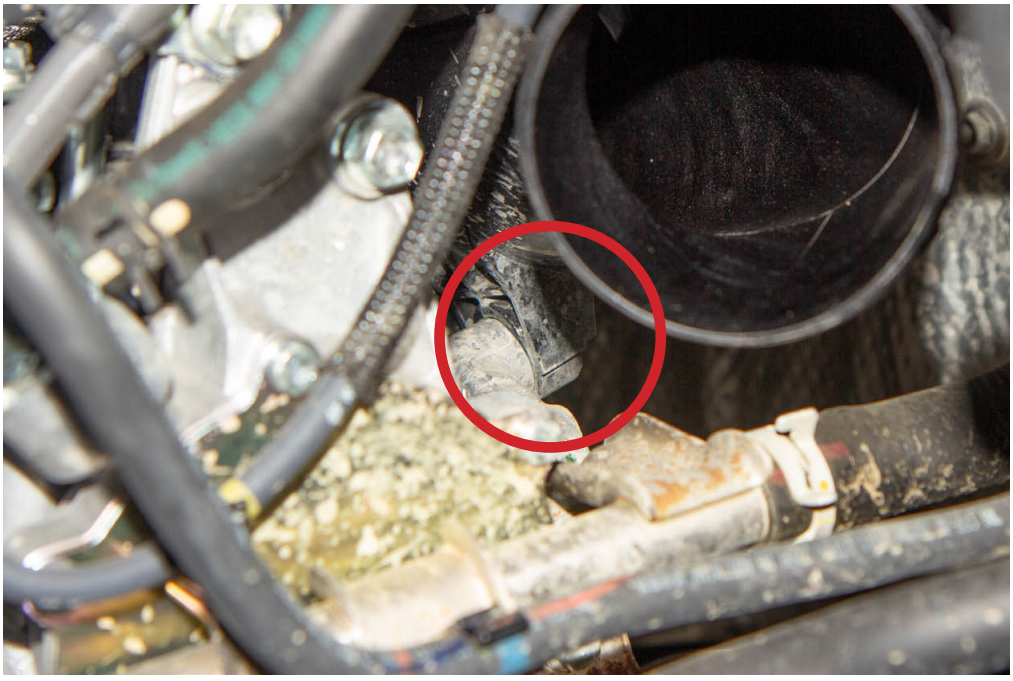
Next remove the upper bolt that holds the turbo inlet pipe.

This bolt is on really tight, so have fun breaking it loose.



STEP 8

Now remove the lower bolt.



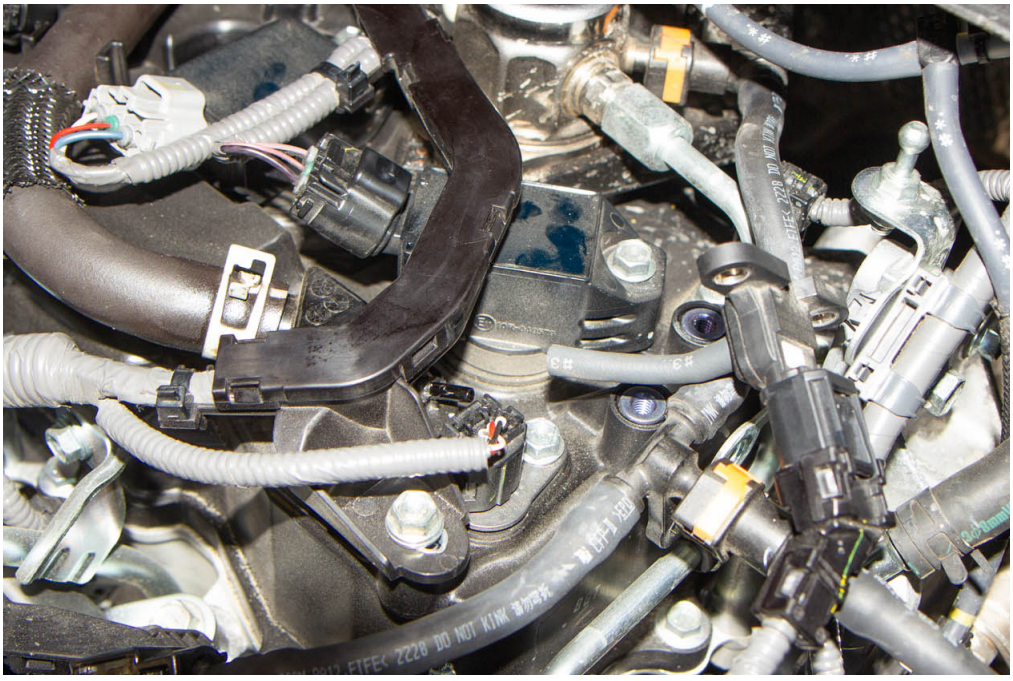
STEP 9

You can now remove the turbo inlet .



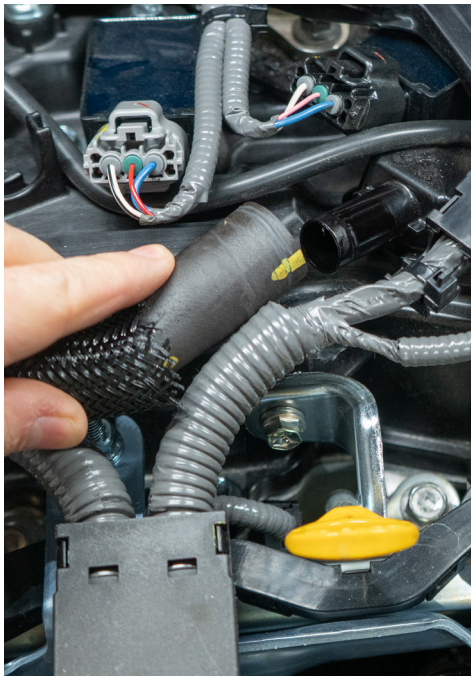
STEP 10

Remove the vacuum line hose shown. Remove it from the vacuum sensor as well.



STEP 11

Remove the stock PCV hose





STEP 12

When installing the restricter tube **YOU MUST ALIGN IT AS INDICATED** on the image before installing the provided PCV hose.



STEP 13

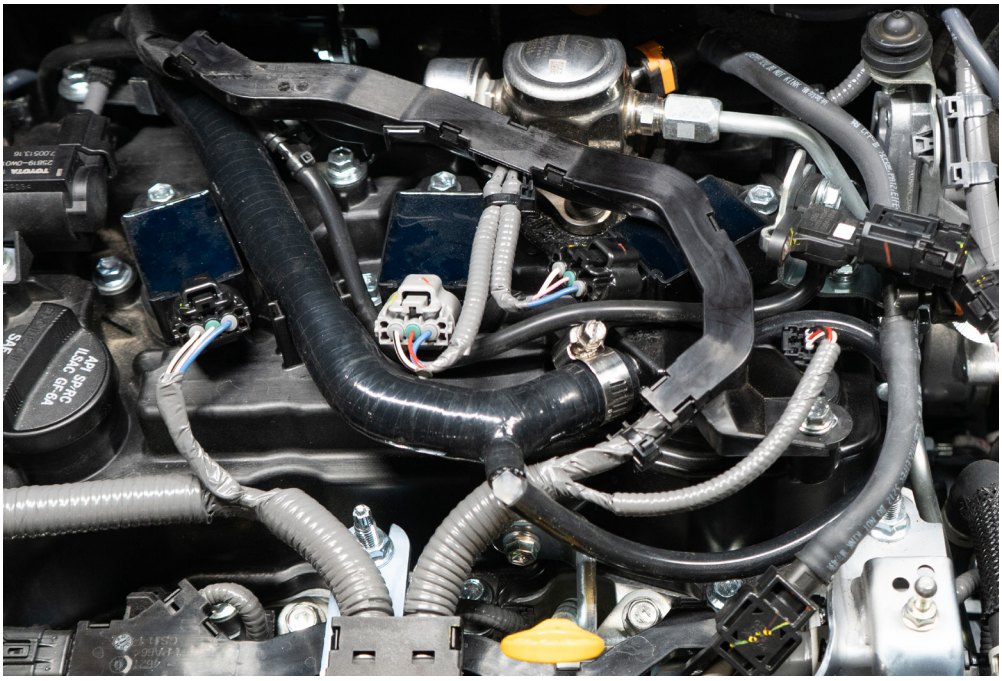
1. Install the provided PCV hose with provided clamps

2. Install the 90 degree barb fitting and connect provided vacuum hose.

3. Connect the vacuum hose to the sensor.

4. With the provided cap, block off the vacuum connection at the PCV plate indicated.

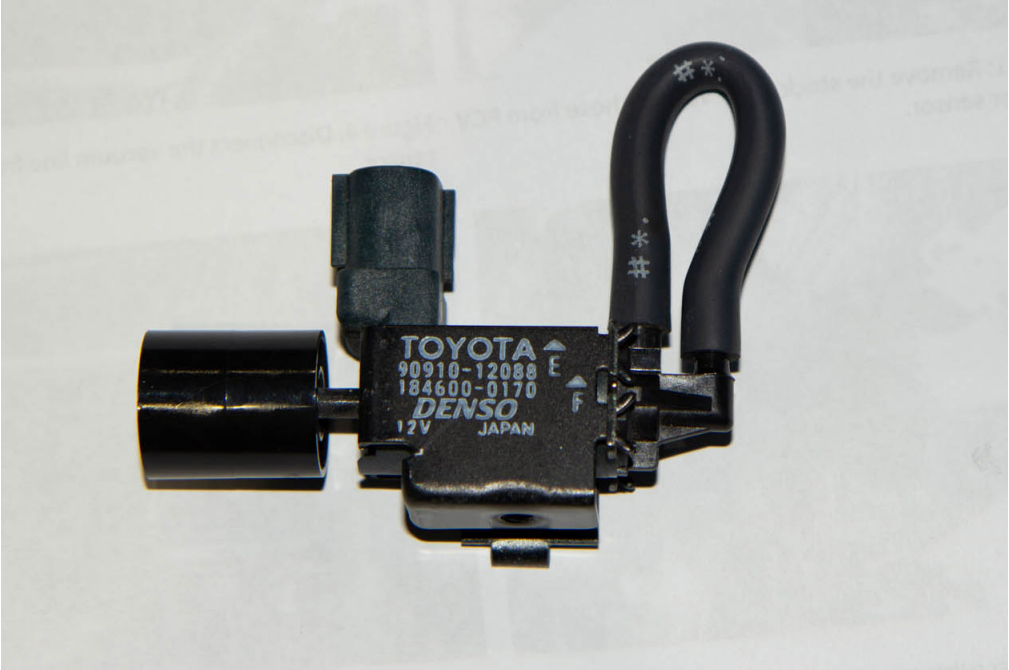
Use the provided zip ties to secure the connections.





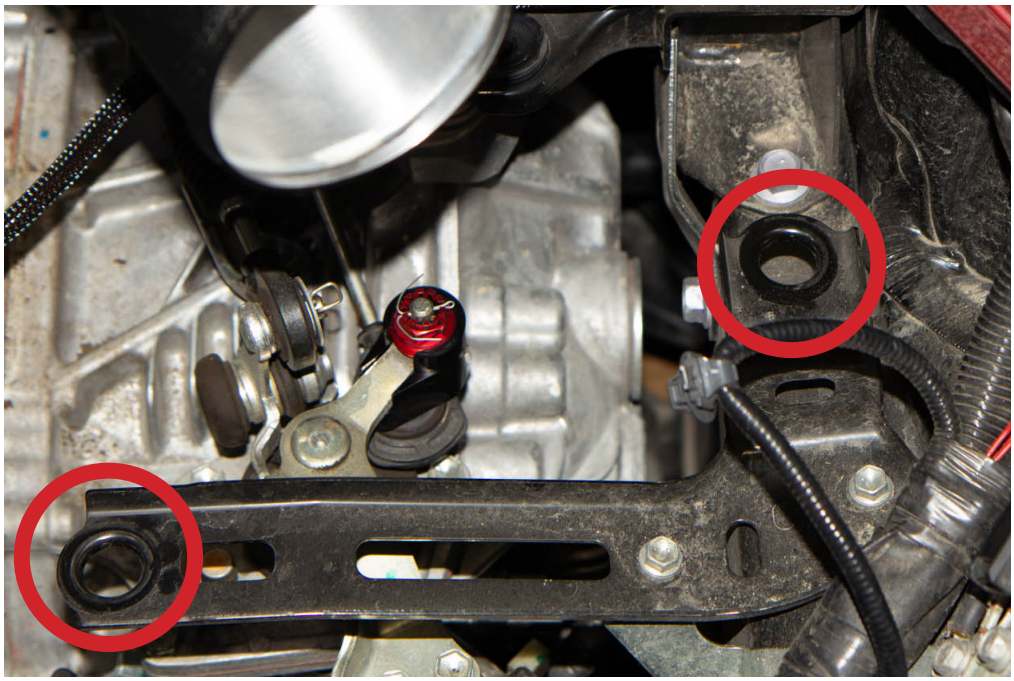
STEP 14

For the intake vacuum sensor route the factory line back into the sensor.



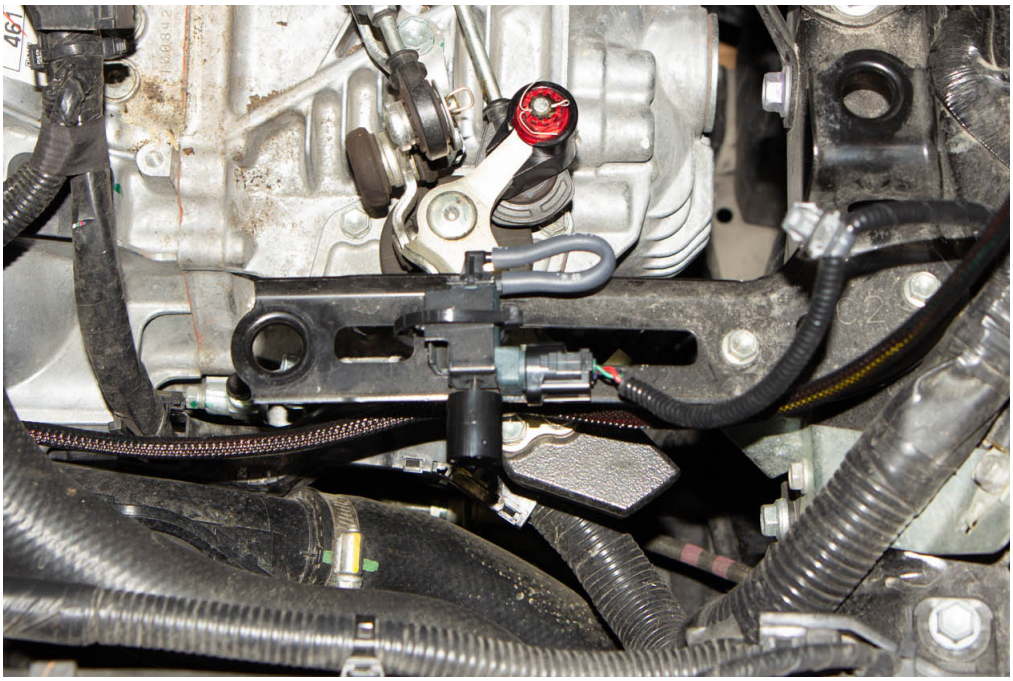
STEP 15

Remove the factory grommets indicated.



STEP 16

Install the intake vacuum sensor as shown with the provided zip tie.

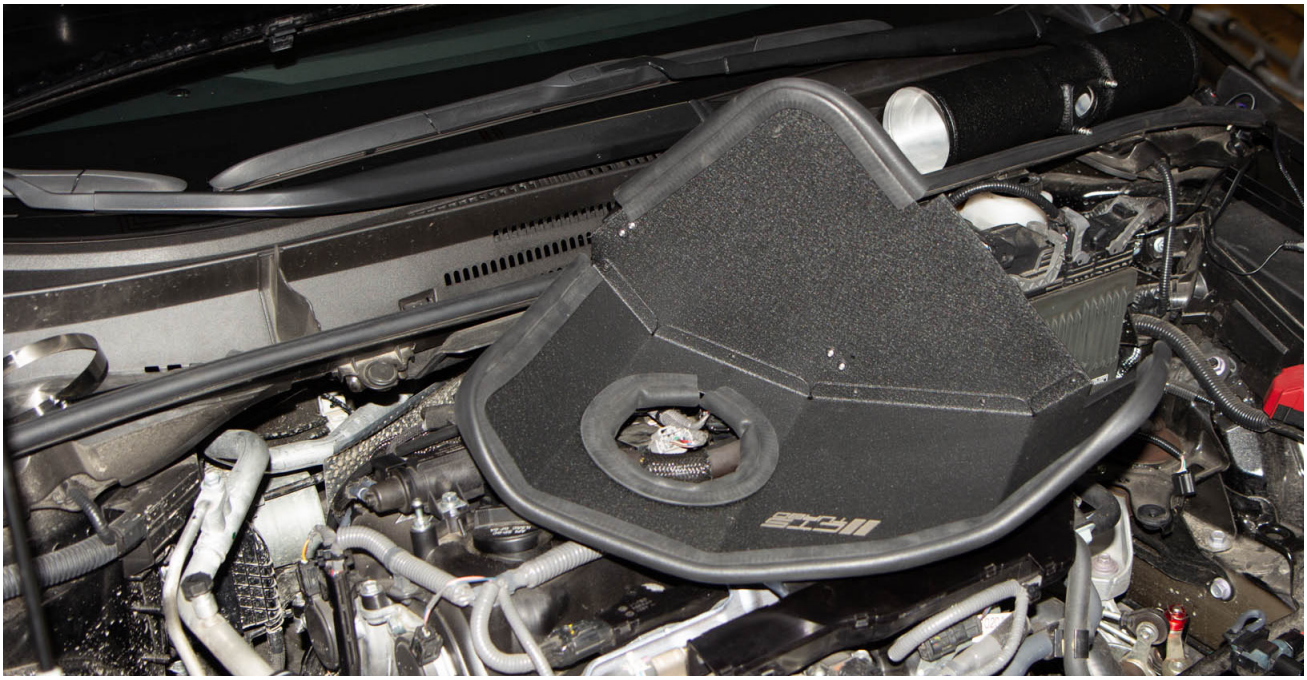


STEP 17

Assemble the heat shield.

Note: the longer bracket goes to the front of the heat shield





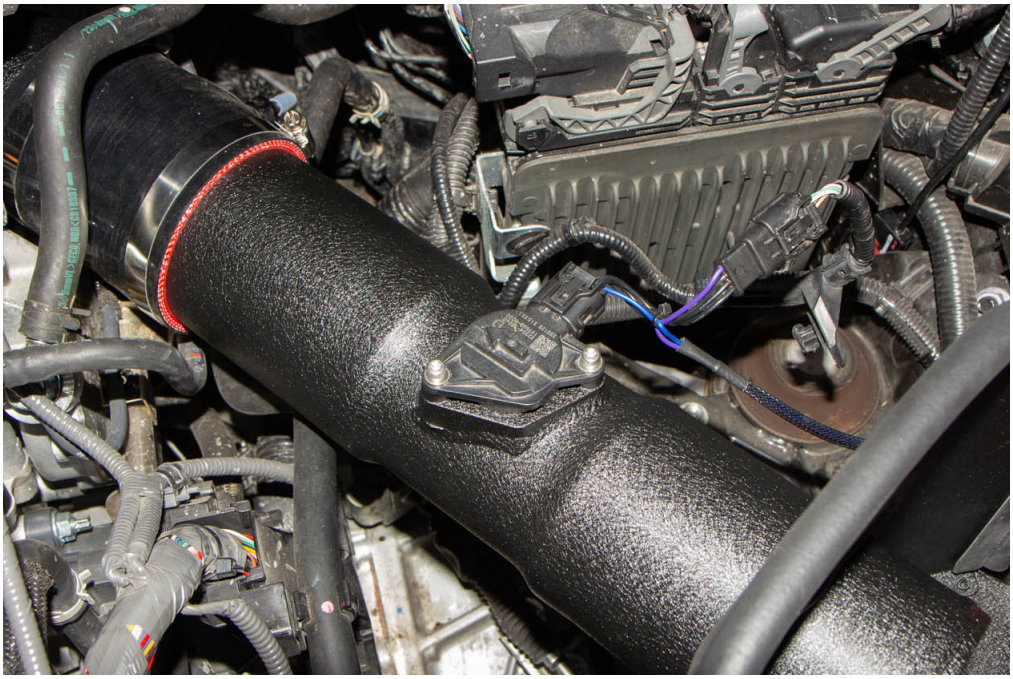
STEP 18

Pre-install the provided silicone and clamp on the turbo inlet pipe followed by our intake pipe.



STEP 19

Make sure you transfer the MAF sensor to the intake pipe before installing.



STEP 20

Install the velocity stack onto the intake pipe.



STEP 21

Sometimes from the mold release the filter can have an oily feel. If available use brake clean on a rag to remove or rubbing alcohol before installing.



STEP 19

Make sure to reinstall the engine bay trim and you are done!

