

FOCUS ST V1 DIFFUSER INSTALLATION

Rev 1.01

TOOLS NEEDED

- Drill
- ¼" Drill bit
- Hex key Set or hex socket
- #10 socket, #14 socket
- 7/16th Socket
- Thread lock/Loctite **IMPORTANT** (this prevents the bolts from backing out)
- Helping Hand (makes things a lot easier)
- Jack, jack stands or something to hold up the diffuser
- LOCTITE

Hardware included

- (16) #10x1/2" bolts, (16) flange nuts
- (8) 1/4 x20 bolts, (8) 1/4x20 flange nuts
- (2) hanging brackets

PROFFESIONAL INSTALLATION IS ALWAYS RECOMMENDED.

We are not responsible for any damages and or injuries due to improper installation and or damages/ injuries while installing or using the diffuser.

STEP 1:

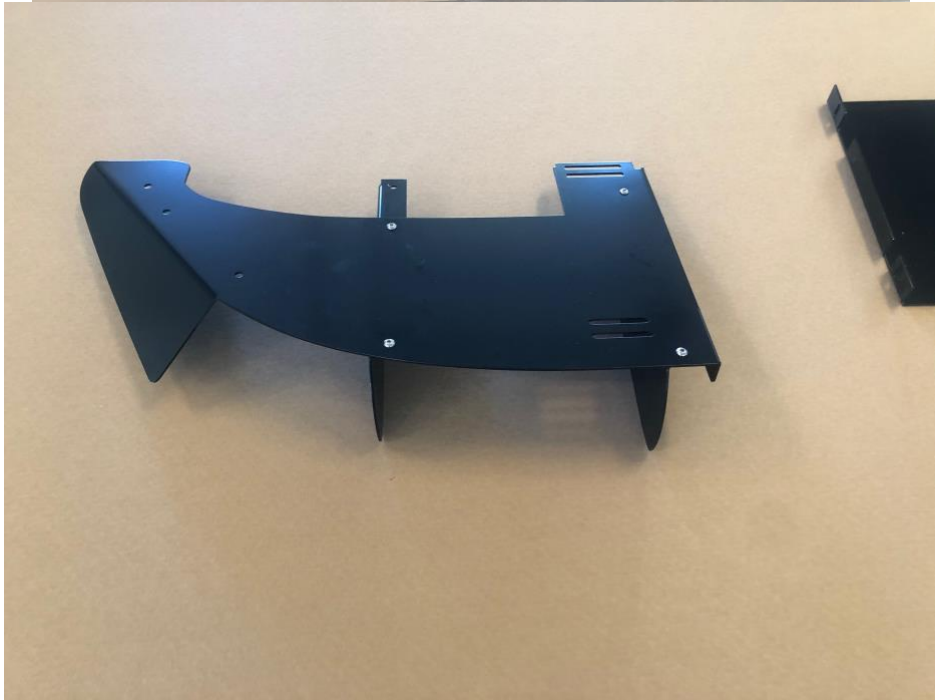
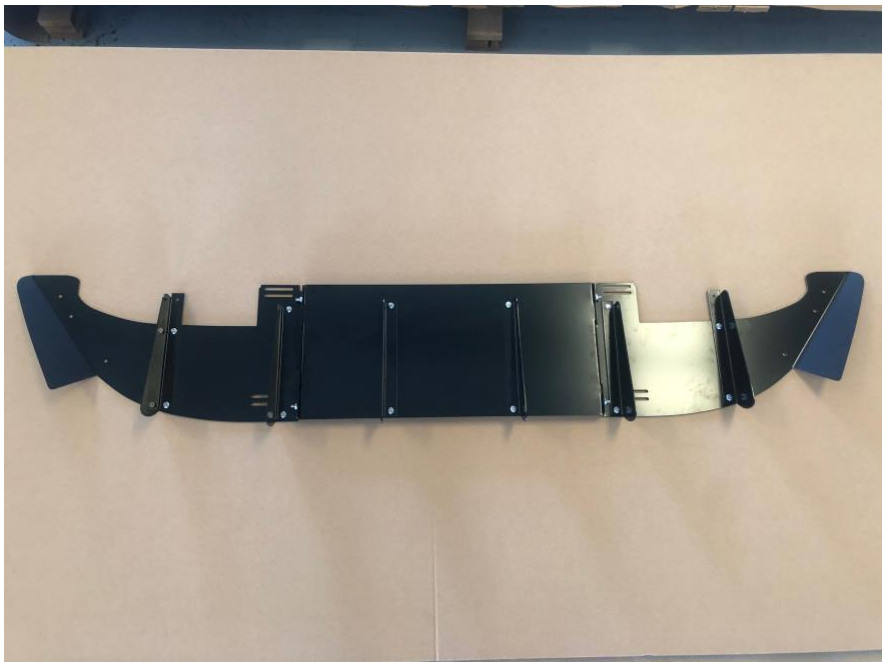
Raise the rear of the vehicle. **Please adhere to all safety precautions when lifting the vehicle.**

Use jack stands and or proper car ramps to support. Only use a hydraulic jack to lift the vehicle, NOT to support it. Again, you are responsible for safely raising/supporting the vehicle.

STEP 2:

Bolt the diffuser together.



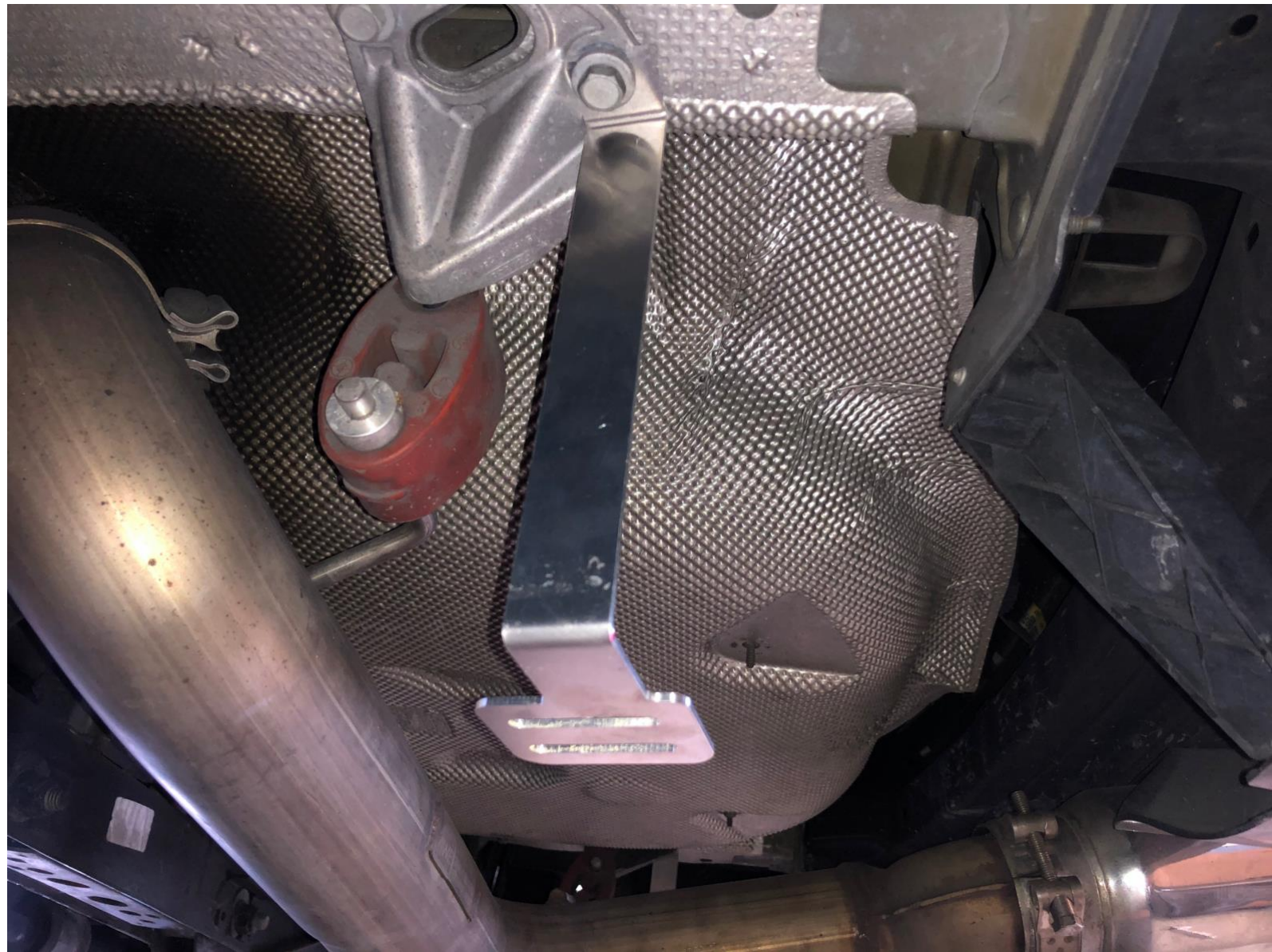


STEP 2:

2 MOUNT BRACKETS;

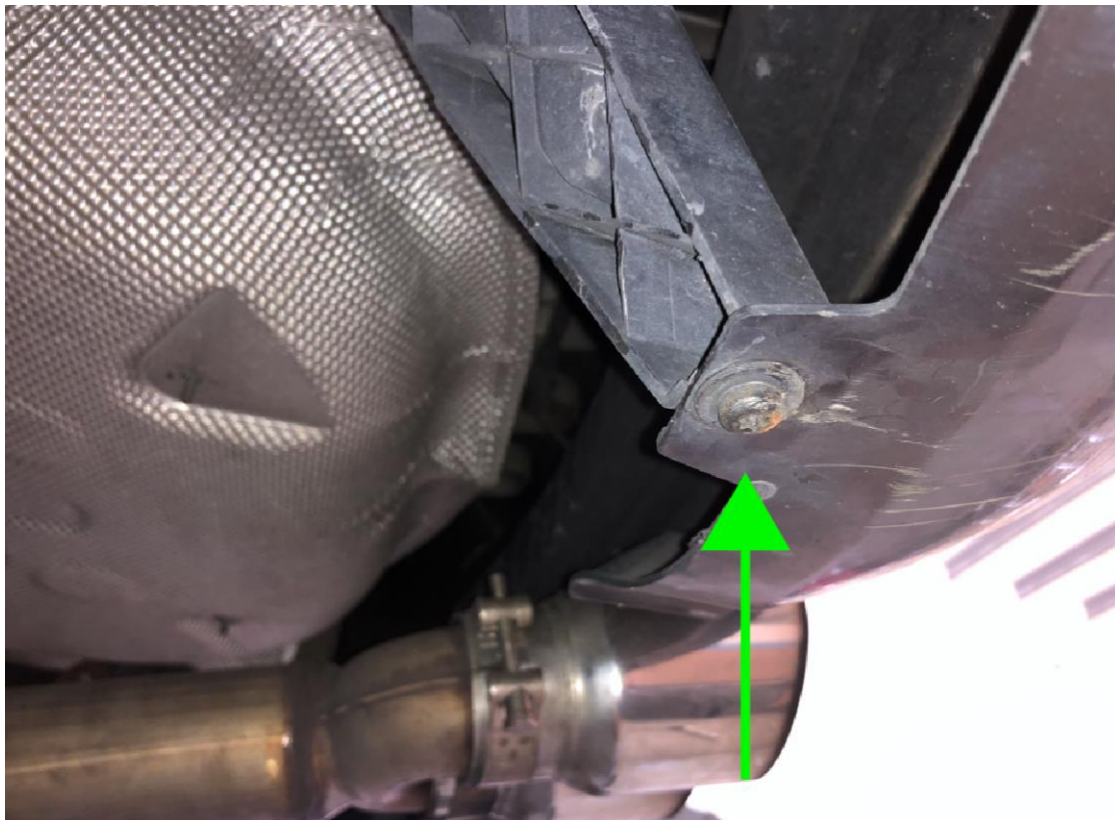
The 2 OEM mounts for the muffler hangers on the ST has 4 bolts. You will be utilizing the 1 rear bolt on each hanger mount (see picture). Loosen the bolt but don't remove. Slide the mount bracket in between the bolt. The picture shows the drivers side. As you can see the bottom of the bracket bend faces inward (towards the center of the car). The same goes for the passenger side.

Keep in mind you will have to manipulate these 2 brackets once you mount the diffuser up against it.



Step 3:

Replace the oem bolts on the 2 bumpers supports with (2) 1/4x20 bolts provided in the hardware kit. See pictures. You will have to drill out the opening to fit the 1/4" bolt.





STEP 4:

Lining up the diffuser

You can use jacks or jack stands for this (we used jack stands).



STEP 5

Mount the diffuser up the 2 bolts that you just installed on the bumper supports (see picture). The slits on the diffuser are tight! You might have to use some finesse to get the bolt through the slit.



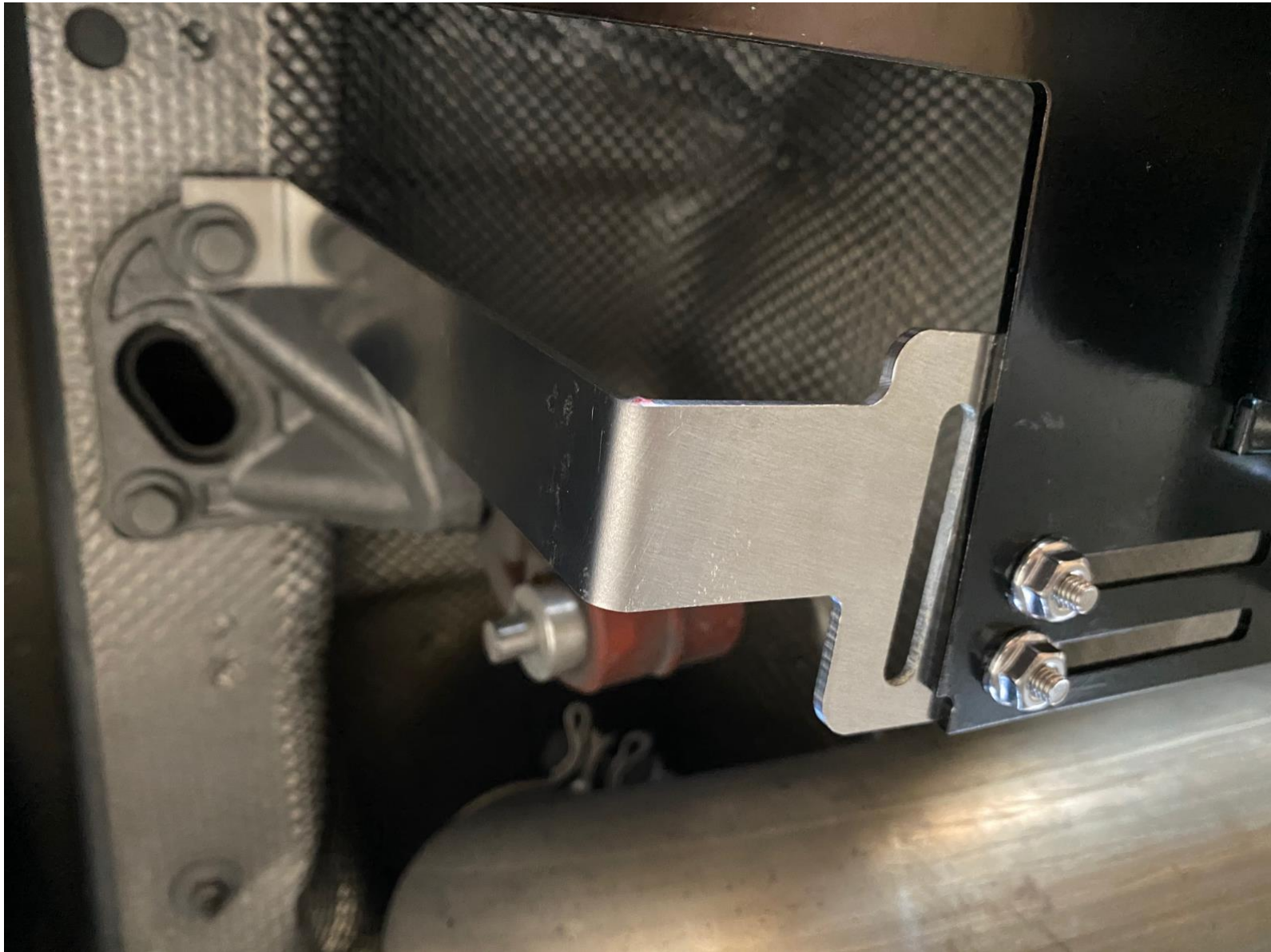
STEP 6

Mount the sides of the diffuser by drilling holes on each side of the bumper. **PLEASE** make sure you are lined up before you do this. Use a $\frac{1}{4}$ " bit to drill the hole through the bumper. Use (2) 1/4x20 bolts and flange nuts on each side.



STEP 7

Mount the 2 diffuser brackets (from step 2) to the diffuser. This might require some manipulating of the bracket. It is a tight fit.



IMPORTANT

MAKE SURE TO USE LOCTITE ON ALL THE BOLTS
MAKE SURE TO TIGHTEN ALL THE BOLTS