



FS Performance Engineering

Toyota Corolla 2014-18 Rear Diffuser V1 Installation Instructions

Tools Needed:

- 10mm socket
- 10mm wrench
- Ratchet + extension
- Flat head screwdriver or clip remover
- Drill with ¼” drill bit (only for entire diffuser version)

Included in Short Center Only Kit:

- (1) Center Diffuser
- (4) Rectangular plates
- (4) 15mm spacers
- (4) M6-1.0 x 30mm bolts
- (2) M6-1.0 x 90mm bolts
- (8) M6-1.0 nyloc nuts
- (2) ¼” ID, 1” OD fender washers
- (1) 70mm spacer
- (1) 75mm spacer

Additionally included in **long center only kit:**

- + (4) Rectangular plates
- + (4) 15mm spacers
- + (4) M6-1.0 x 30mm bolts
- + (6) M6-1.0 nyloc nuts

Included in Short Entire Version Kit:

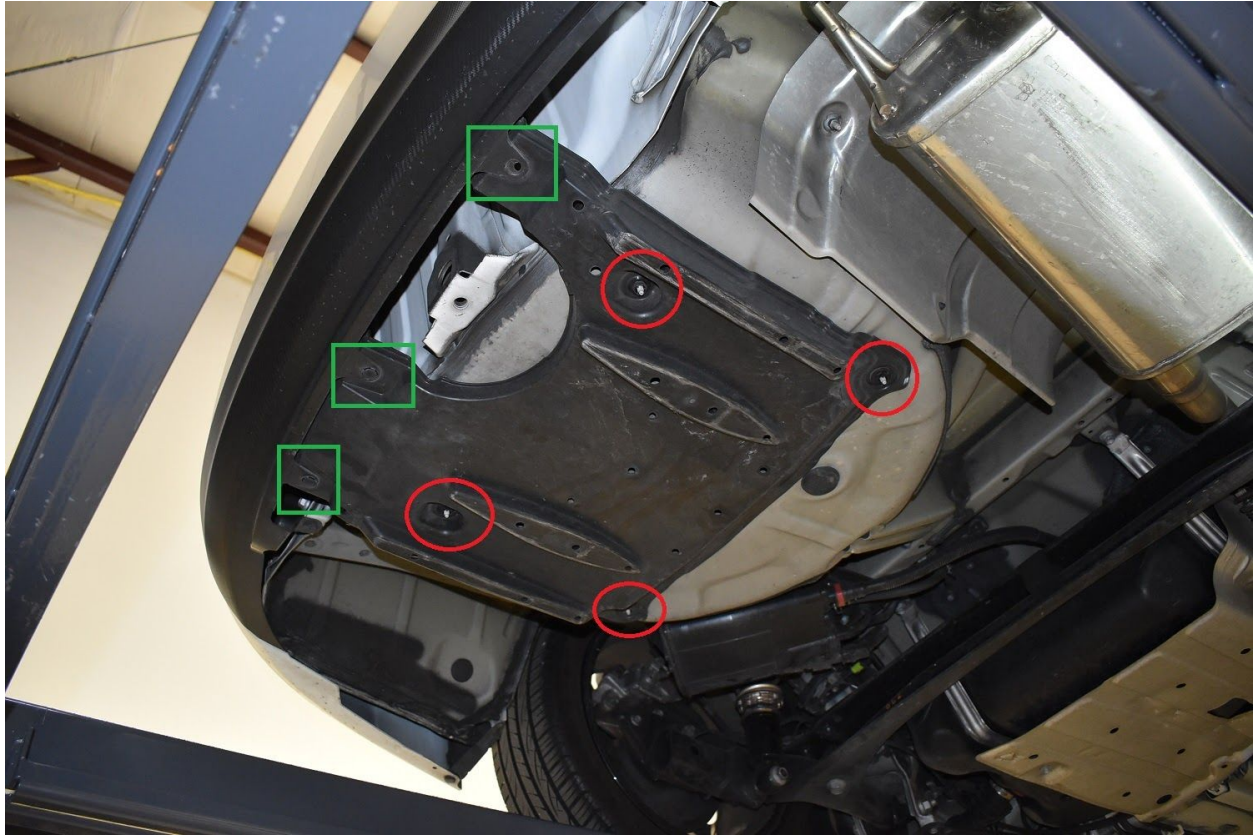
- (1) Center Diffuser
- (2) Outer Diffuser Pieces
- (4) Rectangular plates
- (4) 15mm spacers
- (13) M6-1.0 x 12mm bolts
- (4) M6-1.0 x 30mm bolts
- (2) M6-1.0 x 90mm bolts
- (1) 70mm spacer
- (1) 75mm spacer
- (21) M6-1.0 nyloc nuts
- (2) ¼” ID, 1” OD fender washers

Additionally included in **long entire diffuser version kit:**

- + (4) Rectangular plates
- + (4) 15mm spacers
- + (4) M6-1.0 x 30mm bolts
- + (12) M6-1.0 nyloc nuts
- + (6) M6-1.0 x 12mm bolts

Steps:

- 1.) Raise the car and secure with jack stands.
- 2.) Remove the rear plastic piece held on by 4 plastic nuts (circled in red) and 3 clips (boxed in green) and store it away. You will no longer be needing it. (4 pictures)

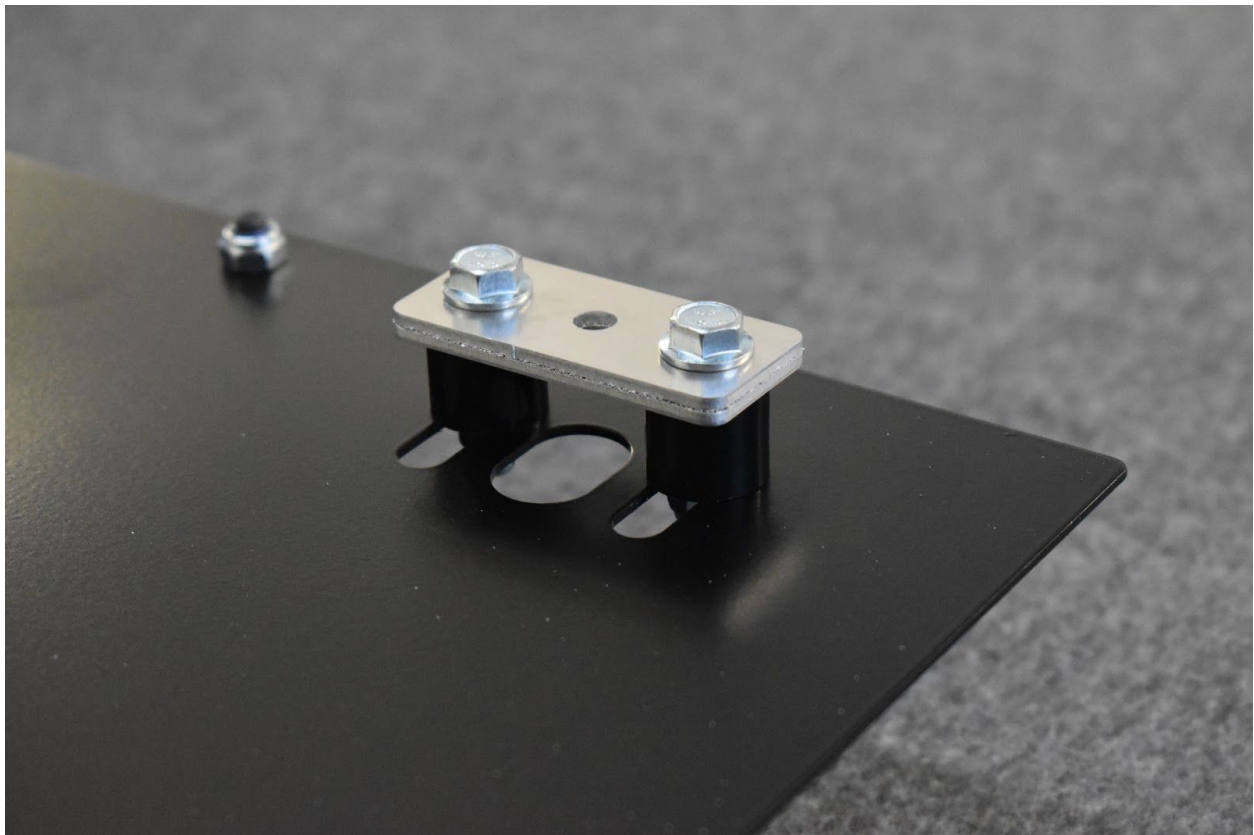
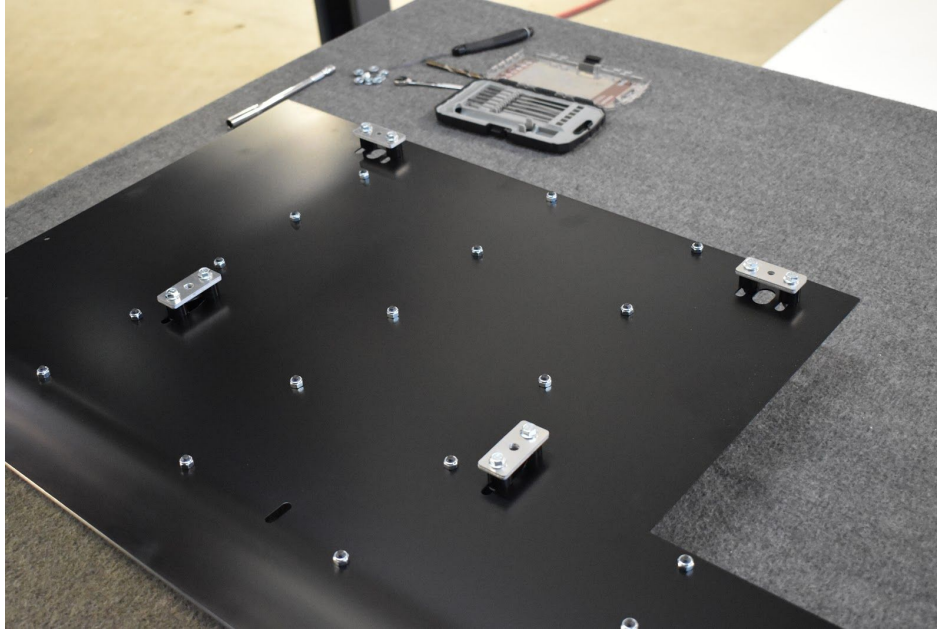


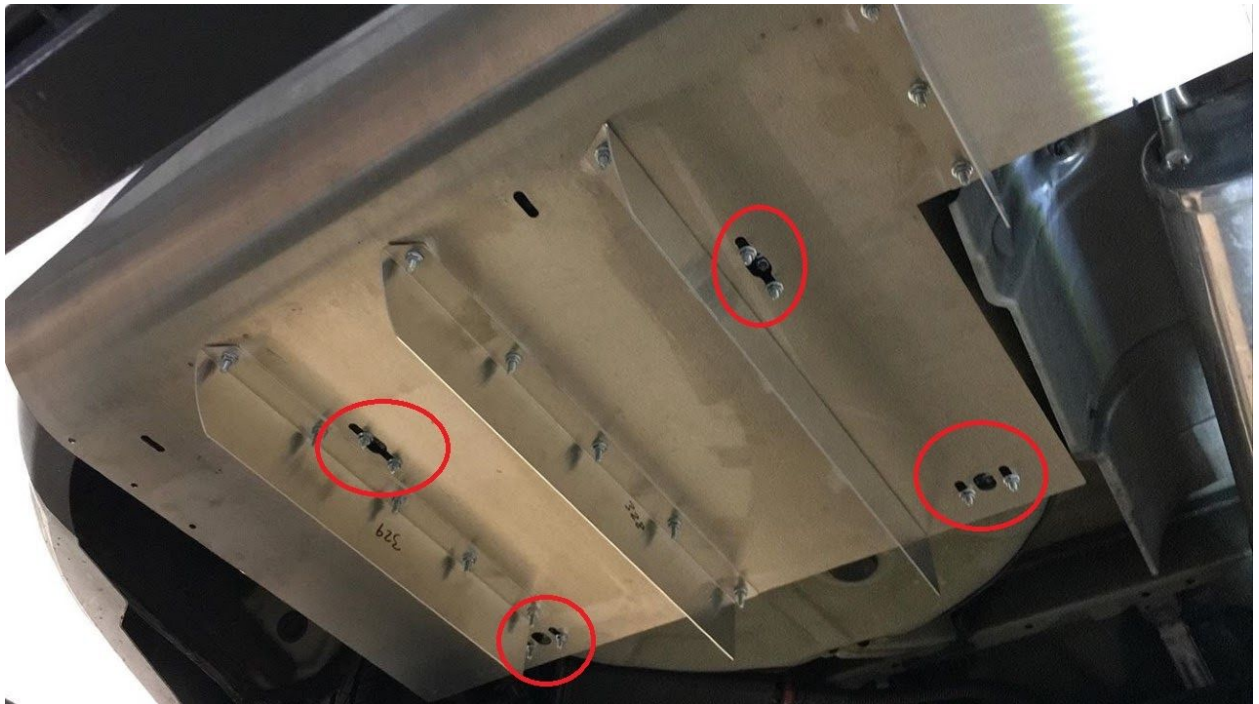
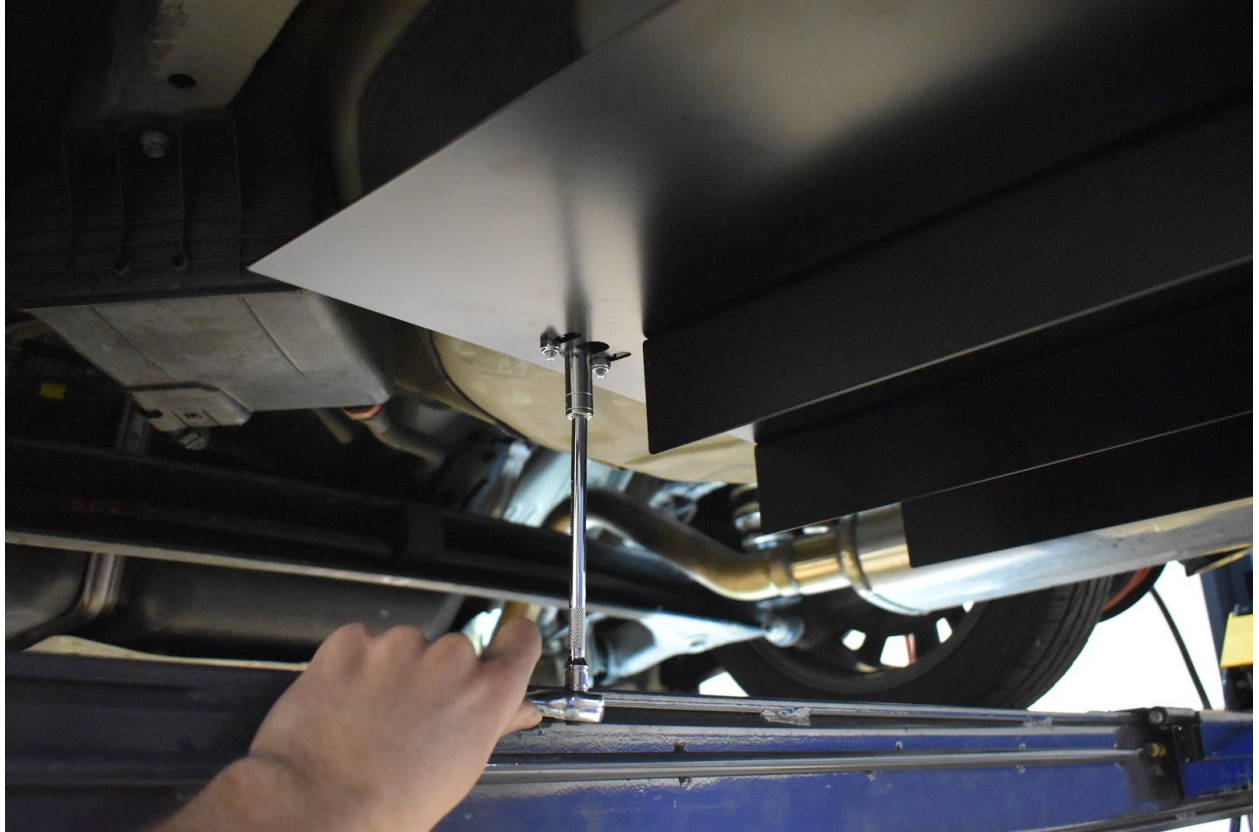


2.) Identify and remove the 2 clips circled in red. (2 pictures)

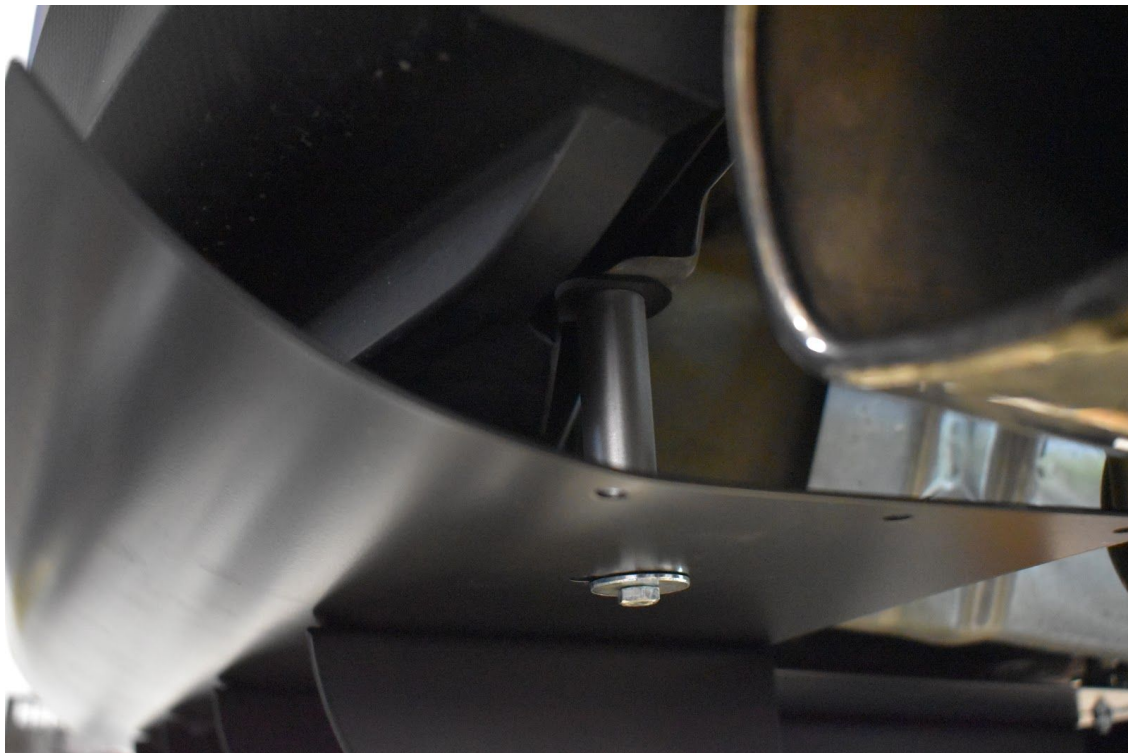
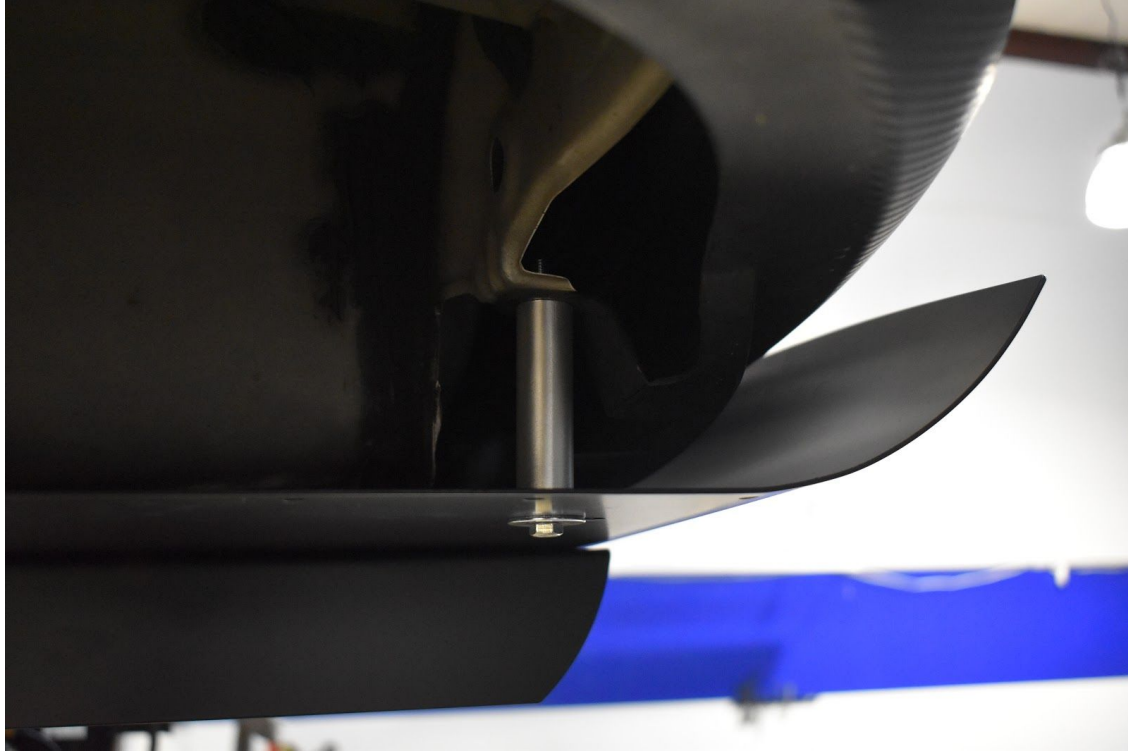


3.) Install your center diffuser into the threads exposed from step 1. Use M6-1.0 nyloc nuts to secure it tightly - a long 10mm socket works best for the job. We assembled the rectangular brackets for you, but feel free to adjust them if necessary. Short diffusers only use the rear two threads, long diffusers use all four. (4 pictures)





4.) Remember the two clips removed from step 2? Install the M6-1.0 x 90mm bolts through the holes pointing upward. Use the 1" OD fender washers on bottom, and nyloc nuts on top. Be sure to use the 70mm spacer on the driver's side, and 75mm spacer on the passenger side. Tighten securely.





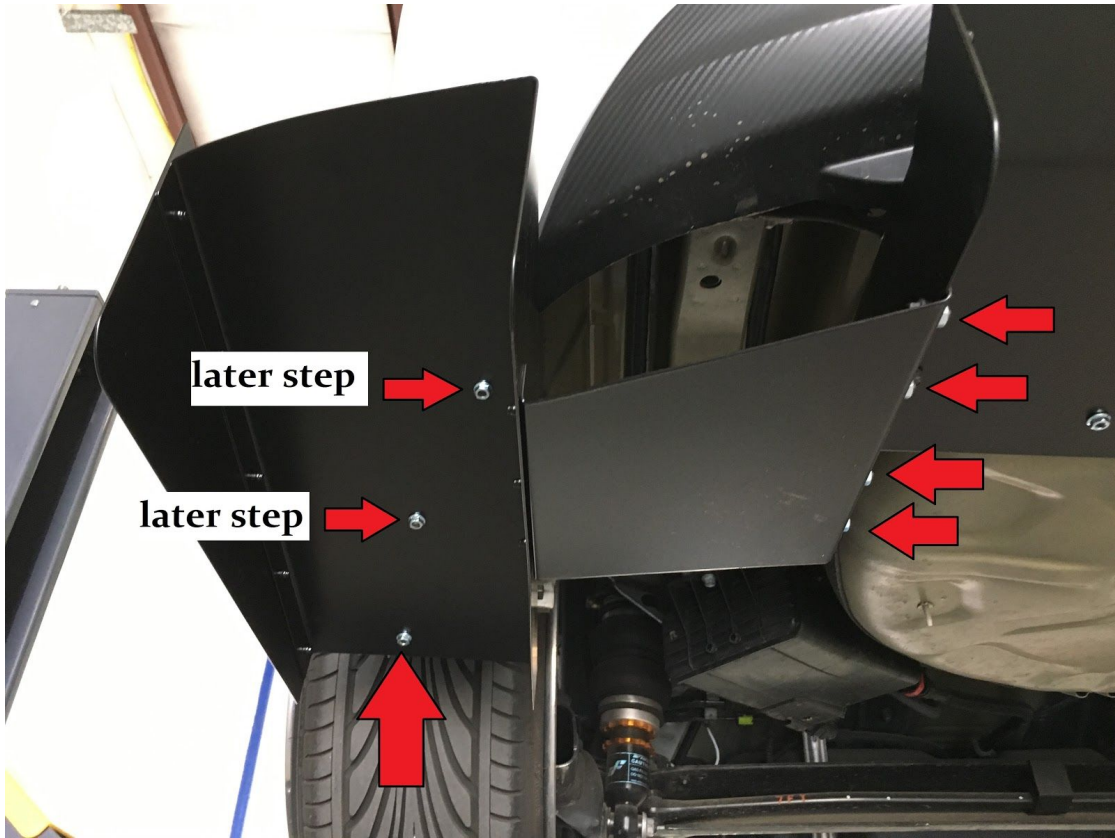
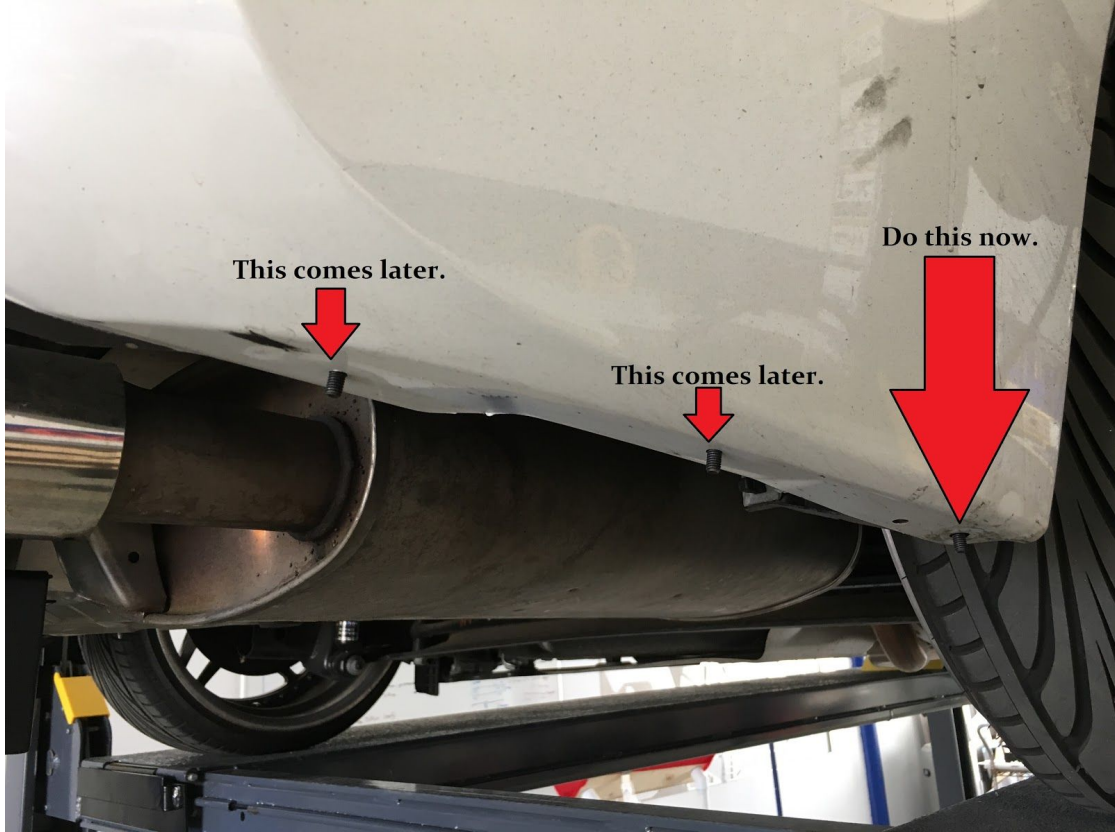
5.) If you purchased the entire diffuser move onto the next step. If you purchased only the center diffuser then congratulations you are done!!! Enjoy your new FS Performance Engineering aero! Tag us & use #FSPerformanceEngineering in the online world!!

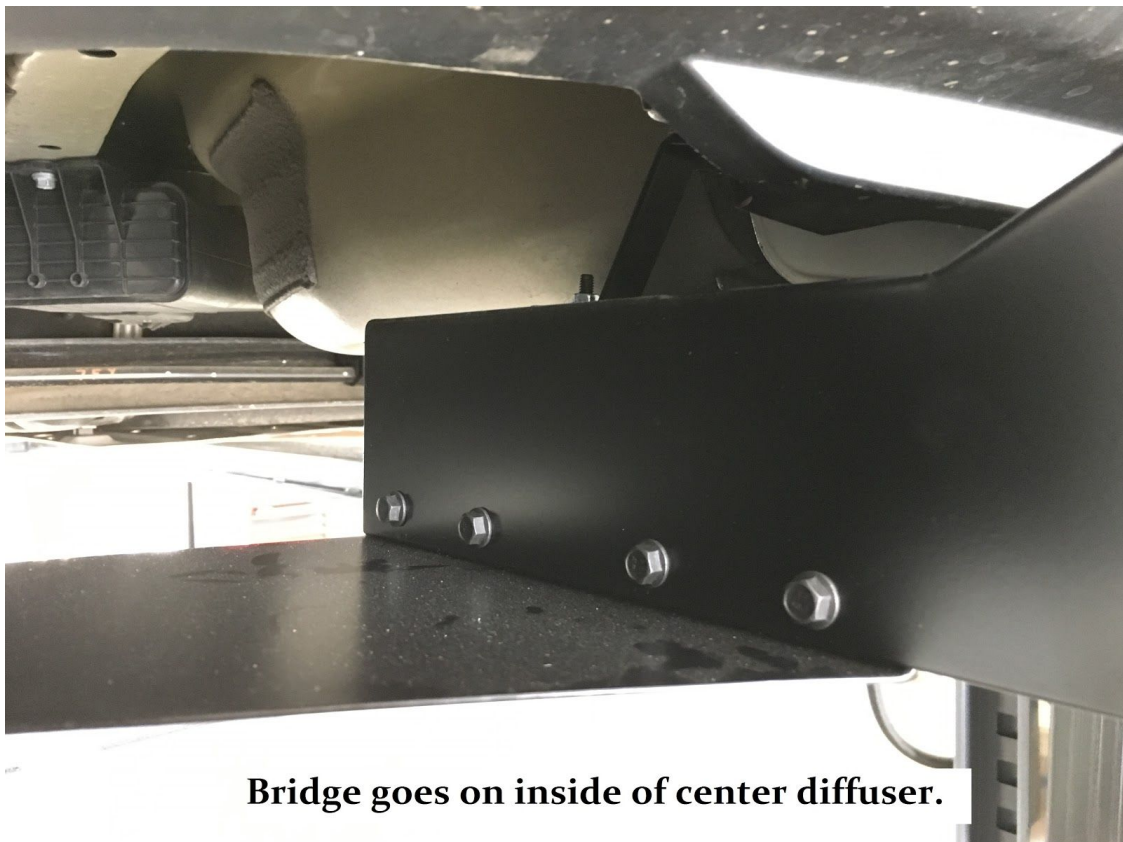
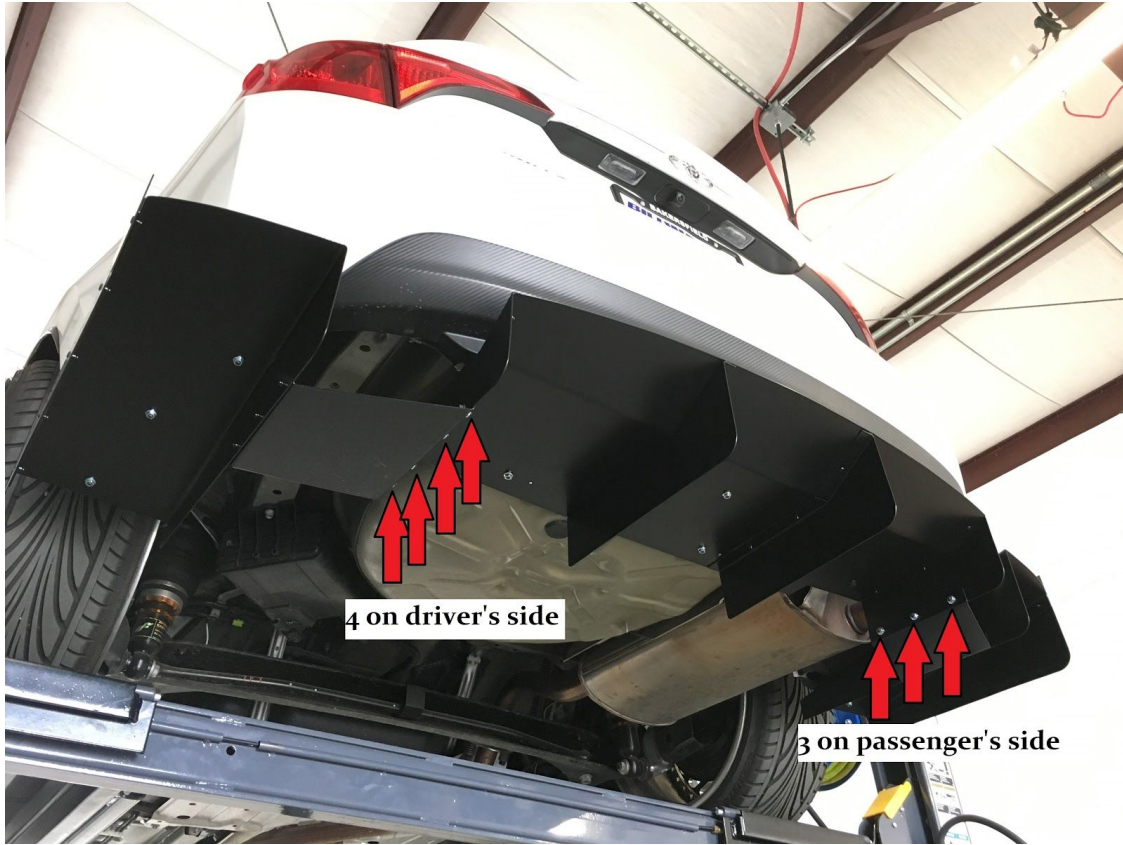
For questions email costas@fspeinc.com or jim@fspeinc.com
Or call/text us at (661) 809-0954

6.) Since you purchased the entire diffuser here is the next step. Identify and remove the clips closest to the tire on either side of the rear bumper. Use a flat head screwdriver or clip remover. (1 picture)



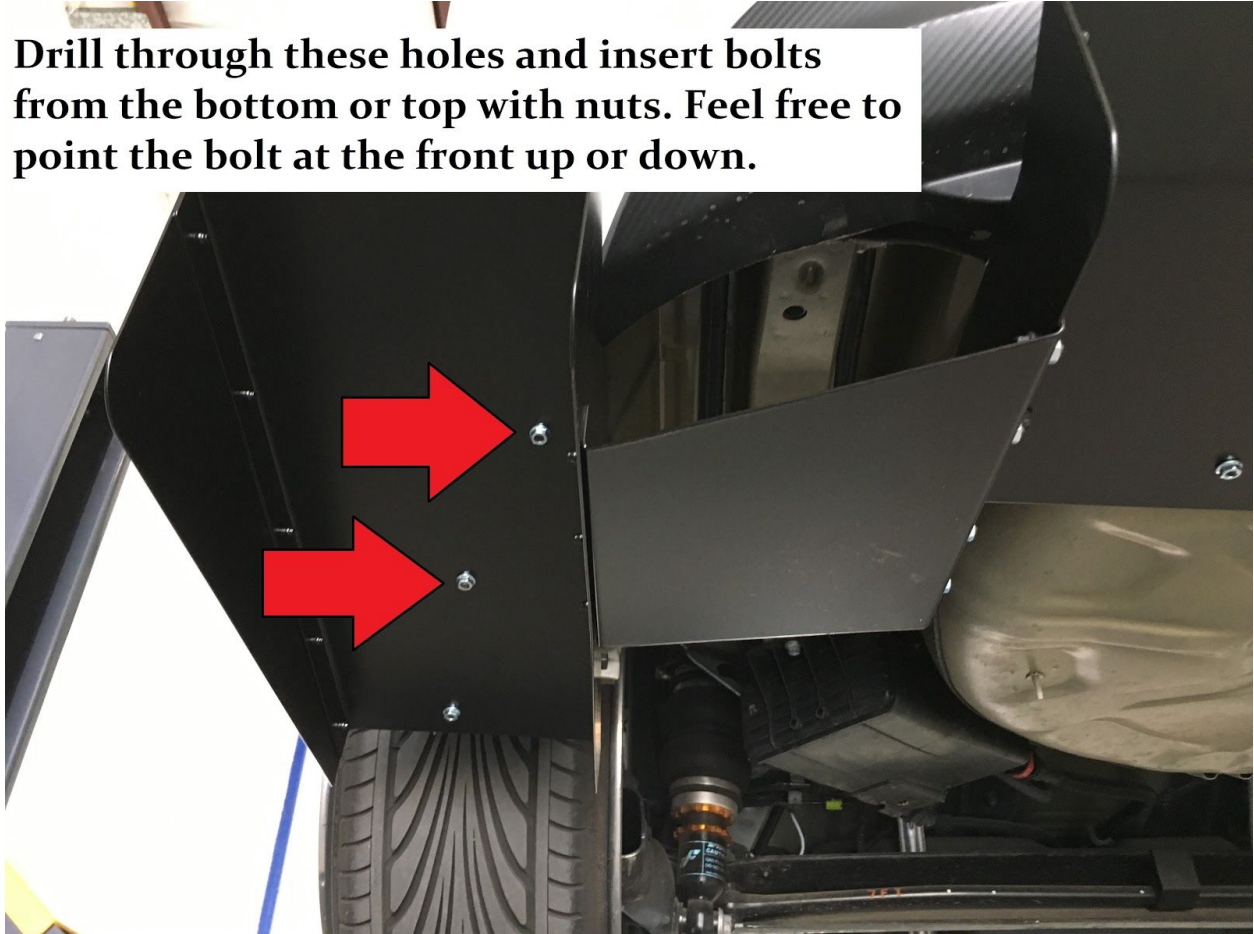
7.) Install the outer diffuser pieces. Short M6-1.0 x 12 mm bolts will be used for now on. Starting on either side of the car insert a short bolt pointing downward into the hole from the previous step. Loosely bolt up the outer pieces using this bolt and a M6 nyloc nut, and the bolts and nuts that connect the bridge to the center diffuser - short version shown. (4 pictures)





8.) You will now have two holes remaining on each outer piece. Position the outer piece where you would like it and push up on the piece. Drill into the bumper through the holes in the diffuser with your 1/4" drill bit and cordless drill. Install the remaining short bolts and nuts facing down or up (down preferred). (1 picture)

Drill through these holes and insert bolts from the bottom or top with nuts. Feel free to point the bolt at the front up or down.



9.) Install both outer pieces and then go through each bolt and nut throughout the entire installation and assure they are tightened.



10.) Enjoy your new FS Performance Engineering aero! Tag us & use #FSPerformanceEngineering in the online world!!



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