



## **FS Performance Engineering**

### **Ford Mustang (2010-2012) Rear Diffuser Fins Installation Instructions**

#### **Tools Needed:**

- 4mm or 5/32" allen wrench
- 7/16" wrench
- Masking tape
- Sharpie or pen
- Measuring tape (flexible recommended)
- Drill
- 1/4" drill bit
- Friend / helper

#### **Included in Kit:**

- (5) Fins
- (10) 1/4"-20 x 5/8" long SS countersunk bolts
- (10) 1/4" countersunk black washers
- (10) 1/4" small washers
- (10) 1/4"-20 nyloc nuts

**Steps:**

- 1.) Raise the rear of the car and secure with jack stands.
- 2.) Find the center of the rear valence. We used our flexible measuring tape. Place tape there and make a mark with your pen.

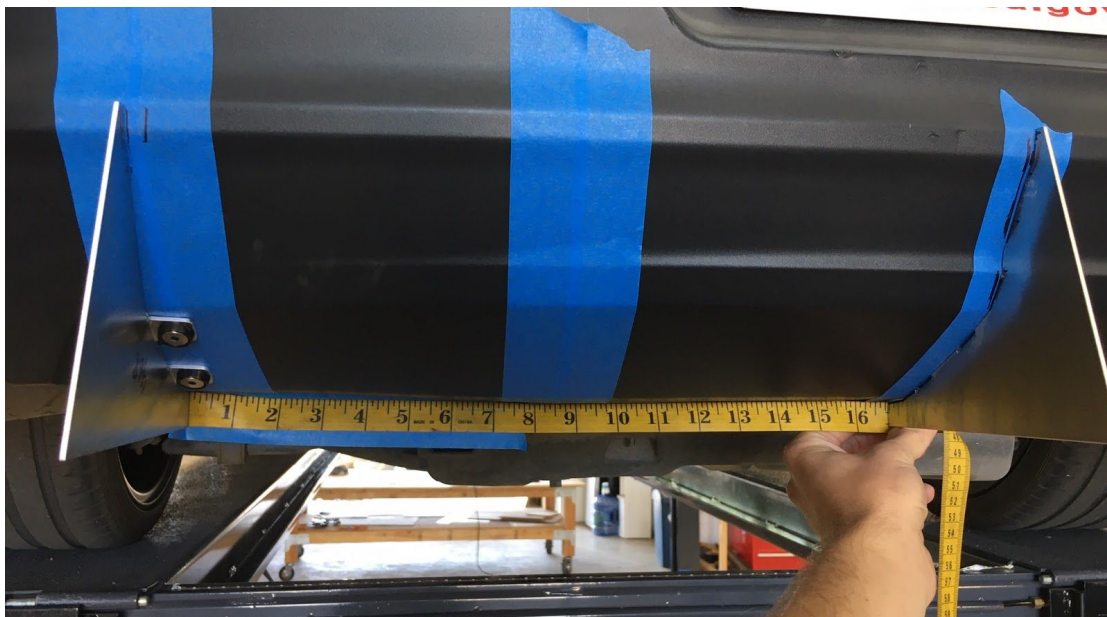


- 3.) Hold your center fin up to the car. This fin will be marked. With help from a friend hold the fin perfectly in parallel, or straight, with the car. Feel free to use the measuring tape to your advantage. Use your pen to mark through the holes onto the tape. Be sure the fin contours the rear valence as best as possible. See pics.



4.) Use your  $\frac{1}{4}$ " drill bit to make holes where you marked. Remove the tape. Then install your center fin with the countersunk bolts and washers on the outside, and  $\frac{1}{4}$ " small washers and nuts on the inside. Tighten securely.

5.) Now measure to the left and right of the center fin exactly  $16\frac{7}{8}$ " out and make marks. Place tape, align the outer fin **parallel with the car**, mark holes, drill, remove tape, and install!







6.) Find the center between the two fins on both sides of the car. It should be 8 and 7/16" from either fin. If it is not, find the center, mark, and follow the process described in the previous step to install the remaining fins.



7.) If you purchased edge trim, prep the edge with isopropyl alcohol before installing it.

8.) You are done!!! Enjoy your new FS Performance Engineering aero! Be sure to use #FSPerformanceEngineering in the online world.



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