



## **FS Performance Engineering**

### **Ford Focus SE (2015-2018) Front Splitter Installation Instructions**

*Professional Installation Always Recommended, Not Required*

#### **Tools Needed:**

- 10mm wrench
- 10mm socket
- Ratchet wrench
- T30 (torx) screwdriver
- Flat head screwdriver
- Friend/helper
- White vinyl for FSPE lettering
- 5/32" allen head screwdriver
- 7/16" wrench
- Oil for countersunk hardware threads
- If you have rods refer to the rod instructions

#### **What's Included:**

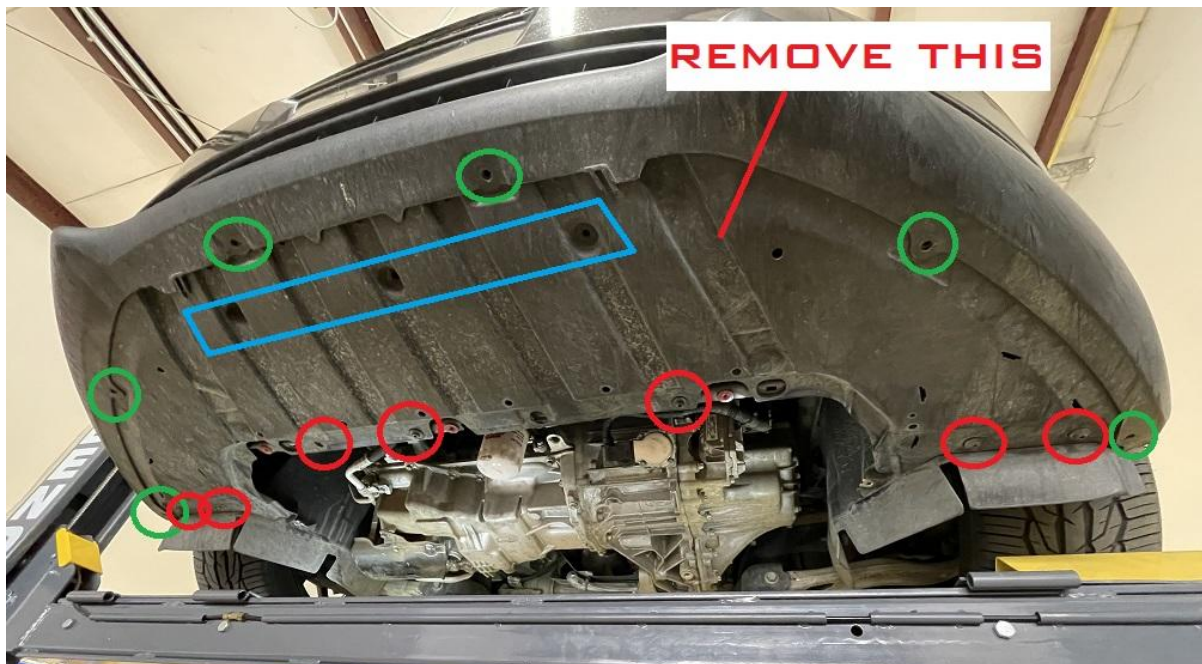
- (1) Top layer splitter
- (1) Center bottom layer
- (2) Outer bottom layers
- (2) Fins (left and right)
  
- (17) M6-1.0 x 20mm bolts
- (17) 1" OD fender washers
- (17) 1/4" small washers
- (17) M6 nyloc nuts
  
- (4) 1/4"-20 x 0.75" SS countersunk bolts
- (4) 1/4"-20 SS nyloc nuts
- (4) 1/4" countersunk washers
- (4) 1/4" SS small washers
  
- (1) Vinyl patch
  
- (1) Pair of 8.5-10.25" rods w/ hardware (if ordered)

**Steps:**

- 1.) Raise the front of the car and place it on jack stands. You need plenty of room under the car.
- 2.) Remove the OEM cloth-like splash tray that sits just under the engine/transmission. Use your T30 screwdriver to remove the screws.



- 3.) Remove the undertray that sits on the bumper and aluminum rail. This undertray will be entirely replaced by the splitter. There are 6 popclips circled in green, and 7 T30 screws circled in red. There might be 3 more screws/popclips where the blue square is (ours were missing).



4.) Using two T30 screws temporarily install the top layer splitter into 2 spots in the aluminum rail that holds the red plastic speed nuts. I recommend assuring the splitter is face up by looking at the logo at the front.



5.) If you have splitter rods you can now identify where you'd like them on the bumper. Locate a couple different spots on the outside of the bumper where they might look good, and will properly reach the splitter. You will need to assure there is nothing behind those spots. You must install the rods onto the bumper before actually installing the splitter. **REMEMBER THIS BEFORE FINAL INSTALL!!** Use the splitter rod instructions for additional help. Here's where we put our rods.



6.) While the splitter is still attached you need to drill through the bumper where holes are not already present.

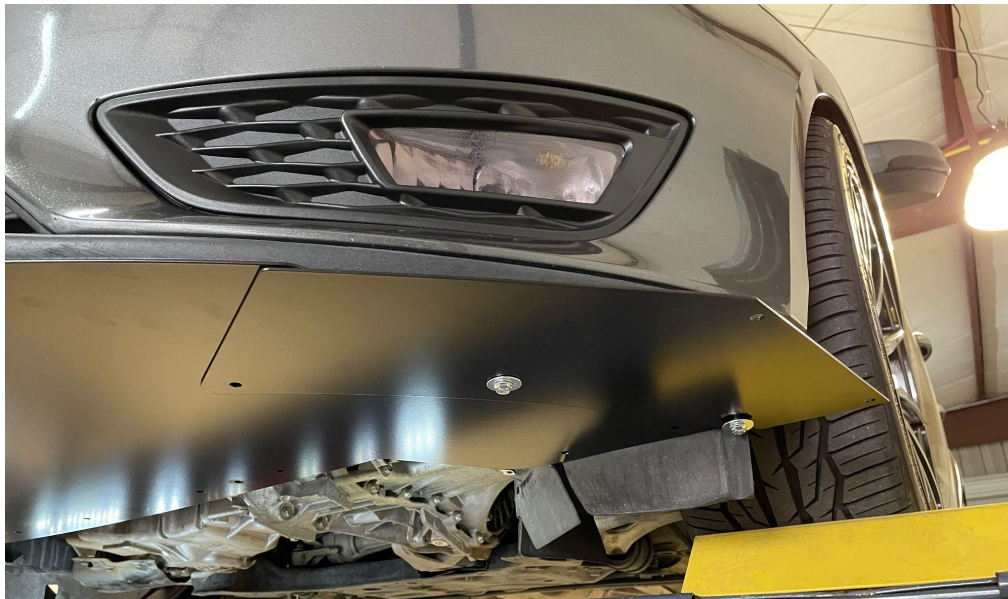




7.) With help from a friend you can now loosely install your splitter - you will likely need to remove the screws that temporarily held on the splitter. To install you need to use M6-1.0 x 20mm bolts with the larger washers on bottom, and smaller washers on top. Use nyloc nuts.

\*The splitter has 2 layers. The 3 smaller pieces sit underneath the larger top layer using common bolt holes. If the center bottom layer doesn't already have vinyl on it to shine through the FSPE in the top layer, apply the vinyl before installing. Once the pieces are on, securely tighten.

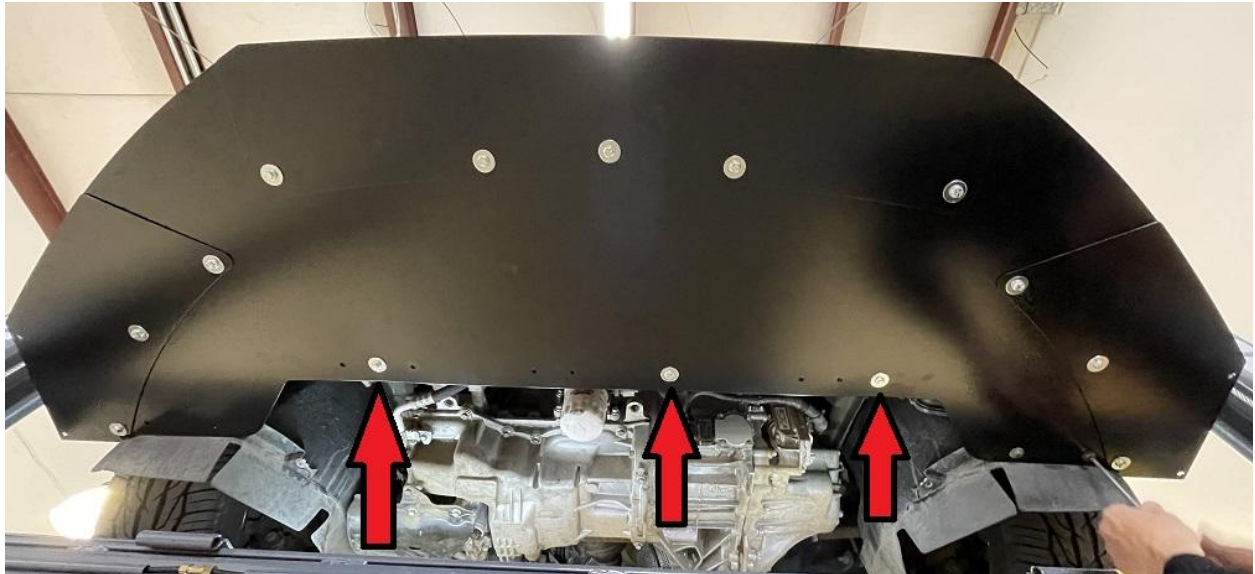
OUTER PIECE EXAMPLE (only 2 bolts were loosely installed, do all 3):



ALL 3 BOTTOM LAYER PIECES:



8.) Now, you need to remove all of the red clips in the aluminum rail (splitter locations are shown below, all must be removed). Then you can use the same nut/washer/bolt combo in the last step to install the splitter onto the aluminum rail. Securely tighten.



Here's what the clips look like. We used our fingers to pinch them out.



Here's what the splitter bolts look like once installed: Remember to remove all red clips.



9.) Now install OEM T30 screws into the 2 holes on each side that hold the fender well. Use the longer of the screws that you pulled out if there are varying lengths.



10.) Reinstall the splash tray. Use the same nut/washer/bolt combo for the front 3 (pass through the splitter as well), and OEM screws for the remainder of the holes.



11.) Install your splitter rods into the splitter.



12.) Install your flares using the countersunk hardware. Use oil on the threads when tightening.







13.) Install your edge trim if you have any. Prep the edge with isopropyl alcohol. Use a little heat to form the trim around the curves on the splitter.



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

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