



FS Performance Engineering

Kia Forte (2017-2018) Stacked Front Splitter Installation Instructions

Tools Needed:

- 10mm wrench
- 10mm socket
- Ratchet wrench
- Flat head screwdriver
- Drill
- 1/4" drill bit
- Measuring tape & ruler
- Marker
- If you got splitter rods you need tools shown on splitter rods install instructions.
- Isopropyl alcohol if you have edge trim.
- 5/32" allen head wrench
- 7/16" wrench
- Oil

Included in Kit:

- (1) Center splitter piece
- (2) Outer splitter pieces
- (2) Winglets (left and right)
- (3) M6 Whiz Nuts

- (8) 1/4" ID, 1" OD washers
- (15) 1/4" small washers
- (13) M6-1.0 x 20mm bolts
- (2) M6-1.0 x 40mm bolts
- (15) M6 nyloc nuts
- (2) 20mm spacers

- (1) Pair of 8.5-10.25" rods w/ hardware (if ordered)

For winglets:

- (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

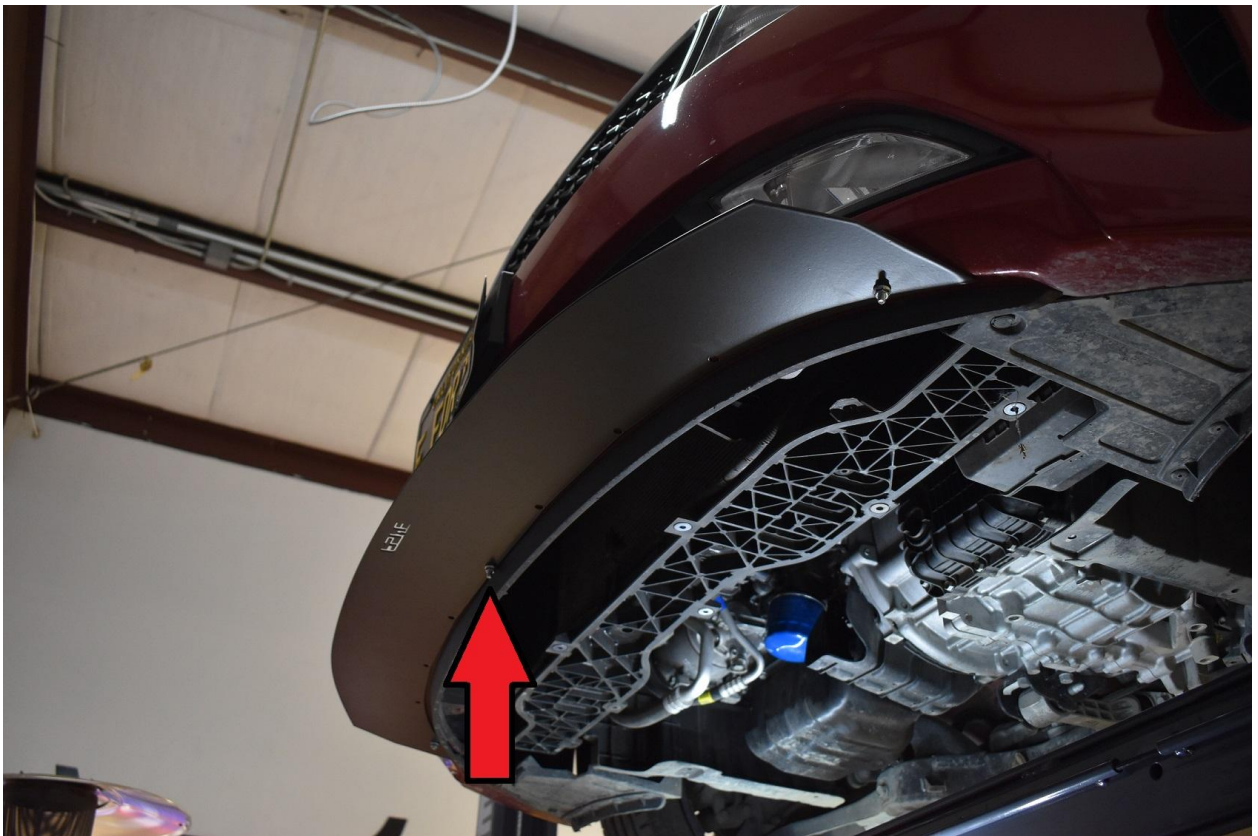


Steps:

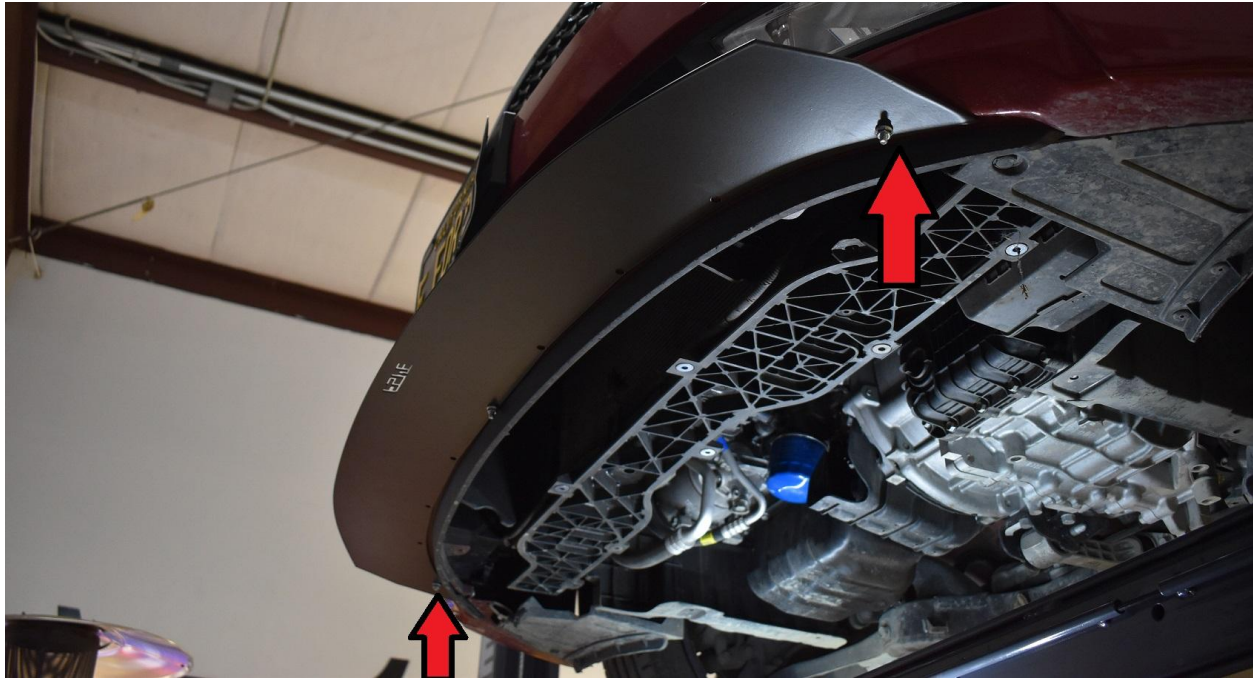
- 1.) Raise the front of your Kia and place it on jackstands. Some room underneath is necessary.
- 2.) Remove the skid plate. It's held on with bolts and pop clips. You will need to use a 10mm socket/ratchet wrench and flat head screwdriver.



3.) Located the center of the bumper. Feel free to use the center splitter piece and measuring tape as guides. Drill a $\frac{1}{4}$ " hole $\frac{3}{8}$ " in front of the black strip. Then drop a M6-1.0 x 20mm bolt down through. The center splitter can be attached now with a M6 whiz nut.



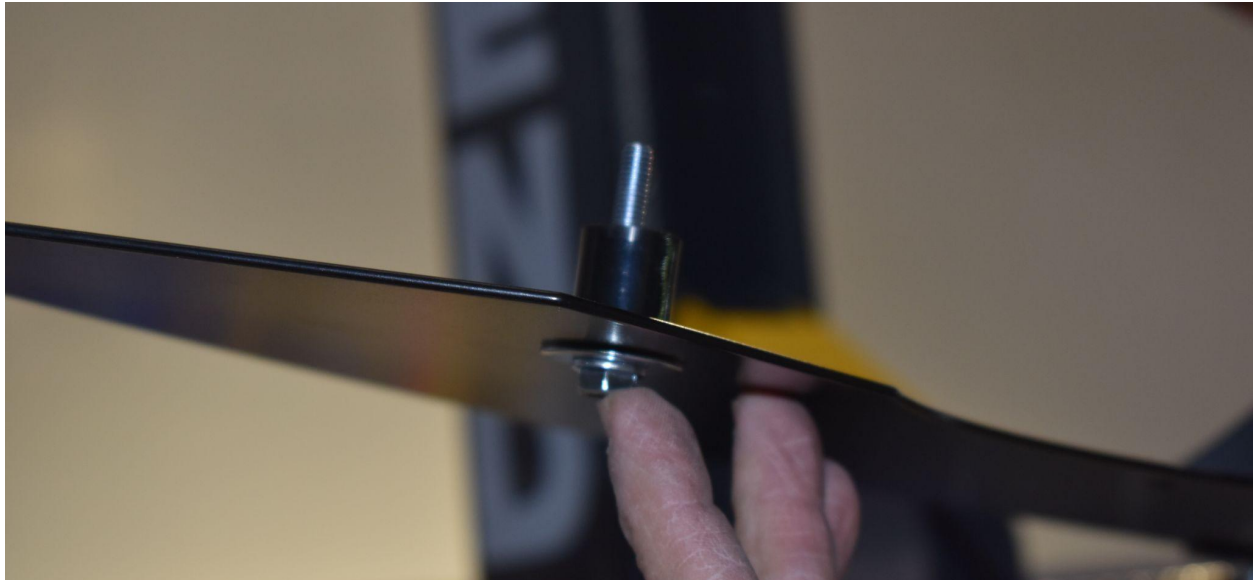
4.) Align the center splitter piece on the left and right sides assuring the gap from the black trim is the same. Drill through the splitter holes into the bumper. Then drop M6-1.0 x 20mm bolts down from the top and attach the outer edges of the center splitter piece to the bumper.



5.) You can now drill through the remaining holes in the center splitter piece. Remove the center bolt. Then install M6-1.0 x 20mm bolts UPWARD with ¼" small washers and M6 nyloc nuts on top. After that, remove the outer two M6-1.0 x 20mm bolts / whiznuts so the outer holes are empty.



6.) You now can install your outer splitter pieces. They are symmetrical and use the same bolt hole as the center splitter piece outer holes. Use M6-1.0 x 40mm bolts with 1" washers on bottom, a 20mm spacer between the splitter pieces, and 1/4" small washer + M6 nyloc nut on top!



7.) Rotate the outer pieces so they are flush with the inner fender. Then mark through the 3 holes in the outer splitter pieces on each side. Rotate the outer splitter pieces out of the way, and drill up through the bumper.



8.) To gain access above remove the pop clip that holds the outer plastic pieces under the bumper. Then install the outer splitter pieces onto the car using M6-1.0 x 20mm bolts pointing upward, 1" washers on bottom, and 1/4" small washers + M6 nyloc nuts on top. Tighten securely.



9.) Install your winglets with the provided countersunk hardware. USE OIL on the threads when installing and/or removing or you will regret it.



10.) Install your splitter rods if you haven't already. Use the provided rod installation tips for proper installation.



11.) Reinstall your pop clips and skid plate.



12.) If you have edge trim, prep the surface edges with isopropyl alcohol and apply the trim. Use a heat gun or hair dryer if you need to form the edges around corners.





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



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Or call/text us at (661) 809-0954