



FS Performance Engineering
Kia Forte (2014-2018) Side Skirts Installation Instructions

Tools Needed:

- 10mm wrench
- 10mm socket
- Ratchet wrench
- Extension
- Flat head screwdriver or clip remover
- Drill
- 1/4" drill bit
- Measuring tape & ruler
- Marker
- Isopropyl alcohol if you have edge trim.
- 5/32" allen head wrench
- 7/16" wrench
- Oil
- Masking tape

Included in Kit:

- (2) 3-Piece Side Skirts
- (2) Winglets

- (24) M6-1.0 x 20mm bolts
- (2) M6-1.0 x 40mm bolts
- (2) 15mm spacers
- (26) M6 nyloc nuts
- (1) M6 Whiznut

For winglets:

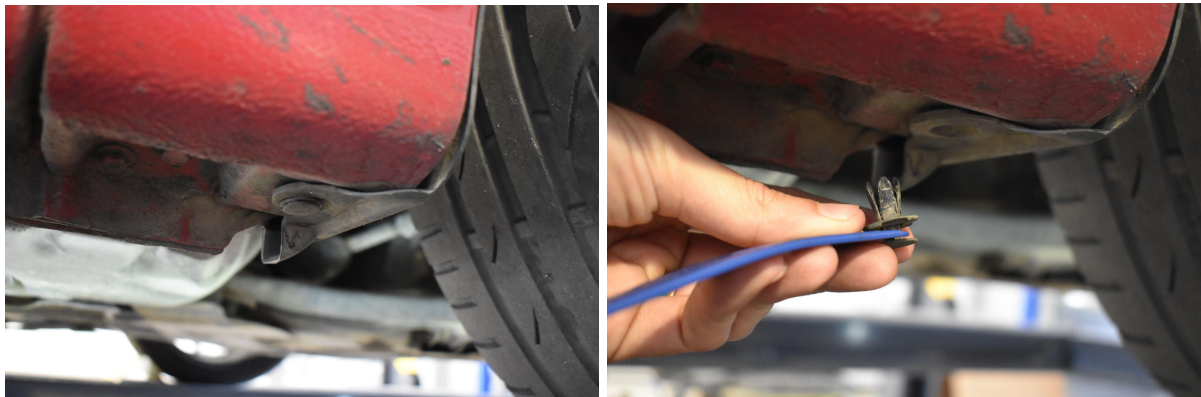
- (4) 1/4"-20 x 0.75" SS countersunk bolts
- (4) 1/4"-20 SS nyloc nuts
- (4) 1/4" countersunk washers
- (4) 1/4" SS small washers

Steps:

- 1.) We recommend lifting your Kia and placing it on elevated tire stands so you have better access to the jack point rails.
- 2.) Starting on one side of the car remove the Phillip's head screw at the front of the OEM rocker panel. Feel free to turn the wheel if necessary to gain better access.



- 3.) Remove the pop clip found just under the front of the rocker panel.



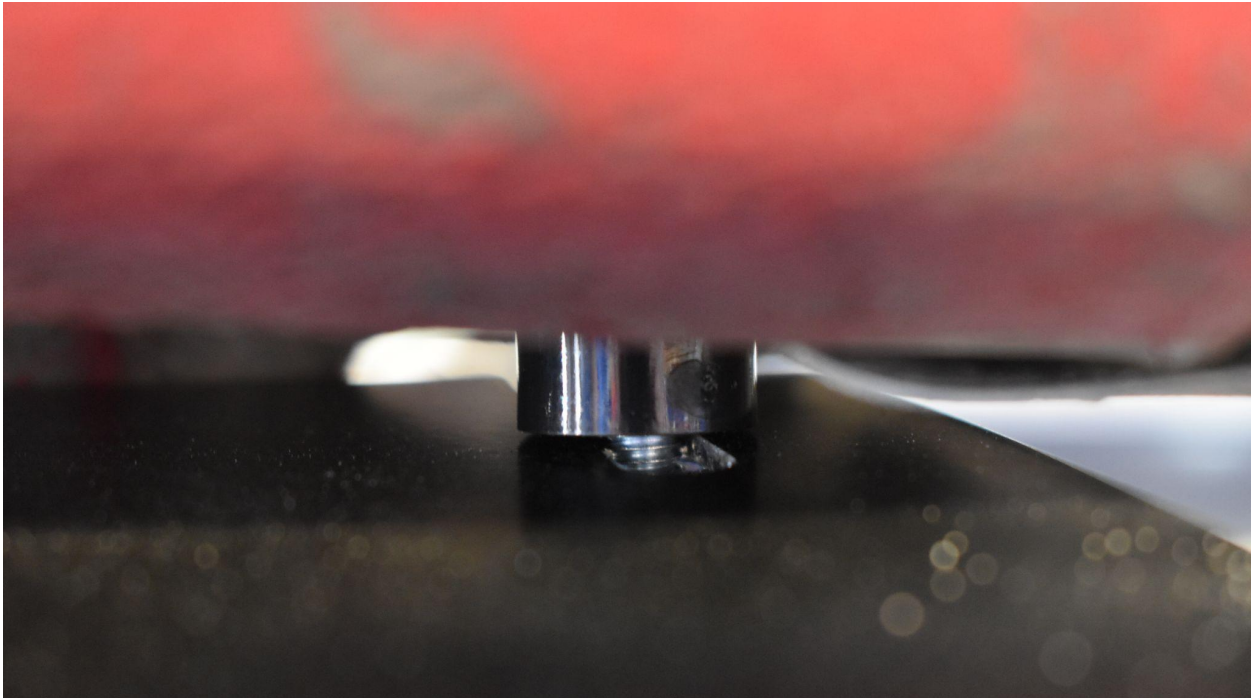
4.) Remove the clip that the screw from step 2 was in. This pulls outward and needs to be squeezed together to come out.



5.) Reach in and drop a M6-1.0 x 40mm bolt (with a 1" OD washer under the head) through the hole in the car and plastic. This might be tricky.



6.) Slip a 15mm spacer over the threads and slip the bolt through your front side skirt piece. The 90 degree bend on the piece should be pointed upward. Use a M6 whiznut to hold the piece up.





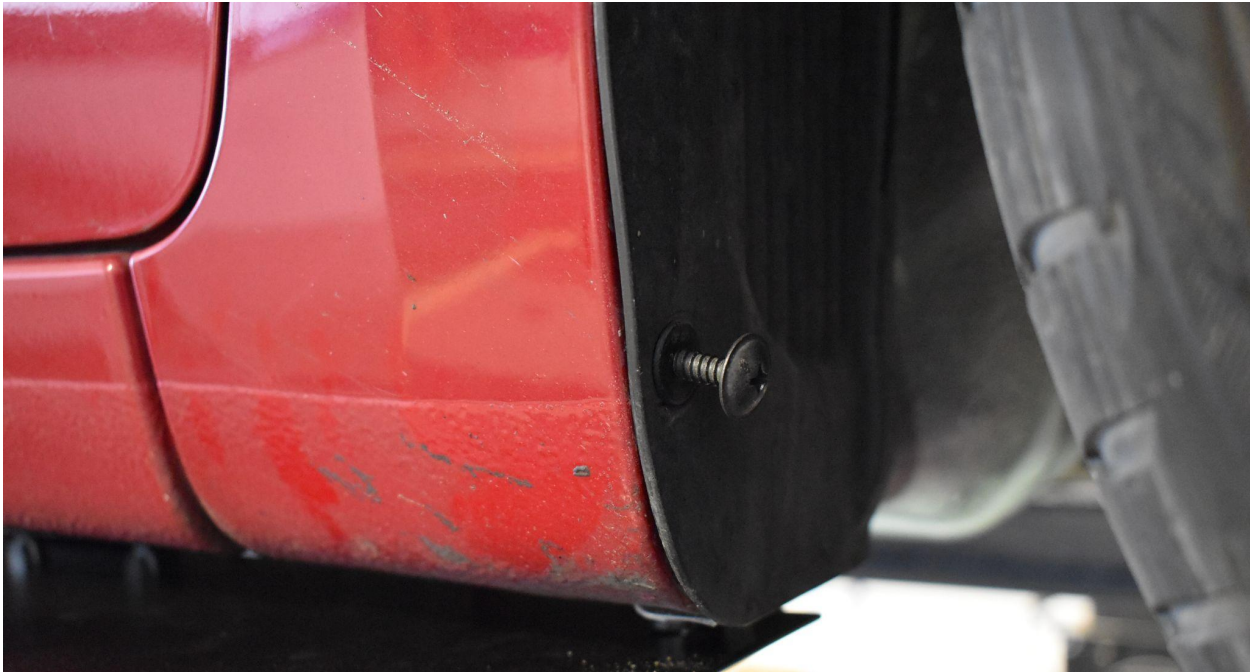
7.) Level the piece and mark through the holes in the side skirt piece onto the jack point rail. Assure the bottom of the side skirt piece is above the bottom of the rail so you can still jack up the car. Then remove the piece and use a ¼” drill to drill through the holes just marked in the rail.



8.) You can now install the front side skirt piece. Use a M6 nyloc nut this time at the front. Use a 10mm wrench to hold the bolt on top. Then install M6-1.0 x 20mm bolts and nyloc nuts into the holes made in the jack point rail.



9.) Reinstall the clip and screw just behind the front tire into the fender well.



10.) Move to the back of the car. Place tape on the rear jack point rail. Then hold the rear piece up to the car w/ the tabs pointing upward. Adjust it so the back edge of it sits flush with the fender well. Mark the holes onto the jack point rail. (ignore the winglet at this time, it gets installed later). Remove the side skirt piece and drill $\frac{1}{4}$ " holes where marked. Remove the tape.



11.) Install your rear side skirt piece using M6-1.0 x 20mm bolts and M6 nyloc nuts.



12.) Place masking tape on the rest of the jack point rail. Hold the center side skirt piece against the jack point rail with tabs upward. Adjust it forward/back where desired. Mark the holes through the piece onto the jack point rail. Drill holes where the marks are (don't drill too close to the bottom edge).



13.) Use M6-1.0 x 20mm bolts and nyloc nuts to install the center side skirt extension securely.



14.) Install your winglet using the countersunk hardware. Use oil on the threads when installing.





15.) Repeat these steps on the opposite side of the car.

16.) 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.



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



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