



FS Performance Engineering
Kia Stinger (2018+) Spoiler Extension Installation Instructions

Tools Needed:

- small drill bit (like an 1/8")
- 25/64" Drill bit
- Drill
- Threaded rivnut tool with M6 Mandrel
- Blue masking tape
- Sharpie/marker/pen
- Helper/friend (hopefully not a tool)
- Flexible measuring tape/long ruler
- Cleaning solution and rag
- 4mm or 5/32" allen wrench

Included in Kit:

- (1) Spoiler extension w/ pre-applied double sided tape
- (10) M6 Rivnuts (extra provided just in case)
- (7) M6-1.0 x 20mm countersunk stainless steel bolts
- (7) M6 black countersunk washers

Steps:

- 1.) Begin by cleaning the underside of your OEM spoiler/trunk.
- 2.) Place blue tape along the entire underside of the OEM spoiler/trunk.



- 3.) Find the center and mark the underside of the OEM spoiler/trunk with your measuring tape.





4.) With help from a friend hold your spoiler extension up against the underside of your OEM spoiler/trunk. Align the center hole with the mark you made in the center. Then position the spoiler extension under the OEM spoiler/trunk so the spoiler extension does not touch the rear taillights. Mark the center hole of the extension onto the tape.

→ CHECK THE LEFT AND RIGHT SIDES TO MAKE SURE THERE IS NO CONTACT WITH REAR TAIL LIGHTS.

→ ALSO MAKE SURE THE SPOILER EXTENSION IS INDEED CENTERED BY CHECKING THE LEFT AND RIGHT SIDES OF THE EXTENSION AGAINST THE CAR.



5.) Use your small drill bit (we used $\frac{1}{8}$ "") to drill into the OEM spoiler/trunk. Then use your $\frac{25}{64}$ " drill bit.



6.) Remove the tape around that hole and install your rivnut. If you don't know how to use a rivnut tool, check online sources. We used a rivnut tool from Hanson Rivet.



7.) Install your spoiler extension onto the center rivnut using a countersunk bolt and washer.



8.) Hold the spoiler extension steady and up against the OEM spoiler/trunk ensuring it is even on both sides. Mark the remaining holes.



9.) Remove the spoiler extension, drill the holes $\frac{1}{8}$ " , then $\frac{25}{64}$ " , then install rivnuts into each hole.







10.) Use a cleaning solution (like isopropyl alcohol) to clean between the rivnuts on the OEM spoiler/trunk.

→ Remove the film on the double sided tape and install the spoiler extension onto the OEM spoiler/trunk. Use the countersunk bolts and washers. We left each bolt loose so the spoiler extension hung a tad to ensure all bolts lined up, then pushed upward so the tape stuck to the underside of the OEM spoiler/trunk.

→ The bolts do not need to be overly tight. Just enough so the spoiler extension sits fully against the OEM spoiler/trunk.



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



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