



FS Performance Engineering

Dodge Charger 2015+ GEN 7 (LD) Splitter Installation Instructions

Tools Needed:

- Phillip's head screwdriver
- Flat head screwdriver OR pop clip remover
- 7mm socket or wrench
- 10mm socket AND wrench
- Ratchet wrench
- Drill
- 1/4" drill bit
- Masking tape
- Pencil or small diameter pen

If you ordered rods:

- 7/16" wrench
- 1/2" wrench
- 3/4" wrench
- 3/16" allen wrench
- 5/16" drill bit

Included in Kit:

- (1) Top layer splitter
- (3) Bottom 2nd layer pieces
- (2) Flares... a left and right\

Bag 1:

- (8) 1-1/8" body screws

Bag 2:

- (12) M6-1.0 x 20mm hex flange bolts
- (2) M6-1.0 x 12mm hex flange bolts

Bag 3:

- (14) M6-1.0 nyloc nuts
- (14) 1/4" small washers
- (14) 1/4" ID, 1" OD fender washers

Bag 4:

- (4) M6-1.0 x 16mm countersunk bolts
- (4) M6 black countersunk washers

If you ordered rods:

- (1) Pair of rods 10.25-12"
- (2) Hex head 5/16"-18 x 0.75" Stainless bolts
- (2) Allen head 5/16"-18 x 0.75" Stainless bolts
- (2) 5/16" ID, 1.25" OD stainless steel washers
- (1) Blue loctite
- (1) Rod installation guide

Steps:

- 1.) Raise the front of the car and secure it with jack stands.
- 2.) If you have the colored protective (usually yellow, or pink) bumper guards please remove them. You'll be using the 4 holes where they're mounted. Remove the pop clips in those locations. There are 2 on each side. Use your flat head screwdriver or clip remover.



- 3.) Remove the 8 screws around the perimeter of the bumper & store them away, they are no longer needed. These screws hold the undertray onto the front bumper. Use your 7mm wrench.





4.) Install the top layer splitter (not the smaller bottom layer pieces) into those holes just exposed from step 3. Don't use the OEM screws. Use the supplied 1- $\frac{1}{8}$ " long body screws supplied in the kit.



5.) Use your drill and 1/4" drill bit to drill through the other holes in the splitter up into the car. 4 of the holes should line up with the holes exposed from step 2, so no need to drill through those. Ignore the random bolts we have in the picture :)



6.) SPLITTER RODS

→ If you purchased rods, it will be up to you to figure out where to mount your support rods. Please follow our provided tips. We recommend figuring out mounting points now, then installing them onto the car before mounting them onto the splitter. We provide hex bolts for the interior of the bumper for ease of installation.

7.) Remove the splitter. Then remove the undertrays all together. The front undertray has those 8 bolts around the front that we already removed previously, and 10 additional pop clips in various locations. The rear tray has four 10mm bolts. Please remember how everything goes back on. HERE IS HOW WE REMOVE THE CLIPS:



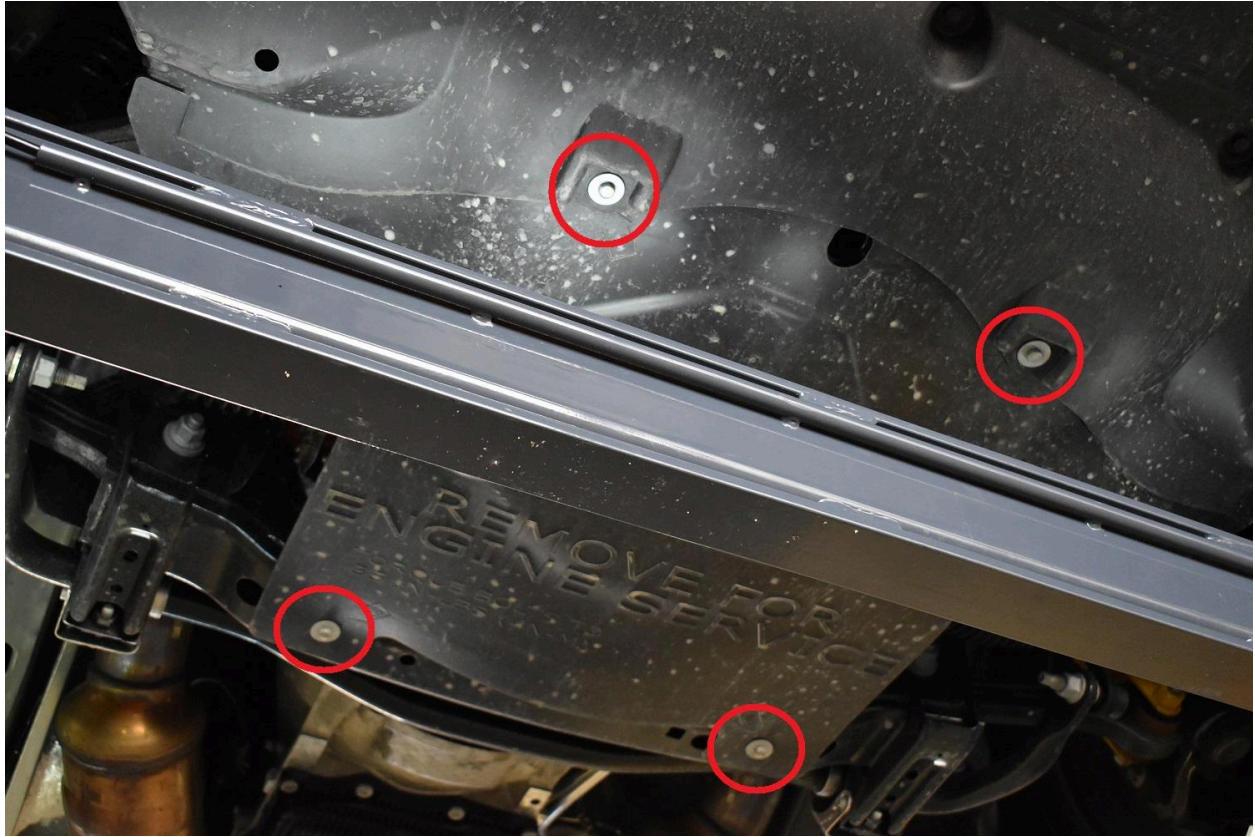
HERE ARE FOUR CLIPS FOR THE FRONT UNDERTRAY (they point upward)



HERE ARE THE 3 CLIPS ON EACH SIDE THAT NEED TO BE REMOVED (just in front of the wheels):



HERE ARE THE FOUR 10MM BOLTS:



TRAYS OFF:



8.) Splitter install. Install the splitter into the holes that you drilled, and the 4 holes from step 2. You want to leave the 8 holes from steps 3 and 4 open. Use M6-1.0 x 20mm bolts with 1" washers under the heads, and ¼" small washers and nyloc nuts on top. Securely tighten.

HERE'S THE CATCH:

→ Install the 2nd layer panels underneath at the same time. They simply stack. There is a left and right, as well as the center. It should look like the following picture.

→ Install a M6-1.0 x 16mm long bolt into the hole that is circled.



9.) Reinstall your under trays. The front under tray will be using the 1-½" long body screws into the remaining holes in the splitter. Make sure everything is securely tightened.





10.) If you have rods, install them into the splitter. You will need to drill 5/16" holes into the splitter. Follow the splitter rod installation guide to complete this task.

11.) Install your flares. Use the M6-1.0 x 16mm countersunk hardware, washers, and M6 nuts. This is straightforward.

12.) Apply edge trim if you have it. Use a heat gun on low to form around corners. Use isopropyl alcohol to clean the edges before applying the edge trim.

13.) 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