Step 1 Bronco Sport EVAP Skid & Sliders Install





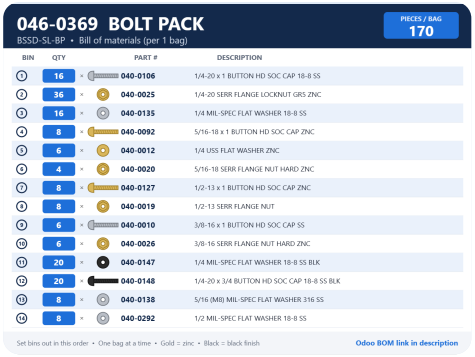
Step by step on how to install the Bronco Sport EVAP Skids and Sliders (21+). Please read all steps carefully before starting the install.

Installation Video: https://www.youtube.com/watch?v=60w9fmgQaEU

Questions or Support:
Phone: 269-353-1184
Email: info@jcroffroad.com

Step 2 Included Parts & Hardware





046-0369 BOLT PACK

BSSD-SL-BP • Bill of materials (per 1 bag)

PIECES / BAG 170

BIN	QTY	PART #	DESCRIPTION
1	16	040-0106	1/4-20 x 1 BUTTON HD SOC CAP 18-8 SS
2	36	040-0025	1/4-20 SERR FLANGE LOCKNUT GR5 ZNC
3	16	040-0135	1/4 MIL-SPEC FLAT WASHER 18-8 SS
4	8	040-0092	5/16-18 x 1 BUTTON HD SOC CAP ZNC
5	6	040-0012	1/4 USS FLAT WASHER ZNC
6	4	040-0020	5/16-18 SERR FLANGE NUT HARD ZNC
7	8	040-0127	1/2-13 x 1 BUTTON HD SOC CAP ZNC
8	8	040-0019	1/2-13 SERR FLANGE NUT
9	6	040-0010	3/8-16 x 1 BUTTON HD SOC CAP SS
10	6	040-0026	3/8-16 SERR FLANGE NUT HARD ZNC
11	20	040-0147	1/4 MIL-SPEC FLAT WASHER 18-8 SS BLK
12	20	040-0148	1/4-20 x 3/4 BUTTON HD SOC CAP 18-8 SS BLK
13	8	040-0138	5/16 (M8) MIL-SPEC FLAT WASHER 316 SS
14	8	040-0292	1/2 MIL-SPEC FLAT WASHER 18-8 SS

Set bins out in this order • One bag at a time • Gold = zinc • Black = black finish

Odoo BOM link in description

Check that you have all of the parts and hardware shown before starting. Hardware pack: 046-0369 (every bolt, nut and washer is listed in the bill of materials picture).

Step 3 Remove Underbody Liners

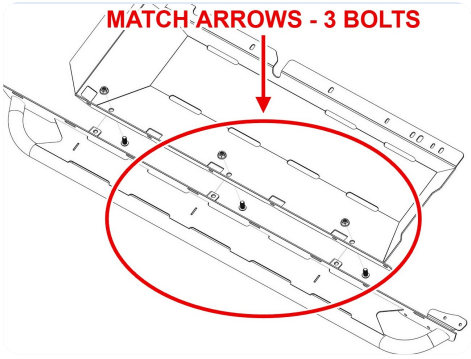


Remove the felt underbody liner on each side. Pop the center out of the plastic clip behind the front tire (and the one at the rear) and pull the clip. Remove the three T30 Torx screws at the front, then the stamped nuts with a 10mm socket, and drop the liner.

Video timestamp: 0:50

Step 4 Assemble Skid and Slider



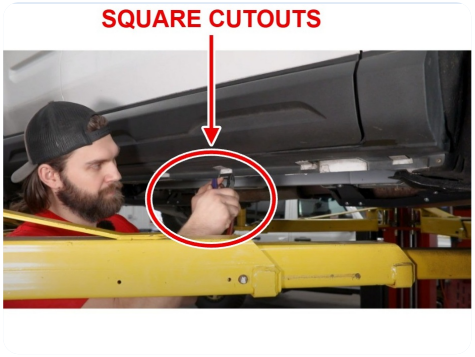


The EVAP skids can be installed without the sliders, but the sliders require the skids. Steps marked sliders only can be skipped for a skids-only install. Bolt each skid to its slider with the 1/2 inch button heads and flange nuts through the 3 holes. Match the slider arrows and the skid front flange, then tighten with a 5/16 hex and 3/4 wrench.

Video timestamp: 2:16

Step 5 Remove Plastic Trim





Under the vehicle, use a plastic pry tool and snips to remove the plastic center section of the six square cutouts on the pinch seam. This gives you room to mark and drill.

Video timestamp: 3:54

Step 6 Mark Pinch Seam Holes





Mark each hole in the center of every opening on the pinch seam, 5/16 inch up from the bottom edge. Mark with a sharpie, then mark again with a center punch.

Video timestamp: 4:43

Step 7 Drill Holes



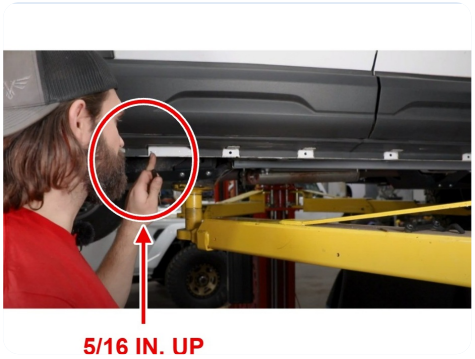


Drill the marked holes with a sharp step bit. Without one, start with a 1/8 inch bit and work up to the 1/4 inch hole needed.

Video timestamp: 5:32

Step 8 Drill Slider Holes



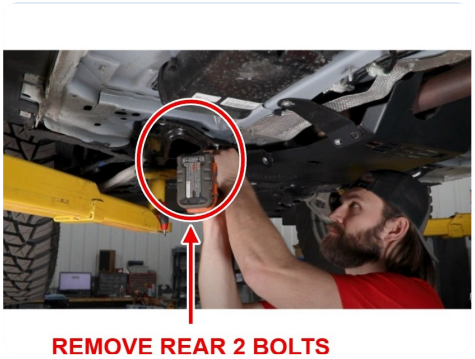


Sliders only: on the back section of the same pinch seam, measure 7-3/4 inches from the nearest hole, 5/16 inch from the bottom edge. Mark it the same way and drill it out.

Video timestamp: 6:28

Step 9 Remove Subframe Bolts



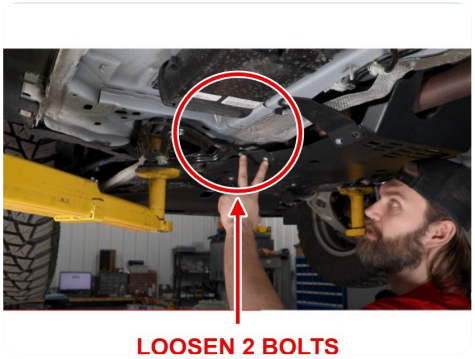


With all holes drilled, use a 13mm socket to remove 2 subframe tie-in bolts on each side (4 total). The bracket then hangs low enough to slide the skid underneath and fasten with the same factory hardware.

Video timestamp: 7:22

Step 10 Loosen Cat Skid



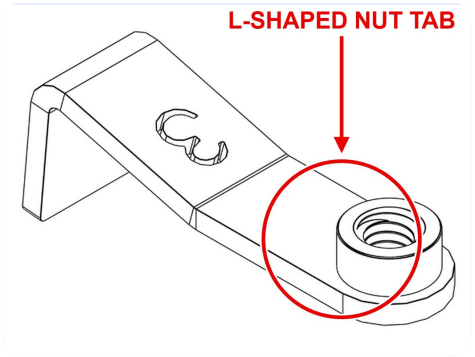


If you have our catalytic converter skid, loosen its brackets just enough to move them out of the way so the new skid can slide under. Skip this step if you do not have that skid.

Video timestamp: 7:54

Step 11 Install L-Shaped Nut Tabs



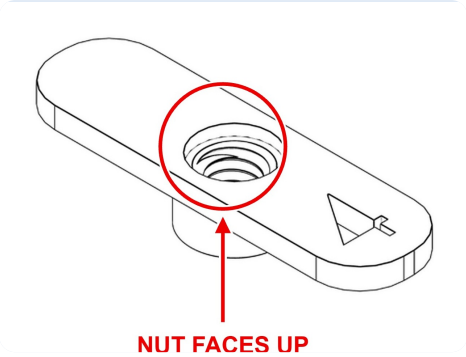


Install the 2 L-shaped nut tabs on each side. If you already have the cat skid, these tabs are already in place.

Video timestamp: 8:28

Step 12 Install Flat Nut Tabs



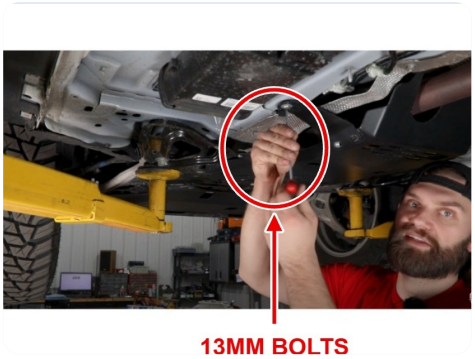


Install the 4 flat nut tabs, 2 per side, in the locations shown. Insert each with the nut facing up toward the vehicle and centered on its hole.

Video timestamp: 8:45

Step 13 Drop Exhaust Hanger



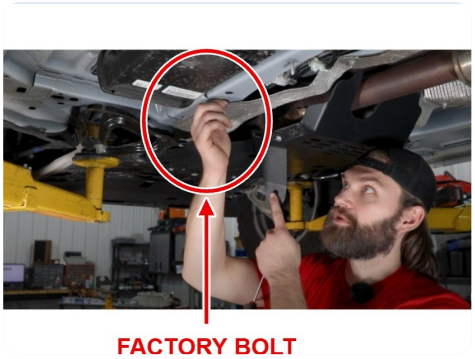


Use a 13mm socket to remove the 2 factory nuts holding up the exhaust hanger. Let the bracket hang for now. These nuts go back on top of the skid later.

Video timestamp: 9:18

Step 14 Raise Skid and Slider





Slide the skid and slider up into place. Line up the front flange hole with the factory subframe tie-in hole, keeping the skid under the factory bracket and the slider flange inside the pinch seam. Loosely start the factory hardware, plus the tie-in bracket if you have the cat skid.

Video timestamp: 9:51

Step 15 Check Hose Position





Check that the hose sits in the proper cutout, as shown.

Video timestamp: 10:55

Step 16 Install Nut Tab Bolts





Install the 5/16 button heads and washers into the 3 nut tabs on each side. If you have the cat skid, set that bracket over the skid as you install the button head.

Video timestamp: 11:12

Step 17 Install Outer Bolts



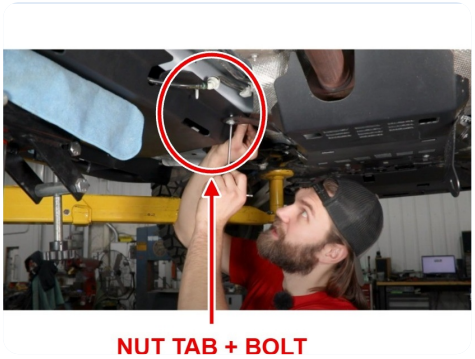


Back outside, install the 1/4-20 button heads with washers and flange nuts through the pinch seam into the slider, using the holes you drilled. Use a 5/32 hex with a long extension. Start them all before tightening, and repeat on both sides.

Video timestamp: 12:03

Step 18 Install Tie-In Bracket



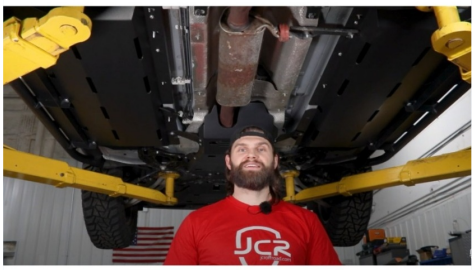


At the rear of the slider, install the tie-in bracket with 1/4-20 button heads, washers and flange nuts in the bottom holes. Feed the last nut tab in the top hole, thread a 5/16 button head in the factory hole, then mark and drill the remaining hole. Remove the bracket to drill.

Video timestamp: 12:36

Step 19 Tighten and Reattach Hanger





Tighten everything down, then reattach the exhaust hanger over the skid with the factory nuts you removed. Your EVAP skids and sliders are done.

Video timestamp: 13:42

Step 20 Installation Complete



Confirm all hardware is tightened. Congrats! Your installation of the Bronco Sport EVAP Skid & Sliders is now complete. Enjoy!