

Make: Ford

Model: 2021+ Bronco Sport
(All Models)

Application: Light Bar

PACKAGE CONTENTS				TOOLS	
QTY		QTY		QTY	
1	Light Bar	6	1/4"-20 x3/4" Hex Bolt	4	M8-1.25 x35mm Flangehead Bolt
2	Chassis Mounting Brackets	6	1/4" SAE Flat Washer	4	5/16" SAE Flat Washer
2	Light Bar Mounting Plates	6	1/4" Split Lock Washer	4	5/16" Split Lock Washer
2	Cover Plates	4	Threaded Hex Spacers	4	M8-1.25 Hex Nut
2	Tube Insert	4	1/4" USS Washer (for lights)		(for 1.5L Models only)
2	Cylindrical Spacer (Unthreaded)	4	1/4"-20 x3/4" Hex Bolt (for lights)		
8	1/4"-20 x3/4" Buttonhead Screw				
2	1/4"-20 x2.5" Buttonhead Screw				

12mm, 13mm Wrench
(Ratcheting type w/flex head)
12mm, 13mm Socket/Wrench
5/32" Hex key
7/16" Socket/Wrench
1/2" Wrench
Medium Loctite (blue liquid)

INSTALLATION INSTRUCTIONS



Locate and cut out the tow hook holes in the front bumper cover. A dremel tool works great to get a clean cut. (Skip to step 4 and refer to Addendum if your vehicle comes equipped with Front Tow Hooks)

1



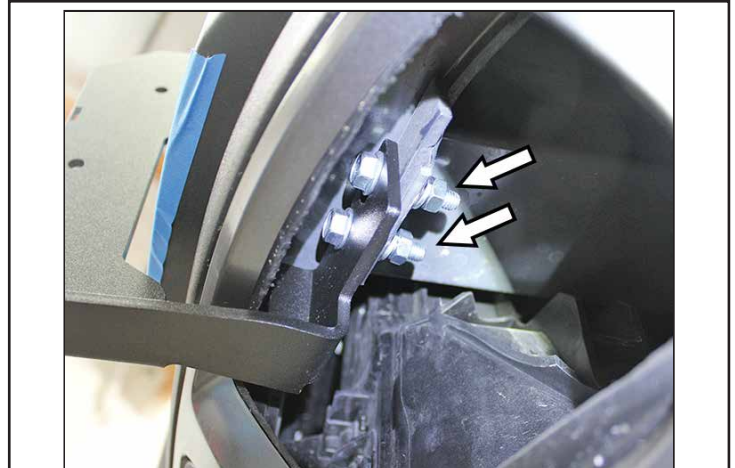
Take extra caution around the inner-bottom corner shown above because there is a structure behind it you don't want to accidentally cut into (cutting the bumper while off the car can help prevent this altogether, however it is a lot more work).

2



Side note: If you want to leave some material on the bumper cover (if you will not be installing tow hooks, for example) you can potentially cut about 2/3 of the rectangle area out instead. Once the holes are cut-out you can reinstall the bumper cover to the vehicle and begin installing the Chassis Mounting Brackets.

3



Locate the driverside Chassis Mounting Bracket and insert it through the bumper cover aligning the holes on the chassis. Insert (1) M8x35mm Flange Head Bolt through each hole and fasten on the backside with (1) 5/16" Flat Washer, (1) 5/16" Lock Washer, and (1) M8 Hex Nut. Do not tighten completely. Note: If your vehicle came with factory Tow Hooks refer to Addendum.

4

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The mount should now look something like the image shown above. Repeat the previous step to install the opposite side bracket.

5



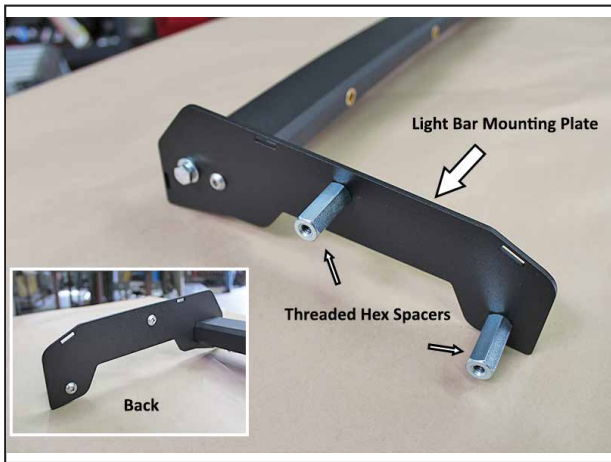
These bolts fasten Tube Insert to the tube.

Tube Insert

Use bolt to help install the tube insert. Remove after.

Install the tube insert into the tube until the holes on the insert line up with the holes on the tube. Fasten them together using (1) 1/4"-20 x 3/4" Hex Bolt, (1) 1/4" Lock Washer, and (1) 1/4" Flat Washer into each hole. Repeat on the opposite end of the bar. **Tip:** To aid with holding the tube insert in place, use one of the 1/4"-20 screws and thread it into one of the holes on the side.

6



Light Bar Mounting Plate

Threaded Hex Spacers

Back

Locate and assemble the Threaded Spacers onto the Light Bar Mounting Plate. Place a drop of blue Loctite on each 1/4"-20 x 3/4" Buttonhead Screw before fastening them from the back side of the plate into the Threaded Spacers.

7

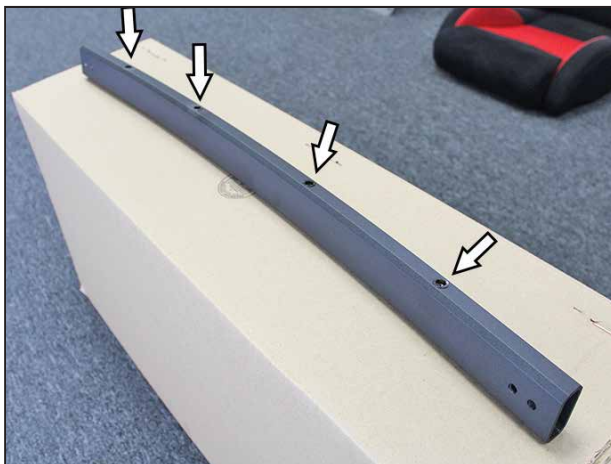


Top Hole

Ensure this hole is aligned with the inner hole before tightening down the adjacent Hex Bolt

Assemble the Light Bar Mounting Plate onto the Light Bar using (1) 1/4"-20 x 3/4" Hex Bolt, 1/4" Lock Washer and 1/4" Flat Washer on the top hole. **Tip:** To aid in aligning the bottom hole temporarily insert a 1/4"-20 Bolt in its place while tightening down the other bolt. Repeat steps 7-8 on the other side of the bar.

8



Optional: If mounting lights on top, flip the tube so that the mounting holes are facing up like shown.

9



Attach the Cover Plates to the bar assembly via the slots on the Light Bar Mounting Plate. The tabs should slide into the slots and not protrude past the surface of the Light Bar Mounting Plate - if they do, simply swap it out with the other Cover Plate (they are not the same, they are mirror opposites).

10



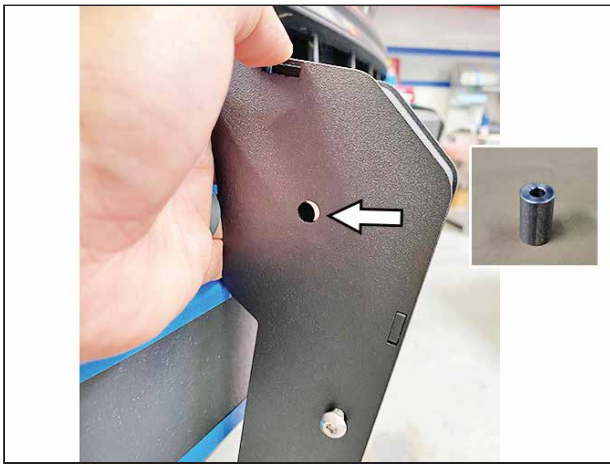
Fit the light bar assembly carefully between the mounts. Have a friend help out as it can be a bit tricky to do on your own. **Tip:** Loosening the bolts on the Chassis Mounting Brackets can aid in fitting it in.

11



Attach the light bar assembly to the Chassis Mounting Brackets by inserting (1) 1/4"-20 x 3/4" Button Head Bolt into each of the open holes shown above. Remember to use a drop of blue Loctite on each bolt before fastening. Leave the Top Hole open for the next steps. Repeat on the opposite side.

12



Carefully place (1) Cylindrical Spacer into the assembly (behind the Cover Plate) and align it with the top hole. Insert (1) 1/4"-20 x 2.5" Buttonhead Bolt into the hole and carefully thread into the bar. Repeat on the opposite side.

13



Assembly should now appear like shown above. Tighten all hardware, including the bolts securing the mount to the tow hook area behind the bumper.

14



Completed assembly shown.

15

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Addendum for Badlands and First Edition models



Locate and remove the (outer) tow hook bolt shown above. (Driver side pictured). Loosen the bolt next to it but, do not remove. Repeat step on the passenger side.

1



Ensure the adjacent bolt is loosened roughly 1/4" to allow room for the mounting bracket to slide between it and the chassis.

2



Once the mounting bracket is in position, reinstall the other bolt but keep them loose to allow the mounting bracket to move around during installation of the rest of the assembly. Repeat on passenger side.

3