2021+ Gen 3 Ford Raptor Bumper Mount Installation



Mounting Types 40" Light Bar Short Nose Mounts Gen 3 40" Light Bar Long Nose Mounts 50" Universal Cross Mount

Mounting Options

- 1. Main Mounts Only Can hold a 50" Curved Rigid RDS Bar or One Pair of Pod Lights
- 2. Main + Light Bar Mount Short/Long Can hold a 40" Light Bar (All SR/E-Series/S8/Diode/Others)
- 3. Main + Universal Cross Mount Can hold up to 10 POD style lights. (Possibly 12 TIGHT)

Hardware



Main Mounts uses hardware A, B and C

40" Light Bar Mount uses hardware A, B, C, D and E

50" Universal Cross Mounts uses hardware A, B, C, and E

If you have a vehicle with factory fog lights, you DO NOT need the 4 U-Nuts and Bolts. You can use the ones from your vehicle.

Step 1: Remove the bumper trim panel (optional)

Inside the wheel lip on both sides, there are 7mm bolts that hold on the trim panel. Once removed, the trim can be carefully popped away from its notches from each side until you get to the middle. Try not to stretch it. Removing this trim will make installing the main mounts easier.











Step 2: Attach the Main Mounts

Depending on if you have OEM Fogs or not, you may or may not use the spacers (Hardware A on first page). In the illustration below, the bolt locations are numbered. If you have factory fog lights you will remove bolts (2 & 3). The illustration shows our triple fog bracket replacement. In this scenario, you do NOT need spacers. The bolt(1) furthest away from the tire is going through a brace. It is there with or without factory fogs. You DO NOT put the bolt through the tab on the cover under bolt(2).



The back cover on Bolt(2) will need to be pulled back and will sit on the backside of the bracket. This bolt will need 2 spacer washers (A) if you have the factory fogs. These washers will go where the cover tab was originally. If you do not have fog lights, bolt(2) and bolt(3) will need one spacer washer each. Don't tighten all the bolts down until you adjusted the mount the way that best suits your needs.





Next you will need to attach the bumper stop (C) on the bottom of the Main Mount between the bumper and mount at the center hole. And use the push pin to attach from the top.





After the Main Mounts are attached on both sides you can now reinstall the trim panel.



The bumper stop should rest on top of the bumper.



The main mount should look like this when the trim piece in back in place.

Step 3A: Installing the 50" Universal Cross Mount

If you plan to install multiple lights across the front of your raptor you will need to install the 50" Universal Cross Mount.

You can find detail wiring instructions and videos under the "Install Instructions & Information" tab at SPVparts.com if you need help with light installations.

Install Instructions & Information





After installing the main mounts, place the Universal Cross Mount across the top of the bumper. Line up the square holes with the slots on the Main Mounts. Use hardware E to attach the cross mount to the main mounts. Each side uses 2 bolts and 2 locks nuts.

Step 3B: Installing 40" Light Bar Mounts

If you plan on installing a 40-inch light bar, you will need to install either a short or long nose 40" light bar mount.

The long nose mount will work best with bigger light bars such as the Baja Designs Onx6 or Rigid Adapt Series.

The short nose mount will work best with most other light bars such as the Rigid SR series light bar.



Step 3B: (Cont)

When installing 40" light bar mounts, it's easiest to install the mounts on the light bar first.

Rigid Full Size and SR Series use the short nose mounts.

The best mount hole for the Full Size is the single back position.

The bottom front hole works best with the SR series.



The Rigid Adapt Light Bar uses the long nose mount. The best bolt locations for the Adapt is the middle hole and front slot. The slots are used for angle adjustments.





After installing the mounts on your choice of light bar, line up the square holes with the slots on the Main Mounts. Use hardware E to attach each side to the main mounts. Each side uses 2 bolts and 2 locks nuts.

If you need any additional help with wiring, please visit the Install Instructions & Information tab on our website. Or scan the QR code here.