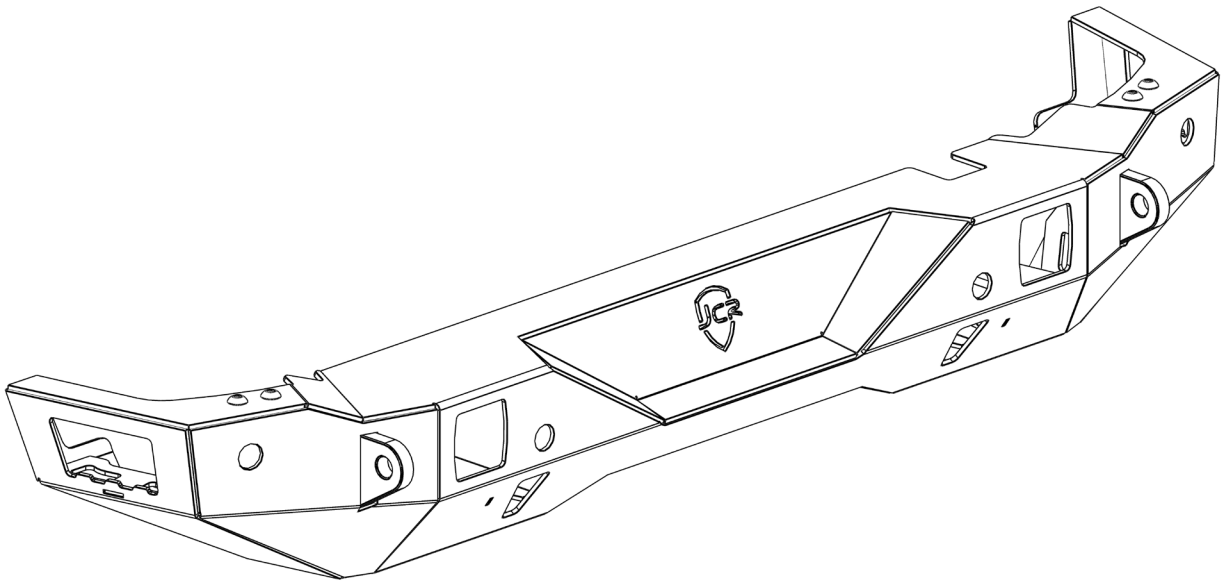




# 6TH GEN BRONCO

# REAR CRUSADER

## INSTALL INSTRUCTIONS



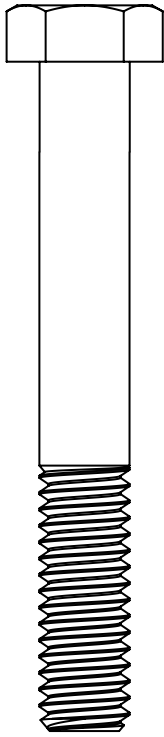
**Please read the mounting instructions below carefully before attempting to install.**

**Be sure to check out the install video on the product page, if available.**

Thank you for purchasing from JcROffroad! Checkout our website, [www.jcroffroad.com](http://www.jcroffroad.com) for other great off-road products. Be sure to rate and review our product online. If you have any questions or are missing parts, please don't hesitate to call us at 269-353-1184!

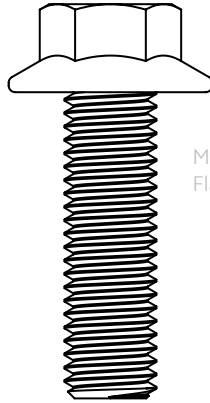
# INCLUDED HARDWARE

2x



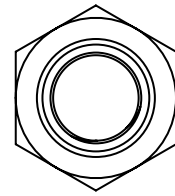
1/2"-13 X 5-1/2"  
Hex Head Bolt

2x



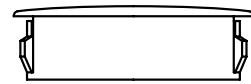
M12  
Flanged Hex Head Bolt

10x



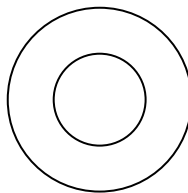
1/2"-13  
Nylock Nut

4x



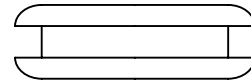
1-1/4"  
Plastic plug

10x



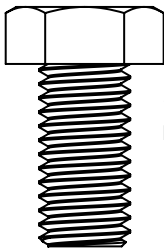
7/16"  
USS Flat Washer

4x



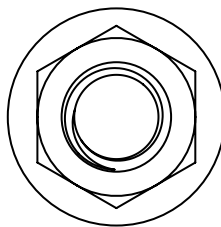
1-1/4"  
Rubber Grommet

6x



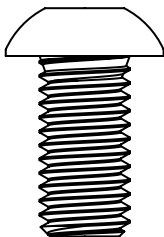
1/2"-13 X 1"  
Hex Head Bolt

10x



1/2"-13  
Serr. Flange Nut

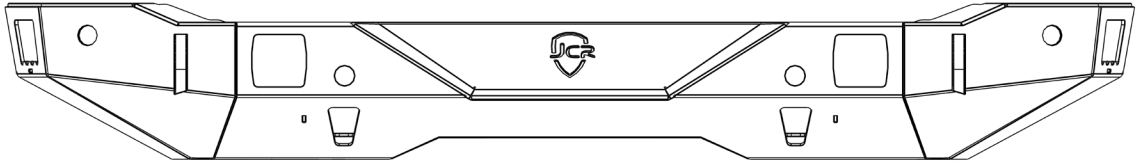
4x



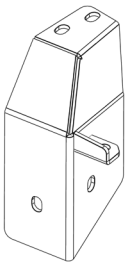
1/2"-13 X 1"  
Button Head Bolt

# INCLUDED PARTS

1x



1L/1R



4x



# ASSEMBLY

- 1 Start by removing your spare tire using a 19mm socket.



- 2 Next, disconnect the harnesses for the back up sensors. They are found on both sides of the vehicle, just behind the fender liner. To disconnect them, simply press in on the tab on the back side of the connectors and pull down. Then, use a 13mm socket to remove the forward facing bolt on each side of the vehicle just below the harness connectors.



# ASSEMBLY

- 3** Next you will need to remove the factory tow hooks. To do this, use an 18mm socket to remove the two bolts in each, then pull down on the front of the tow hook to remove it and the clip holding it in place from the bumper.



- 4** Once all that hardware is removed, the bumper will be resting on the frame. Simply pull out on it to remove it from the vehicle.



# ASSEMBLY

- 5** With the bumper off of the vehicle, you will need to remove the backup sensors from it so they can be mounted inside your new bumper. Start by pushing all the small plastic clips holding the harnesses through the metal brackets they sit in. The clip for the license plate light wire shown below on the right may be difficult to push through the bracket. You can very carefully cut it instead.



- 6** Once all the clips are removed, use a 13mm socket to remove the five bolts holding the middle bracket in place.



# ASSEMBLY

- 7 Once the bracket is out of the way, disconnect the license plate light and pop the sensors out of the bumper. In order to disconnect the license plate light, simply press the thumb tab and pull out. To remove the sensors, apply pressure to the front face while pushing outwards on the two tabs behind the back of them.

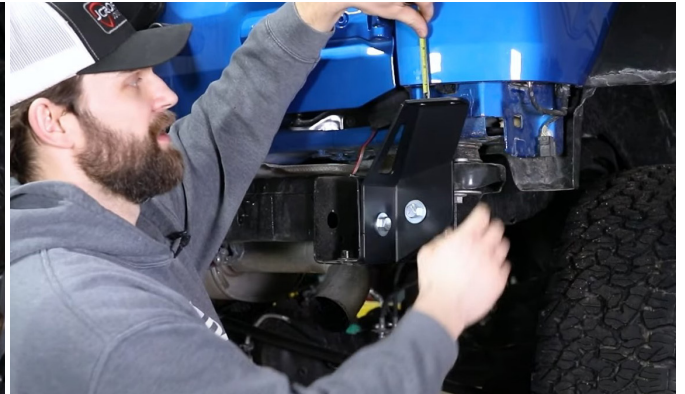
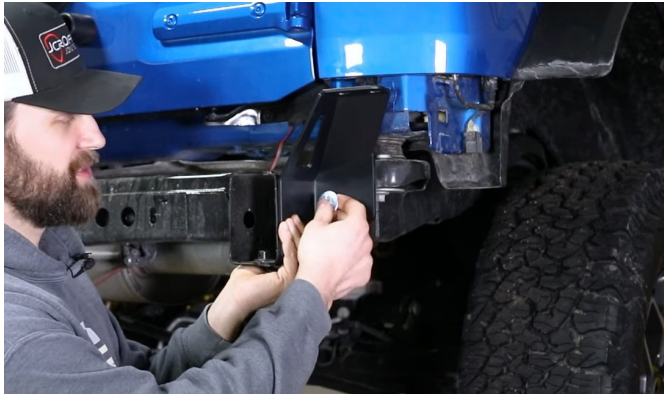


- 8 With all of that disconnected, carefully pull both sides of the harness towards the middle and remove it from the bumper. Keep track of which side is the driver's side and which is the passenger's because there is a difference.



# ASSEMBLY

- 9 Next, mount the tie in brackets to the corners of the rear frame. They mount using three 1/2"-13 X 1" hex head bolts and 7/16" washers with each bolt backed up by a 1/2"-13 serr. flange nut on the other side. The bolt going sideways into the frame also gets a black square washer between the frame and the nut. Once the mounts are loosely in place, use a tape measure to position the mounts so that the top face is 1-1/8" below the bottom edge of the vehicle all the way across. Once they are in the correct position, tighten them into place.





# ASSEMBLY

- 10** Next, install the sensors into your new bumper. To do so, push the provided 1-1/4" rubber grommets into each of the sensor holes in the bumper. Make sure that none of the edges are folded over. Then, simply push the sensor in through the inside of the bumper until the face of the sensor is flush with the edge of the grommet. The ends of the harness can be routed through the bumper bracketry to get it out of the way. Make sure that the driver's side of the harness goes on the driver's side of the bumper. We recommend that you put a small line of RTV around the edge of the sensors. That way, once the RTV dries it will help to hold them in place. You may want to hold the sensors in place with some tape while it dries.



- 11** With your new bumper prepped, set it up onto the tie in brackets and loosely hold it in place by dropping the two 1/2"-13 X 1" button head bolts into the holes through the top of the tie in brackets



# ASSEMBLY

- 12** Next, loosely install the four M12 bolts into the factory mounting holes underneath the vehicle.



- 13** Next, reach in through the step holes and install the 1/2" -13 serr. flange nuts onto the bottom of the bolts on both sides of the vehicle. Once the nuts are loosely threaded onto the bolts, make sure that the bumper is centered on the vehicle. Also, carefully open the rear hatch to make sure there is clearance between the door and the bumper when it is opened fully. Then, tighten those bolts into place, as well as the M12 bolts on the underside of the bumper.

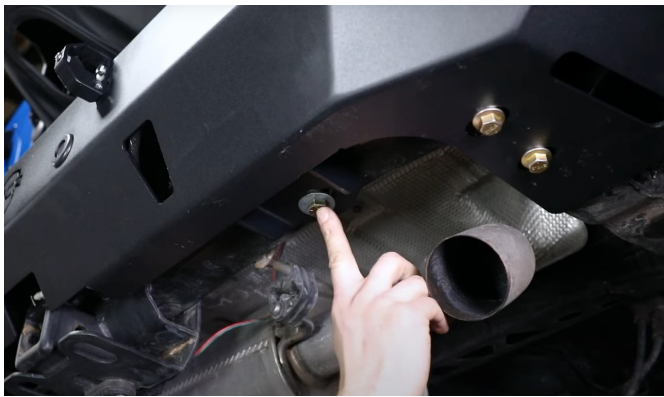


# ASSEMBLY

- 14** Next, route and reconnect the sensor harness on each side of the vehicle.



- 15** Next, install the 1/2"-13 X 5-1/2" bolts into the remaining two holes in the bottom of the bumper. They install through the cross member above the hole with a 7/17" washer on the top and bottom as well as a 1/2"-13 nylock nut on the top.



- 16** Finally, make any adjustments you would like to the position of the bumper and then tighten everything fully into place.