

# Front Bumper Installation Instructions

P/N 210632, 210632.1: Jeep Wrangler, JL, Front Bumper

## Before you begin:

- *Stainless steel (SS) hardware may bind together when tightening — apply an anti-seize assembly lubricant to the threads of each SS bolt before assembly.*
- *This installation may require two people*

## Required Tools:

- Standard Wrench Set
- Standard Socket set
- Ratchet
- Painters Tape (optional)
- Plastic Rivet remover



## Included Hardware:

| <b>P/N</b> | <b>Description</b>               | <b>Quantity</b> |
|------------|----------------------------------|-----------------|
| 70033      | ½-13 Nylon-Locking Nut, Grade 8  | 4               |
| 70035      | ½" Washer                        | 12              |
| 70080      | ½-13 x 2" Hex Head Bolt, Grade 8 | 8               |

## Additional Parts Included:

| <b>Part Number</b> | <b>Description</b>            | <b>Quantity</b> | <b>Picture</b>  |
|--------------------|-------------------------------|-----------------|---|
| 350765             | ½-13 Weld Nut Plates, DR & PS | 1 Set           |  |

### Installation Instructions:

1. Remove the 8 plastic push rivets underneath the bumper.
2. Remove the two screws holding the splash guard in place using a 5/16" socket.

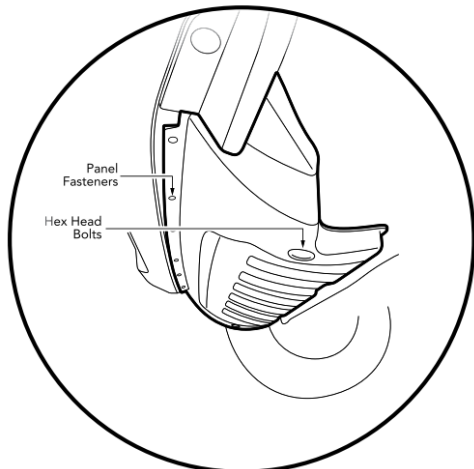


Figure1: Removing plastic push rivets and 5/16" hardware

3. Remove the two bolts holding equipment cross section shield using a 16mm socket. Then push up on the shield to release it from the locator slots.



Figure 2: Cross Section Shield Bolt Location

4. Remove the two plastic retainers holding the frame guard in place.



Figure 3: Frame Guard Retainer Location



Figure 4: Extended Plastic Retainer

5. Unplug the fog light wiring harness connected to the frame rail on the passenger side.

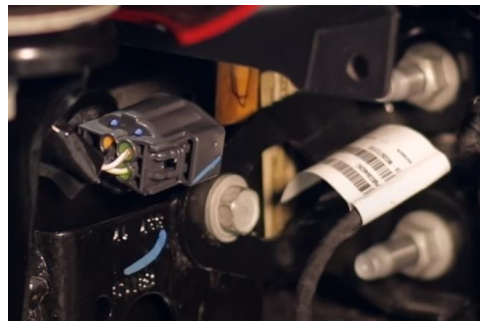


Figure 5: Fog Light Wiring Harness

6. Using a 18mm deep socket unfasten the 8 retaining nuts holding the factory bumper in place and slide the bumper off the frame horns.



Figure 6: Removing Retaining Nuts

7. Slide the Aluminess bumper over the frame horns.
8. Have a friend hold the bumper in place while you loosely fasten 1/2-13 hardware.

NOTE: Use the nylon locking nuts for the inside mounting locations and use the nut plates for the outside mounting locations. The tick marks should be pointing towards the center of the vehicle.

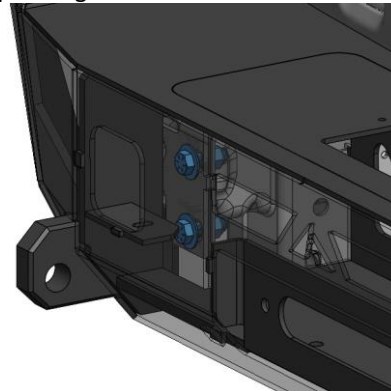


Figure 7: Inside Mounting Locations

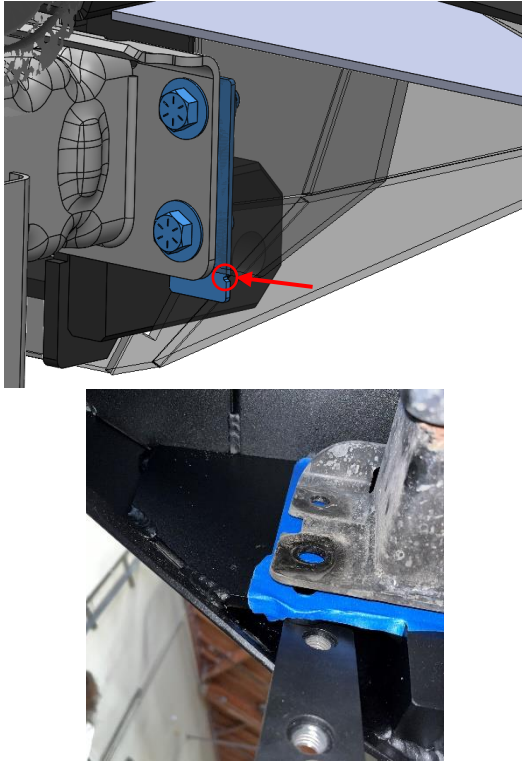


Figure 8: Outside Mounting Locations; Correct Nut Plate Orientation

9. Adjust the bumper to the desired height and using a  $\frac{3}{4}$ " wrench and socket fully tighten all  $\frac{1}{2}$ -13 hardware.

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