

### Tools Required

19mm, 16mm, 13mm Socket

6mm, 5mm Hex Bit

Ratchet

Torque Wrench



### Notes

Read this instruction carefully before starting installation.

Bull bar fit for 16"-20" side mount LED light bar.

The pretreated trim panel can be removed for customized painting.

If missing parts or any damage found, please take a picture and contact us.

### Step 1:

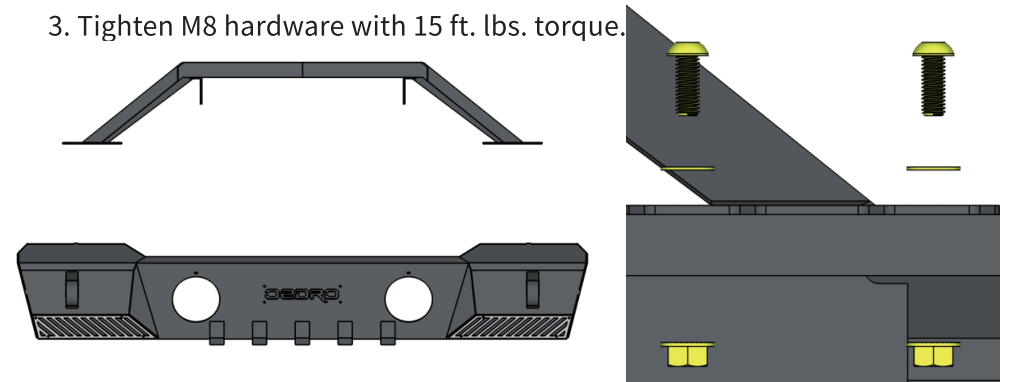
1. Remove (4) rivets holding the splash guard and remove the splash guard.
2. Remove (2) rivets securing the frame cover between the grille and front bumper.
3. Disconnect fog lamp connectors.
4. Remove (8) M12 hex nuts holding the bumper onto the frame rail.
5. Carefully remove the front bumper.

### Step 2:

1. Remove factory fog lamps from old bumper.
2. Install factory fog lamps to the OEDRO front bumper using factory mounting hardware.

### Step 3:

1. Position the bull bar to OEDRO front bumper.
2. Secure bull bar using (6) M8 button head bolts, (6) M8 flat washers, (6) M8 hex nuts.
3. Tighten M8 hardware with 15 ft. lbs. torque.



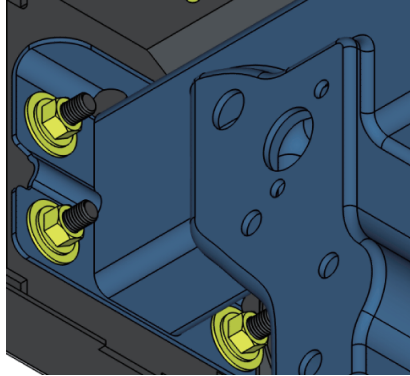
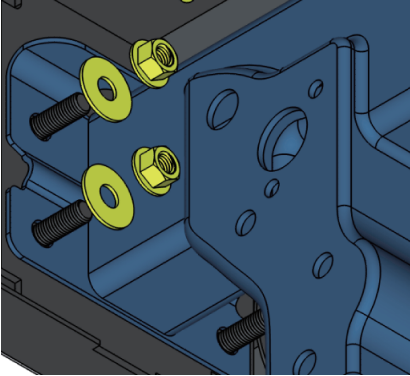
### Step 4:

1. Position the winch plate to OEDRO front bumper.
2. Secure bull bar using (4) M10 button head bolts, (4) M10 flat washers, (4) M10 hex nuts.
3. Tighten M10 hardware with 31 ft. lbs. torque.



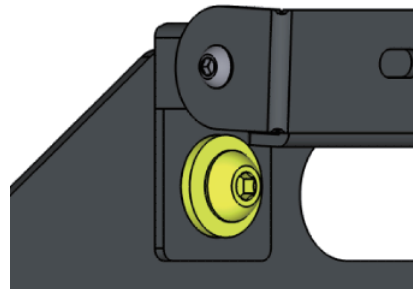
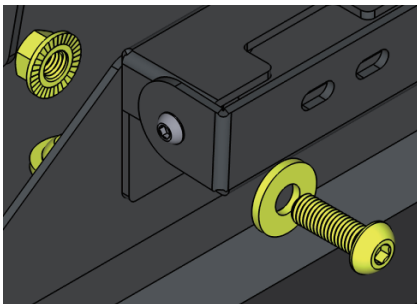
**Step 5:**

1. With assistance, lift and attach the bumper to frame rail.  
Secure with (8) M12 flat washers, (8) M12 hex nuts
2. Tighten M12 hex bolts with 60 ft. lbs. torque.

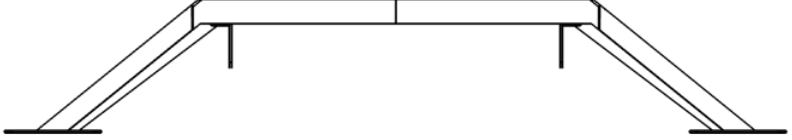





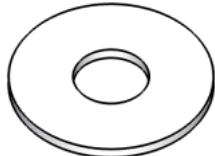
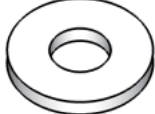






**Step 6:**

1. Position the license plate bracket to winch plate.
2. Secure the license plate bracket with (2) M10 button head bolts, (2) M10 flat washers, (2) M10 hex nuts.
3. Connect fog lamp connectors.
4. Install (2) D-rings on shackle mounting brackets.
5. After bumper installed, periodic check to ensure all mounting hardware remains secure and tight.



**Part List:**

			Bull Bar		×1
	License Plate Bracket	×1		Winch Plate	×1
			D-Ring Shackle		×2
	M10 Button Head Bolt	×6		M8 Button Head Bolt	×8
			M12×35 Flat Washer		×8
			M10×25 Flat Washer		×6
			M8×20 Flat Washer		×8
			M12 Hexagon Nut		×8
			M10 Hexagon Nut		×6
			M8 Hexagon Nut		×8