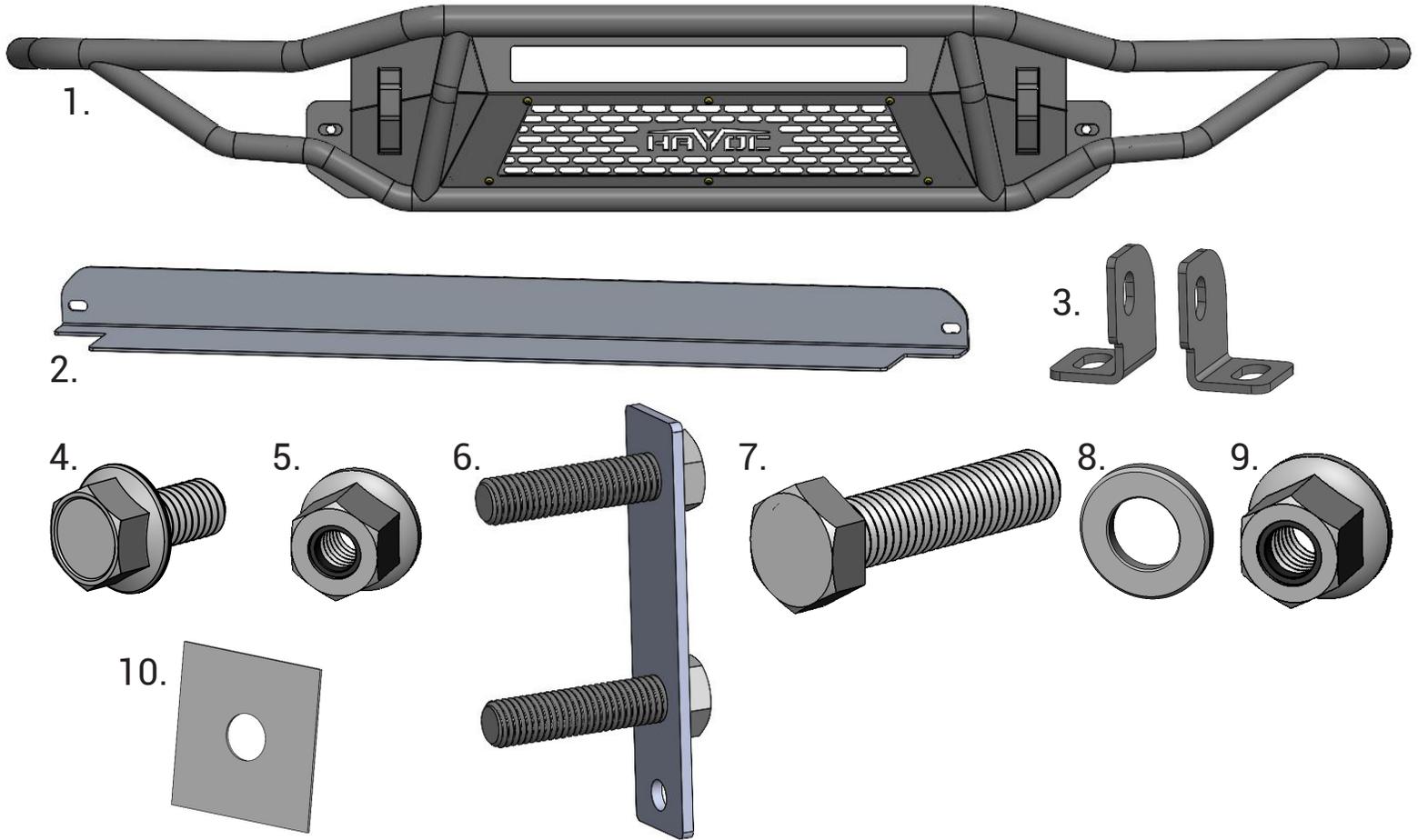


Components and Hardware:



Components and Hardware:

1. Front Bumper.....	(1)
2. Upper Cover Plate	(1)
3. Center Light Bar Mounting Brackets.....	(2)
4. M8 X 1.25mm - 16mm Flange Hex Bolt.....	(6)
5. M8 X 1.25mm Flange Nylon Locking nut.....	(4)
6. Dual Bolt Plate.....	(2)
7. M12 X 1.75mm - 50mm Hex Bolts.....	(2)
8. M12 Flat Washer	(2)
9. M12 X 1.75mm Flange Nylon Locking Nut.....	(6)
10. Plastic Bolt Retainers	(6)

Tools for Installation:

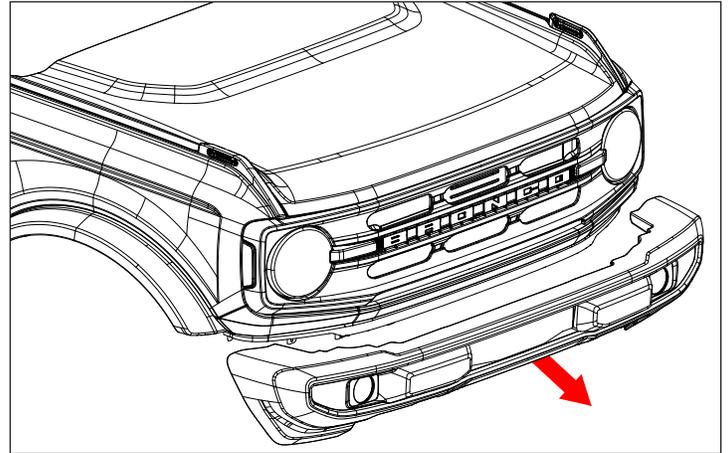
- 19mm Socket Wrench
- 18mm Socket Wrench
- 13mm Socket Wrench
- Side Cutters

Metal Masher Front Bumper, Bronco

Step 1:

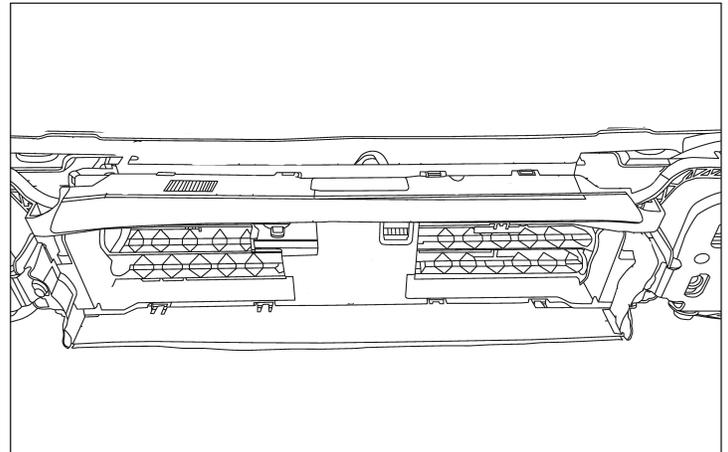
Unplug fog lights and parking sensors from harness. Remove the OE front bumper from the frame horns.

Optional: Remove outer crash bar.



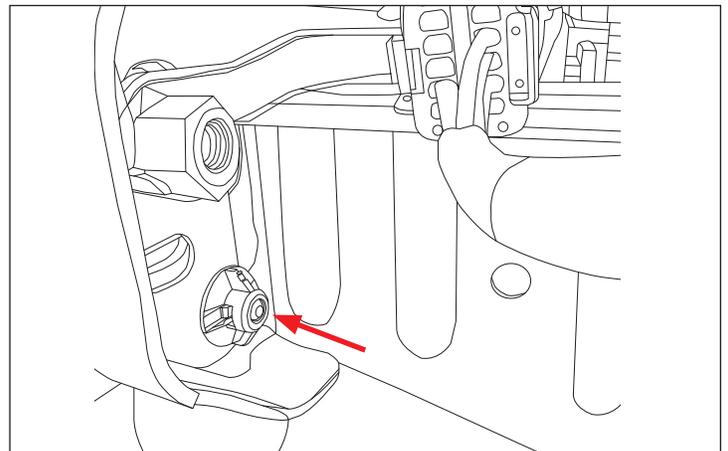
Step 2:

Remove the inner cooler valiance.



Step 3:

Remove the OE bumper nut plates from both sides by removing the plastic thumb screws.



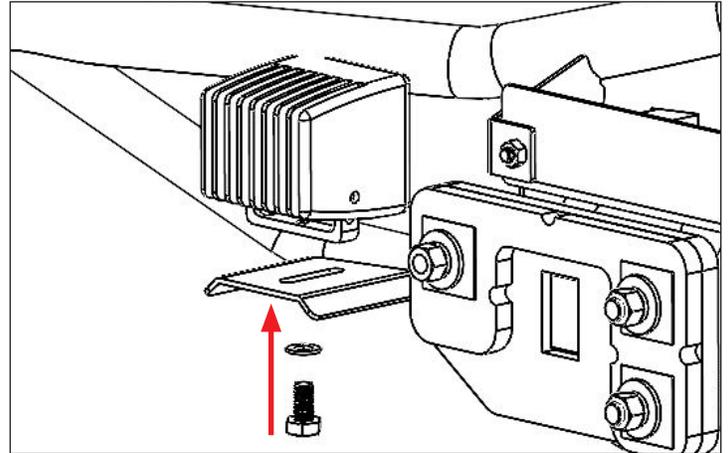
Metal Masher Front Bumper, Bronco

Step 4:

Install aftermarket light pods to side of bumper.

Use hardware provided with light. Refer to the instructions of the selected light for wiring and mounting requirements.

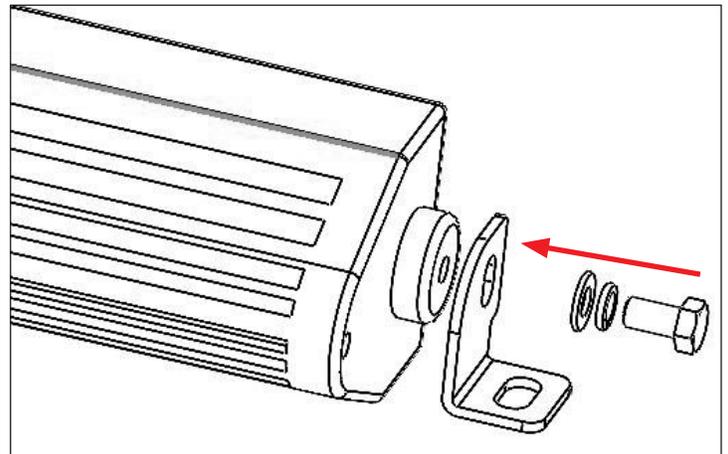
OPTIONAL



Step 5:

Bumper has mounting location for a 20" light bar. Attach the Light Bar Mounting Brackets (#3) to the side of the light bar you selected. Use the provided mounting hardware from the selected light bar. DO NOT fully tighten at this time.

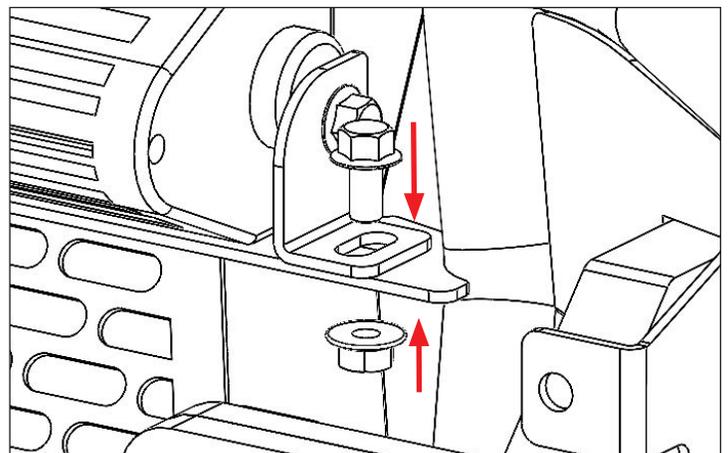
OPTIONAL



Step 6:

Position light bar with mounting tabs into position inside the bumper. Use the M8 Flange Bolt (#4) and M8 Flange Locking Nut (#5) to fasten the light bar to the bumper. Make adjustment and fully tighten hardware in this step and step 5.

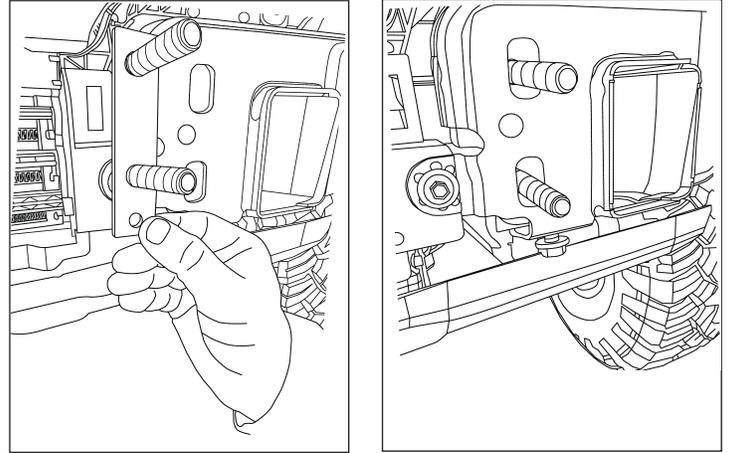
After bumper is fully installed and light wired adjust light for proper beam placement.



Metal Masher Front Bumper, Bronco

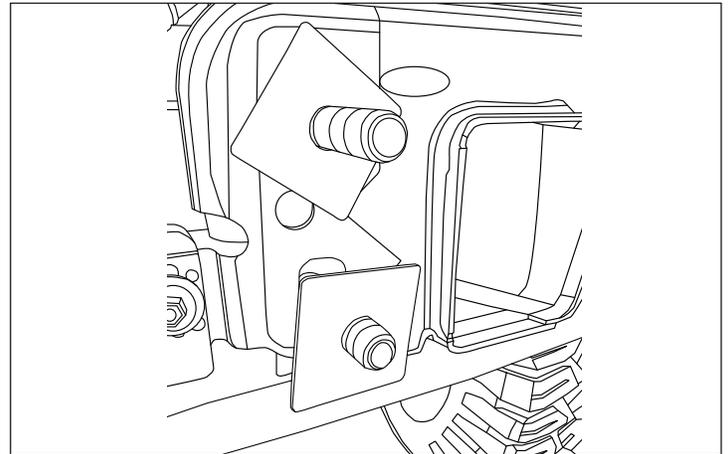
Step 7:

Install Dual Bolt Plate (#6) into frame plate of the Bronco. **LONGER TAB OF PLATE GOES TOWARDS THE BOTTOM.** Repeat on other side.



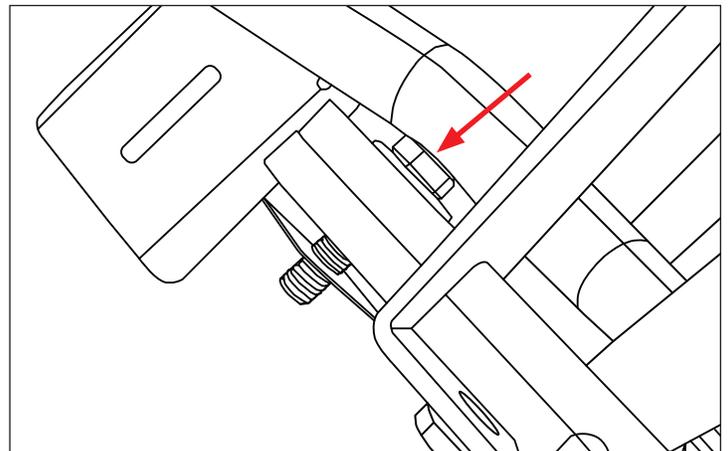
Step 8:

Install Plastic Retainers (#10) onto bolt plate studs. Repeat on other side.



Step 9:

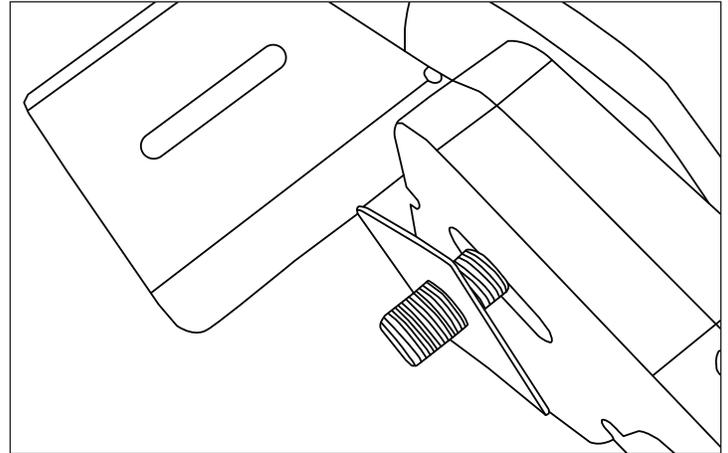
Position M12 Hex Bolt (#7) in bumper. Repeat on other side.



Metal Masher Front Bumper, Bronco

Step 10:

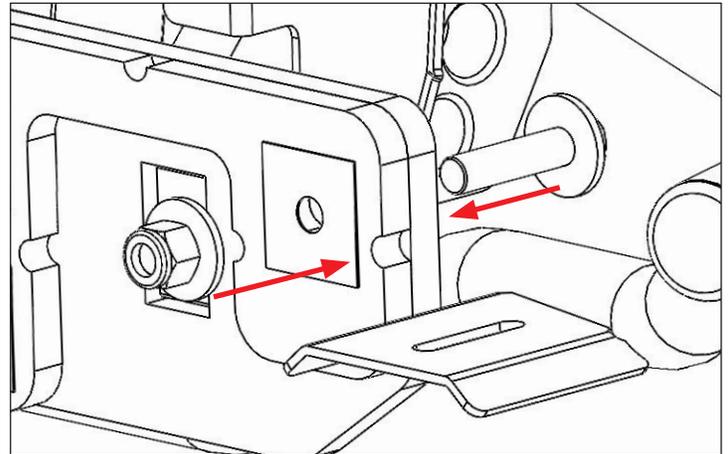
Affix Plastic Retainers (#10) onto bolts.
Repeat on other side.



Step 11:

With assistance, lift bumper and align bolts to corresponding holes.

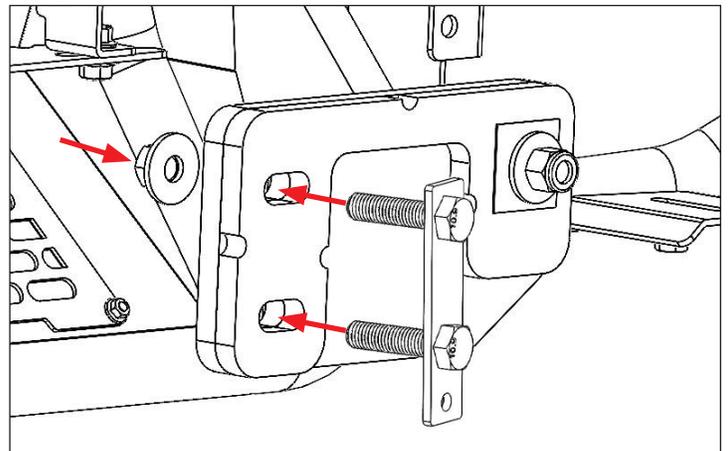
Loosely install supplied M12 washer (#8) and M12 Flange Locking Nut (#9) to the outer M12 bolts first. The bolts are the easiest to reach and will secure the bumper to the Bronco for a safer installation. Next use the same M12 washers and nuts to secure the M12 bolt plates to the frame horns.



Step 12:

Next use M12 washer (#8) and M12 Flange Locking Nut (#9) to secure the M12 bolt plates to the frame horns.

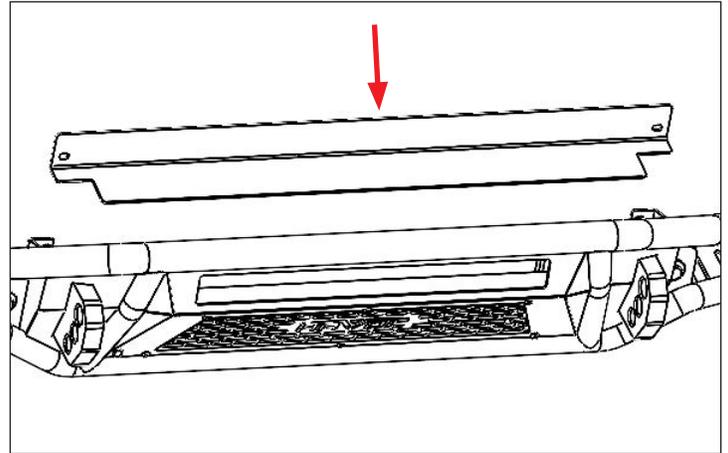
Align bumper to desired height, and confirm bumper is centered on vehicle. Tighten all hardware.



Metal Masher Front Bumper, Bronco

Step 13:

Insert Cover Plate (#2) into the top portion of the bumper.



Step 14:

Use the M8 Flange Bolts (#4) to secure cover plate to the bumper.

