



HD WINCH PLATE WITH BULL BAR FOR OEM FRONT BUMPER

(2021-2024+ BRONCO - With OEM Modular, Capable,
and Raptor Front Bumpers)

INSTALLATION INSTRUCTIONS

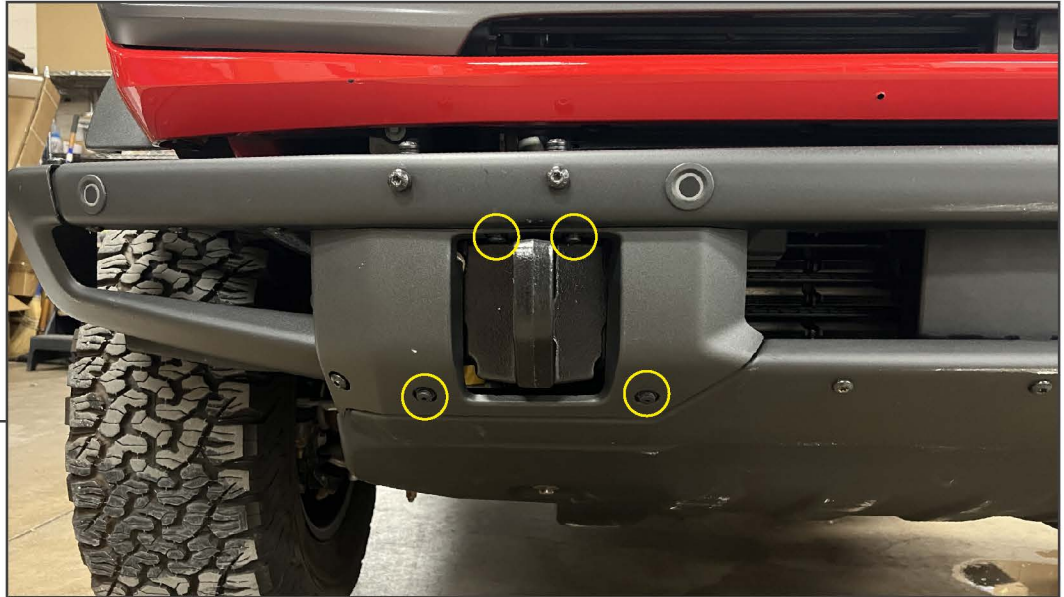
CONTENTS

- (1) LH Frame Mount
- (1) RH Frame Mount
- (1) Winch Plate
- (1) Large Mounting Bracket
- (1) Small Mounting Bracket
- (2) Proximity Sensor Housings
- (2) Proximity Sensor Extensions
- (1) Camera Extension Harness
- (8) M10x1.50 x 30mm Allen Bolts
- (6) M10 Lock Washers
- (10) M10 Flat Washers
- (2) M10 Lock Nuts
- (4) M6x1.00 x 25mm Allen Bolts
- (8) M6 Flat Washers
- (4) M6 Flange Nuts
- (4) M5x0.8 x 15mm Allen Bolts
- (8) M5 Flat Washers
- (4) M5 Lock Nuts
- (1) 3mm Allen Key
- (1) 4mm Allen Key
- (1) 6mm Allen Key

TOOLS REQUIRED

8mm, 10mm, 13mm, 15mm
Sockets
Ratchet
Small Pry Tool
Panel Removal Tool
3mm, 4mm, 6mm Allen
Keys/Sockets

STEP 1



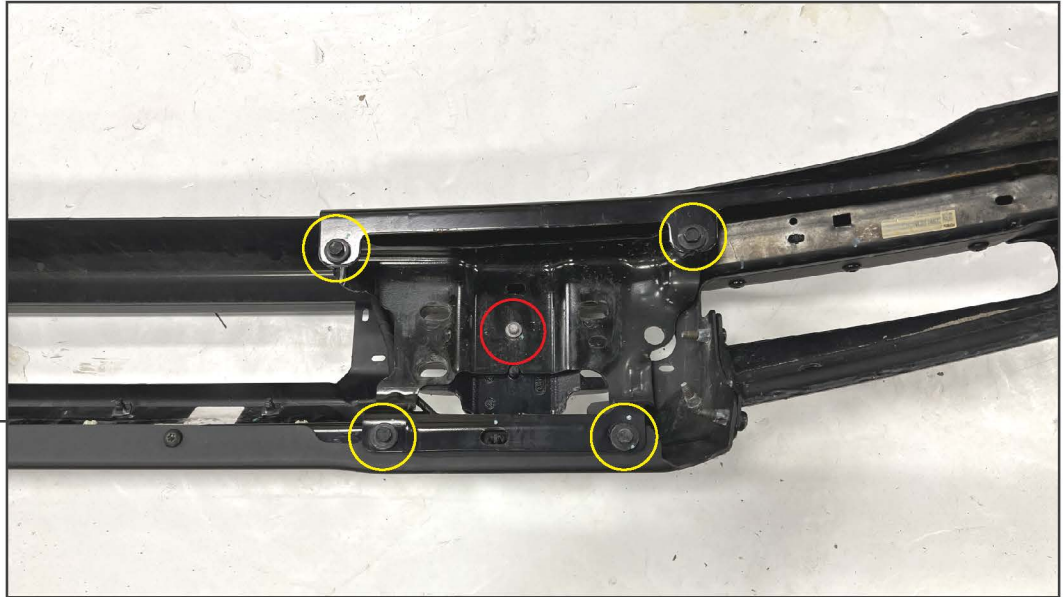
Using a panel removal tool, remove the (4) plastic push clips securing the plastic cover to the bumper.

Repeat this step for the opposite side of the bumper.

STEP 2

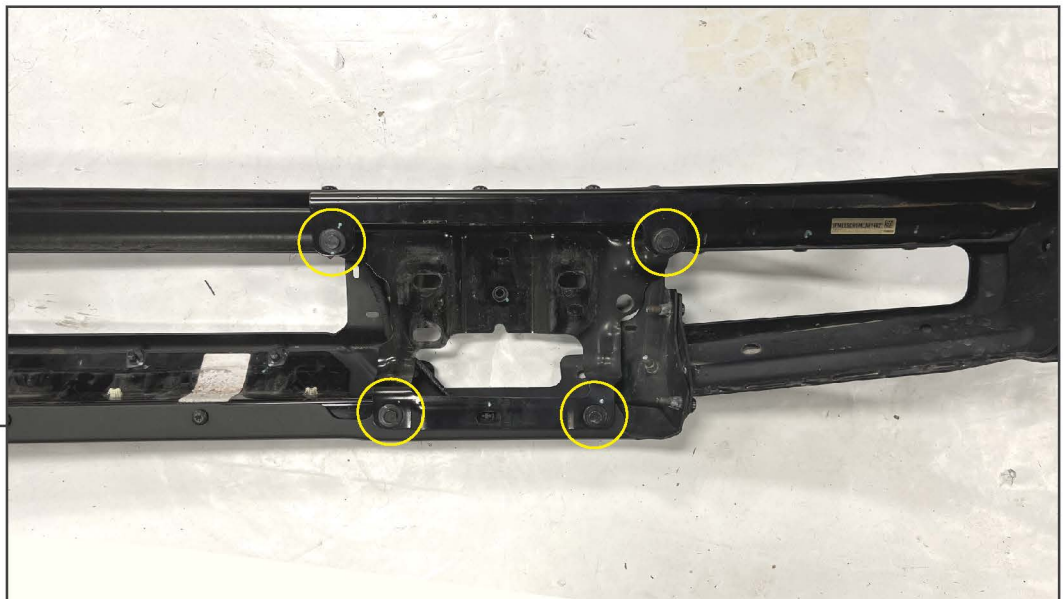


Unplug the electrical connector behind the driver's side of the bumper to disconnect the front bumper electronics. Then, with assistance, remove the (6) 15mm bolts from the bumper and lift the bumper away from the vehicle. Set the bumper on a soft surface for disassembly.

STEP 3

Remove (4) 13mm bolts from the outer mounting bracket. Remove the recovery point from the bumper. Then, remove the (1) 10mm bolt in the center of the recovery point to disconnect the recovery point from the bracket.

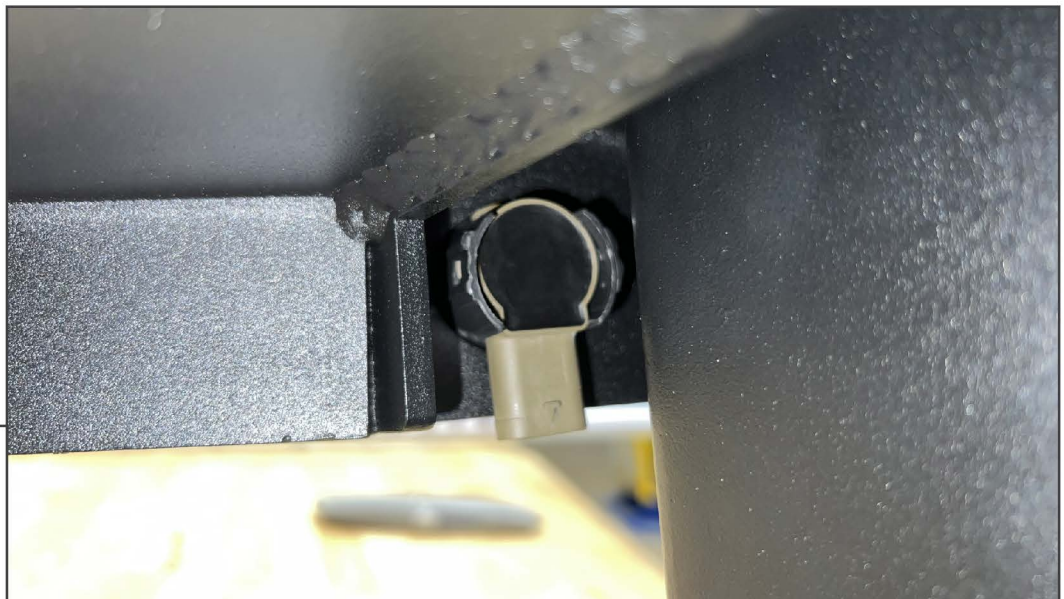
Repeat this step for the opposite side of the bumper.

STEP 4

With the recovery point removed, re-install the bumper mounting bracket using the original (4) 13mm bolts.

**STEP 5**

Unplug and remove the (2) center sensors from the bumper by using a small flat head screwdriver or pick to gently pry back the mounting tabs.

**STEP 6**

Fit the included proximity sensor housings into the winch plate, then fit each sensor into the housings.

Plug the provided sensor extension harnesses into the bumper wiring harness, and route through the bumper sensor holes.

STEP 7



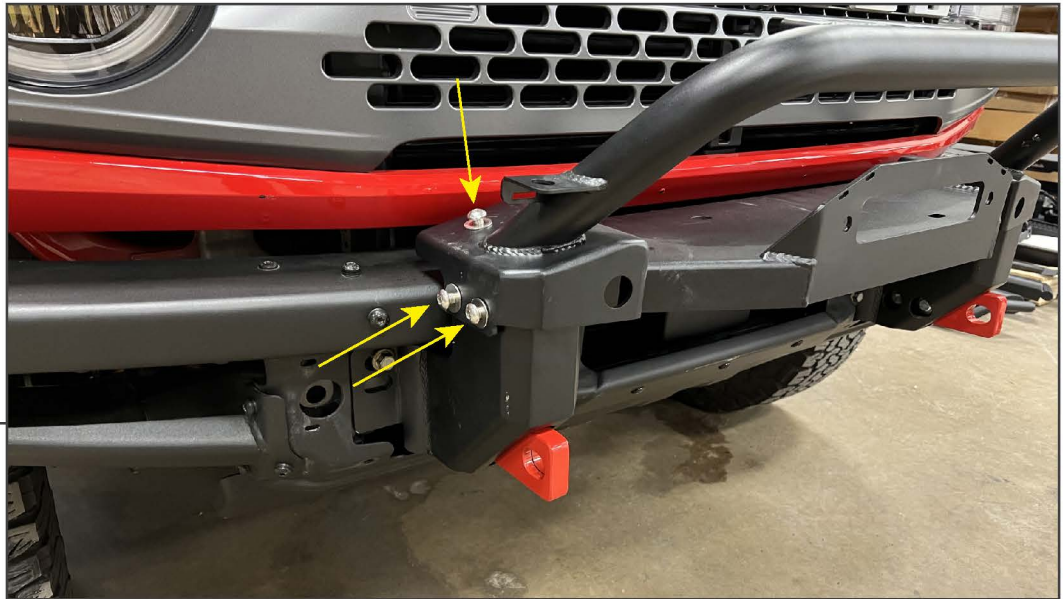
With assistance, lift the bumper to the vehicle frame. Secure only one side of the bumper to the frame using the OEM bumper bolts.

STEP 8



Loosely install (1) included frame mount to the vehicle bumper using the (3) OEM bumper bolts.

Once one frame mount is loosely installed, loosen the opposite side bumper hardware that was previously installed and install the opposite side frame mount.



STEP 9

With both frame mounts loose, fit the winch plate to the frame mounts. Adjust the lower mounts as necessary. Then, secure the winch plate to each frame mount using (6) M10 x 35mm bolts, (6) M10 lock washers, and (6) M10 flat washers.



STEP 10

Adjust the bumper to the vehicle, and fully tighten the bumper to the vehicle until secure.

STEP 11

If desired, remove and relocate the vehicle forward facing camera to the included mounting bracket. Then, fit the enclosure bracket over the camera, and secure using (2) M6 x 25mm Allen bolts, (8) M6 flat washers, and (2) M6 flange nuts. Use up to (4) M6 flat washers to space the enclosure bracket away from the camera, if necessary.

Note: Grille removal is required to remove the camera. Use the included camera extension harness once the camera is relocated.

STEP 12

If using a winch and fairlead, use the fairlead mounting hardware to secure the camera brackets.

If not installing a winch and fairlead, use the included (2) M10 x 30mm Allen bolts, (4) M10 flat washers, and (2) M10 nuts to secure the camera mounting bracket to the fairlead mount.



STEP 13

Ensure all mounting hardware is fully secure. Plug in the bumper wiring harness to the vehicle harness connector.

Installation is now complete.