



TIRE CARRIER

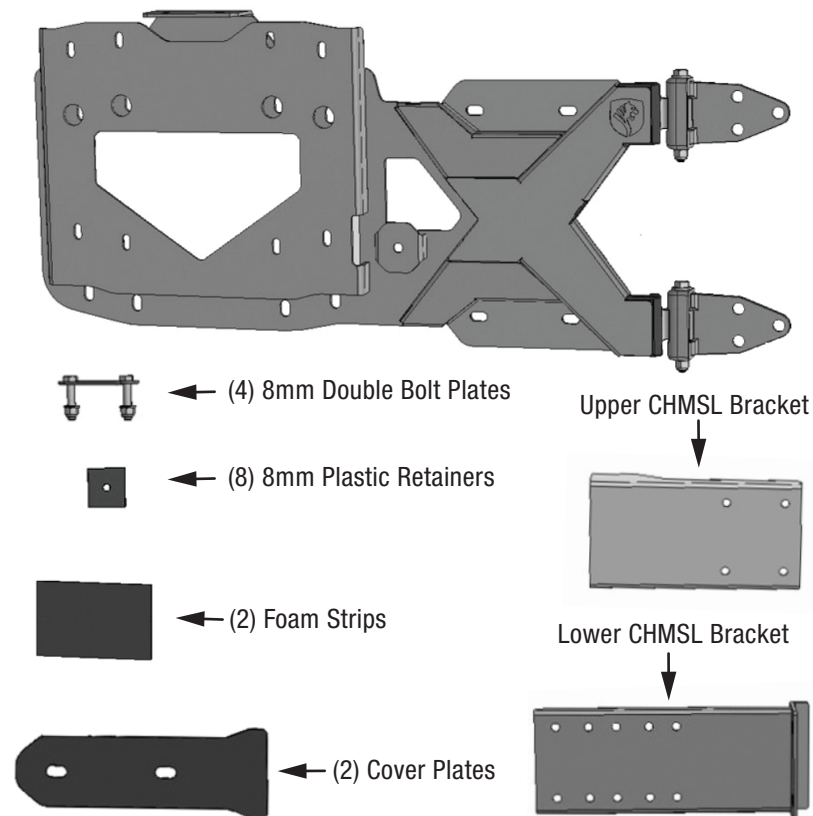
TG-TR8J88818

BEFORE INSTALLATION

READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT. FAILURE TO IDENTIFY DAMAGE BEFORE INSTALLATION COULD LEAD TO A REJECTION OF ANY CLAIM. IF MISSING PARTS OR ANY DAMAGE FOUND, PLEASE TAKE A PICTURE FOR THE CLAIM PURPOSE. TO FILE YOUR CLAIM, PLEASE VISIT: WWW.TYGERAUTO.COM/CONTACT

TORQUE VALUES

Fastener Size	Class 8.8 Torque (ft-lbs)	Class 10.9 Torque (ft-lbs)
6mm	6-7	6-7
8mm	15-16	22-23
10mm	31-32	44-45
12mm	54-55	78-79
14mm	87-88	125-126



Parts List

- x1 TYGER Spare Tire Carrier
- x1 Upper CHMSL Light Relocation Bracket
- x1 Lower CHMSL Light Relocation Bracket
- x2 Cover Plates
- x4 10-1.5mm x 50mm Button Head Bolts
- x2 10-1.5mm x 30mm Hex Bolts
- x8 10mm x 27mm x 3mm Flat Washer
- x4 10mm Lock Washer
- x2 10-1.5mm Nylon Lock Nut
- x4 8-1.25mm x 40mm Double Bolt Plates
- x8 8mm Plastic Retainers
- x8 8-1.25mm x 55mm Hex Bolts
- x8 8mm x 24mm x 2mm Flat Washers
- x8 8mm x 16mm x 1.6mm Flat Washers
- x8 8mm Lock Washers
- x8 8-1.25mm Nylon Lock Nuts
- x4 6mm x 20mm Button Head Bolts
- x8 6mm x 16mm x 1.2mm Flat Washer
- x4 6mm Nylon Lock Nuts
- x1 6mm Wrench
- x1 4mm Wrench
- x2 Foam Strips (100mm x 80mm 3mm)



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PROCEDURE:

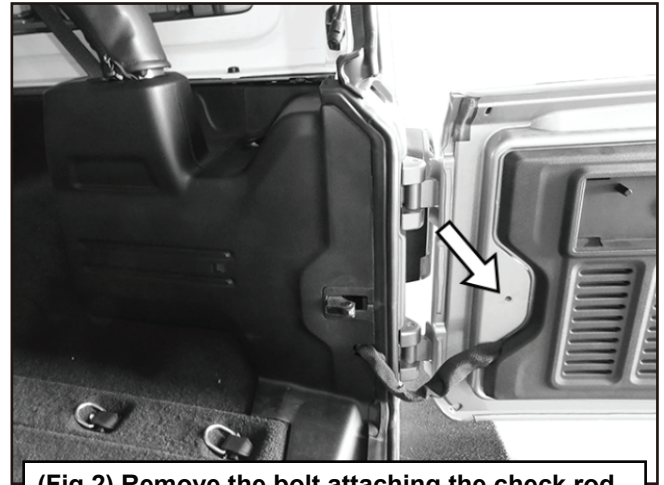
REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. ASSISTANCE IS HIGHLY RECOMMENDED. THE SPARE TIRE RELOCATION KIT CAN HOLD UP TO A 37IN DIAMETER TIRE.

STEP 1

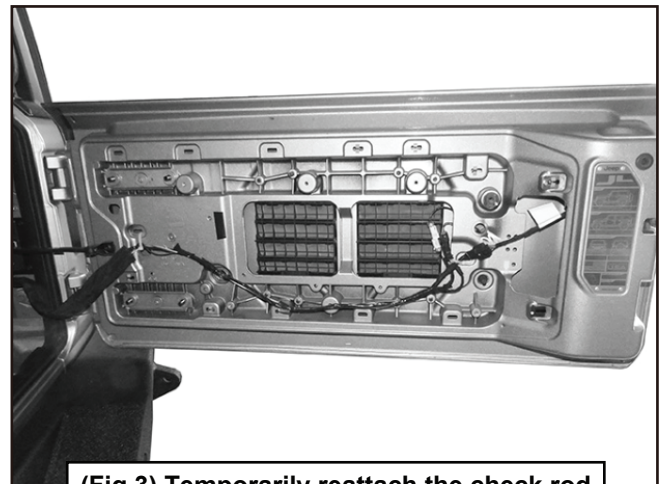
Start installation at the rear of the vehicle and remove the spare tire (Fig 1).



(Fig 1) Remove the spare tire



(Fig 2) Remove the bolt attaching the check rod to the tailgate. Push check rod in, remove plastic covers from right side of cargo area and tailgate.



(Fig 3) Temporarily reattach the check rod

STEP 2

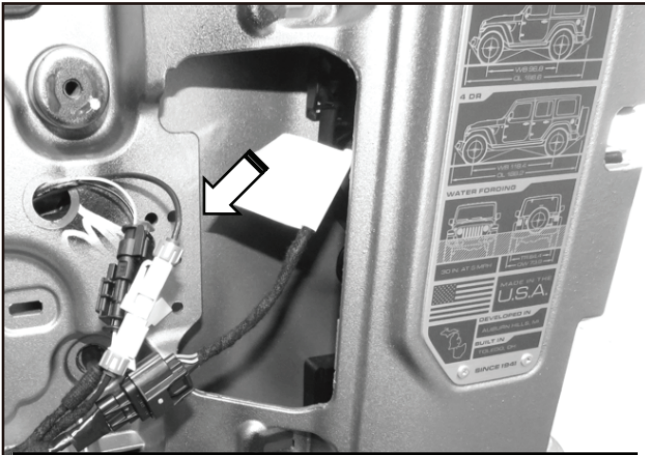
Next, open the tailgate and remove the bolt attaching the door stop check rod to the tailgate (Fig 2). Remove the plastic covers from the tailgate and the right side of the cargo area (Figs 2 & 3). Temporarily reattach the check rod to prevent the door from opening too far.

STEP 3

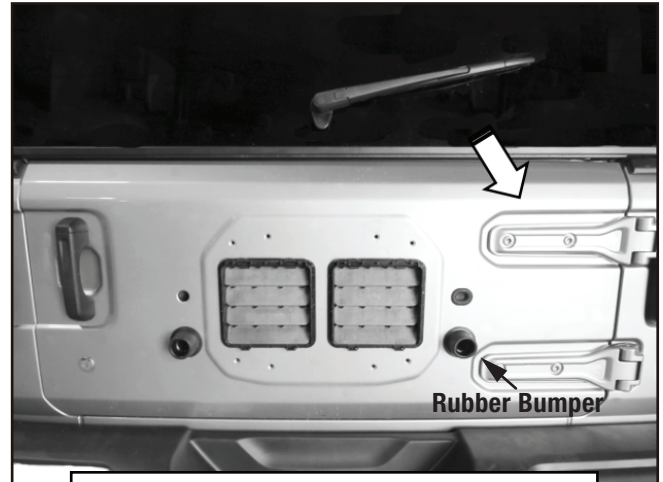
Locate the camera and CHMSL, (Center High-Mount Stop Light), harness connectors on the back of the tailgate (Figs 3 & 4). Unplug the connectors from the back and pull the wires out through the outer hole in the tailgate.



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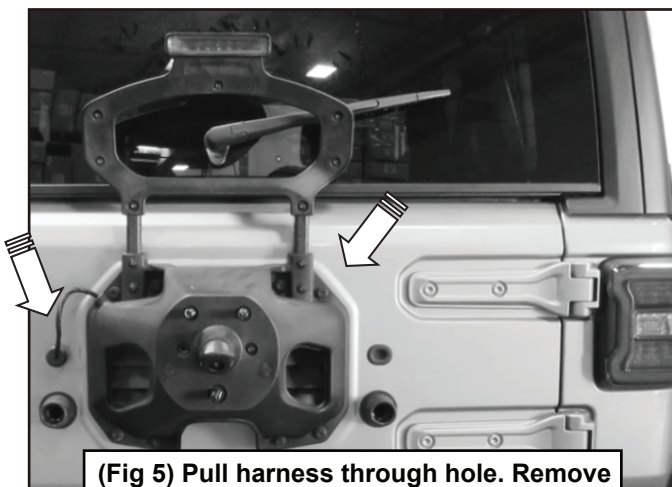
(Fig 4) Disconnect the connectors for the camera and light. Pull harness out through hole



(Fig 6) Open door and remove check rod. Remove screws attaching tailgate to hinges (arrow) and remove tailgate

STEP 4

Remove the (8) factory bolts attaching the OE spare tire carrier and brake light assembly to the tailgate and move it to a clean stable surface (Figs 5 & 6).



(Fig 5) Pull harness through hole. Remove the spare tire carrier from the tailgate

STEP 5

Remove the rubber bumper/tire support attached to the tailgate next to the lower hinge (Figs 5 & 6).

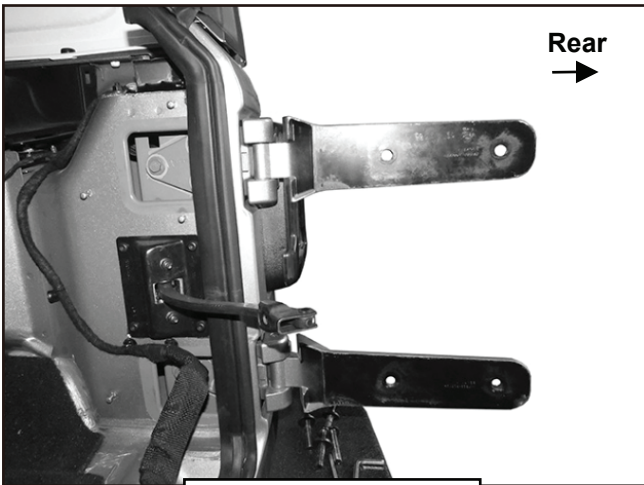
STEP 6

Next, open the tailgate and remove the bolt attaching the door stop check rod to the tailgate. With assistance, remove the (4) factory hinge bolts from the door and move the door to a clean stable work surface (Fig 6).

STEP 7

Remove the (2) factory hinges from the passenger/right side of the cargo area (Fig 7).

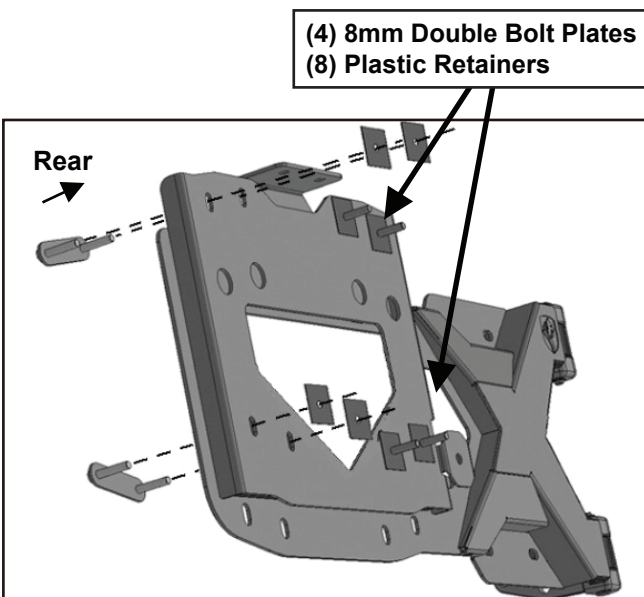
NOTE: Square vinyl stickers may need to be peeled off from passenger side cargo area to reveal hinge compartment. Use a razor if necessary.



(Fig 7) Remove hinges

STEP 8

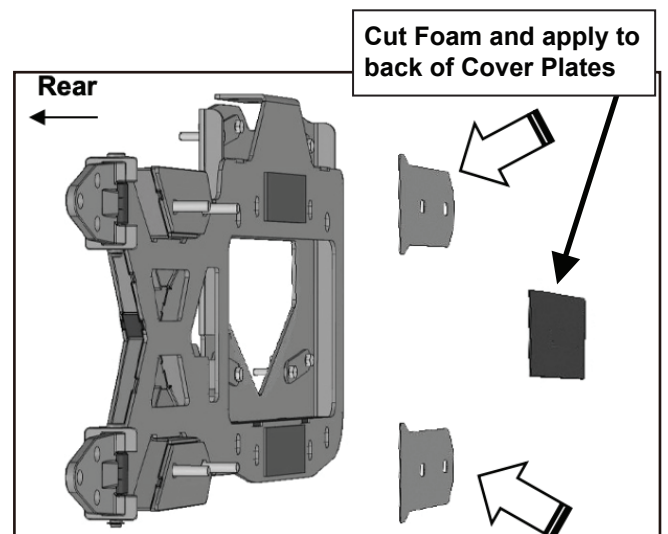
Select (4) 8mm Double Bolt Plates and (8) 8mm Plastic Retainers. Insert (1) 8mm Double Bolt Plate through the back of the Relocation Mount. Thread (2) 8mm Plastic Retainers up tight against the Mount to hold the Bolt Plate in place during installation (Fig 8). Repeat this STEP to install the remaining (3) Double Bolt Plates.



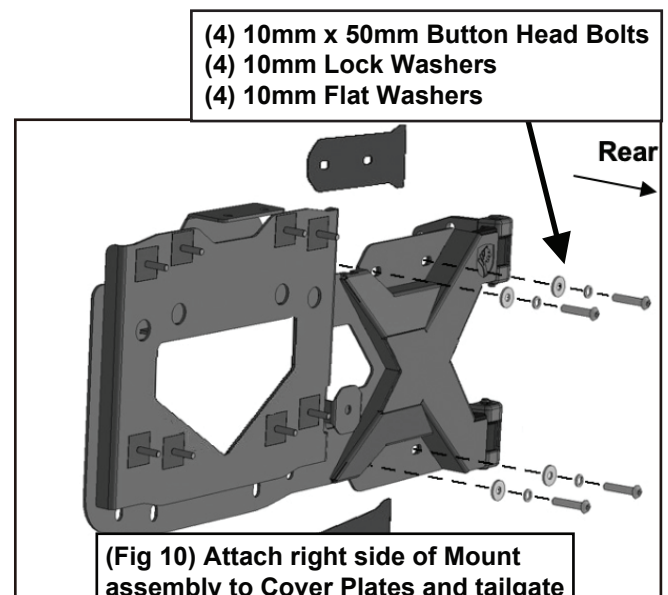
(Fig 8) Use Plastic Retainers to hold Bolt Plates in place

STEP 9

Cut to fit and apply the Adhesive Backed Foam to the back of the (2) Cover Plates (Fig 9). Place the (2) Cover Plates in position on the right side mounting locations. Carefully place the Mount Assembly onto the tailgate. Attach the right side of the Mount to the door hinge location and Cover Plates with the included (4) 10mm Button Head Bolts, (4) 10mm Lock Washers and (4) 10mm Flat Washers (Figs 10 & 12). Snug but DO NOT fully tighten hardware at this time.



(Fig 9) Apply Foam to back of Cover Plates (arrows). Insert Cover Plates between tailgate and right side of Mount (back of Mount illustrated)



(Fig 10) Attach right side of Mount assembly to Cover Plates and tailgate (front of Mount illustrated)



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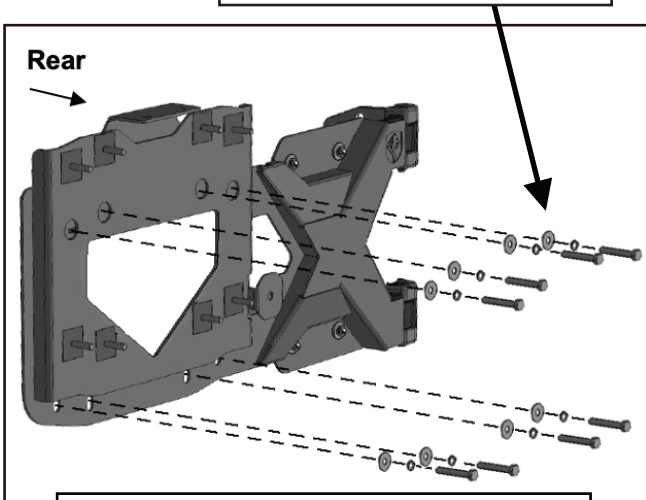


(Fig 12) Mount assembly attached to tailgate. Reuse factory screws to attach tailgate assembly to vehicle. Reattach check rod and passenger side plastic cover

STEP 10

Attach the left side of the Mount to the tailgate with the included (8) 8mm x 55mm Hex Bolts, (8) 8mm Lock Washers and (8) 8mm x 24mm Flat Washers (Figs 11 & 12). Center the Mount with the mounting holes but DO NOT tighten hardware at this time.

(8) 8mm x 55mm Hex Bolts
(8) 8mm Lock Washers
(8) 8mm x 24mm Flat Washers



(Fig 11) Attach Mount assembly to tailgate

STEP 11

With assistance, pick up the assembly and carefully slide the hinges into the right side of the cargo area. Reuse the factory hex bolts to attach the hinges to the vehicle. Slowly close the tailgate and check for alignment. Adjust the hinges and Mount as necessary to line up the tailgate with the vehicle. Fully tighten all mounting hardware at this time.

STEP 12

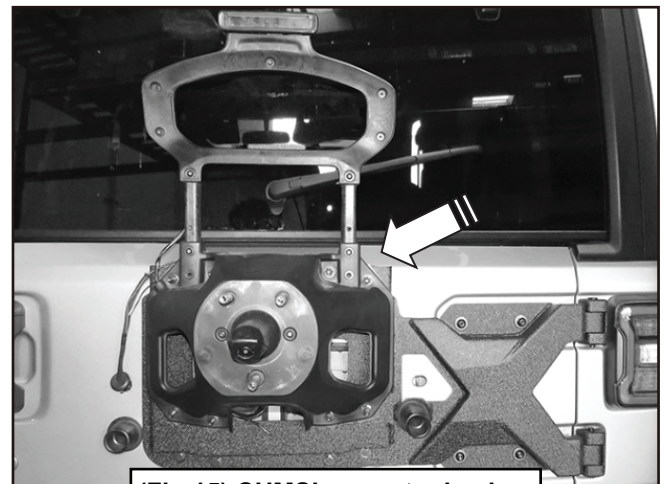
Reinstall the right side plastic cover and attach the check rod door stop.

STEP 13

Reinstall the right side plastic cover and attach the check rod door stop.

STEP 14

Level and adjust the spare tire carrier and tighten the hardware. Attach the rubber bumper removed in **STEP 5** to the center location on the Spare Tire Mount (Fig 15).



(Fig 15) CHMSL mount raised up one mounting hole to clear tire



STEP 15

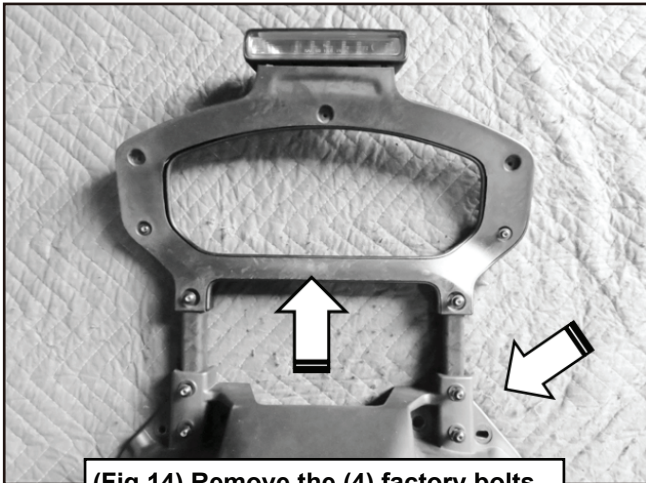
Reinstall the spare tire onto the tire carrier.

NOTE: Move the light connector wire away from the spare tire. Check for clearance around the spare tire, the CHMSL light bracket and the rubber bumpers. Spare tire should rest against the (2) rubber bumpers. **NOTE:** Depending on tire size and wheel offset, it may be necessary to replace the (2) rubber bumpers with the longer universal bumpers, (not included), available from the dealer.

Depending on tire and rim width, size and wheel offset, it may be necessary to raise the CHMSL, (3rd brake light) above the factory mount.

Raise light with factory light bracket and tire support.

a. Remove (4) screws attaching bottom of light mount to top of spare tire mount (Fig 14).



(Fig 14) Remove the (4) factory bolts. Move CHMSL mount up one mounting hole. Reattach with (2) factory bolts.

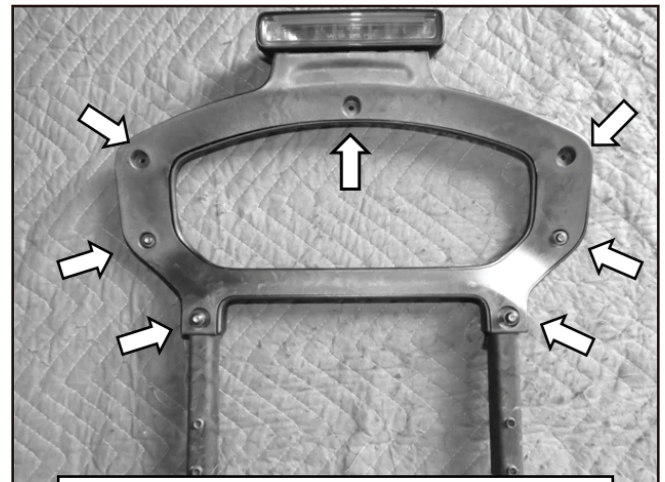
b. Slide factory bracket up and reuse (2) screws to reattach to top hole in bracket only (Figs 14 & 15).

c. Tighten hardware.

Raise light and increase clearance between top/back of spare tire and light bracket.

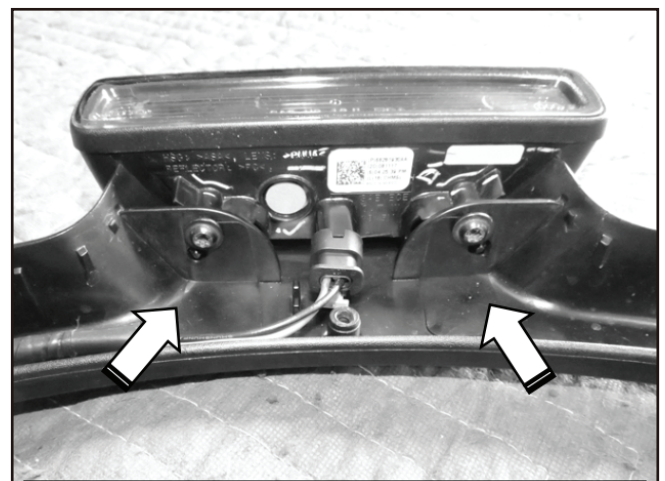
d. Remove (4) screws attaching bottom of light mount to top of spare tire mount (Fig 14).

e. Remove (7) screws from front of bracket to remove wire cover (Fig 16).



(Fig 16) Remove cover from CHMSL bracket

f. Remove light and wire harness from top of factory light bracket (Fig 17).

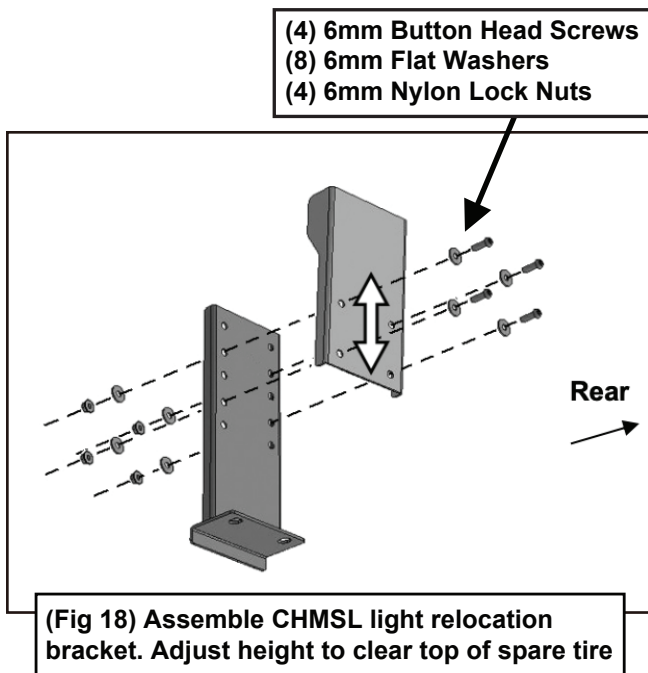


(Fig 17) Unplug/remove CHMSL light from bracket

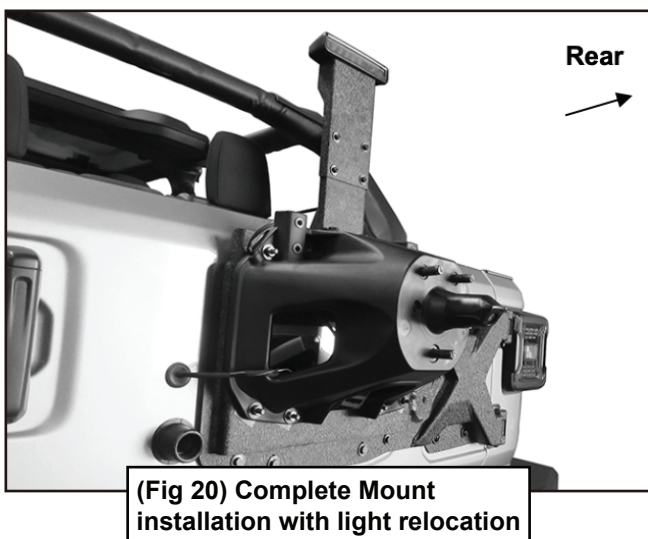


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g. Attach Upper Bracket to Lower Bracket with the included (4) 6mm x 20mm Button Head Screws, (8) 6mm Flat Washers and (4) 6mm Nylon Lock Nuts (Fig 18).

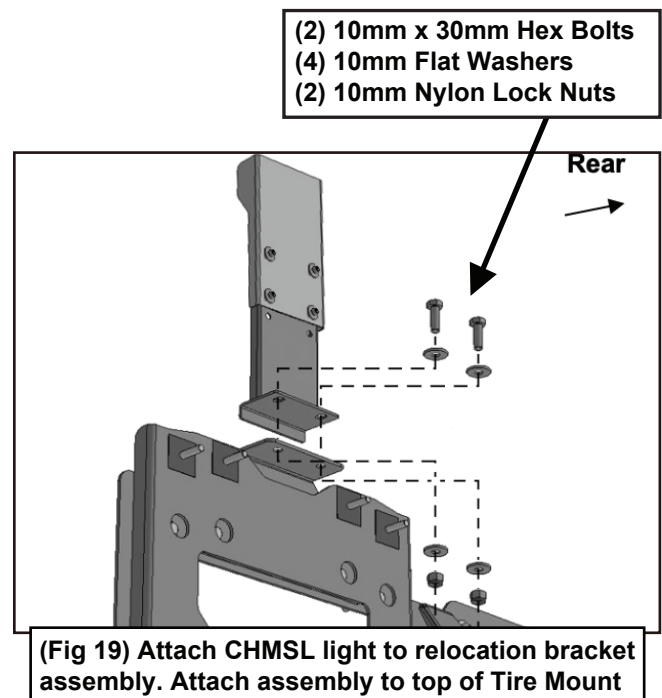


h. Attach light to top of Upper Light Bracket (Fig 20).



i. Check height and light clearance above spare tire and adjust as necessary.

j. Attach Light and Bracket assembly to top of Relocation Mount with the included (2) 10mm x 30mm Hex Bolts, (4) 10mm Flat Washers and (2) 10mm Nylon Lock Nuts (Fig 19). Fully tighten hardware.



k. Run wire harness down backside of Upper and Lower Light Bracket assembly.

l. Tighten hardware.

STEP 16

Remove spare tire. Push the camera and light harness through the hole in the tailgate and plug into factory harness (Figs 3 & 4).



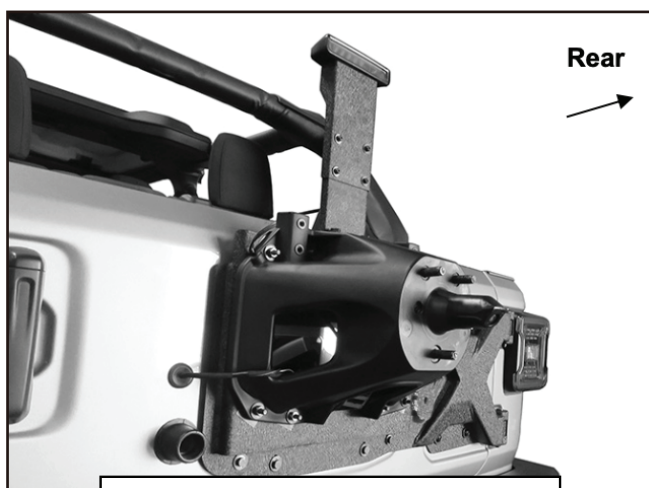
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STEP 17

Check tailgate, camera and light operation. Adjust as necessary and tighten all hardware. Reinstall plastic cover on tailgate.

STEP 18

Check tailgate, camera and light operation. Adjust as necessary and tighten all hardware. Reinstall plastic cover on tailgate.



(Fig 20) Complete Mount installation with light relocation

ATTENTION: To protect your investment, DO NOT use any type of polish or wax that may contain abrasives that could damage the finish. Mild soap may be used to clean the Spare Tire Relocation Kit.

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