



TIRE CARRIER

TG-TR8J88818

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BEFORE INSTALLATION

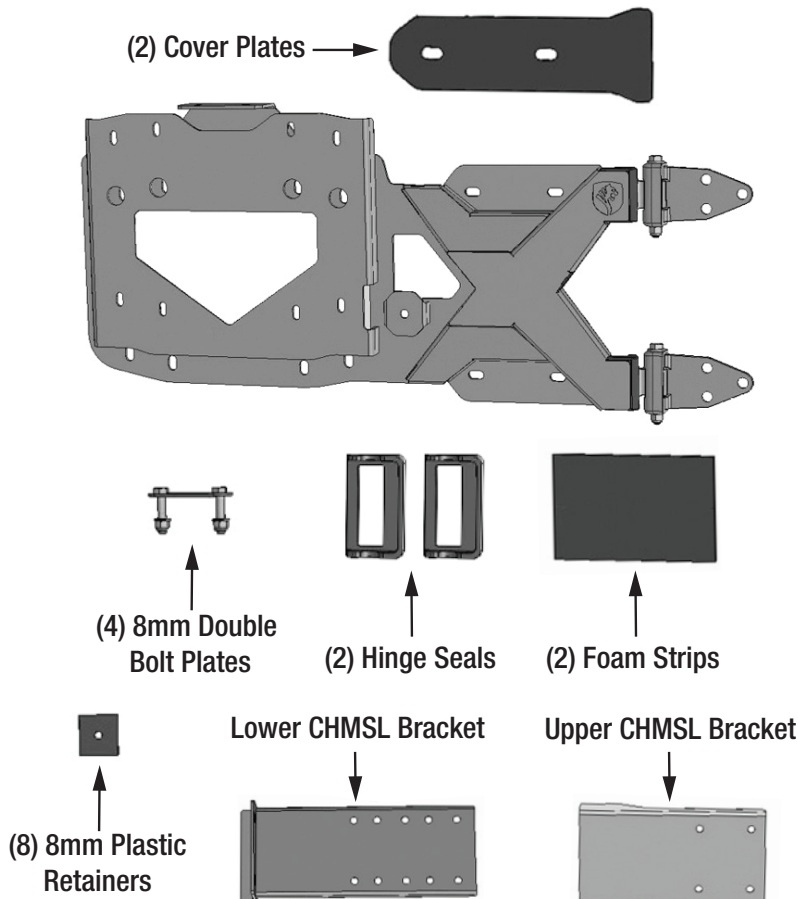
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT. FAILURE TO IDENTIFY DAMAGE BEFORE INSTALLATION COULD LEAD TO A REJECTION OF ANY CLAIM. IF MISSING PARTS OR ANY DAMAGE FOUND, PLEASE TAKE A PICTURE FOR THE CLAIM PURPOSE. TO FILE YOUR CLAIM, 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 Spare Tire Carrier
- x1 Upper CHMSL Light Relocation Bracket
- x1 Lower CHMSL Light Relocation Bracket
- x2 Cover Plates
- x2 Hinge Seals
- 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 18mm x 1.6mm Flat Washer
- x4 6mm Nylon Lock Nuts
- x1 6mm Wrench
- x1 4mm Wrench
- x2 Foam Strips (100mm x 80mm x 3mm)



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

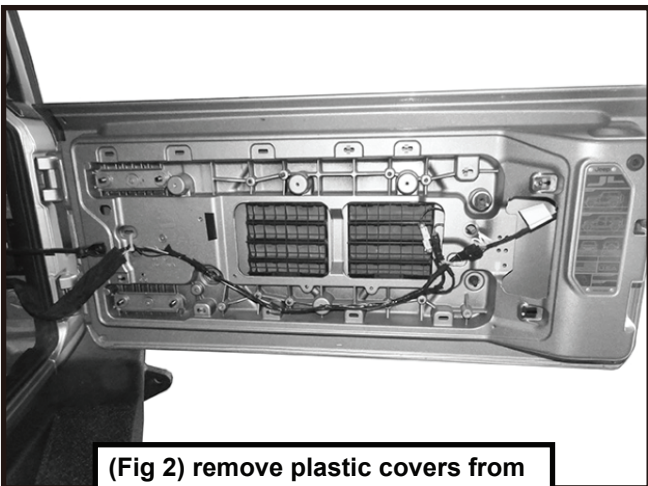
Start installation at the rear of the vehicle and remove the spare tire (Fig 1).



(Fig 1) Remove the spare tire

STEP 2

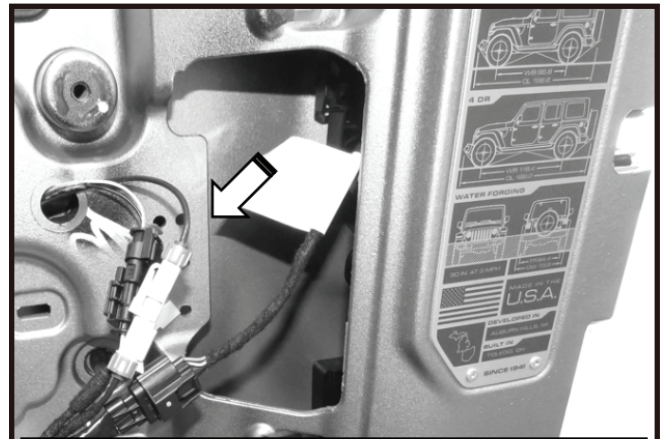
Remove the plastic covers from the tailgate and the right side of the cargo area (Fig 2).



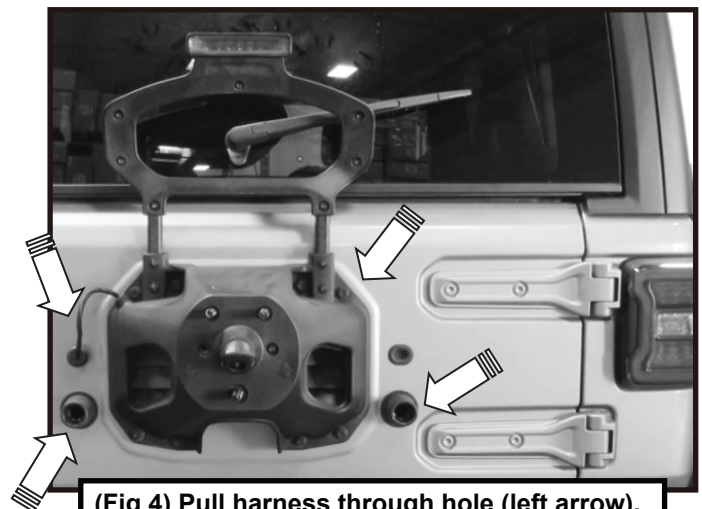
(Fig 2) remove plastic covers from right side of cargo area and tailgate

STEP 3

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



(Fig 3) Disconnect the connectors for the camera and light. Pull harness out through hole (arrow)



(Fig 4) Pull harness through hole (left arrow). Remove the spare tire carrier from the tailgate (right arrow) Remove the rubber bumper/tire support attached to the tailgate next to the lower hinge

STEP 4

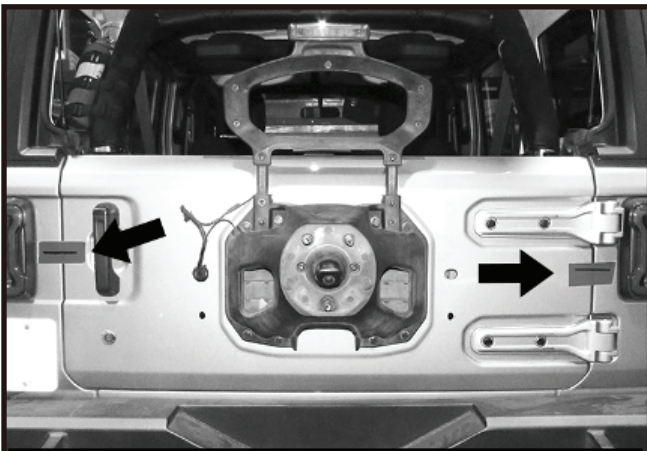
Remove the (8) factory bolts attaching the OE spare tire carrier and brake light assembly to the tailgate and move it to a clean, stable surface.

STEP 5

Remove the rubber bumper/tire support attached to the tailgate next to the lower hinge (Figs 4).

STEP 6

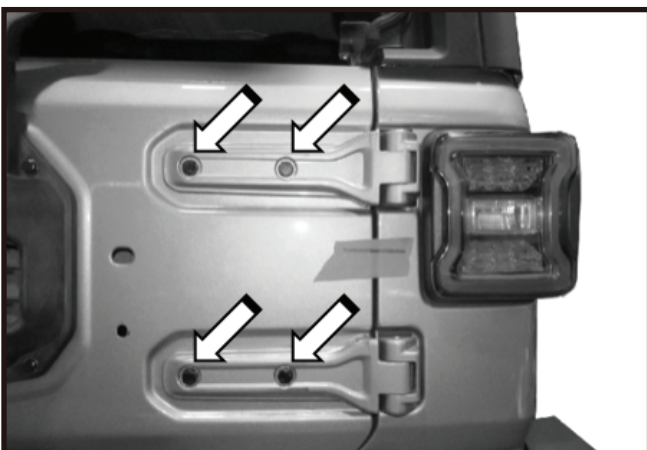
Place removable tape, (masking tape for example), on both sides of the rear door (Fig 5). Draw a straight reference line to help line up the rear door for easier reinstallation.



(Fig 5) Place removable tape on the rear door and body. Draw a horizontal reference line onto the tape (arrows) to make rear door reinstallation and adjustment easier.

STEP 7

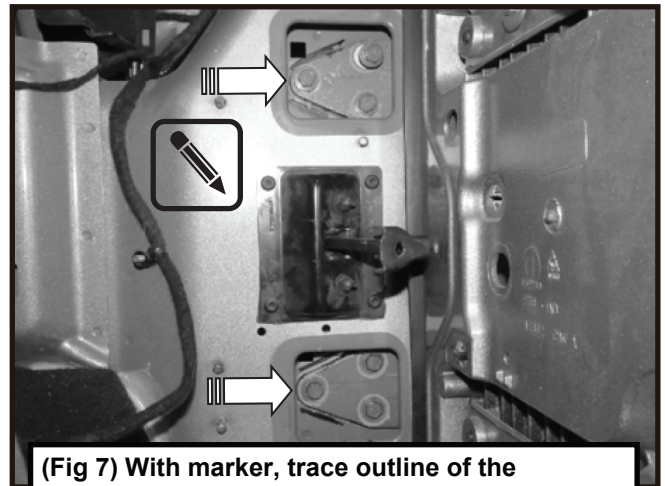
With assistance, remove the (4) factory hinge bolts from the tailgate (Fig 6).



(Fig 6) Remove screws attaching tailgate to hinges

STEP 8

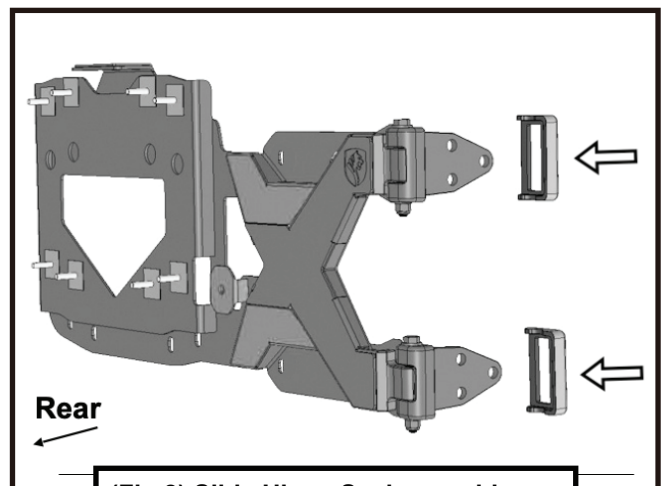
Use a marker to trace the outline of the hinges on the inside of the cargo area for reference and quicker reinstallation. Remove the (6) bolts securing factory hinges to the body and remove the (2) factory hinges from the passenger/right side of the cargo area (Fig 7).



(Fig 7) With marker, trace outline of the triangular hinge mounting base as positional reference. Remove (6) factory bolts then remove both hinges.

STEP 9

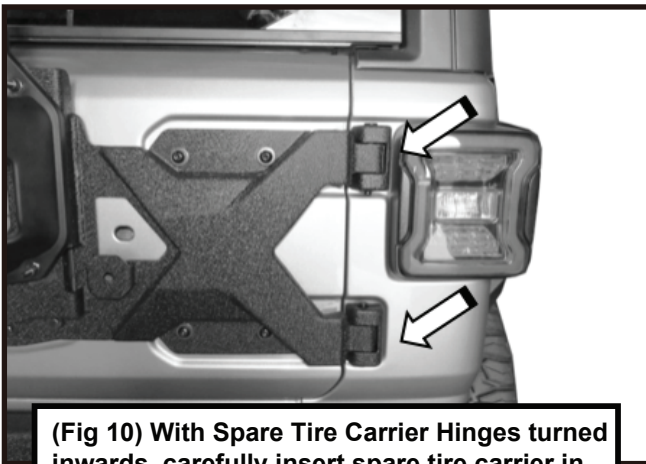
Slide the (2) Hinge Seals over the end of the Spare Tire Carrier Hinge Plate all the way up against the Hinges (Figs 8 & 9). Carefully insert Spare Tire Carrier Hinges into body openings and loosely install using (6) Factory Bolts removed from **STEP 8** (Fig 10).



(Fig 8) Slide Hinge Seals over hinges



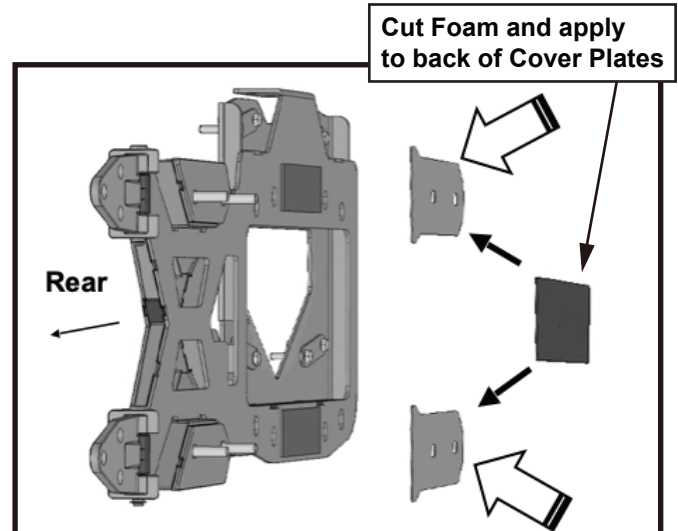
(Fig 9) Top Hinge Seal installed



(Fig 10) With Spare Tire Carrier Hinges turned inwards, carefully insert spare tire carrier in body opening and loosely install using (6) factory bolts removed in previous Step 8.

STEP 11

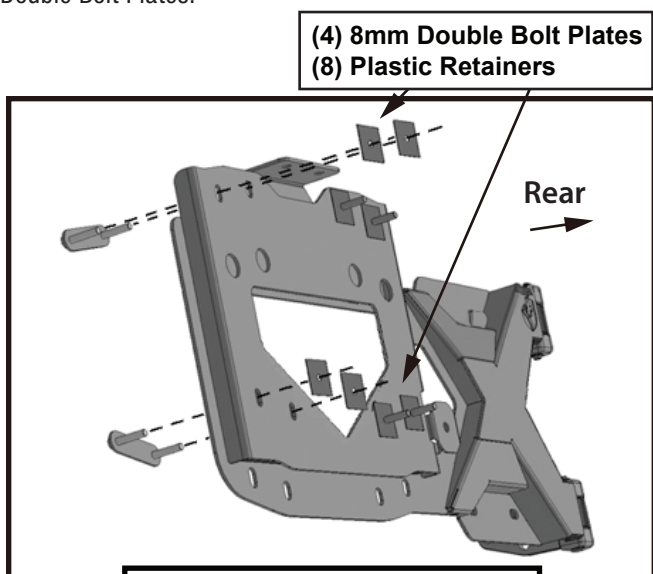
Cut to fit and apply the Adhesive Backed Foam to the back of the (2) Cover Plates (Fig 12). Place the (2) Cover Plates in position on the right side mounting locations.



(Fig 12) Apply Foam to back of Cover Plates (arrows). Insert Cover Plates between tailgate and right side of Mount (back of Mount illustrated)

STEP 10

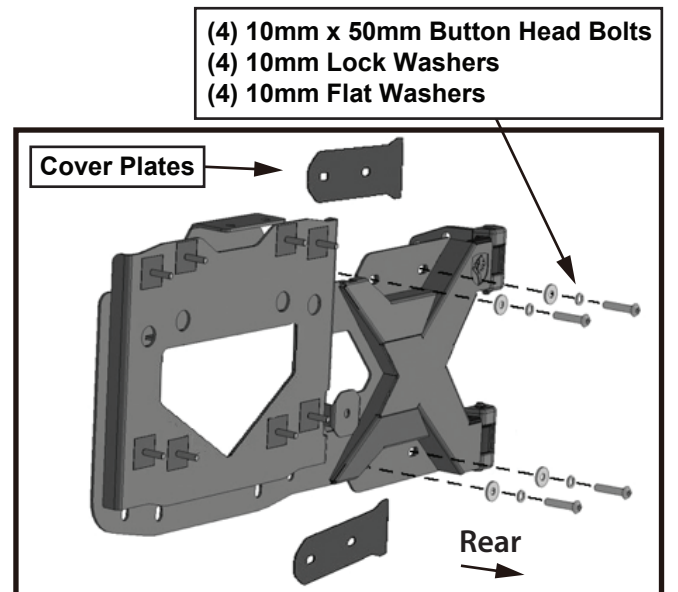
Select (4) 8mm Double Bolt Plates and (8) 8mm Plastic Retainers. Insert (1) 8mm Double Bolt Plate through the back of the Relocation Mount. Thread (2) 8mm Plastic Retainers up tight against the Mount to hold the Bolt Plate in place during installation (Fig 11). Repeat this Step to install the remaining (3) Double Bolt Plates.



(Fig 11) Use Plastic Retainers to hold Bolt Plates in place

STEP 12

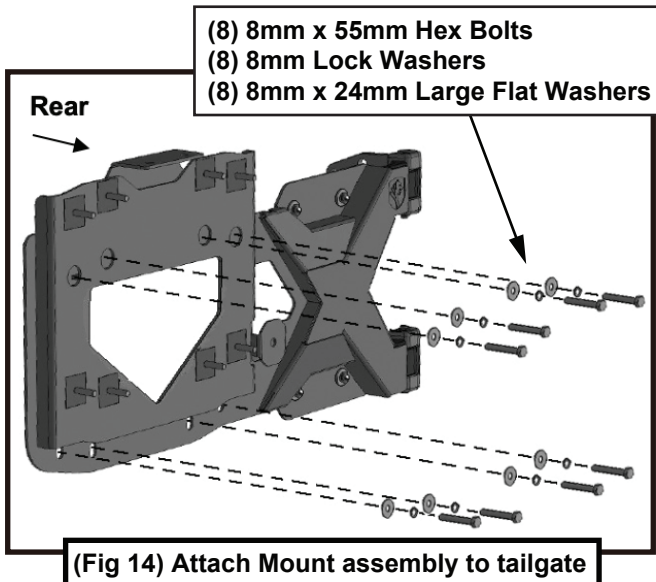
Carefully place the Spare Tire Carrier Assembly onto the tailgate. Attach the right side of the Mount to the door hinge location and Cover Plates with the included (4) 10mm Button Head Bolts, (4) 10mm Lock Washers and (4) 10mm Flat Washers (Fig 13). Snug but DO NOT fully tighten hardware at this time.



(Fig 13) Attach right side of Mount assembly to Cover Plates and tailgate

STEP 13

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 Large Flat Washers (Fig 14). Center the Mount with the mounting holes but DO NOT tighten hardware at this time.



STEP 14

Adjust the hinges and Mount as necessary to line up the tailgate with the vehicle and reference lines (see **STEPS 5 & 7**). Fully tighten all mounting hardware.

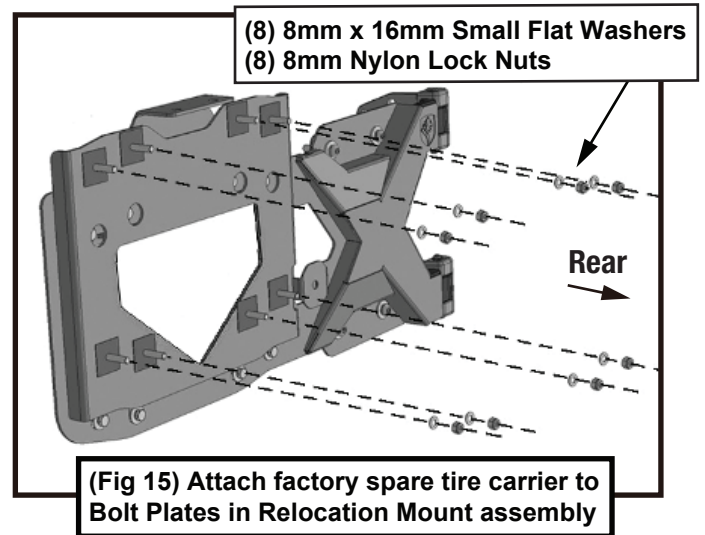
Pro Tip: Reinstalling the spare tire carrier assembly after lining up tailgate and Mount will allow for easier time adjusting Mount Assembly position and tailgate position on vehicle.

STEP 15

Reinstall the right side plastic cover (Fig 2).

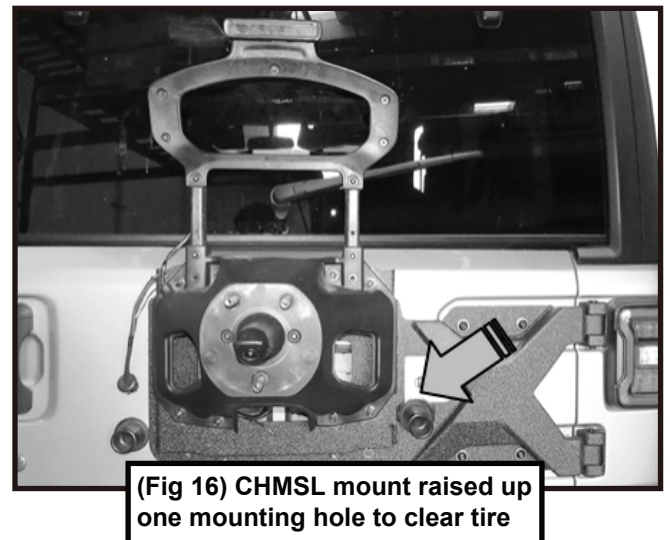
STEP 16

Attach the spare tire carrier assembly to the (4) 8mm Double Bolt Plates on the Relocation Mount using (8) 8mm x 16mm Small Flat Washers and (8) 8mm Nylon Lock Nuts (Fig 15).



STEP 17

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 16).



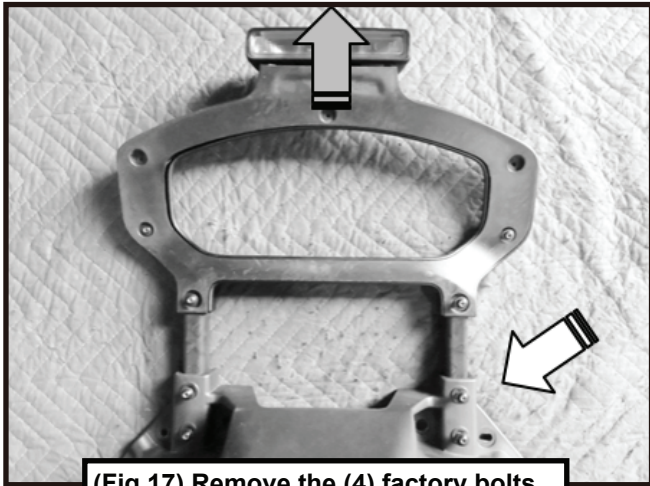
STEP 18

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.

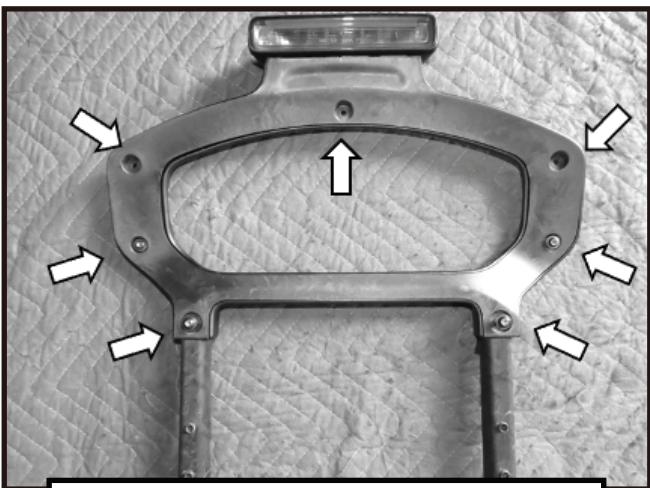
- Remove (4) screws attaching bottom of light mount to top of spare tire mount (Fig 17).
- Slide factory bracket up and reuse (2) screws to reattach to top hole in bracket only (Figs 16 & 17).
- Tighten hardware.



(Fig 17) Remove the (4) factory bolts. Move CHMSL mount up one mounting hole. Reattach with (2) factory bolts.

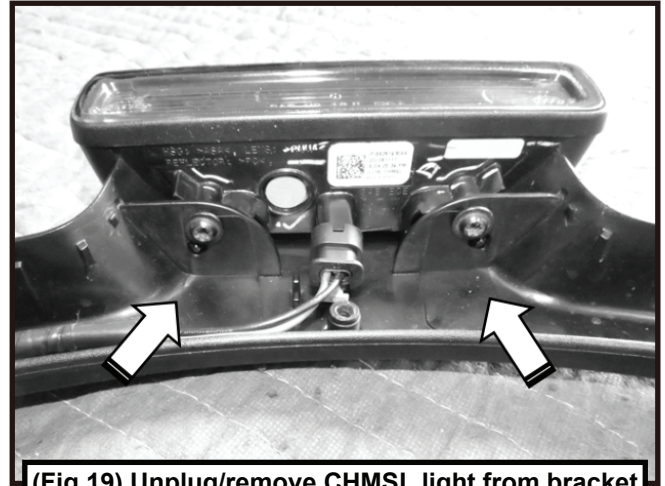
Raise light and increase clearance between top/back of spare tire and light bracket.

- Remove (4) screws attaching bottom of light mount to top of spare tire mount (Fig 17).
- Remove (7) screws from front of bracket to remove wire cover (Fig 18).



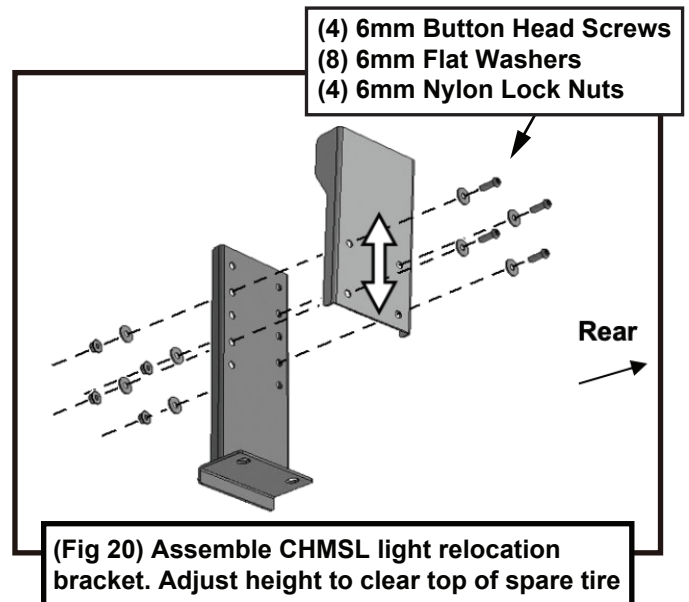
(Fig 18) Remove cover from CHMSL bracket

- Remove light and wire harness from top of factory light bracket, (Fig 19).



(Fig 19) Unplug/remove CHMSL light from bracket

- 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 20).



(Fig 20) Assemble CHMSL light relocation bracket. Adjust height to clear top of spare tire

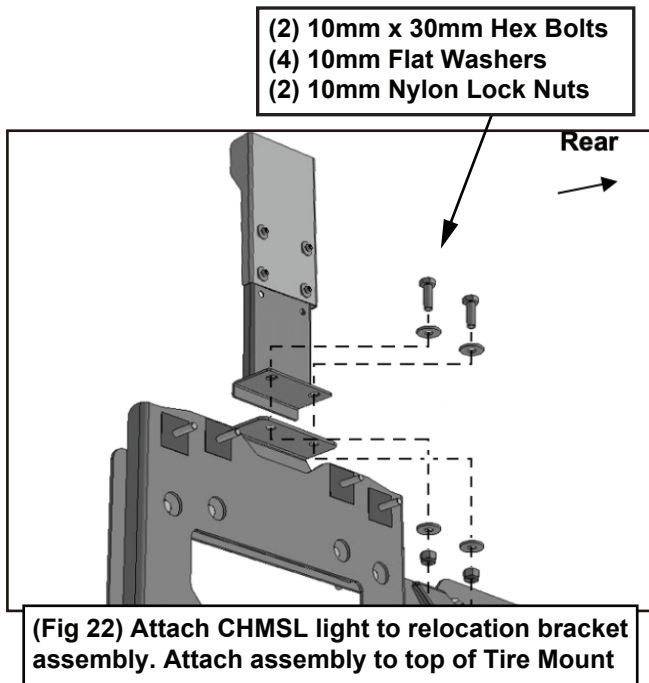
- Attach light to top of Upper Light Bracket (Fig 21).



(Fig 21) Complete Mount installation with light relocation

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

g. 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 22). Fully tighten hardware.



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

i. Tighten hardware.

STEP 19

Remove spare tire. Push the camera and light harness through the hole in the tailgate and plug into factory harness (Figs 3, 4 & 22).

STEP 20

Do periodic inspections to the installation to make sure that all hardware is secure and tight.

STEP 21

Do periodic inspections to the installation to make sure that all hardware is secure and tight.