



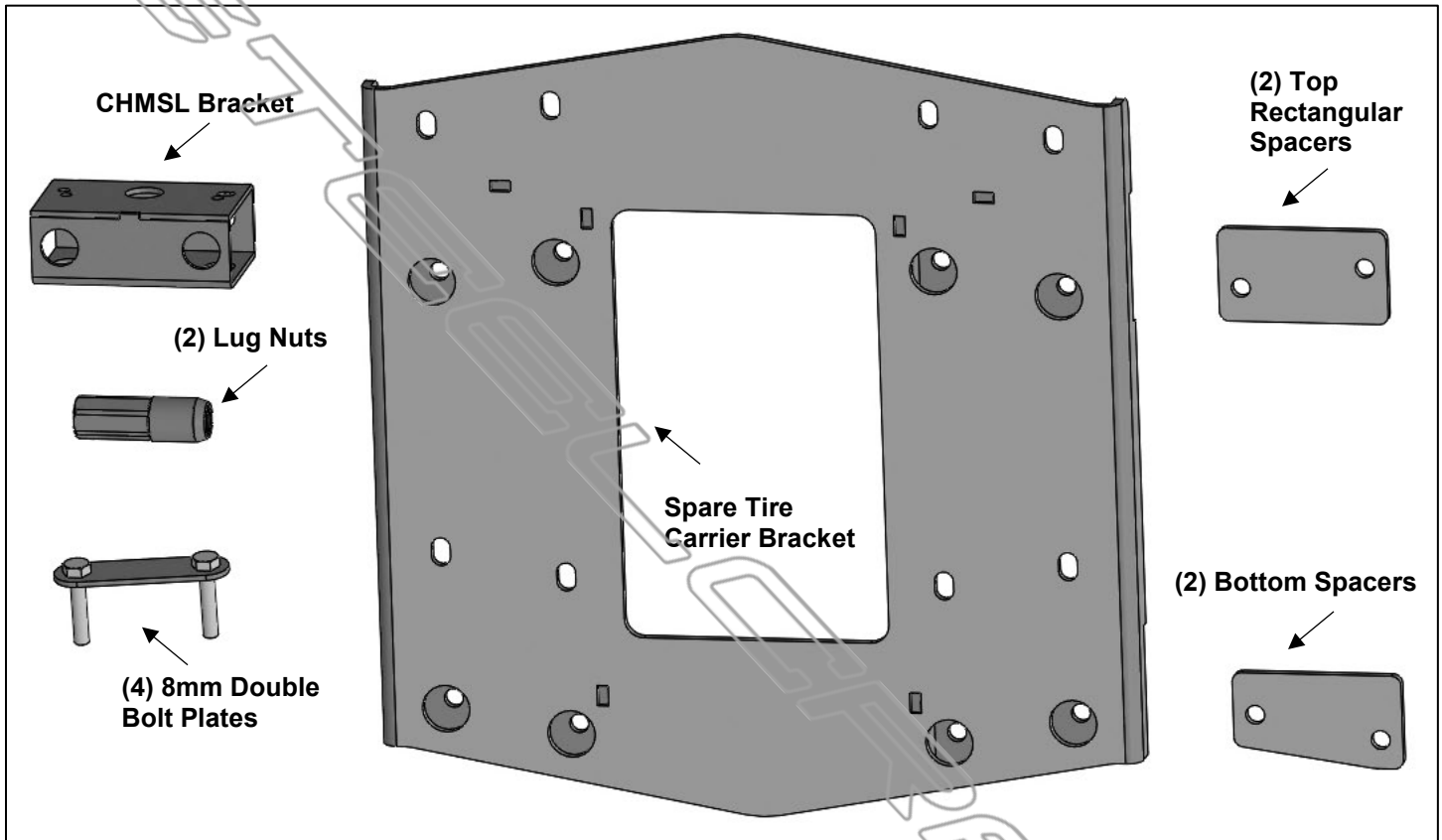
INSTALLATION INSTRUCTIONS

**SPARE TIRE RELOCATION KIT
2018 JEEP WRANGLER JL**

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PARTS LIST:

1	Spare Tire Carrier Relocation Bracket	2	8-1.25mm x 25mm Hex Bolts
2	Top Rectangular Spacers	8	8mm Plastic Retainers
2	Bottom Spacers	8	8mm x 24mm x 2mm Flat Washers
1	CHMSL Bracket	10	8mm x 16mm x 1.6mm Flat Washers
2	14-1.5mm x 50mm Fine Thread & 8-1.25mm x 20mm Lug Nuts	10	8mm Lock Washers
8	8-1.25mm x 55mm Hex Bolts	8	8-1.25mm Nylon Lock Nuts
4	8-1.25mm x 40mm Double Bolt Plates		



PROCEDURE:

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

1. **IMPORTANT:** Please read the following carefully and determine the proper installation.
 - a. If installing **ONLY** the **Spare Tire Relocation Kit**, then proceed to **Step 2**. **NOTE:** It is **highly recommended** to install the **Reinforcement Plate**, (Sold Separately), with the Spare Tire Relocation Kit.
 - OR
 - b. If installing the **Spare Tire Relocation Kit & Reinforcement Plate**, (Sold Separately), then proceed to **Step 5**. **NOTE:** Start installation with the Reinforcement Plate instructions first.
2. Start installation at the rear end of the vehicle, remove the (3) factory lug nuts holding the spare tire in place, (**Figure 1**). Remove spare tire and set aside.
3. Next, open the tailgate and locate the camera and CHMSL, (3rd brake light), connectors, (**Figure 2**). Unplug the connectors from the back and pull the wires out through the hole, (**Figure 3**).
4. Remove the (8) factory bolts attaching the spare tire carrier to the tailgate and move to a stable clean surface, (**Figures 4 & 5**).

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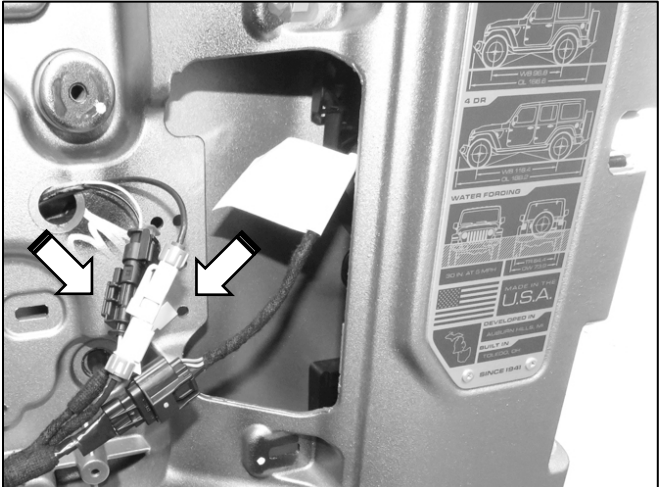
5. Select the Spare Tire Carrier Relocation Bracket, (4) 8mm Double Bolt Plates and (8) 8mm Plastic Retainers. Insert (1) 8mm Double Bolt Plate through the back of the Bracket slots. Thread (2) 8mm Plastic Retainers up tight against the Bracket to hold the Bolt Plate in place during Bracket installation, **(Figure 6)**. Repeat this Step for the remaining (3) pairs of slots in the Bracket.
6. Select (1) Top Rectangular Spacer and (1) Bottom Spacer. Insert (2) 8mm x 55mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm x 24mm Flat Washers through the **driver/left side** large top holes of the Relocation Bracket and out through the Top Spacer holes. Repeat this step to attach the Bottom Spacer to the back of the **driver/left side** bottom of the Bracket, **(Figures 7 & 8)**.
7. **If installing both the Spare Tire Relocation Kit & the Reinforcement Plate**, then continue to **Step 9**.
8. **ONLY Spare Tire Relocation Kit installation:**
 - a. Select the remaining Top Rectangular Spacer and Bottom Spacer.
 - b. Repeat **Step 6** to install the Spacers on the **passenger/right side** of the Bracket, **(Figure 9)**.
9. Next, carefully hold the Relocation Bracket assembly up to the tailgate. Attach the Bracket to the tailgate using the (3) 8mm x 55mm Hex Bolts, (8) 8mm Lock Washers and (8) 8mm x 24mm Flat Washers, **(Figures 8 & 9)**. Center the Bracket and tighten Bracket hardware.
10. Select the factory spare tire carrier. Remove the (4) factory bolts attaching the main body of the spare tire carrier to the top CHMSL assembly, **(Figure 10)**.
11. Remove the (7) factory bolts from the top CHMSL assembly to uncover the mounting location of the light, **(Figure 11)**.
12. Remove the (2) factory bolts holding the brake light in place and unplug the connector from the light, **(Figures 12 & 13)**. Set the light aside.
13. Attach the main body of the spare tire carrier to the (4) 8mm Double Bolt Plates on the Relocation Bracket using (8) 8mm x 16mm Flat Washers and (8) 8mm Nylon Lock Nuts, **(Figure 14)**.
14. Level and adjust the spare tire carrier and tighten only the tire carrier hardware.
15. Push the camera and light connectors through the hole in the tailgate and plug in, **(Figures 2 & 3)**.
16. Reinstall the spare tire onto the tire carrier using the provided (2) **14mm/8mm** Special Lug Nuts and lower factory lug nut, **(Figure 15)**. **NOTE:** Move the light connector wire away from the spare tire.
17. Attach the CHMSL Bracket to the (2) **14mm/8mm** Lug Nuts using (2) 8mm x 25mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm x 16mm Flat Washers, **(Figure 16)**.
18. Next, run the light connector through the front center hole and up through the top center hole on the Bracket, **(Figure 17)**. Plug the connector to the light. Reuse the (2) factory bolts to attach the brake light to the top of the Bracket, **(Figure 18)**.
19. Level and center the CHMSL assembly and tighten all hardware.
20. **On installations for both the Spare Tire Relocation Kit & Reinforcement Plate:** Tighten and adjust the 10mm hardware on the door hinge to properly align the marked line or tape (See separate Reinforcement Plate instruction sheet **Step 3 & Figure 6**).
21. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

To protect your investment, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. 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.

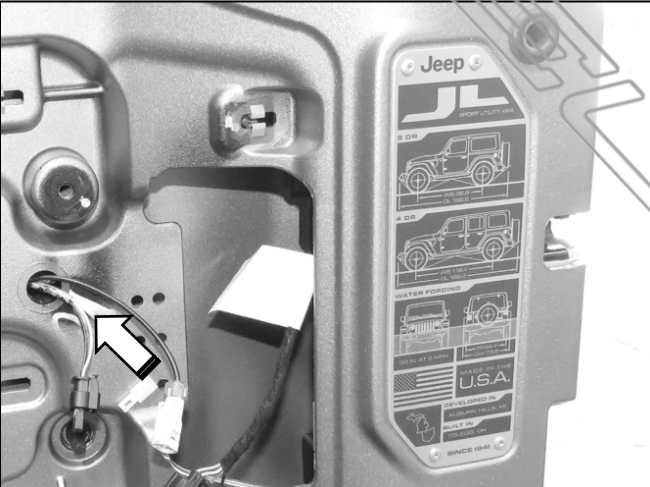
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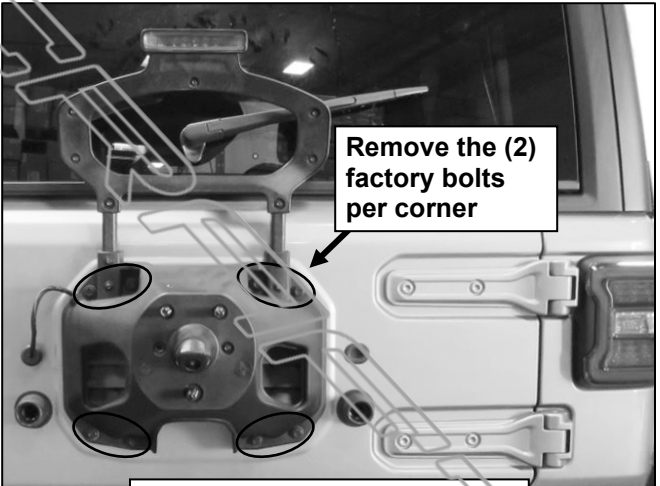
(Fig 1) Remove the (3) factory lug nuts to remove the Spare Tire from the back of the vehicle



(Fig 2) Open the tailgate of the vehicle and locate the camera and light connectors



(Fig 3) Disconnect the wires and pull the wires out through the hole



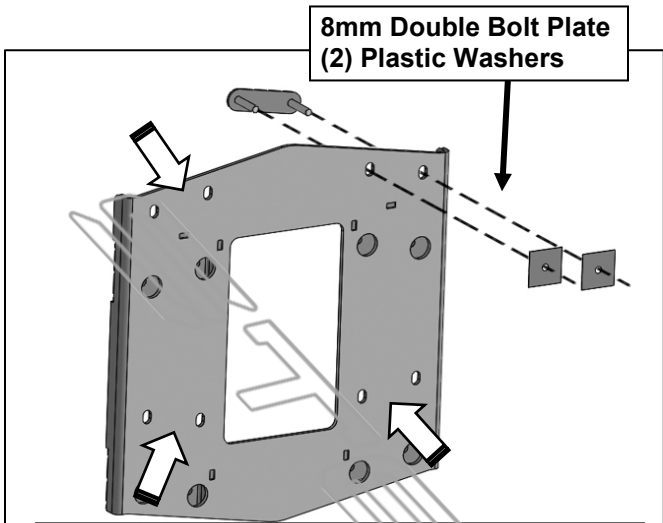
Remove the (2) factory bolts per corner

(Fig 4) Remove the spare tire carrier from the tailgate

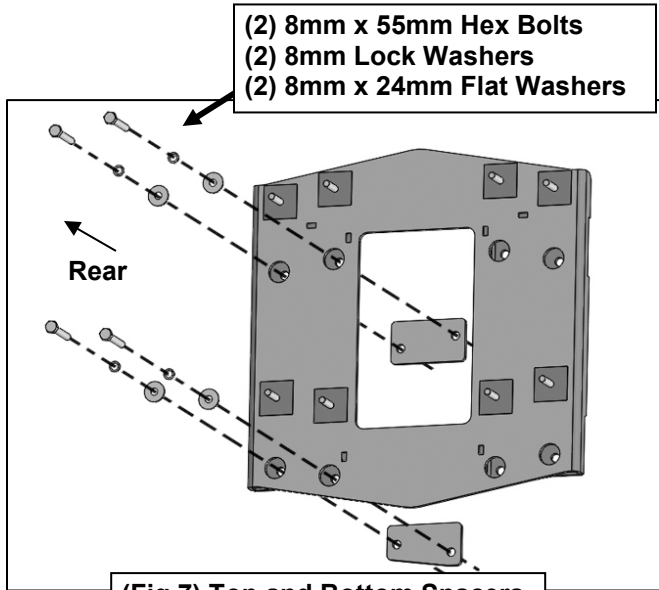


(Fig 5) Spare tire carrier removed from tailgate

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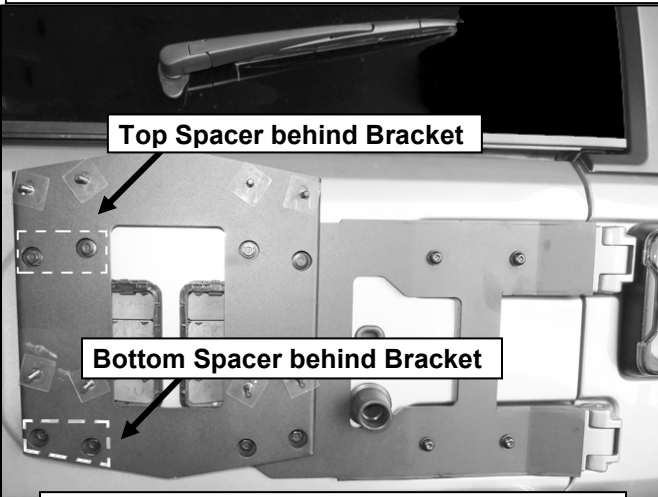


(Fig 6) Insert (1) Double Bolt Plate through the back of the Spare Tire Bracket slots and out through the front for each corner. (arrows). **NOTE:** The Plastic Washers are used to keep the Bolt Plate in place during installation.



(Fig 7) Top and Bottom Spacers attached to the Bracket

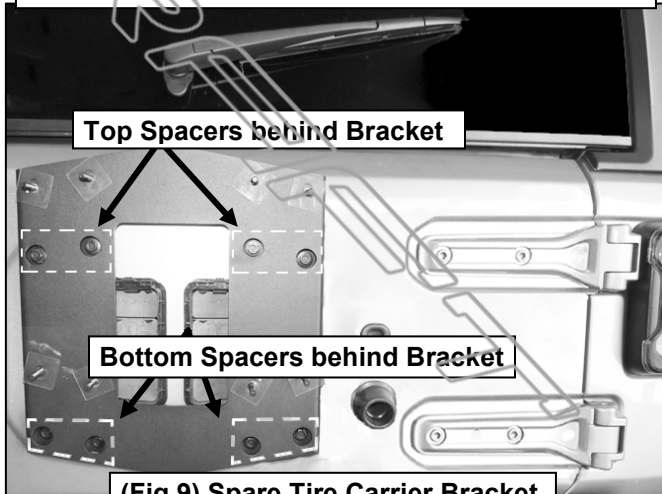
NOTE: If installing the Spare Tire Relocation Kit & the Reinforcement Bracket, then **ONLY** install the driver/left side Top and Bottom Spacers.



(Fig 8) Spare Tire Carrier Bracket attached to the tailgate and Reinforcement Bracket

IMPORTANT: It is highly recommended to install the Reinforcement Bracket (Sold separately) with the Spare Tire Carrier Bracket.

NOTE: If **ONLY** installing the Spare Tire Bracket, then install all 4 Top and Bottom Spacers.

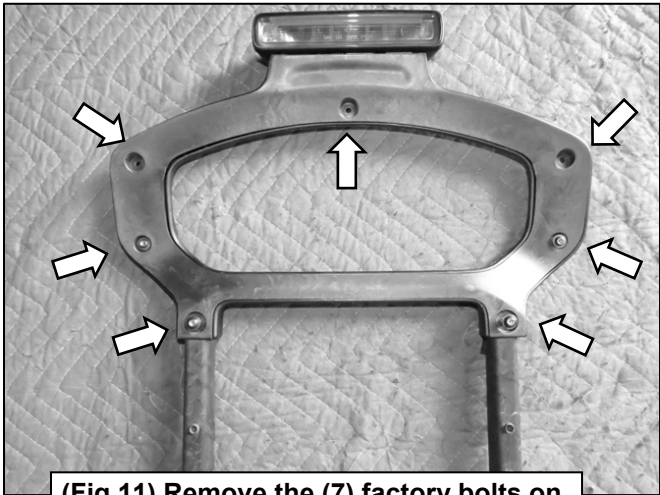


(Fig 9) Spare Tire Carrier Bracket attached to tailgate **ONLY**

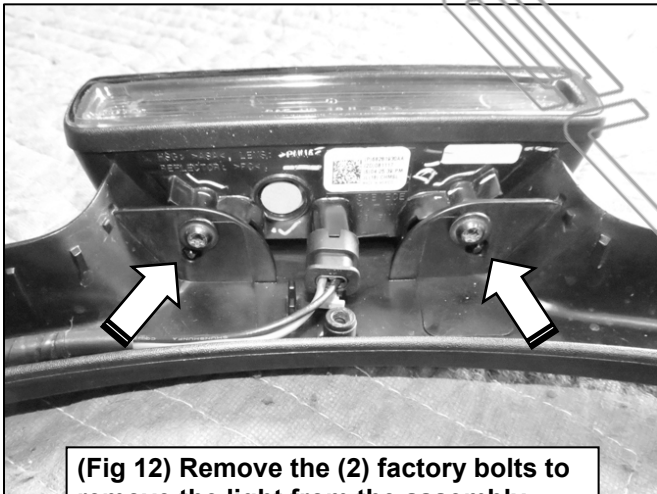
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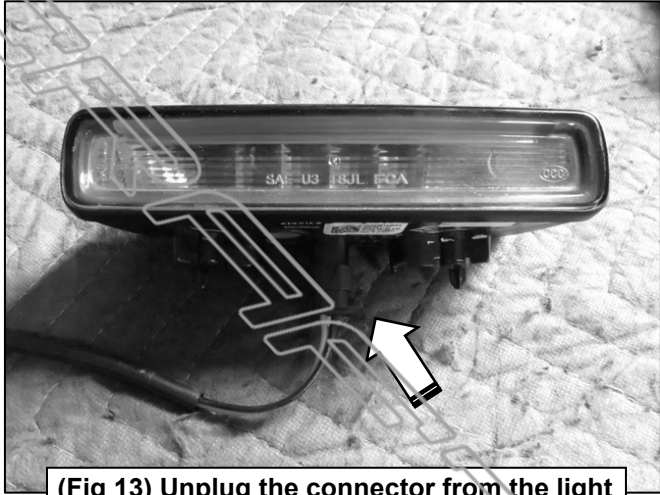
(Fig 10) Remove the (4) factory bolts to detach the main body of the spare tire carrier from the top CHMSL assembly



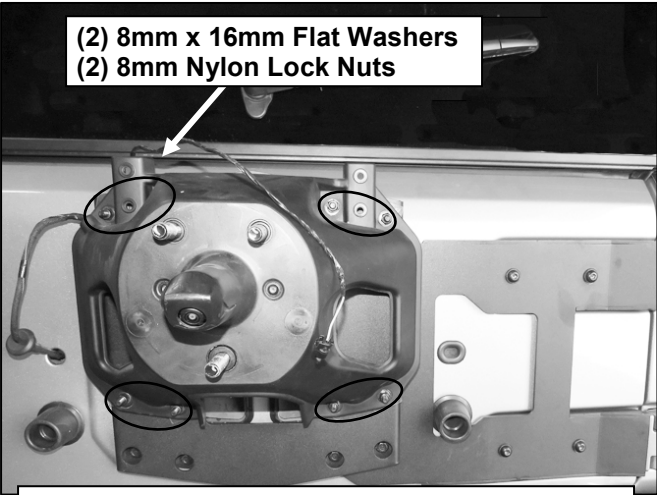
(Fig 11) Remove the (7) factory bolts on the assembly to uncover the mounting location of the CHMSL, (3rd brake light)



(Fig 12) Remove the (2) factory bolts to remove the light from the assembly



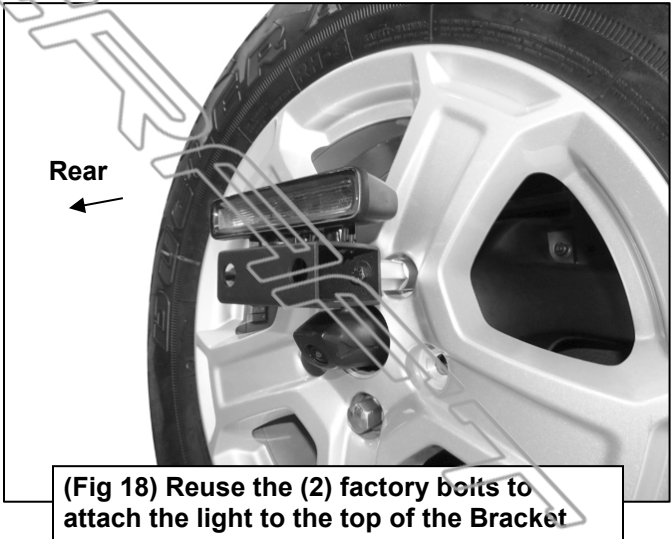
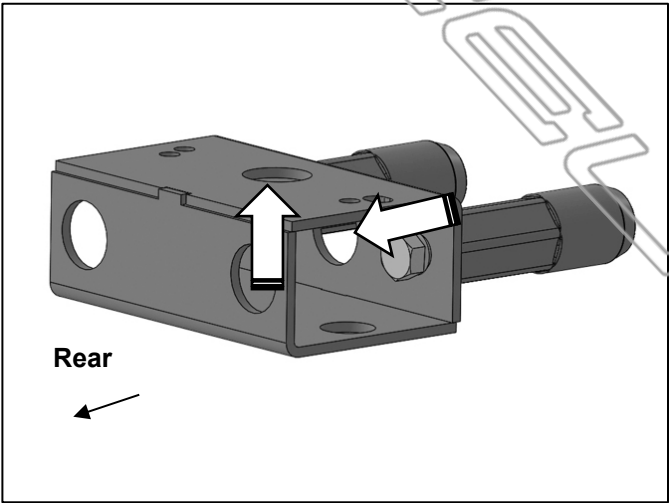
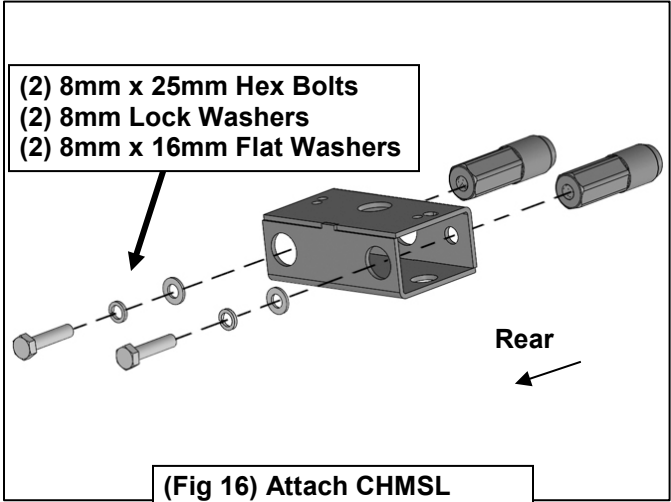
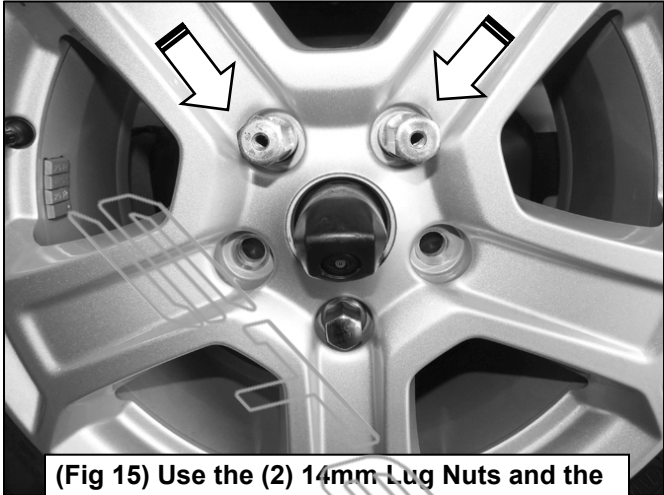
(Fig 13) Unplug the connector from the light



**(2) 8mm x 16mm Flat Washers
(2) 8mm Nylon Lock Nuts**

(Fig 14) Attach the main body of the spare tire carrier to the (4) Bolt Plates on the Bracket

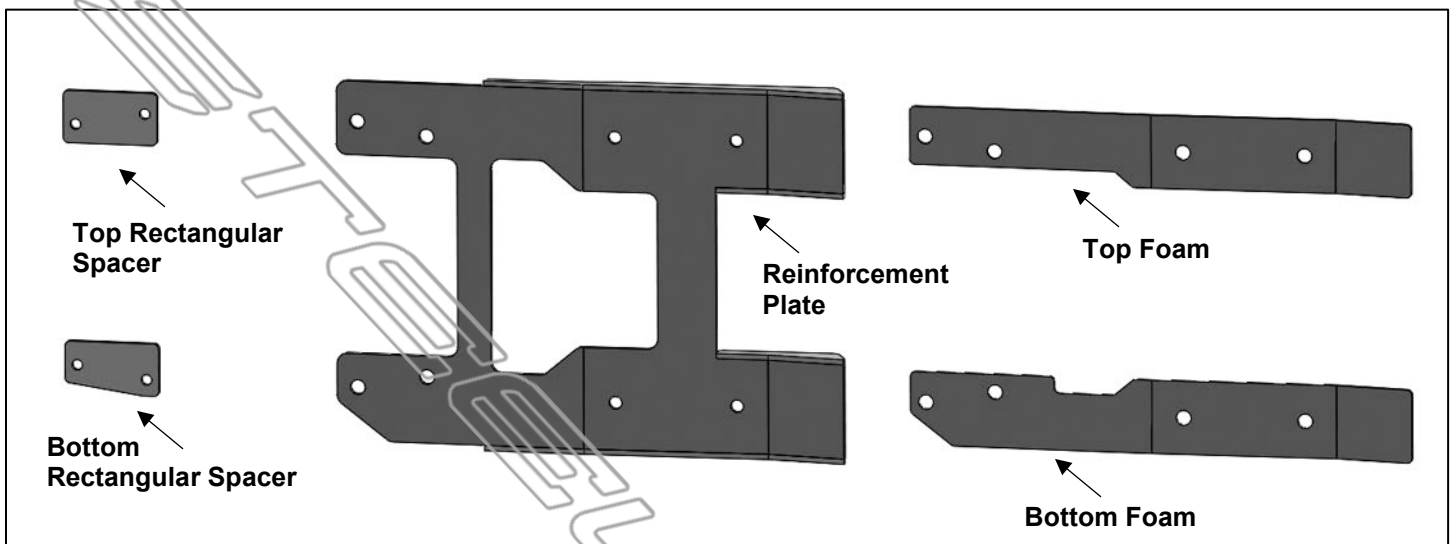
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PARTS LIST:

1	Tailgate Reinforcement Plate	4	10-1.5mm x 60mm Button Head Bolts
1	Top Rectangular Spacer	4	10mm Lock Washers
1	Bottom Spacer	4	10mm x 20mm x 2mm Flat Washers
1	Top Foam	1	10mm Allen Wrench
1	Bottom Foam		



PROCEDURE:

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.

1. Start installation at the rear of the vehicle and remove the (3) factory lug nuts holding the spare tire in place, **(Figure 1)**. Remove spare tire and set aside.
2. Next, open the tailgate and locate the camera and CHMSL (3rd brake light), connectors, **(Figure 2)**. Unplug the connectors from the back and pull the wires out through the hole, **(Figure 3)**.
3. Remove the (8) factory bolts holding the spare tire carrier to the tailgate and place the carrier on a stable clean surface, **(Figure 4)**. Mark a line across the tailgate opening or use tape to properly align the door after installation is complete.
4. Select the Reinforcement Bracket and the Top and Bottom adhesive Foam Seals. Attach the adhesive Foam to the back of the Reinforcement Plate, **(Figure 5)**.
5. Next, remove the (4) factory hinge bolts from the door, **(Figure 6)**. **NOTE:** Make sure the tailgate is fully closed before removing the factory hinge bolts. Attach the Reinforcement Plate to the door hinge using (4) 10mm Button Head Bolts, (4) 10mm Lock Washers and (4) 10mm Flat Washers, **(Figure 7)**.
6. **IMPORTANT:** Please read the following carefully and proceed with the proper steps.
 - a. If installing the **Reinforcement Plate** with the **Spare Tire Relocation Kit** (Sold Separately), then proceed to follow the instruction sheets available in the Spare Tire Relocation Kit.
OR
 - b. If installing **ONLY** the **Reinforcement Plate**, then proceed to **Step 7**.
7. Select the Top and Bottom Spacers along with the factory spare tire carrier. Insert (2) factory bolts through the **driver/left top side** of the tire carrier, and out through the Top Rectangular Spacer. Repeat Step to attach the Bottom Spacer to the **driver/left bottom side** of the tire carrier, **(Figure 8)**.
8. Next, bolt the driver/left side of the tire carrier with Spacers to the tailgate using the inserted (4) factory bolts. Attach the passenger/right side of the tire carrier to the Reinforcement Plate and tailgate using the remaining (4) factory bolts, **(Figure 9)**. Do not tighten hardware at this time.
9. Level and adjust the spare tire carrier and tighten **ONLY** the tire carrier hardware.
10. Push the camera and light connectors through the hole in the tailgate and plug in, **(Figures 2 & 3)**.
11. Reinstall the spare tire onto the tire carrier using the (3) factory lug nuts.

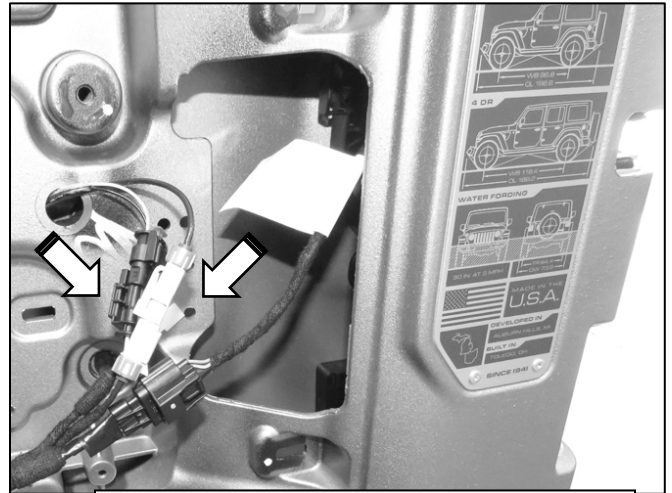
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12. Next, tighten and adjust the 10mm hardware on the door hinge to properly align the marked line or tape from **Step 3, (Figure 6)**.
13. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

To protect your investment, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. 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 Reinforcement Plate.



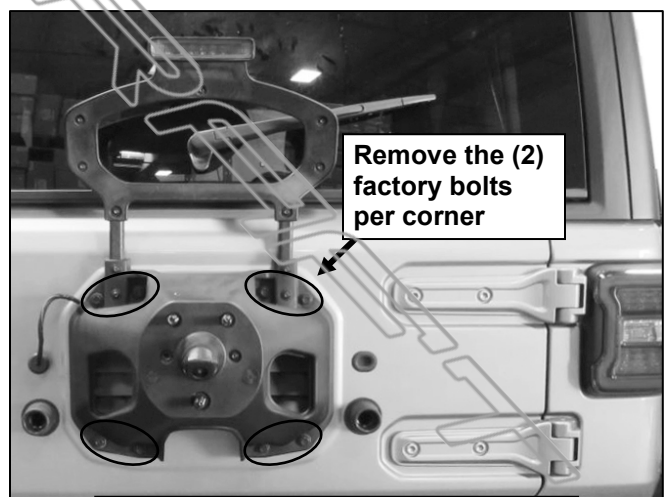
(Fig 1) Remove the (3) factory lug nuts to remove the Spare Tire from the back of the vehicle



(Fig 2) Open the tailgate and locate the camera and CHMSL, light, connectors

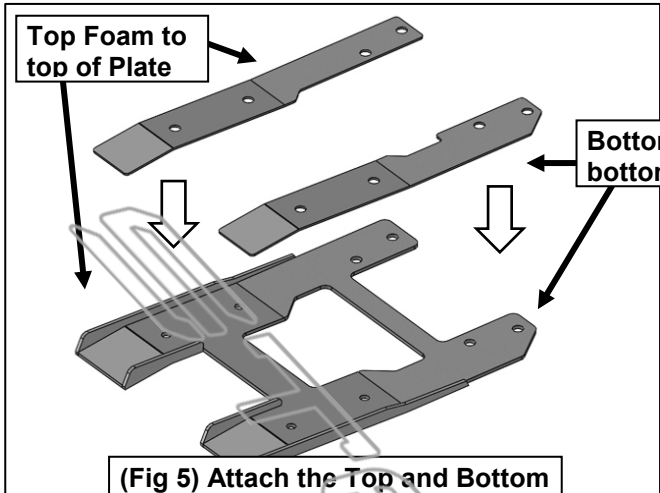


(Fig 3) Disconnect the wires and pull the wires out through the hole

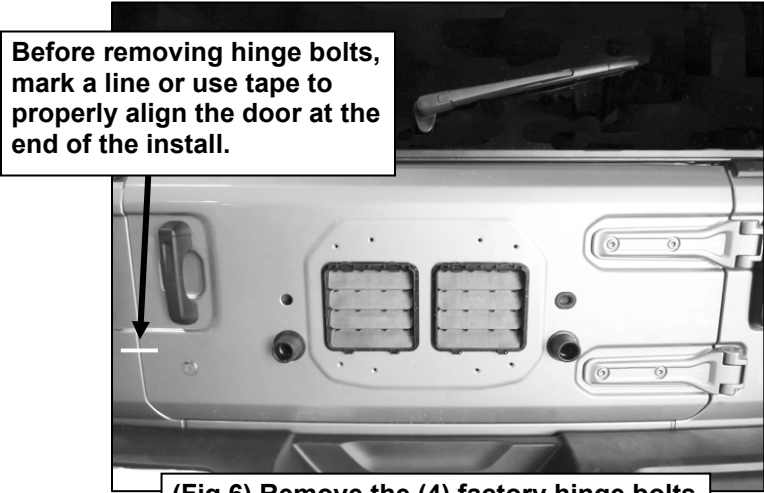


(Fig 4) Remove the spare tire carrier from the tailgate of the vehicle

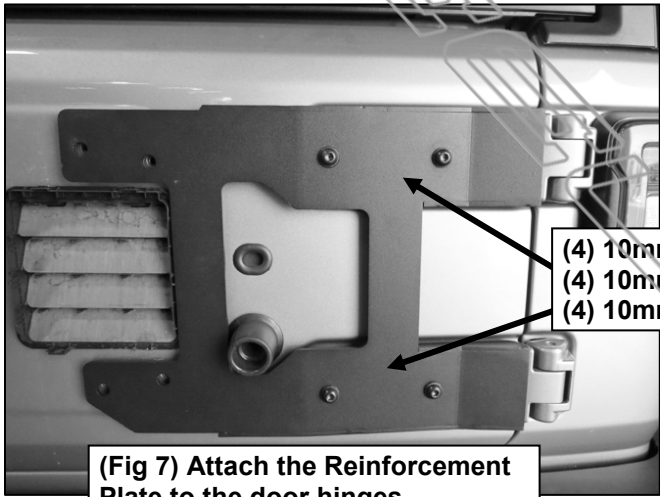
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(Fig 5) Attach the Top and Bottom Foams to the back of the Plate



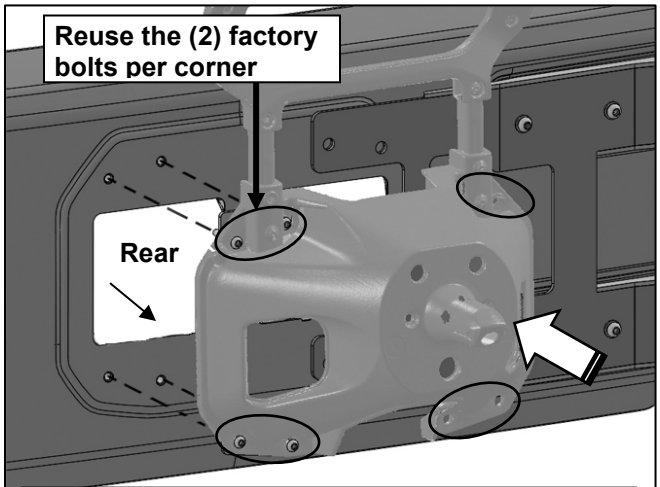
(Fig 6) Remove the (4) factory hinge bolts



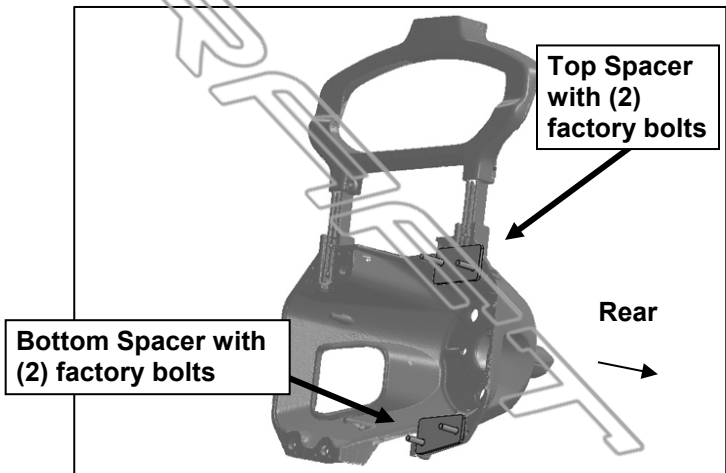
- (4) 10mm Button Head Bolts
- (4) 10mm Lock Washers
- (4) 10mm Flat Washers

(Fig 7) Attach the Reinforcement Plate to the door hinges

IMPORTANT: If installing the **Spare Tire Relocation Kit** also, then begin to follow the instruction sheet for that kit. Otherwise, continue with current instructions.



(Fig 9) Attach Spare Tire Carrier with Spacers to the tailgate and Reinforcement Plate



(Fig 8) Attach the Top and Bottom Spacers to the back of the Spare Tire Carrier using (4) factory bolts