

GOBI TOYOTA SEQUOIA 3RD GEN 2023 REAR DOOR LADDER INSTALLATION INSTRUCTIONS

The Gobi ladder must be inspected before each use to make certain attachments are secure, and for evidence of Wear. Misuse of the ladder or failure to observe the manufacturer's instructions as to installation, proper Attachment and maintenance will void any warranties that may be implied by law.

CAUTION

"LADDER IS TO BE TRAVERSED UPON

ONLY

WHEN THE REAR DOOR TAIL GATE

AND LIFT GATE ARE FULLY

CLOSED AND LOCKED"

**CAUTION: APPLY ANTI-SEIZE LUBRICANT TO ALL SCREWS
PRIOR TO INSTALLATION**

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Guidelines:

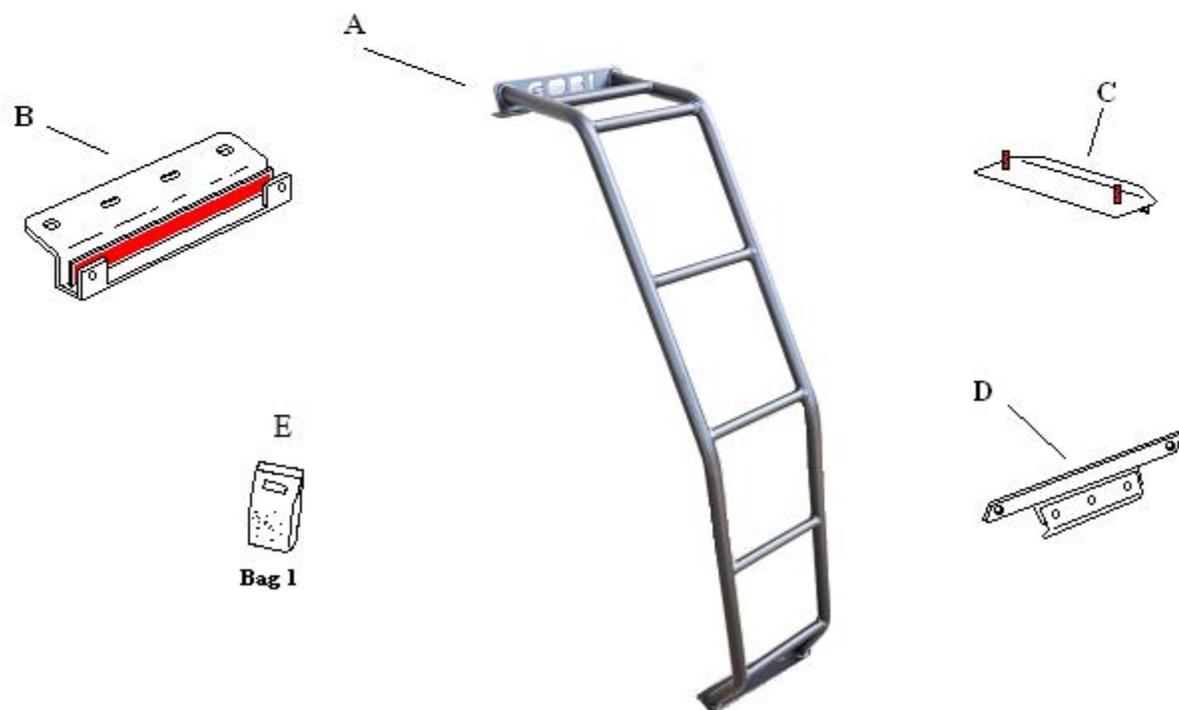
When using Load Carriers and Accessories, the user must understand the precautions. The points listed below will assist you in using the rack /carrier system and will encourage safety.

- For quality fits and safty, use only the recommended rack or accessory. Do not assume an accessory will fit, always check with dealer when obtaining new accessories. Use only approved accessories on load carriers. Using other brands will void your warrenty.
- Make sure all knobs, bolts, screws, straps, and locks are firmly attached, tightened and locked before every trip. Knobs, bolts, screws, straps, and locks must be periodically inspected for signs of wear, corrosion, and fatigue. Check your load at stops during the trip to insure continued fastening security.
- Check local and state laws governing projection of objects beyound the width of a vehicle. **Be aware of the width and height of your cargo since low clearance branches, bridges, and parking garages can affect the load** All cargo will affect the vehicle's driving behavior. Never drive with any lock, know, or rack in an open or unlocked position. All long loads such as, but not limited to sailboards, surfboards, kayaks, canoes, and lumber must be tied down front and rear to the bumpers or tow hooks, of the vehicle.
- Remove your rack accessories when they are not in use, before intering car washes, prior to taking in your vehicle for service, and whenever clearance may be an issue.
- All locks must be turned and moved periodically to insure smooth operation. Use graphite or similar dry lubricant to help this. Locks are designed to deter vandalism and theft. Remove valuable gear if your vehicle is unattended for an extended period. Place at least one key in the glove compartment.
- For safety to your vehicle and rack system, obey all posted speed limits and traffic cautions. A dapt your speed to the conditions of the road and the load being carried.
- Do not use load carriers and accessories for purposes other than those for which they were designed. Do not exceed their carrying capacity.
- Consult with your dealer if you have any questions regarding the operations and limits of this product. Review all instructions carefully.

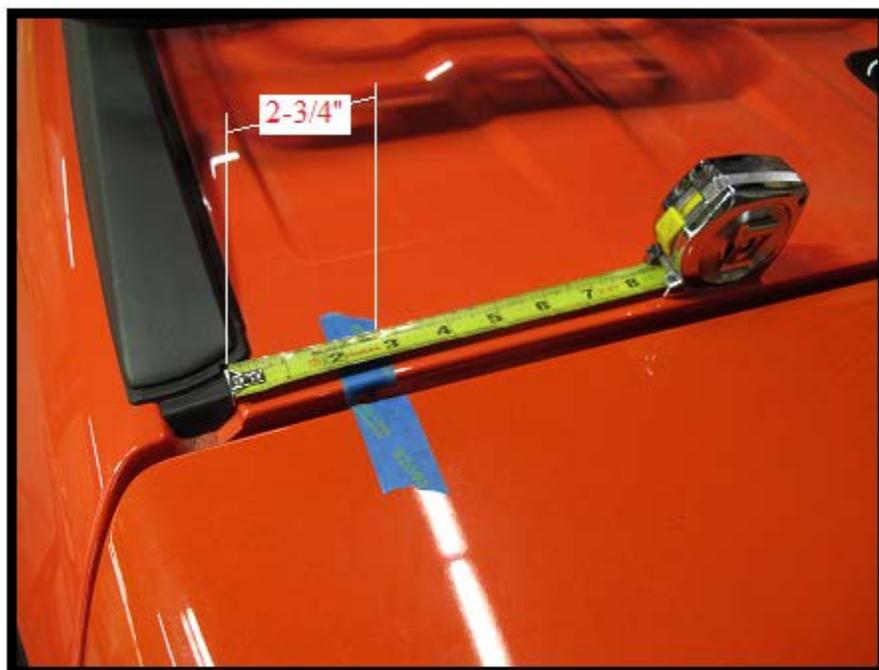
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Included in kit

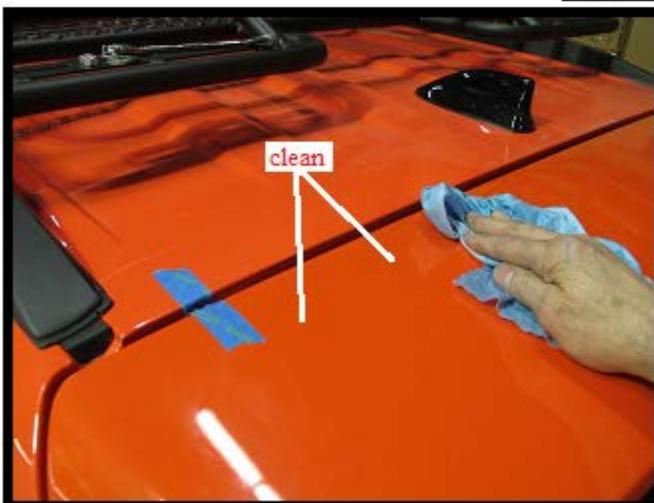
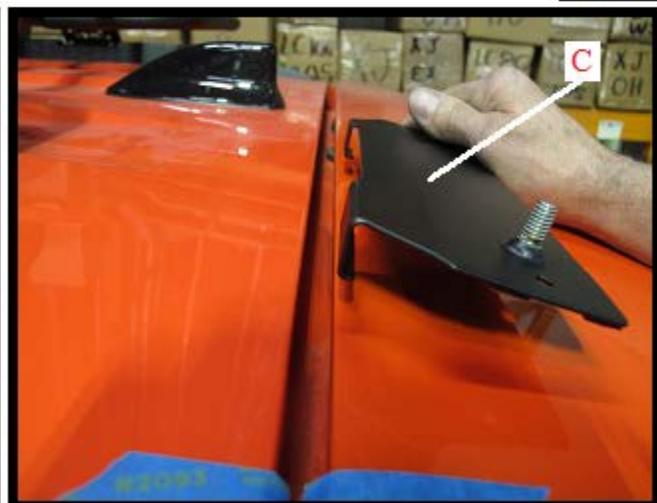
| Letter | Description | Location | Quantity |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------|
| A | GOBI TOYOTA SEQUOIA 3RD GEN REAR DOOR LADDER | Main box | 1 |
| B | LOWER LADDER MOUNTING BRACKET | strapped to ladder | 1 |
| C | LADDER HANGER PLATE | strapped to ladder | 1 |
| D | LADDER BASE SUPPORT PLATE | strapped to ladder | 1 |
| E | GOBI LADDER MOUNTING HARDWARE CONTENTS: 2- 5/16" Nuts SS 2- 5/16" Lock washer SS 2- 3/8" Flat washer SS 1- 1/8" Allen wrench 1- 3/16" Short Allen wrench 1- Pack Anti-seize 2- 5/16-18 x 1" SS Button head screws 2- 5/16" SS Flat washers 2- 5/16" SS Lock washers | BAG #1 Pre-assembled to bottom of ladder | 1 |



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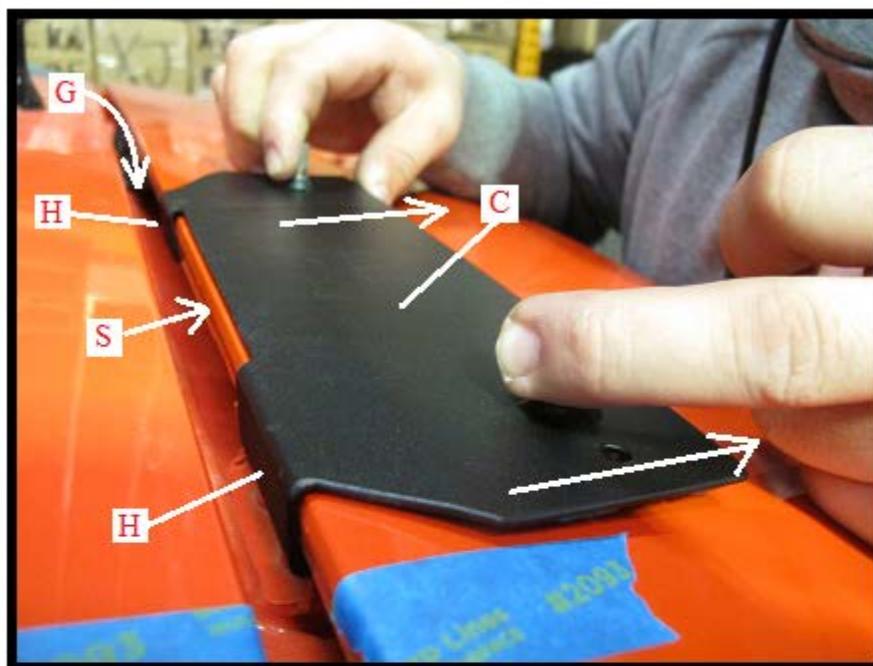
**Fig. 1**

As shown in Fig. 1, using a measuring tape, mark out 2-3/4" from the inside edge of the roof top trim and place a piece of masking tape down both on the body and rear door.

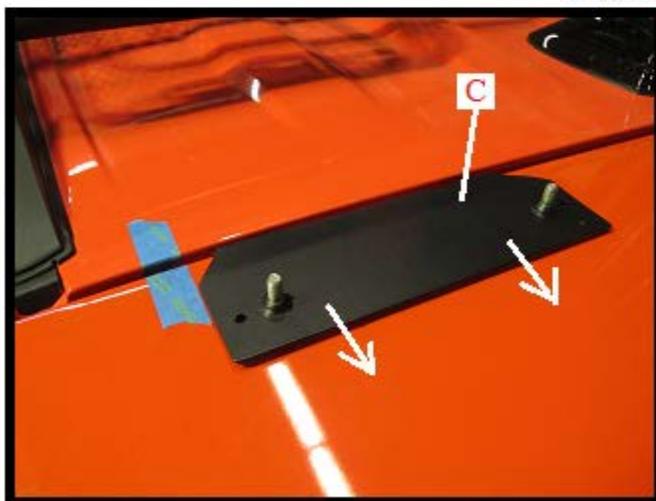
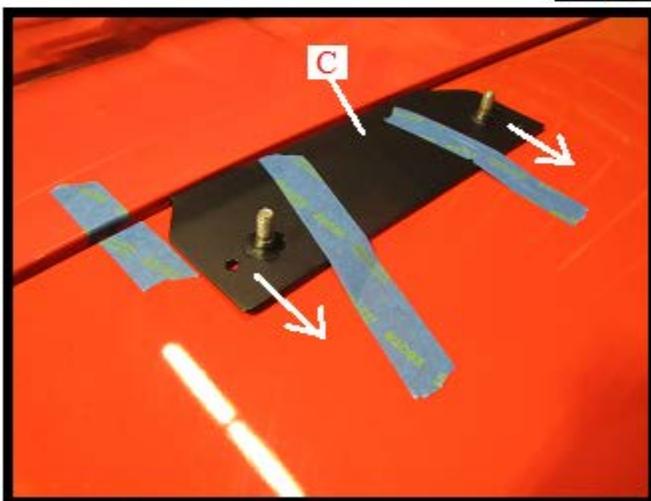
Fig. 2**Fig. 3**

As shown in Fig. 2 and Fig. 3, clean the area of the rear spoiler with denatured alcohol where hanger plate (C) will be mounted. As shown in Fig. 3, remove hanger plate (C) from your hardware kit.

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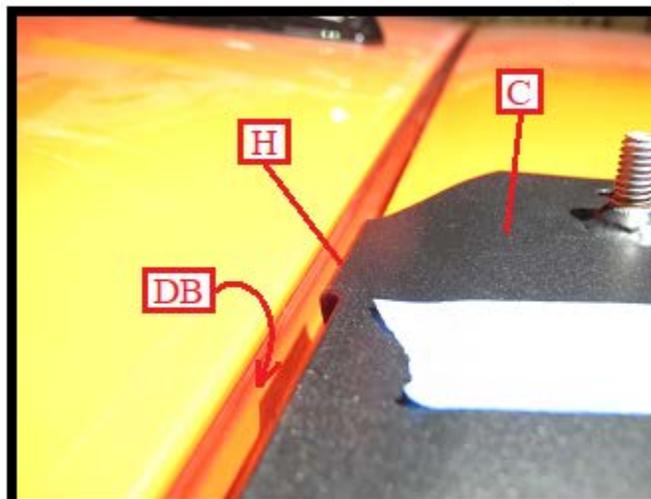
**Fig. 4**

As shown in Fig. 4, install hanger plate (C) into rear door upper gap (G) and pull in the direction of the arrows using the threaded studs as pull points. Make certain that hanger plate (C) hooks (H) are fully contacting the back of the spoiler (S).

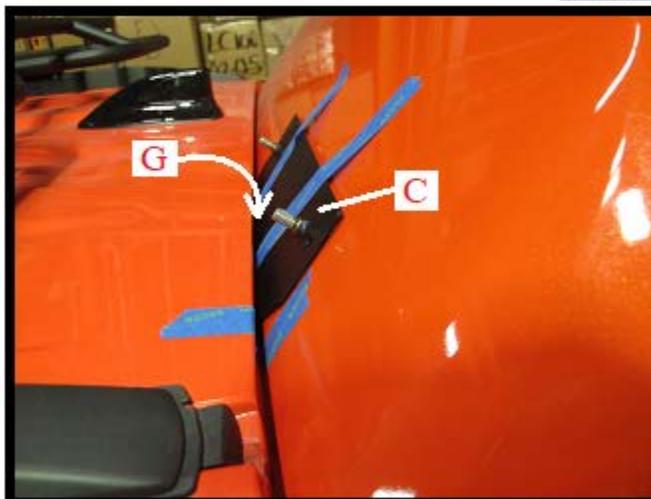
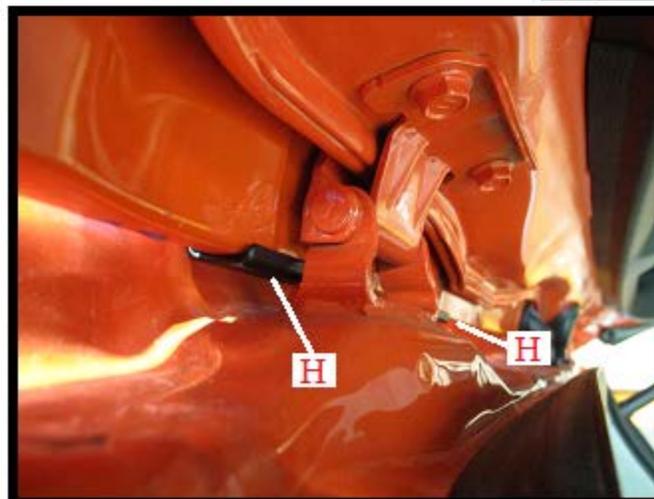
Fig. 5**Fig. 6**

As shown in Fig. 5 and Fig. 6, while holding hanger plate "C" in place attach two or more strips of masking tape to hold hanger plate temporarily in place.

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Fig. 7**Fig. 8**

As shown in Fig. 7, after the hanger plate (C) has been temporarily installed. Check that hanger plate hook (H) clears the body (BD) of the vehicle by lifting the rear window hatch slowly as shown in Fig. 8.

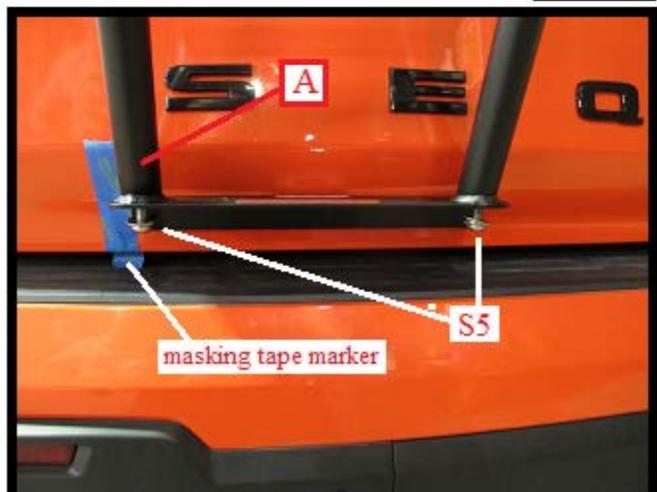
Fig. 9**Fig. 10**

As shown in Fig. 9 and Fig. 10 use a flashlight or the like and visibly investigate gap (G) to be certain that hook (H) clears the body when the rear hatch window is fully lifted. If hanger plate (H) contacts body, stop lifting the rear hatch and make sure hanger plate (C) has not slipped and is installed properly. After hanger plate has been adjusted properly and clears the body, close rear window hatch and continue.

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Fig. 11**Fig. 12**

As shown in Fig. 11 and Fig. 12, set ladder (A) onto hanger plate (C) threaded studs. Allow ladder (A) to hang freely as shown in Fig. 13.

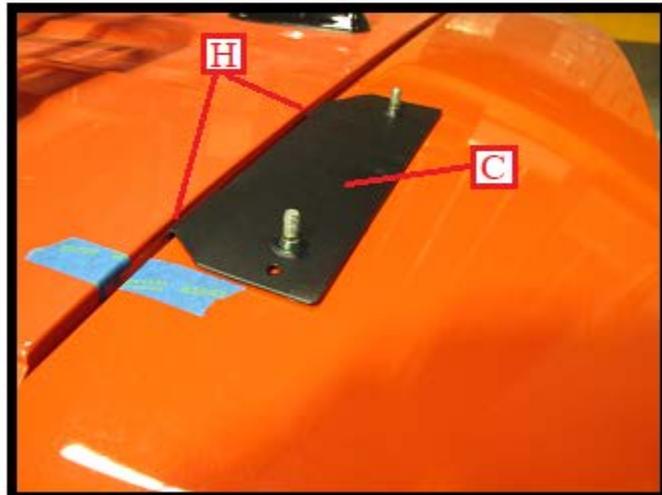
Fig. 13**Fig. 14**

As shown in Fig. 13, use a magnetic level and make certain that ladder is vertically true. Then as shown in Fig. 14, place a small piece of masking tape to the left side lower edge of the ladder as a marker. Make sure the tape folds under the rear door lip for later assembly. As shown in Fig. 14, the ladder sits approximately 3/8" to 1/2" above the lower door edge, this is by design. Screws (S5) will need to be removed at this time and placed nearby as they will be needed shortly.

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Fig. 15**Fig. 16**

As shown in Fig. 15, remove ladder (A). As shown in Fig. 16, remove hanger plate (C) then peel off the protective double back tape covers and re-install hanger plate back in place as shown in Fig. 4 and Fig. 5.

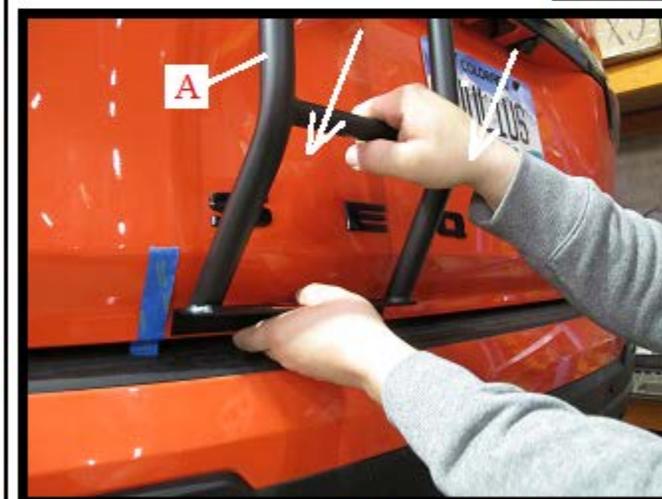
Fig. 17**Fig. 18**

As shown in Fig. 17, after the hanger plate has been re-installed. Check one more time as shown in Fig. 7 through 10, that hooks (H) of hanger plate (C) are not contacting the body. Once this has been confirmed, lift the rear door hatch fully as shown in Fig. 18. As shown in Fig. 18, remove from lower clamp (B), located in your hardware kit, pinch plate (P). Clean off the lower door inner edge (E) where pinch plate (P) is to be installed with denatured alcohol. Then peel off the protective cover of pinch plate (P) and adhere to the lower rear door inner edge to the right side of the masking tape marker.

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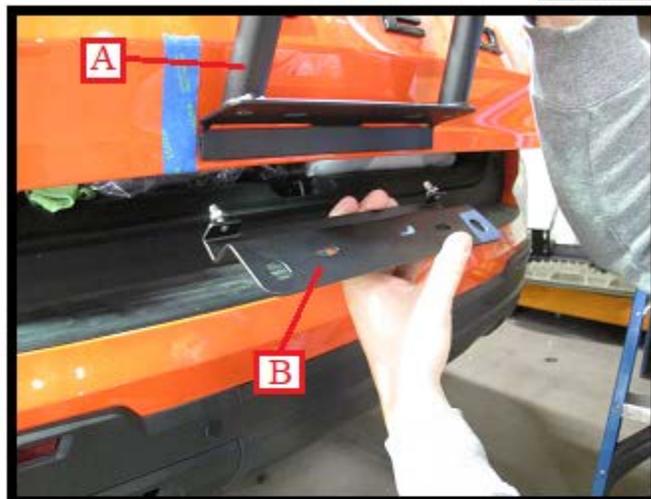
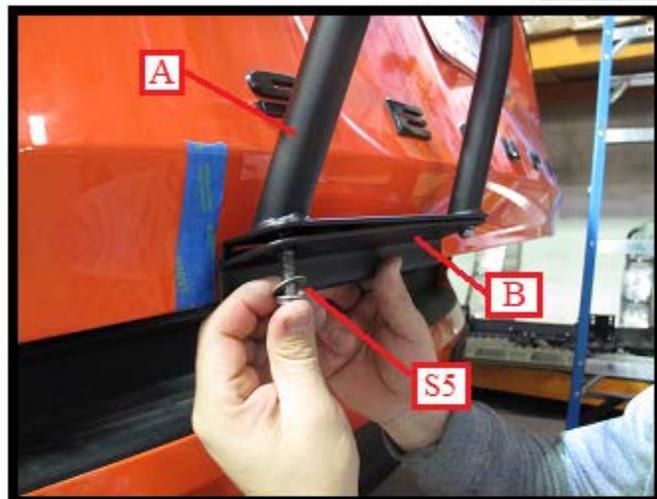
Fig. 19**Fig. 20**

As shown in Fig. 19, make certain both 5/16-18 x 1" button head screws, lock washers and flat washers (S5) have been removed from the bottom of the ladder and placed nearby as they will be needed shortly. Peel off the protective double back tape cover. As shown in Fig. 20, set ladder (A) back up onto hanger plate (C).

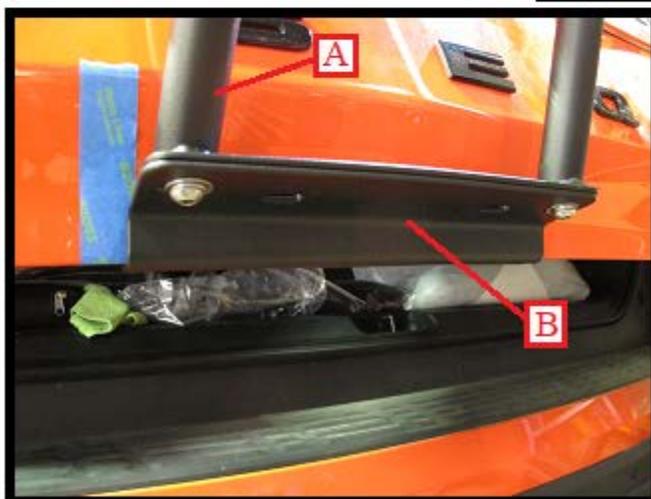
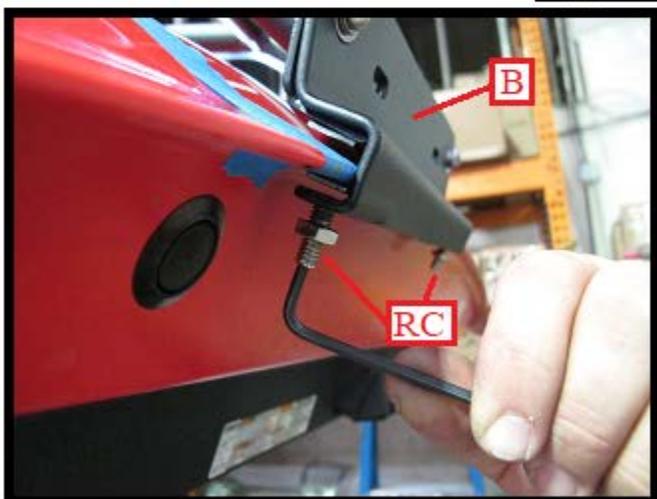
Fig. 21**Fig. 22**

As shown in Fig. 21, pull down ladder (A) shown by white arrows with force and align the lower left-hand edge of the ladder with the masking tape marker previously set and press onto the rear door. Hold in place for 30 seconds. As shown in Fig. 22 unlock rear door and prevent the door from lifting more than a few inches. Keep the door open in place currently.

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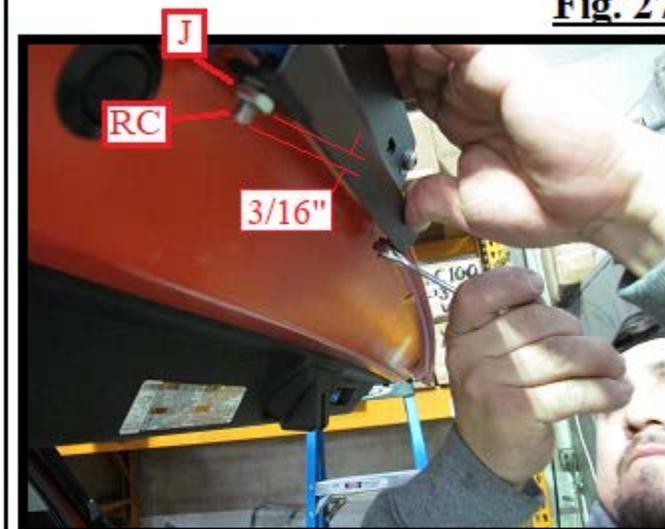
Fig. 23**Fig. 24**

As shown in Fig. 23 and Fig. 24, place clamp plate (B) onto the lower ladder (A) and align clamp holes with threaded holes at the bottom of ladder. As shown in Fig. 24, thread in two 5/16-18 x 1" button head screws, lock washers and flat washers (S5) through clamp plate (B) and back into lower ladder (A). Use the supplied 3/16" Allen wrench to fully tighten screws in place as shown in Fig. 25.

Fig. 25**Fig. 26**

As shown in Fig. 25, once clamp plate (B) has been fully secured to the bottom of ladder (A). Use the supplied 1/8" Allen wrench to tighten rear clamp screws (RC) as shown in Fig. 26.

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Fig. 27**Fig. 28**

As shown in Fig. 27, tighten both screws (RC) in until you have approximately 3/16" of screw left outside jam nut (J). Then fully tighten jam nut (J) using a 3/8" box end wrench. As shown in Fig. 28, leave rear door open half way then remove one screw (S5) and install lower ladder support (D) located in your hardware kit, as shown in Fig. 29.

Fig. 29**Fig. 30**

As shown in Fig. 29 and Fig. 30, remove the second screw (S5) and fully install support plate (D) shown in Fig. 30. Adjust support (D) evenly with outer edge (E) of ladder then fully tighten both screws (S5).

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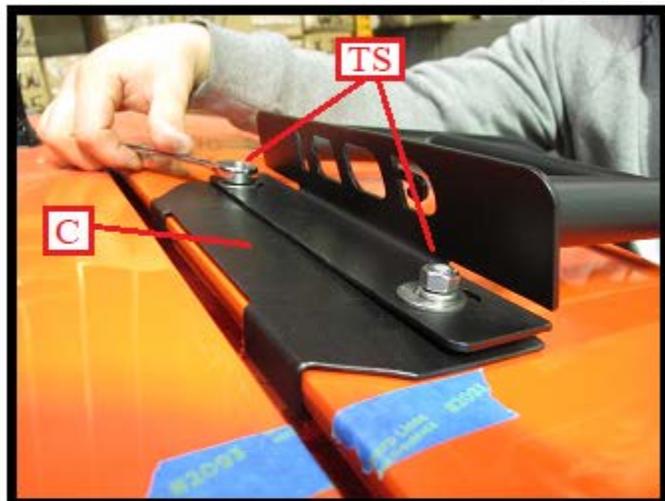
Fig. 31**Fig. 32**

As shown in Fig. 31, using a 7/16" box end wrench and 5/32" Allen wrench, loosen and adjust the lower support plate (D1), up as high as possible (shown by red arrows) then slightly tighten the two outside screws (S6) so that they prevent plate (D1) from moving. The plate needs to be movable by hand but not fully loose. After the adjustment has been made close the door fully as shown in Fig. 32.

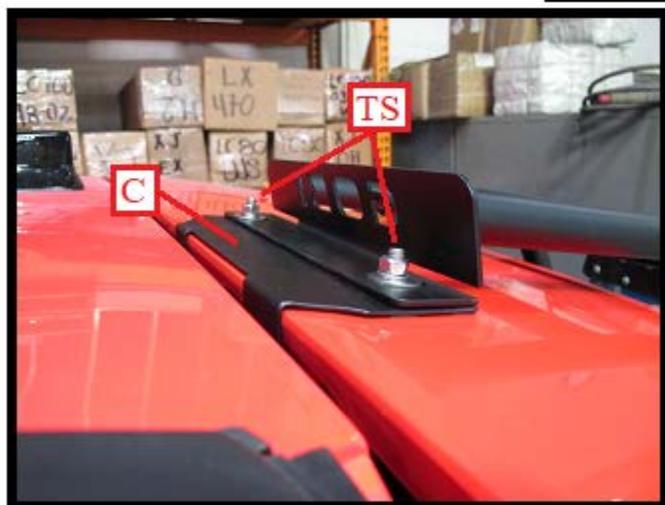
Fig. 33**Fig. 34**

As shown in Fig. 33, take your installation instructions and slide them between the top of the bumper and under the support plate (D1). Then use your fingers to push down the support plate (D1) (shown by red arrows) so that plate (D1) pinches the installation instructions preventing them from moving. Do not push down too hard, just enough to keep the papers from moving. Then tighten both outside screws (S6) to keep the adjustment in place. As shown in Fig. 34, raise the rear door halfway and fully tighten all three screws (S6) using the 7/16" box end wrench and 5/32" Allen wrench. Once the adjustment has been completed, close the rear door.

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Fig. 35

As shown in Fig. 35 and Fig. 36, remove from your hardware kit, one 3/8" flat washer, one 5/16" lock washer and one 5/16" nut and thread onto one hanger plate (C) threaded stud (TS).

Fig. 36

Apply the same to the opposite threaded stud (TS) and tighten down both screws using a 1/2" box end wrench. **(Do not over tighten as threaded stud can be broken)**. Remove all tape markers.

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INSTALLATION COMPLETED