

GOBI JEEP GRAND CHEROKEE WL 3 ROW REAR 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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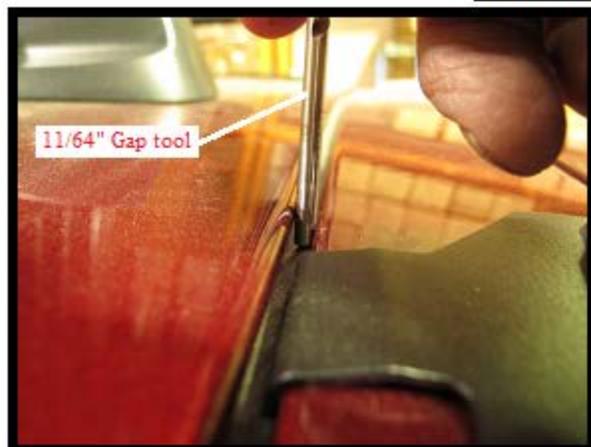
Guidelines:

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.

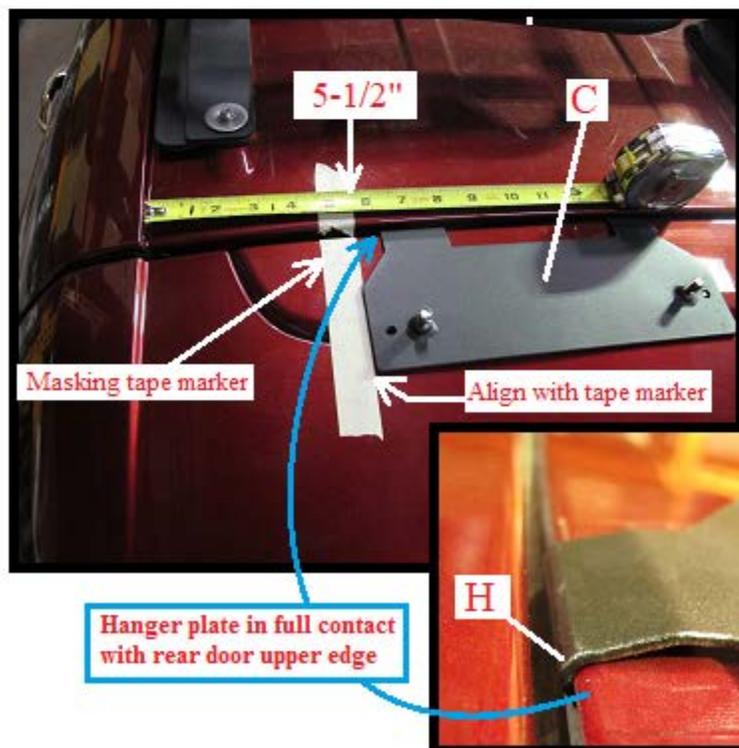
- For quality fits and safty, use only the recommended rack or accessory. Do not assume an accessory will fit, always check with dealer when obtaining new accessories. Use only approved accessories on load carriers. Using other brands will void your warrenty.
- Make sure all knobs, bolts, screws, straps, 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 beyond 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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Fig. 1**Fig. 1a**

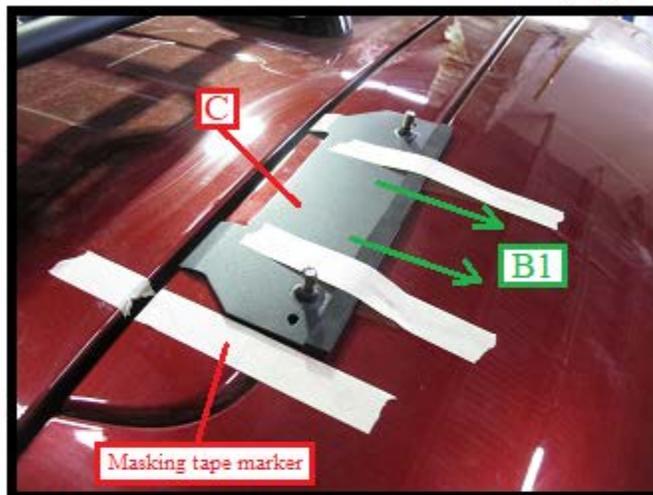
As shown in Fig. 1 clean the surface on top of the rear door with denatured alcohol. Then check the distance of the Gap between the rear door lift gate and the vehicle roof top along the distance shown of 15 inches. The Gap should be around $3/16$ " or larger and no smaller than $11/64$ ". Use the Gap measuring tool provided in your hardware kit. As shown in Fig. 1 and Fig. 1a, slip the tool in the Gap between the rear door and vehicle body to measure the Gaps width along the distance of 15-inches. If the tool fits snug or loosely then the Gap is good. If the tool cannot enter into the Gap do not install the ladder and contact your Gobi service department for a rear door adjustment guide.

**Fig. 2**

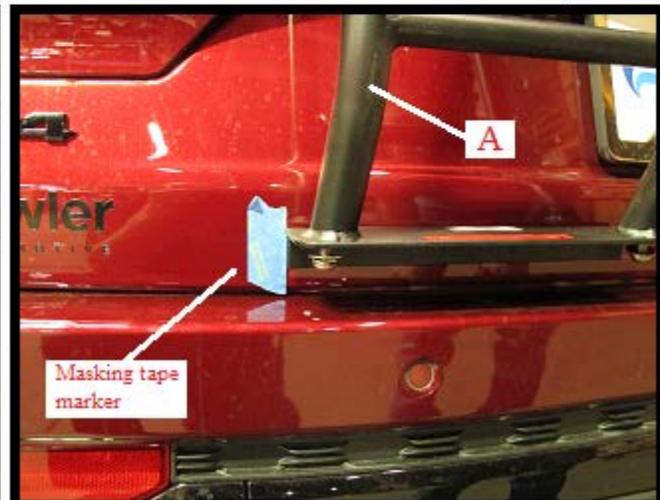
Use a tape measure as shown in Fig. 2 and measure out 5-1/2" from the inner driver side edge of the roof top. Place a masking tape marker as shown to mark the 5-1/2" point to position the left side edge of hanger plate (C) alongside. Do not remove the double back tape from the underside of the hanger plate at this time.

Fig. 2a

Remove hanger plate (C) from the hardware packing of your ladder and place on the top of the rear door as shown in Fig. 2 and Fig. 2a. Make certain that hook end (H) is tight up against the upper rear door edge as shown in Fig. 2a.

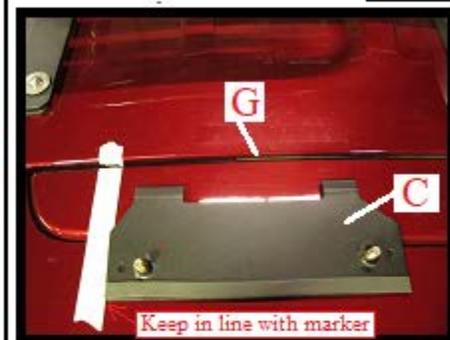
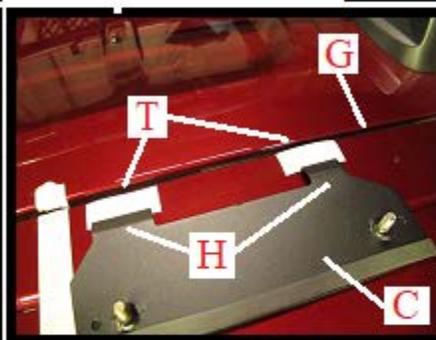
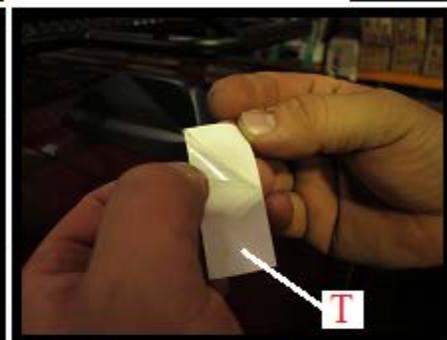
**GOBI JEEP GRAND CHEROKEE WL 3 ROW REAR LADDER
INSTALLATION INSTRUCTIONS****Fig. 3****Fig. 4**

As shown in Fig. 3, keep hanger plate (C) in line with masking tape marker previously installed. Then pull hanger plate (C) back in the direction of the green arrows (B1) and hold down with force. While holding hanger plate (C) in place, apply masking tape over hanger plate and rear door to keep hanger plate (C) from moving temporarily. As shown in Fig. 4 hang ladder (A) onto hanger plate (C) and allow ladder (A) to hang freely from the hanger plate to the bottom of the rear door as shown in Fig. 5. **DO NOT LIFT REAR DOOR AT THIS TIME.**

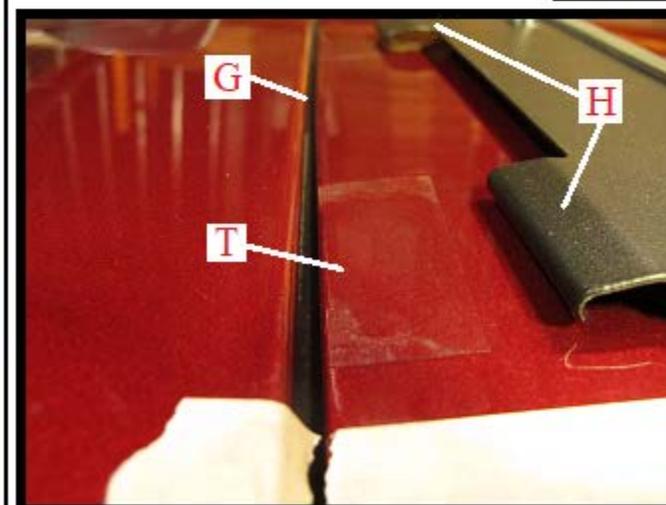
Fig. 5**Fig. 6**

As shown in Fig. 4 and Fig. 5 set the top of ladder (A) onto hanger plate (C) as flat as possible and let hang down onto the back of the rear door shown in Fig. 5. Align the right-side rail of ladder (A) with the edge of the rear license plate as shown in Fig. 5 then place a masking tape marker as shown in Fig. 6 next to the bottom left-hand side of the lower ladder base plate. After you have applied the masking tape marker, remove ladder (A) from the rear door.

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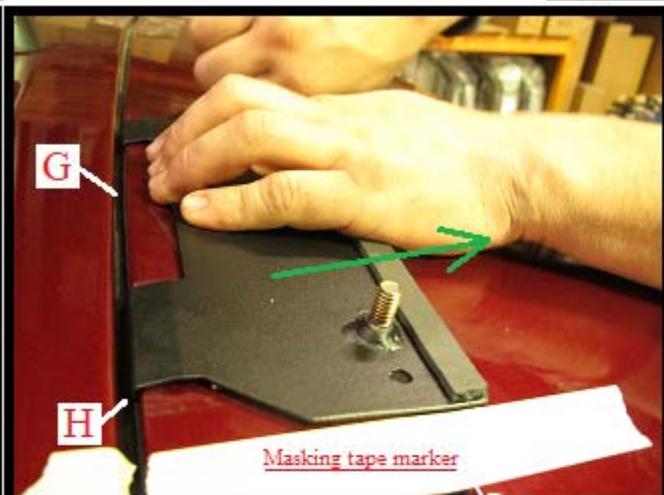
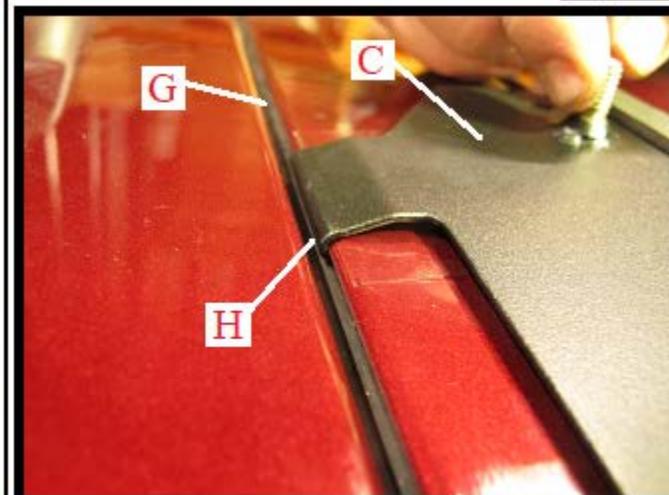
Fig. 7**Fig. 8****Fig. 9**

As shown in Fig. 7 remove all masking tape temporarily holding hanger plate (C) to the top of rear door. Remove hanger plate (C) from the rear door Gap (G) and set back approximately two inches or so behind the rear door gap as shown in Fig. 7. Keep the left edge of hanger plate (C) in line with masking tape marker. As shown in Fig. 8, remove from your hardware kit two clear wear tape rectangular strips (T) approximately 2-1/4" x 1". Place the wear strips as shown in Fig. 8 in front of hanger plate hooked tabs (H). As shown in Fig. 9 and Fig. 10 peel off the protective white film and apply the wear tape to the very edge of rear door lip.

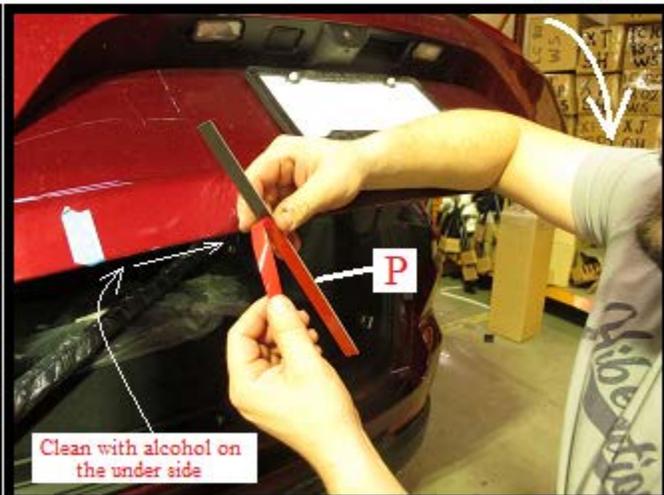
Fig. 10**Fig. 11**

As shown in Fig. 10, the protective wear strips (T) have been applied to the edge of the rear door lip in front of both hanger plate (H) hooked tabs. Remove the hanger plate and peel off the protective film from the back of the hanger plate as shown in Fig 11.

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Fig. 12**Fig. 13**

With the double back tape protective film removed from the bottom of hanger plate (C), take exceptional care and angle hanger plate (C) back into gap (G) and place hooks (H) onto the upper door lip as shown in Fig. 12. Keep in line with masking tape marker as shown in Fig. 13. Do not stick the hanger plate on the rear door yet. Pull the hanger plate in the direction of the green arrow shown in Fig. 13 away from upper door gap (G) and keep hooks (H) tight against the upper door lip, then press down onto the rear door and hold in place for 30 seconds.

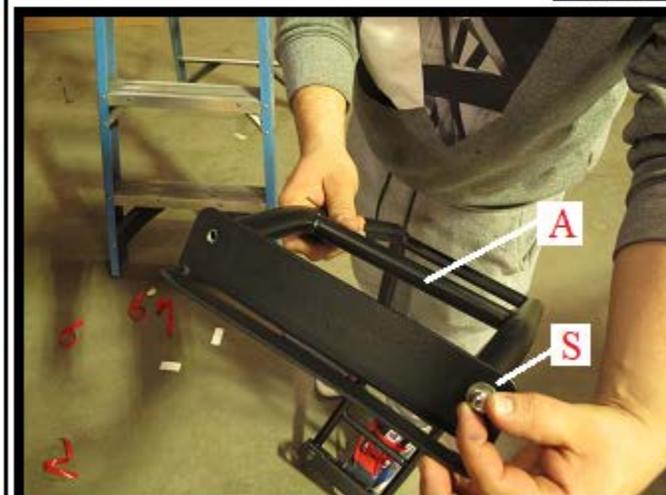
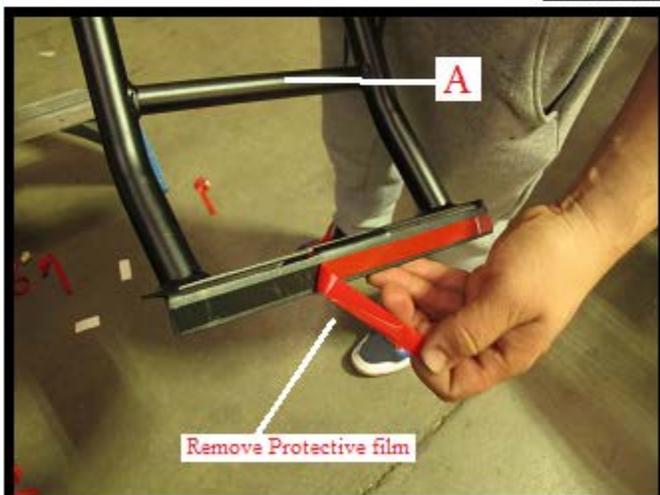
Fig. 14**Fig. 15**

Allow rear door to automatically lift to its maximum height as shown in Fig. 14 for at least 3 seconds. Then manually pull door back down as shown in Fig. 15. Remove pinch plate (P) from lower clamp (B) as shown on page 3 of your installation instructions and in Fig. 15. As shown in Fig. 15 clean the underside area of the lower door lip approximately 10" long from the masking tape marker towards the white arrow with denatured alcohol. Peel off the protective film from the back of pinch plate (P).

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Fig. 16**Fig. 17**

Apply pinch plate (P) in line with left side masking tape marker as shown in Fig. 16 and along the bottom of the rear door lip and press into place. Take a rolled up towel or the like and lay it at the bottom of the rear door as shown in Fig. 17. Bring the rear door down to trap towel to prevent the rear door from closing.

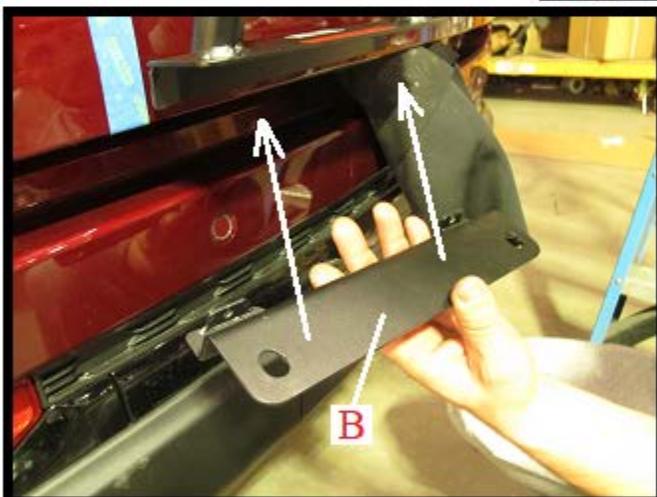
Fig. 18**Fig. 19**

As shown in Fig. 18, turn ladder (A) upside down and remove two 5/16-18 x 1" button head screws, lock washers and flat washers (S) from the bottom of the ladder and hold aside in close proximity as they will be needed shortly. As shown in Fig. 19 remove the protective film from the double back tape at the bottom of the ladder.

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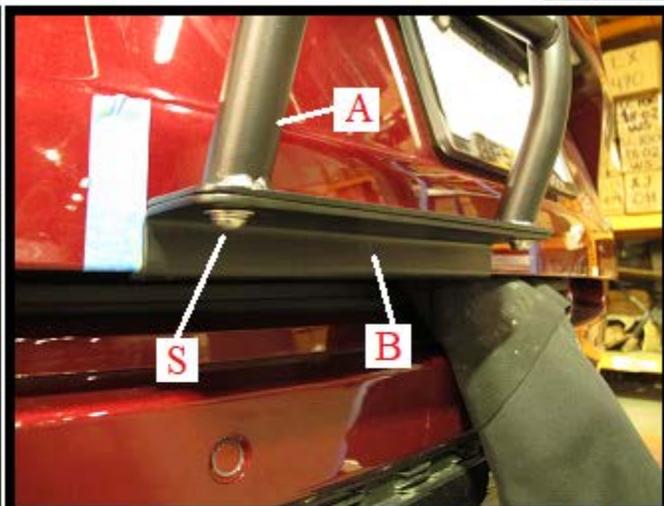
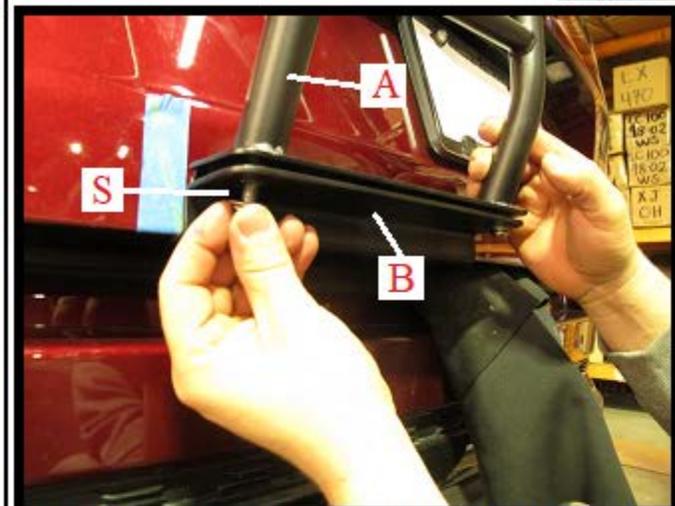
Fig. 20**Fig. 21**

As shown in Fig. 20 and Fig. 21 with the rear door down on top of the rolled towel. Place ladder (A) back onto hanger plate (C) and allow ladder to hang.

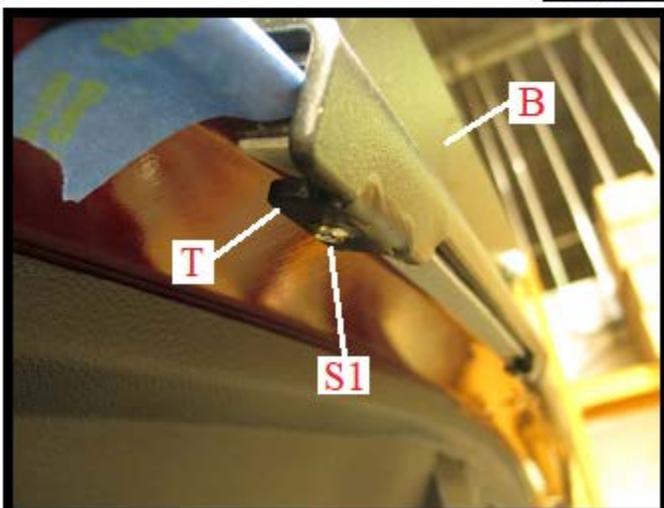
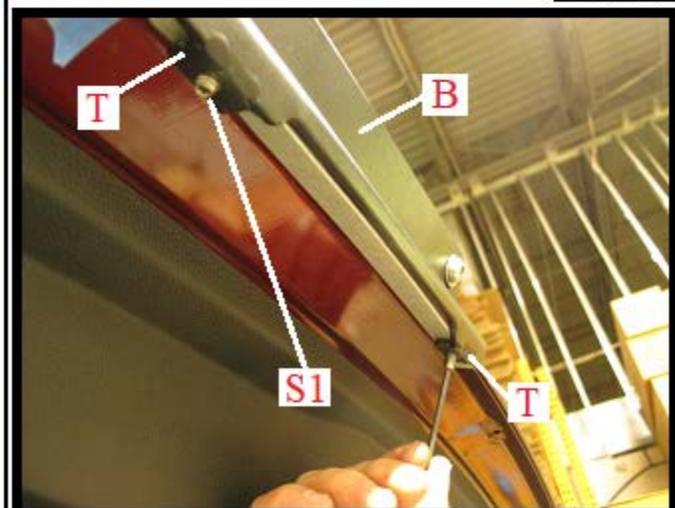
Fig. 22**Fig. 23**

As shown in Fig. 22 either alone or with the help of a friend, pull ladder down in the direction of the red arrows with force. Align the bottom left-hand side of the ladder with the masking tape marker and the bottom edge of the ladder as even as possible with the lower edge of the door and press ladder against the door firmly for 30 seconds. As shown in Fig. 23, while still firmly holding the ladder down attach lower ladder clamp (B) to the bottom of the ladder.

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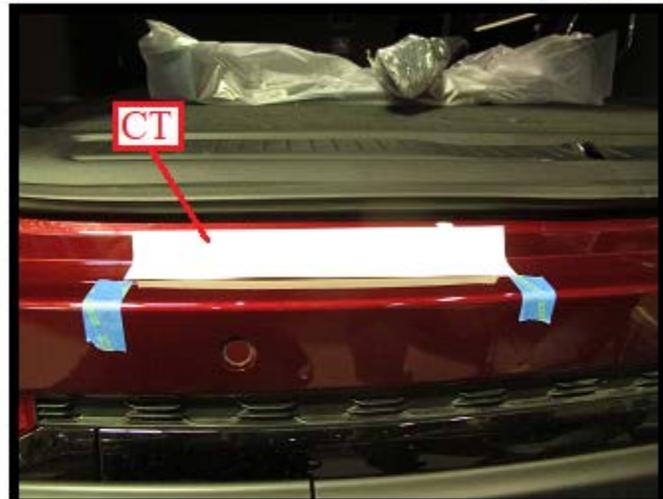
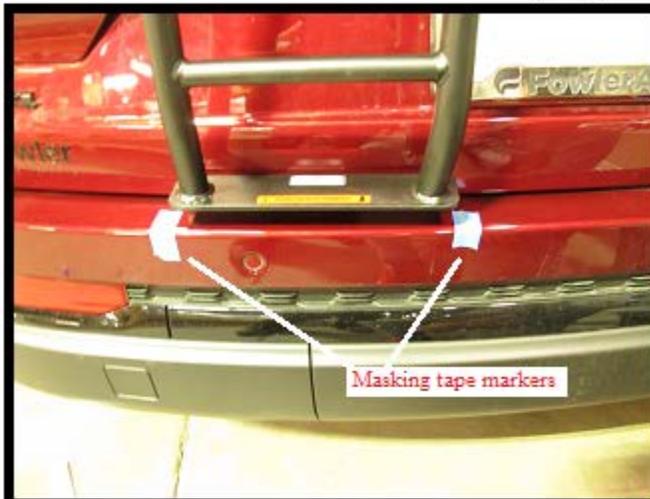
Fig. 24**Fig. 25**

As shown in Fig. 24, while still holding ladder in place thread in the 5/16-18 x 1" button head screw, lock washer and flat washer (S) (recently removed) up through lower clamp (B) and into the bottom of ladder (A) both sides. Use the 3/16" short Allen wrench supplied in your hardware kit and fully tighten screws (S) in place.

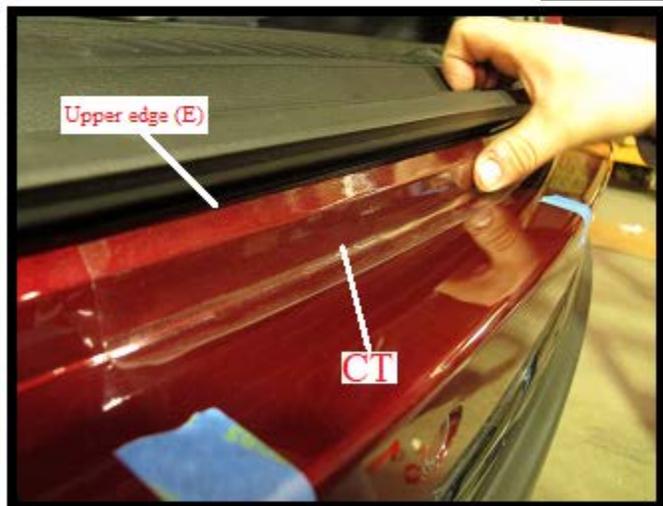
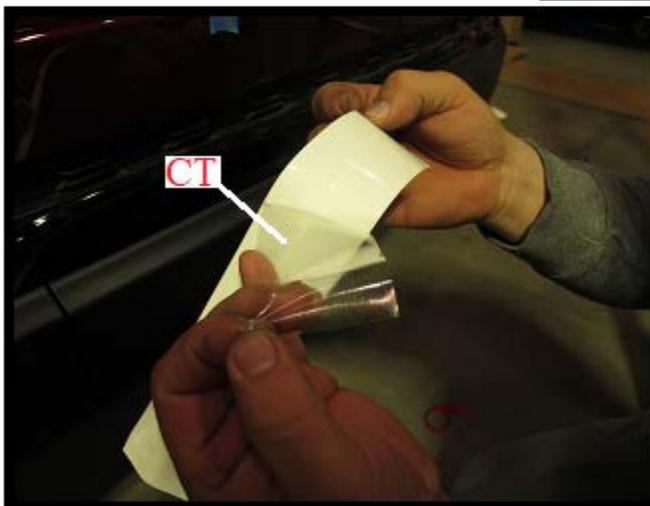
Fig. 26**Fig. 27**

As shown in Fig. 26, remove two 1/4-20 x 3/8" set screws (S1) from your hardware kit and thread them up through tabs (T) of the lower clamp (B) using a 1/8" short Allen wrench located in your hardware kit. Thread screws in until the screws have a single thread showing as seen in Fig. 27 or even with the face of the tab.

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Fig. 28**Fig. 29**

As shown in Fig. 28, remove the rolled-up towel from the rear door and allow the rear door to fully close. Place two small masking tape markers approximately 1/4" past both outside edges of the lower ladder but onto the rear bumper. As shown in Fig. 29 raise the rear door and remove the 10-1/2" x 2" long clear wear strip protective tape (CT) from your hardware kit. Position the tape as shown in Fig. 29 onto the rear bumper and the back upper edge to understand how the tape is to be placed.

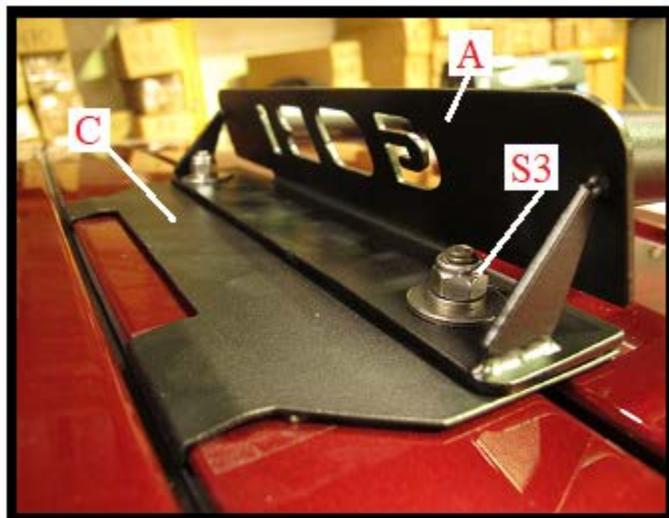
Fig. 30**Fig. 31**

Clean the surface of the rear bumper where the tape is to be applied with denatured alcohol. Peel the protective backing from the clear wear tape (CT) as shown in Fig. 30. Apply the clear wear tape to the rear bumper as shown in Fig. 31 from the top edge of the bumper (E) down. Use your thumb to press in place and remove any bubbles. Once the tape is in place, remove the masking tape markers.

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Fig. 32

Remove from your hardware kit two 3/8" flat washers, two 5/16" lock washers and two 5/16" nylock nuts (S3). Place the flat washers over each threaded stud of hanger plate (C) then add one 5/16" lock washer and one 5/16" nylock nut and thread down in place as shown in Fig. 32. Tighten down just enough to flatten the lock washers, do not over tighten. Remove all remaining masking tape markers.



INSTALLATION COMPLETED