

GOBI LEXUS GX-460 2ND GEN 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"**

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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.

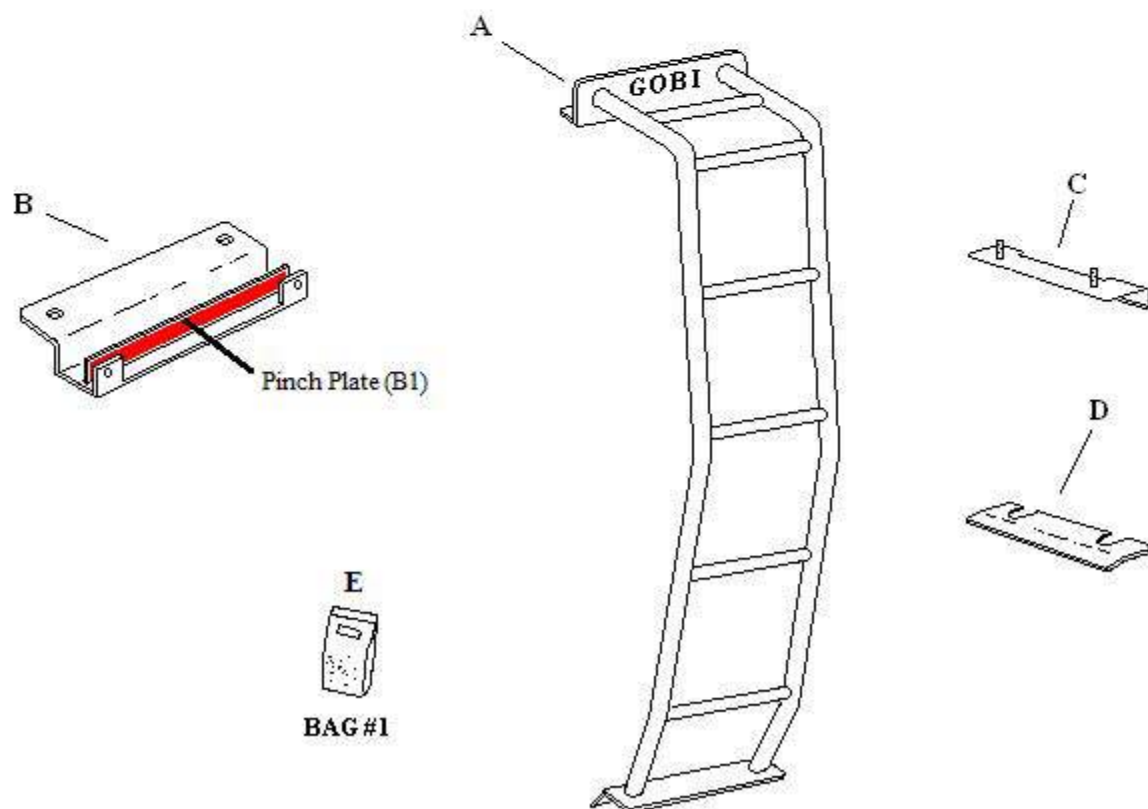
- For quality fits and safty, use only the recommended rack or accessory. Do not assume an accessory will fit, always check with dealer when obtaining new accessories. Use only approved accessories on load carriers. Using other brands will void your warrenty.
- Make sure all knobs, bolts, screws, straps,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

Included in kit

Letter	Description	Location	Quantity
A	GOBI LEXUS GX-460 2ND GEN REAR DOOR LADDER	Main box	1
B	LOWER LADDER CLAMP / PINCH PLATE	strapped to ladder	1
C	LADDER HANGER PLATE	strapped to ladder	1
D	LADDER UPPER BRACE	strapped to ladder	1
E	GOBI LADDER MOUNTING HARDWARE CONTENTS: 2- 5/16" Nuts SS 2- 5/16" Lock washers SS 2- 3/8" Flat washers SS 1- 3/16" Allen wrench 1- 1/8" Allen wrench 2- 5/16 x 1" Button head screw SS 2- 5/16" Flat washers SS 2- 5/16" Lock washers SS	BAG #1 Pre-assembled to bottom of ladder	1



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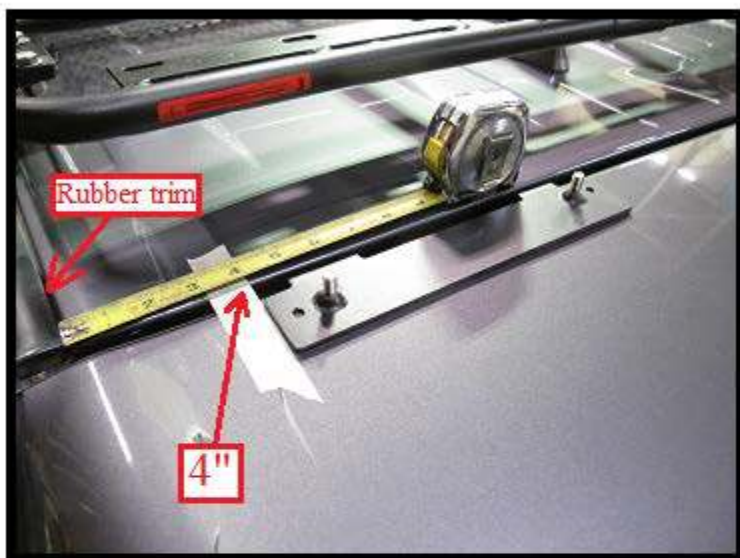


Fig. 1

Use a tape measure and mark with masking tape 4 inches from inner edge of the vehicle's top rear driver side rubber trim as shown in Fig. 1.

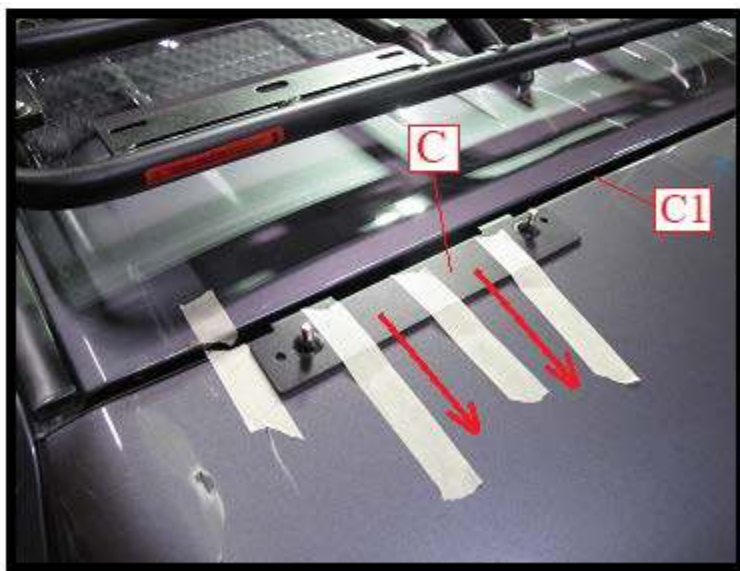
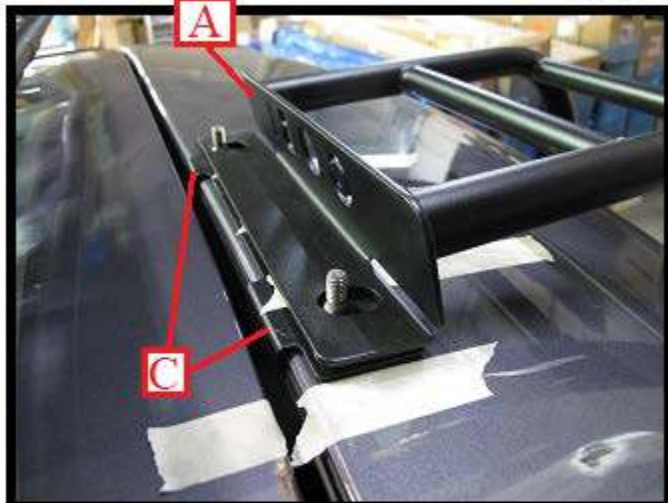


Fig. 2

If needed open the rear door slightly to help slip hanger plate (C) in place over the top edge (C1) of the rear door and in line with masking tape marker as shown. Pull back hanger plate (C) with force in the direction of the red arrows and use masking tape to temporarily hold in place.

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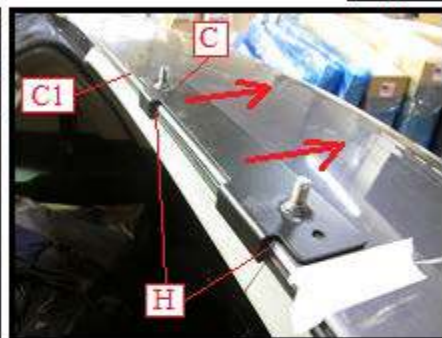
Fig. 3**Fig. 4**

As shown in Fig.3 place the top end of ladder (A) onto hanger plate (C) shown in Fig.4.

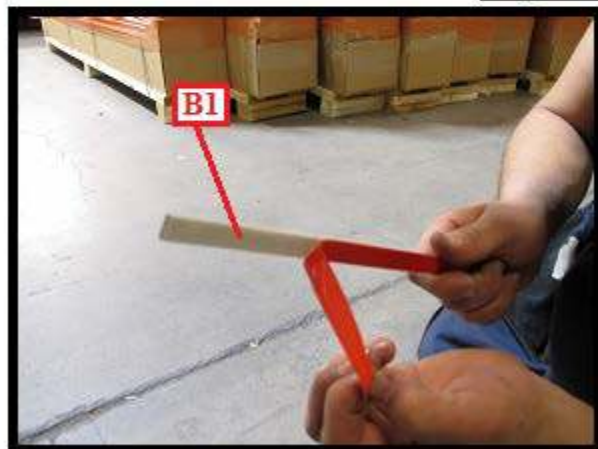
Fig. 5**Fig. 6**

As shown in Fig. 5, allow ladder (A) to hang freely. Make certain to set ladder (A) vertically true. After you have set ladder (A) vertically true, place a masking tape marker on the lower left side of the rear door next to the ladder as shown in Fig. 6.

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

As shown in Fig. 7, clean the surface of the door where the hanger plate was seated with denatured alcohol. Peel off the red protective cover from the double back tape of hanger plate (C) and install along the top edge (C1) of the rear door as shown in Fig. 7, Fig. 8, and Fig. 9. Make certain to pull the hanger plate in the direction of the red arrows during the install as shown in Fig. 8 and Fig. 9. Make sure that hanger plate hooked end (H) is in full contact with rear door upper edge as shown in Fig. 9. Then press down firmly for at least 30 seconds. If needed open the rear door to help provide more clearance to install hanger plate (C) easier, shown in Fig. 9.

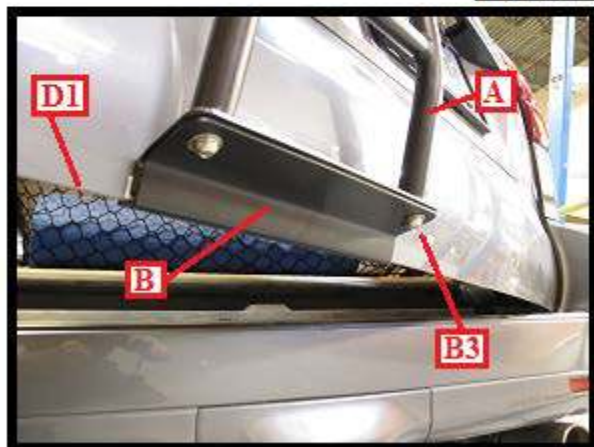
Fig. 10**Fig. 11**

As shown in Fig. 11 clean the inside area of the rear doors lower edge (B2) from masking tape marker to the left approximately 10" with denatured alcohol. Then as shown in Fig. 10, peel off the double back tape protective cover. Align pinch plate (B1) with lower door edge (B2) and masking tape marker and press into place as shown in Fig. 11.

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Fig. 12**Fig. 13**

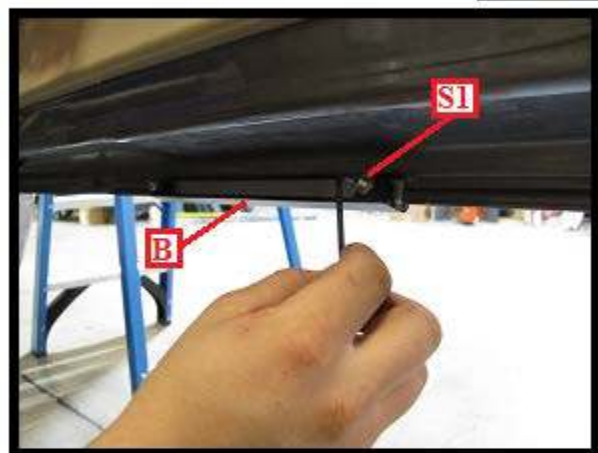
Remove from the bottom of ladder (A), 2 sets of 5/16-18 x 1" button head screws, lock washers and flat washers using a 3/16" Allen wrench located in Bag #1 of your hardware kit and set aside as they will be needed shortly. Clean the area of the rear door where ladder (A) was previously placed with denatured alcohol. Peel off the adhesive protective film cover from the bottom of ladder (A) as shown in Fig. 12 then place the ladder back up on hanger plate (C) as shown in Fig. 4. Prior to pressing the ladder against the rear door body pull down firmly so as to line up the bottom of the ladder with the lower door edge (D1) shown in Fig. 13 and Fig. 15 then hold firmly for 30 seconds. You may need help from another to complete this step.

Fig. 14**Fig. 15**

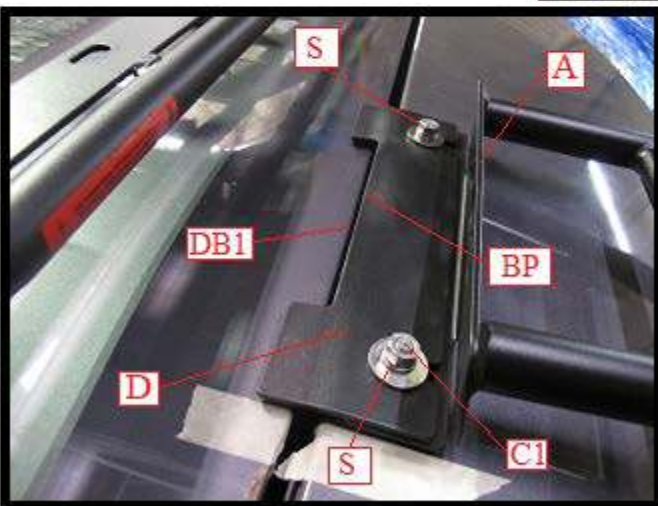
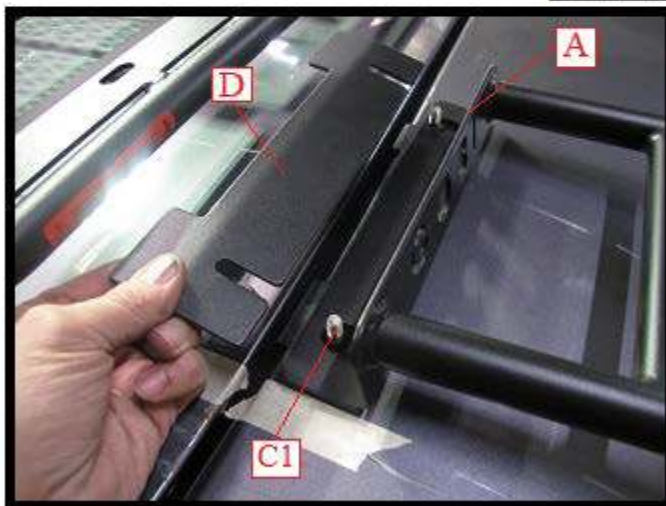
While one person is holding ladder (A) down in place open the rear door and install clamp plate (B) located in your hardware kit. Use the 2 screws (B3) previously removed, shown in Fig. 14 and thread up through clamp plate (B) then into the bottom of ladder (A). Use a 3/16" Allen wrench to fully secure screws (B3) in place as shown in Fig. 15. Do not use more than 10 lbs. torque to tighten.

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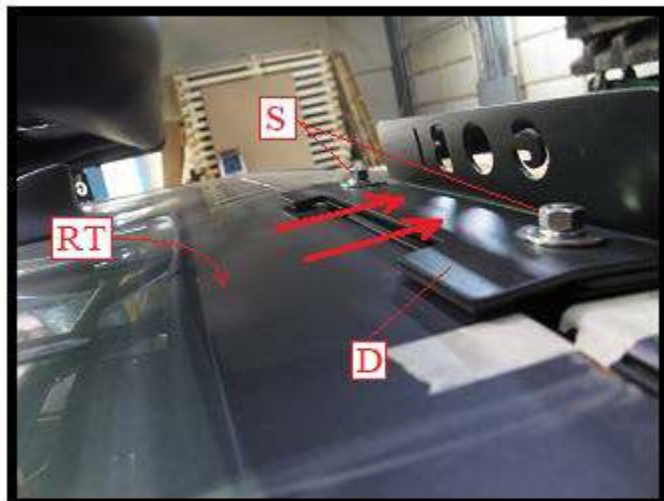
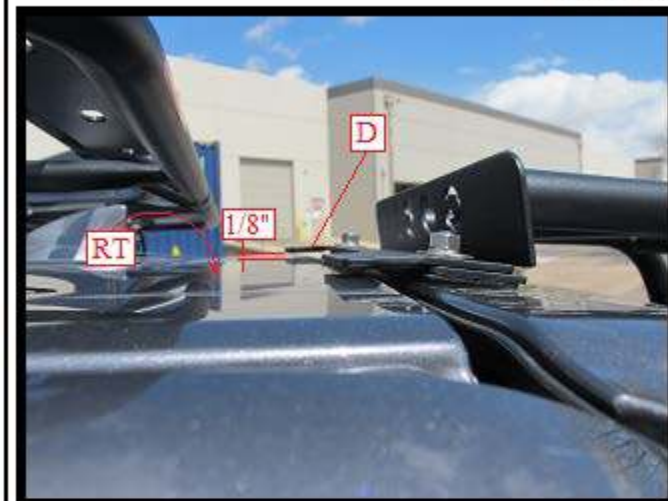
Fig. 16**Fig. 17**

Use the short 1/8" Allen wrench located in Bag #1 of your hardware kit and tighten the two set screws (S1) located on the back of clamp plate (B) as shown. Follow by tightening set screw jam nuts (N1) using a 7/16" box or open end wrench.

Fig. 18**Fig. 19**

As shown in Fig. 18, remove brace plate (D) from your hardware kit and place over upper ladder plate (A) shown in Fig. 19. Thread two 3/8" flat washers, two 5/16" lock washers and two 5/16" nuts (S) onto hanger plate threaded studs (C1). Do not tighten nuts at this time. As shown in Fig. 19 adjust brace plate (D) so that edge (BP) aligns with rear door body edge (DB1). Once alignment has been made snug down screws (S) finger tight. Do not fully tighten screws at this time. Do not open rear door at this time.

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Fig. 20**Fig. 21**

As shown in Fig. 20 make certain the bottom of brace plate (D) sits above rear roof top (RT) approximately 1/8" minimum. If brace plate (D) is too close, loosen nuts (S) as shown in Fig. 21 and slide brace plate (D) towards ladder shown by red arrows. Once adjustment has been confirmed fully tighten nuts (S) and use no more than 7 to 10 lbs. of torque. Remove all masking taper markers.

Installation Complete

CAUTION:

The GX-460 rear door only uses side door hinges. Please use caution when climbing the ladder. Apply most of your lifting and pulling strength to the middle section of the ladder.

NOTE: Rear ladder fits with and without rear tire carrier.

