

GOBI LEXUS GX-470 1ST GEN 2002-09 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.

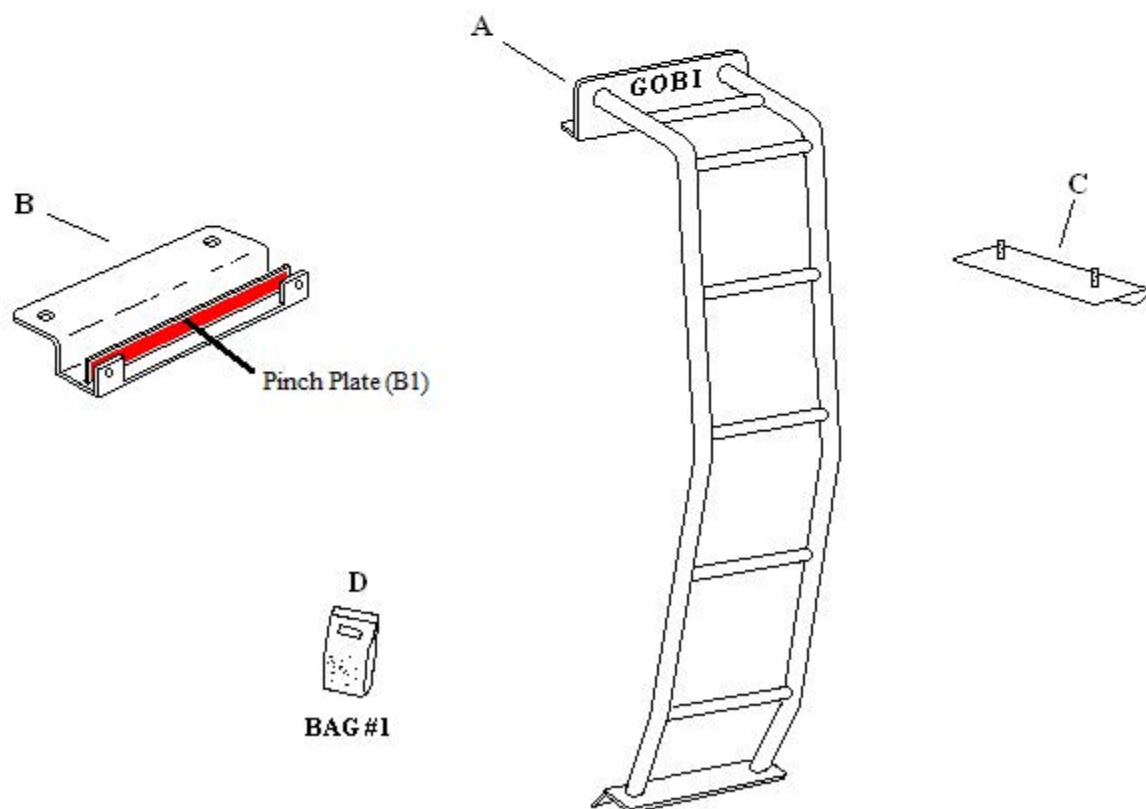
- For quality fits and safty, use only the recommended rack or accessory. Do not assume an accessory will fit, always check with dealer when obtaining new accessories. Use only approved accessories on load carriers. Using other brands will void your warrenty.
- Make sure all knobs, bolts, screws, straps,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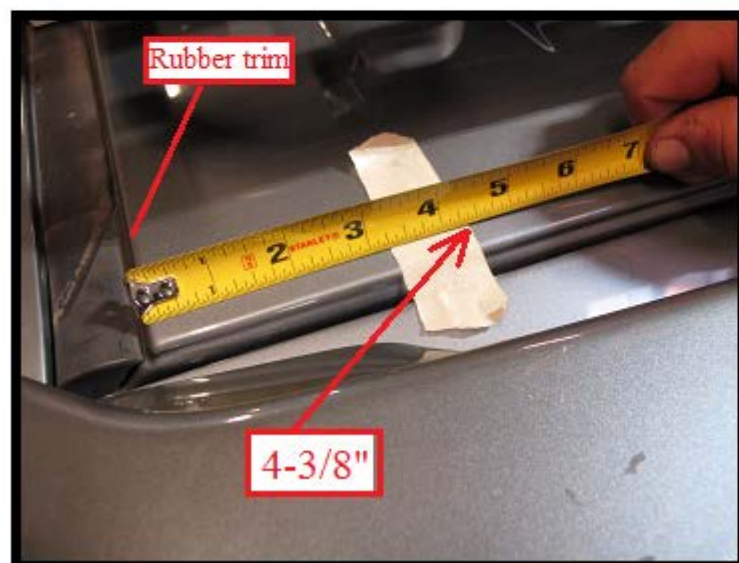
INSTALLATION INSTRUCTIONS

Included in kit

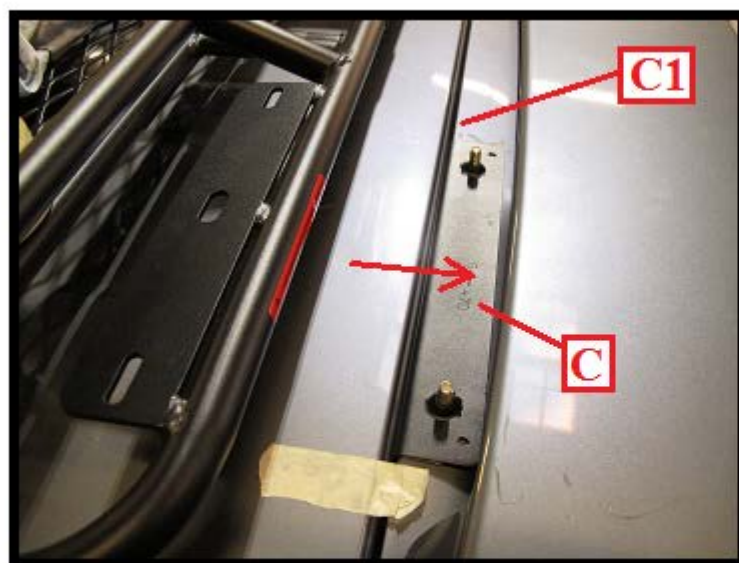
Letter	Description	Location	Quantity
A	GOBI LEXUS GX-470 1ST GEN REAR LADDER	Main box	1
B	LOWER LADDER CLAMP / PINCH PLATE	strapped to ladder	1
C	LADDER HANGER PLATE	strapped to ladder	1
D	GOBI LADDER MOUNTING HARDWARE CONTENTS: 2- 5/16" Stainless Nuts 2- 5/16" Stainless Lock washers 2- 5/16" Black neoprene stainless washer 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 washer SS 1- Clear wear strip 2" x 11" long	BAG #1 Pre-assembled to bottom of ladder	1



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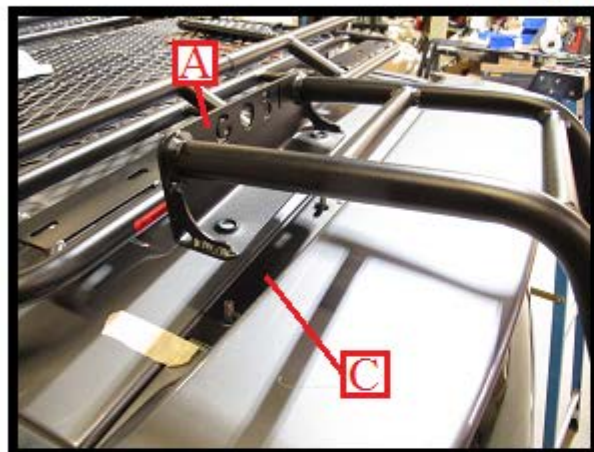
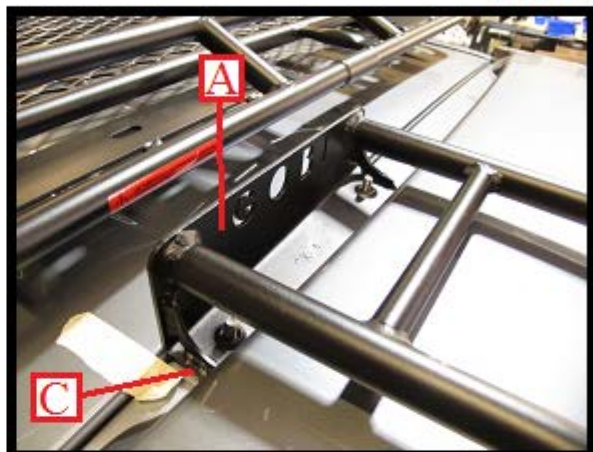
**Fig. 1**

Use a tape measure and mark with masking tape 4-3/8" from the inner edge of the vehicle's top rear driver's side rubber trim as shown in Fig.1

**Fig. 2**

Open the rear door slightly and slip hanger plate (C) in place on upper door edge (C1) and in line with masking tape marker as shown. Pull back hanger plate (C) with force in the direction of the red arrow and use masking tape to temporarily hold in place.

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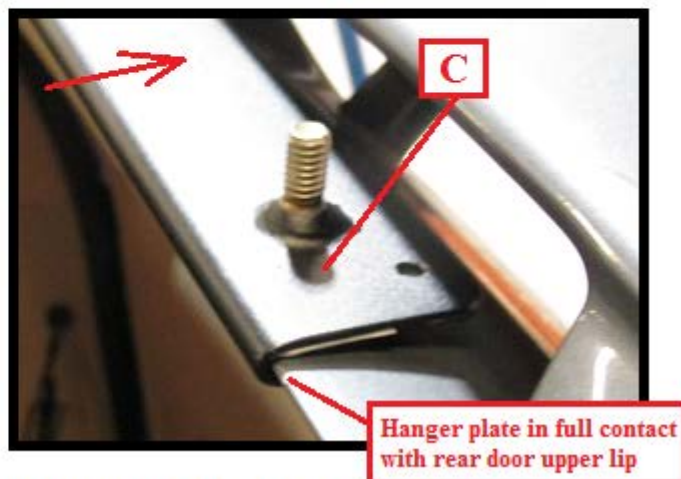
Fig. 3**Fig. 4**

Place ladder (A) onto hanger plate (C) as shown in Figures 3 and 4 and allow ladder to hang vertically as shown in Fig. 5

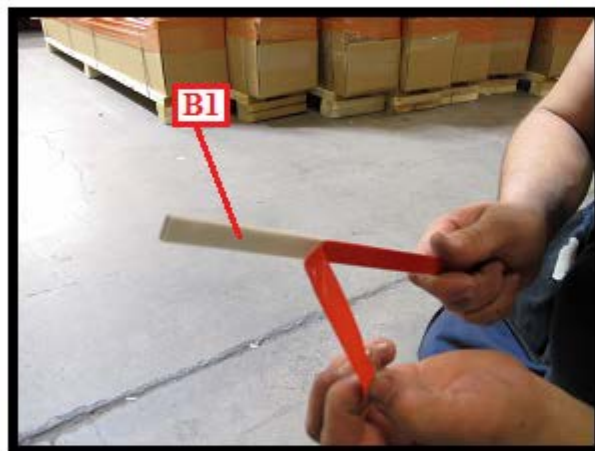
Fig. 5**Fig. 6**

Make certain ladder (A) is hanging visually true. Use the edge of the rear license plate to facilitate vertical alignment as shown in Fig. 5. Once you have verified ladder position place a piece of masking tape on the vehicle door in line with the lower left hand edge of the ladder as shown in Fig. 6. Remove ladder for next step.

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Fig. 7**Fig. 8**

Remove hanger plate (C) and clean the area where the hanger plate was seated with denatured alcohol. Peel off the double back tape protective film from under the hanger plate and install in line with the masking tape marker as before. Make certain to pull back on the hanger plate in the direction of the red arrow as shown in Fig. 8 with force during the install to make certain that the hook end of the hanger plate is in full contact with the upper door lip as shown.

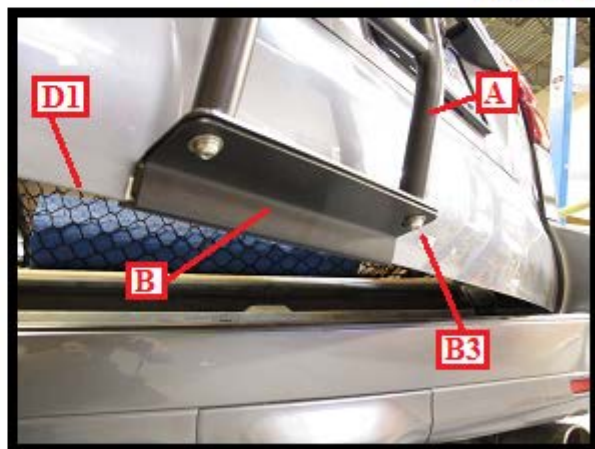
Fig. 9**Fig. 10**

Refer to the bottom of the rear door where you placed the masking tape marker as shown in Fig. 6. Remove from lower ladder clamp (B) pinch plate (B1) as shown on page 3 and Fig. 9 above. Open the rear door and clean the area of the inner door lip (B2) shown by red arrows next to the masking tape marker with denatured alcohol shown in Fig. 10. Peel off the protective adhesive tape film shown in Fig. 9 and attach to the lower inside door lip as shown in Fig. 10 hold down firmly for approximately 30 seconds.

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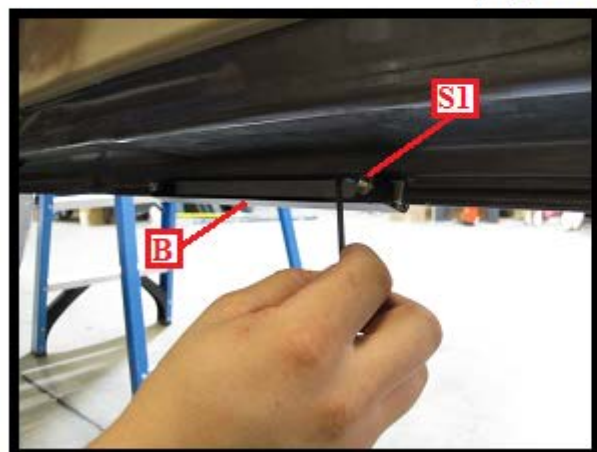
Fig. 11**Fig. 12**

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. 11 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. 12 and Fig. 14 then hold firmly for 30 seconds. You may need help from another to complete this step.

Fig. 13**Fig. 14**

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 sets of screws previously removed in Fig. 11 and 12 and thread 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. 14. Remove the masking tape marker at this time.

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Fig. 15**Fig. 16**

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. 17**Fig. 18**

Thread two 5/16" neoprene cupped washers, two 5/16" lock washers and two 5/16" nuts (S) located in Bag #1 of your hardware kit onto the threaded studs of hanger plate (C) as shown in Fig. 17. Secure in place using a 1/2" box or open end wrench "DO NOT OVER TIGHTEN". Refer to Fig. 18 and clean the area of the roof top edge (E) opposite the ladder with denatured alcohol. You will need to open the rear door to fully clean the area then install the clear wear tape supplied in Bag #1 of your hardware kit onto the edge as shown. The tape will prevent scuffing of the vehicle body paint with repeated shutting of the rear door. Replace clear tape when signs of wear appear.

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REMOVE ALL MASKING TAPE MARKERS

Installation complete

CAUTION:

The GX-470 rear door has no upper hinges so take caution when climbing the ladder. Apply most of your lifting and pulling strength to the mid section of the ladder.