

GOBI TOYOTA LAND CRUISER 100 SERIES 1998-02 REAR DOOR LADDER WITH SPOILER 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.

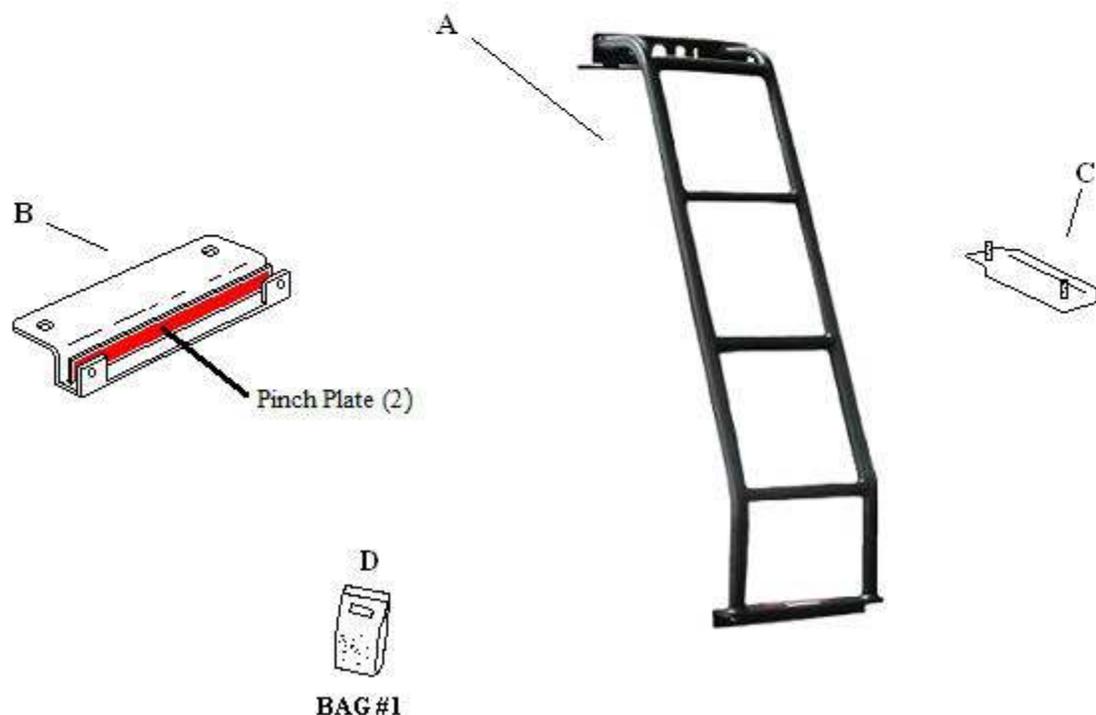
- For quality fits and safty, use only the recommended rack or accessory. Do not assume an accessory will fit, always check with dealer when obtaining new accessories. Use only approved accessories on load carriers. Using other brands will void your warrenty.
- Make sure all knobs, bolts, screws, straps,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

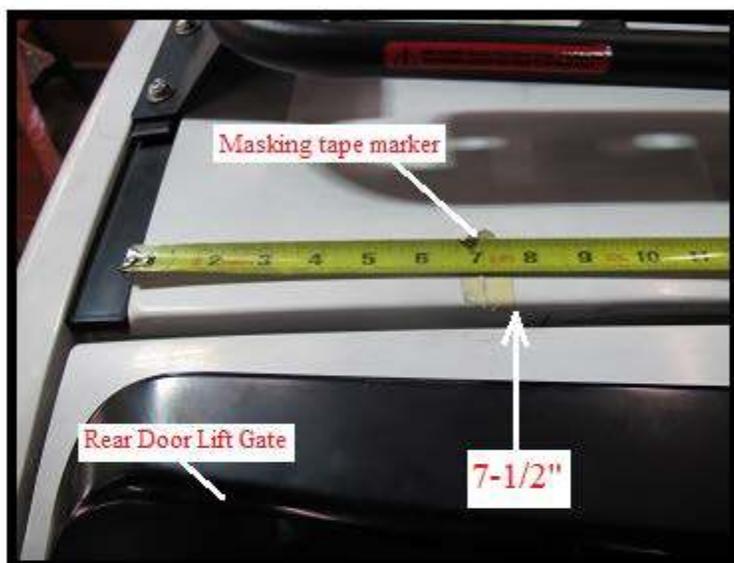
GOBI LAND CRUISER 200 SERIES REAR DOOR LADDER

Included in kit

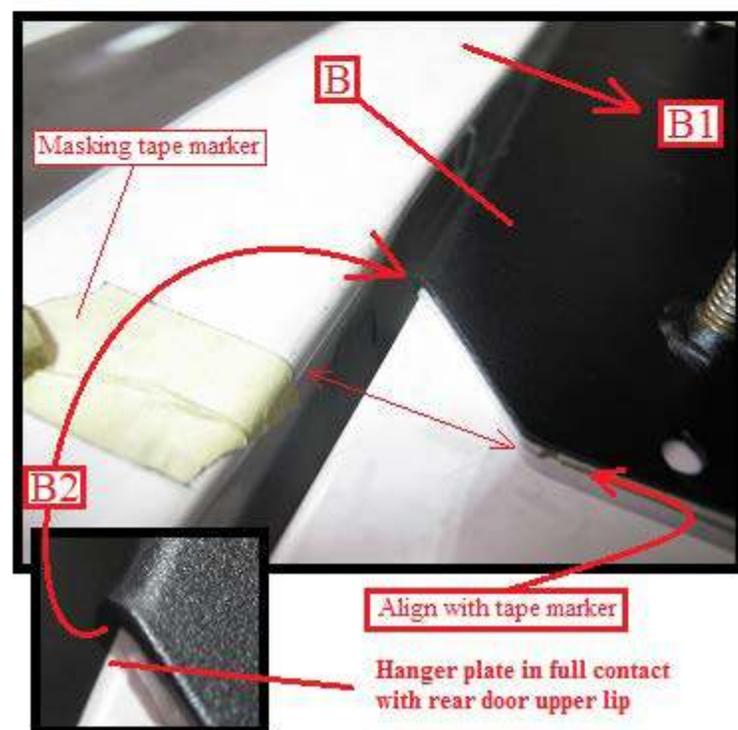
Letter	Description	Location	Quantity
A	GOBI LC 100 SERIES REAR DOOR LADDER W/SPOILER	Main box	1
B	LOWER LADDER CLAMP / PINCH PLATE	strapped to ladder	1
C	LADDER HANGER PLATE	strapped to ladder	1
D	GOBI LADDER MOUNTING HARDWARE CONTENTS: 2-5/16" Stainless Nuts 2-5/16" Stainless Lock washers 2-5/16" Black neoprene stainless washer 1-3/16 Allen wrench 1-1/8" Allen wrench 2- 5/16 x 1" Button head Screw SS } Pre-assembled 2- 5/16" Flat washers SS } to bottom 2- 5/16" Lock washer SS } of ladder	BAG #1	1



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**Fig. 1**

Use a tape measure and mark with masking tape 7-1/2" from the inner edge of the vehicle's top rear driver side corner, just above the rear door lift gate as shown.

**Fig. 2**

Install ladder hanger plate (B) with left side of plate in line with the masking taper marker as shown. Then pull back with force on the hanger plate in the direction of arrow (B1), so that hook end (B2) of the hanger plate makes full contact with the rear door lip. Anchor hanger plate down temporarily with masking tape to prevent movement during next step.

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**Fig. 3**

Place ladder (A) onto hanger plate (C) as shown and allow to hang down.

**Fig. 4**

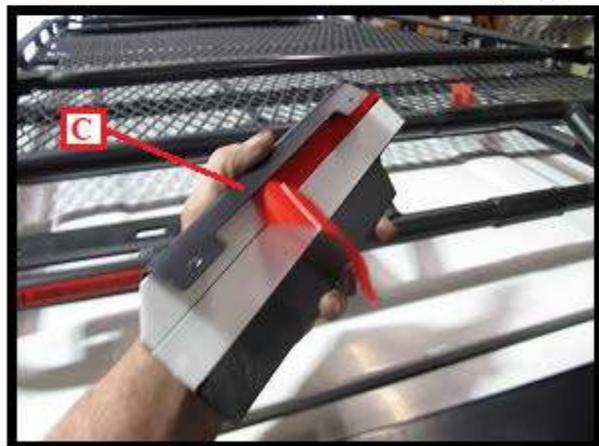
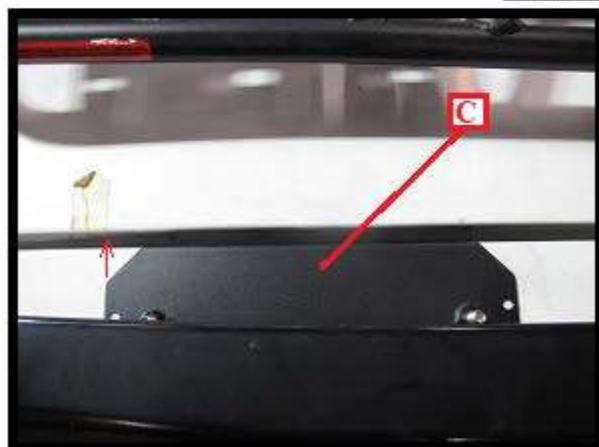
Make certain the ladder is hanging vertically true then place a masking tape marker to the lower left side of the ladder as shown.

**Masking tape marker**

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Masking tape
marker**Fig. 5**

Carefully remove ladder from the rear door. Make certain hanger plate (C) is still firmly attached to upper door edge with masking tape or the like, as previously shown on Fig. 3. Fully lift up the rear door lift gate as shown in Fig. 5. Clean lower door lip area (B) along the entire length of the inner door lip seam up to the masking tape marker with denatured alcohol. Remove pinch plate (2) from clamp (B) as shown on page 2 of your hardware list. Peel off the double back tape protective film from pinch plate (2). Install pinch plate (2) level with the bottom of the rear door lower lip and to the right of the masking tape marker previously installed and as shown in Fig. 5. Press down firmly for 30 seconds.

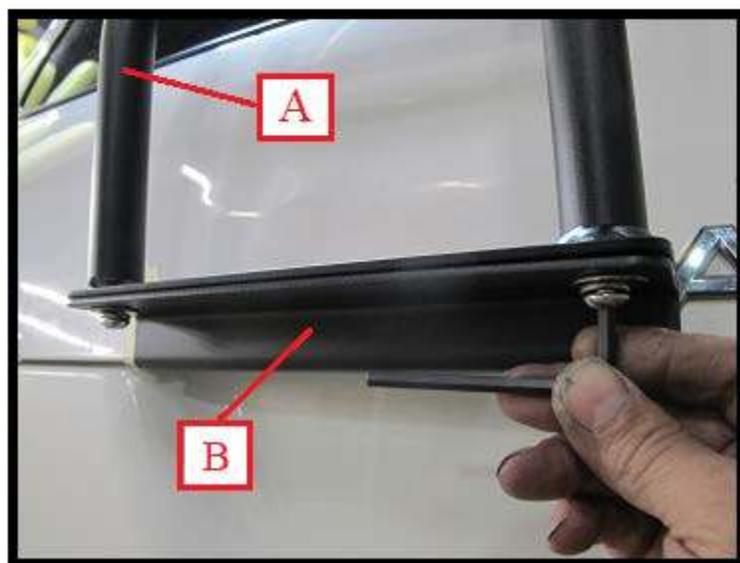
Fig. 6**Fig. 7**

Close the rear hatch and remove ladder hanger plate (C). Clean the area where hanger plate (C) was placed with denatured alcohol. Peel off the protective tape cover from the bottom of hanger plate (C) as shown in Fig. 6. Refer to Fig. 2 and Fig. 3 and re-install hanger plate (C). Figure 7 above shows hanger plate (C) properly installed. Press down in place and hold for at least 30 seconds.

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Clean the surface of the rear door (D) directly under the ladder base plate (B1) with denatured alcohol as shown in Fig. 7. Remove two 5/16-18 x 1" button head screws and washers located under the ladder base plate (B1) and place nearby as they will be needed shortly. Peel off the red double back tape protective film from the bottom of the ladder as shown in Fig. 7a. Install the ladder back onto the hanger plate and pull down firmly until the bottom of the ladder aligns with the masking tape marker and lower door lip. Hold in place for 30 seconds. Assistance from another person may be needed to maintain downward pressure to hold the ladder in place until clamp plate (B) is installed on the next step.



Remove clamp (B) from your hardware kit. While holding downward pressure on ladder (A), install clamp plate (B) as shown using the two 5/16-18 x 1" button head screws and washers previously removed. Fully tighten down the two button head screws using the 3/16" short Allen wrench located in Bag #1 of your hardware kit.

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Fig. 9

Use the short 1/8" Allen wrench located in Bag #1 of your hardware kit and tighten the two set screws located on the back of clamp plate (B) with no more than 5 to 7 lbs. torque as shown in Fig. 9. In some cases, pinch plate (2) may tilt during tightening, this will not affect the performance or strength of the ladder.

Fig. 10

Use a 7/16" open end wrench and tighten down both nuts (B3) as shown in Fig. 10 of clamp plate (B). Use approximately 5 to 7 lbs. torque to tighten.

Fig. 11

Install two neoprene washers, lock washers and nuts located in Bag #1 of your hardware kit, onto the hanger plate threaded studs as shown. Tighten down with approximately 5 lbs. of torque, do not overtighten,

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Remove all masking tape markers
Installation complete