

GOBI H1,H2,H3 RANGER TIE DOWN SYSTEM INSTALLATION INSTRUCTIONS

Guidelines:

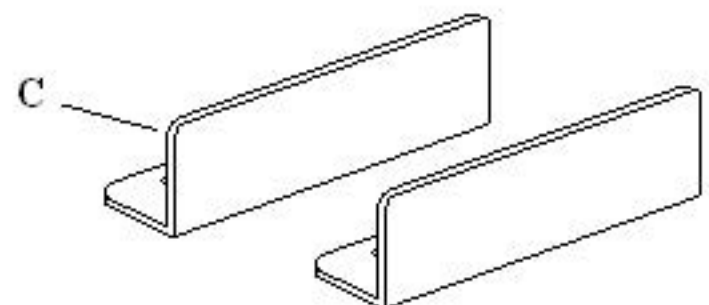
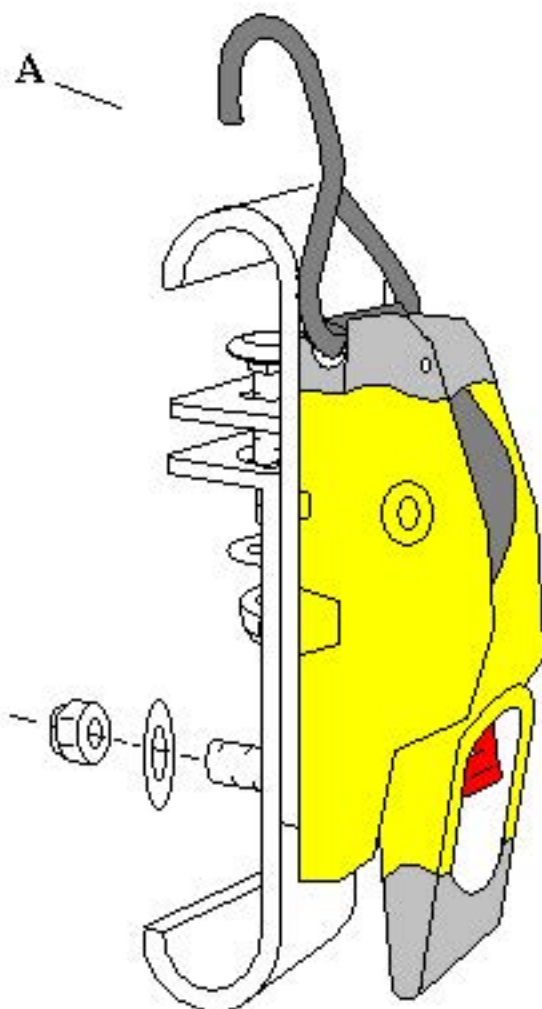
When using Load Carriers and Accessories, the user must understand the precautions. The points listed below will assist you in using the rack /carrier system and will encourage safety.

- 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 entering 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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Included in kit

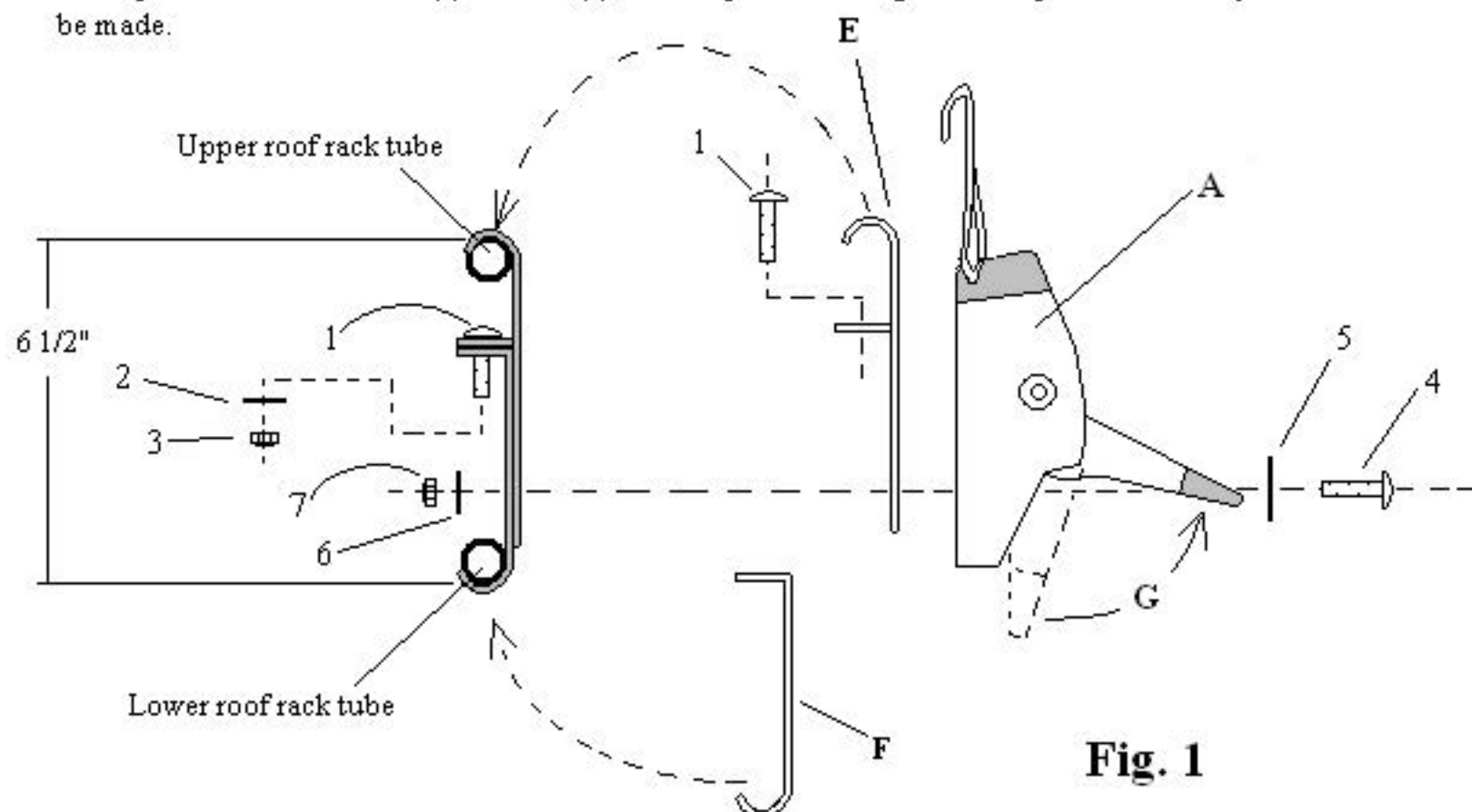
Letter	Description	Quantity
A	RETRACTABLE CARGO STRAP CLAMP ASSEMBLY	2
B	Plastic coated Delta Hooks	2
C	Aluminum Black Powder Coated Stop Brackets	2
D	<u>TIE DOWN SYSTEM HARDWARE</u> CONTENTS: 4 5/16-18 x 1" SS Button head screw 8- 5/16" SS Flat Fender washer 4 5/16" Nylok Nut 1- 7/32" Allen wrench	BAG #1



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Installation instructions:

- 1- Read all instructions carefully and make certain all hardware is present prior to install.
- 2- The Cargo Tie down straps can be anchored at any point along the outer perimeter of the roof rack so long as the spacing of the upper and lower rack tubing fits within the attachment clamps "E" and "F" as shown on page 3 Fig. 1. Spacing of the upper and lower tubing outer edges for a Ranger roof rack should be approximately 6 1/2" (.1651m). If you are planning to tie down a Jerrywater or fuel can you should consider the roof rack "Cross bar" shown on page 5 Fig. 2 and the "Outer perimeter tubing" as two points of stability. The third will be stop bracket "C" and the fourth will be the Delta hook "B" as shown on page 5 Fig. 2 and Fig. 3. If possible decide ahead of time how your cargo will be stowed prior to install to avoid unnecessary repositioning of the Cargo tie down attachment.
- 3- Refer to page 3 Fig. 1 and remove lower clamp "F" and Cargo Ratchet Tie Down Strap (A) from your Cargo Tie Down clamp assembly by removing nuts and washers (2) (3) (7) and (6). Leave carriage bolt (1) assembled into upper clamp (E) at this time. To remove nut (7) and washer (6) you will need to raise ratchet handle (G) to its fullest upper position by depressing the red button within the handle and pulling up at the same time as shown in Fig. 1. Use the 7/32" Allen wrench supplied in your hardware kit to hold the Allen screw in place while you loosen nut (7). Leave Allen screw (7) in place within Cargo ratchet assembly (A) at this time.
- 4- Place the upper clamp assembly (E) with carriage bolt (1) in place onto the desired position on the roof rack outer perimeter tubing then follow by placing lower clamp (F) below and opposite upper clamp (E) as shown in Fig. 1 page 3. Attach flat washer (2) and nut (3) onto carriage bolt (1) and snug down loosely at this time.
- 5- Refer to page 3 Fig. 1 attach Cargo Tie Down ratchet assembly (A) back onto clamps (E) and (F) with the ratchet handle in the open position as shown in Fig 1 (G). Place flat washer (5) and Allen screw (4) into the mounting hole of Cargo Tie Down ratchet (A) and continue by placing Allen screw (4) into clamp assembly (E) and (F) as shown in Fig 1. Use the 7/32" Allen wrench supplied in you hardware kit to hold the Allen head screw in place while you install flat washer (6) and nut (7) back in place. Snug down only at this time adjustments will have to be made.

**Fig. 1**

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Installation instructions:

- 6- Refer again to Fig 1 page 3 once the Cargo Tie Down ratchet assembly is installed loosely onto clamps (E) and (F) begin to fully tighten down nut (3) to close the clamp onto the upper and lower tubes. While the Cargo Tie Down ratchet handle is still in the open position place the 7/32" Allen wrench into Allen screw (4) and hold in place while fully tightening nut (7) and flat washer (6) be sure to hold the Cargo Tie Down ratchet assembly in the vertical position as shown in Fig. 1 during the tightening process.
- 7- Continue the same process to the second Cargo Tie Down assembly.
- 8- Refer to page 5 Fig. 2 and Fig. 3 as mentioned in step 2 if you are planning to tie down a Jerry water or Fuel can you will have to anchor down all sides of the Jerry cans securely to prevent dislodging during transport. For best results use the cross bar and outer perimeter of your roof rack as shown on page 5 Fig. 2 and Fig. 3 then install stop bracket (C) onto the expanded metal deck as shown on page 5 Fig. 2 and Fig. 3 using the hardware supplied in your kit Bag#1. Up to three Jerry cans can be tied down using one Gobi Cargo Tie Down ratchet system. Once the Jerry cans have been prevented from moving in three directions follow by using the Delta hook "B" supplied in your kit to secure the final side. Slide the Delta hook under the expanded metal deck close to the side of the Jerry Can as shown in Fig. 2 and Fig. 3 then raise the short hook end of the Delta hood upwards along the side of the Jerry Can slide the S-hook of the Cargo Tie Down strap under the Delta hook as shown in Fig. 2 and Fig. 3 then using the Cargo ratchet handle (G) ratchet the Jerry Cans down tightly and secure the handle by fully locking the handle in the fullest down position you will have to depress the red button and push down. Installation is complete.

BASIC RATCHET STRAP OPERATING INSTRUCTIONS

- 1- "TO START" make sure ratchet is in neutral position by pressing red thumb release until it is locked in place (fig. 1). Pull end of strap to desired length. Attach hooks to anchor points.
- 2- "TO OPERATE" press down on red release and position tightening tabs in slot (Fig. 2).
- 3- Proceed to tighten by moving the ratchet back and forth in slot until secure (Fig. 3) Do not over tighten.
- 4- "TO RETRACT" press down on red button (Fig. 4).



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After installation the Gobi Jerry Can/Cargo Tie Down ratchet system can span up to 3 jerry water or fuel cans in a row. Place the bottom ends of the 1 or up to 3 jerry cans along the Gobi racks cross bar as illustrated in Fig. 2 and Fig 3. Once in place use the Gobi Delta Hook "B" as shown in Fig 2 on the side of the very last jerry can as illustrated in Fig. 2. Place the Tie down strap "S" hook through the Gobi Delta hook and ratchet down tight. Attach the stop bracket "C" to the expanded metal deck as shown in Fig. 3 page 5. A single stop bracket "C" is designed to support up to 2 jerry cans. The Gobi USA Jerry Can/Cargo Ratchet Tie Down system has been designed to provide the user with the maximum flexibility of a Gobi racks cargo space. Providing specific containment systems limits roof racks from attaining their full field use when other items beyond the scope of jerry cans are required. With the GOBI USA Jerry Can/Cargo Ratchet Tie Down system canoes, kayaks, tents, ladders, generators basically anything can be tied down in place of jerry cans at a moment's notice.

