

GOBI TOYOTA RAV 4 2019-24 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"

**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 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. 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.

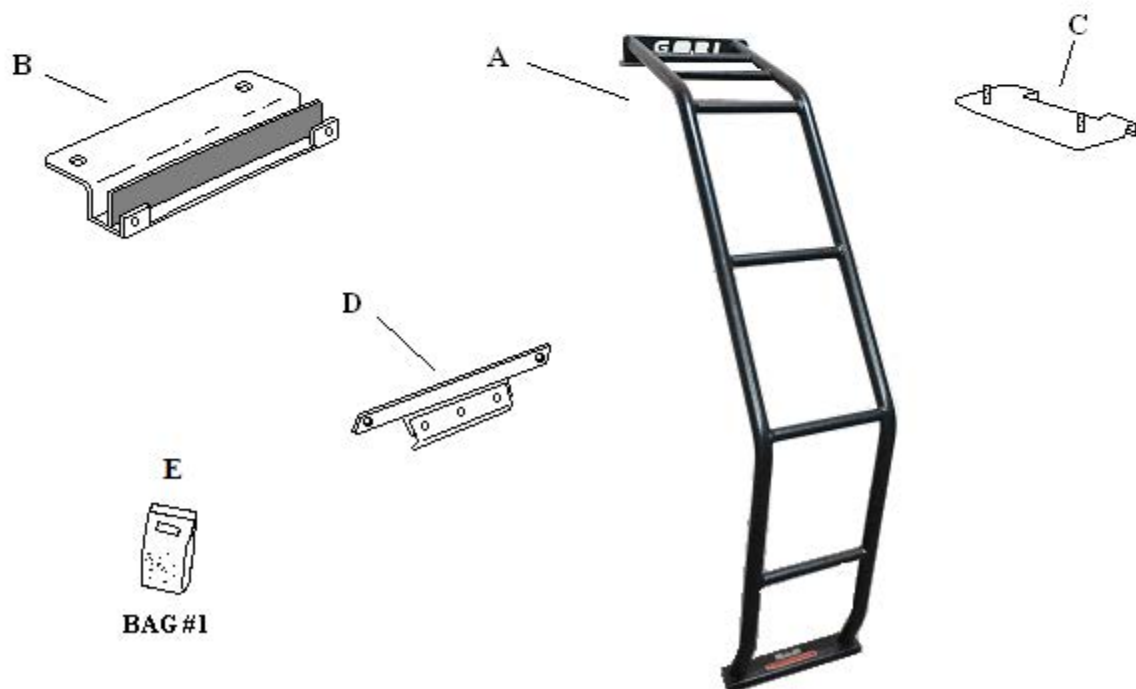
REAE ALL INSTRUCTIONS PRIOR TO INSTALL AND USE ANTI-SEIZE LUBRICANT ON ALL SCREWS DURING THE INSTALLTION PROCESS

GOBI TOYOTA RAV 4 2019-24 REAR DOOR LADDER

INSTALLATION INSTRUCTIONS

Included in kit

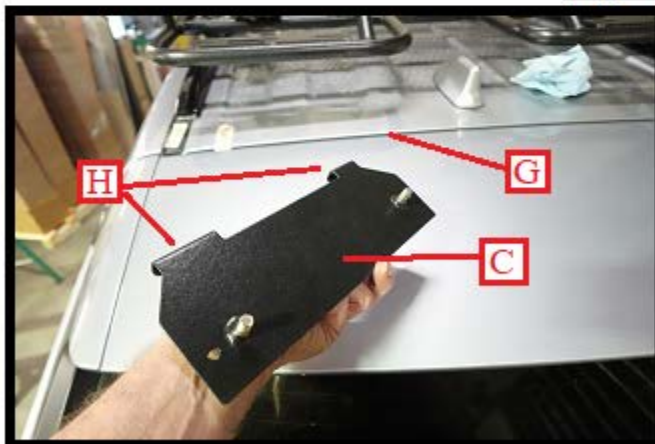
Letter	Description	Location	Quantity
A	GOBI TOYOTA RAV 4 REAR DRIVER SIDE LADDER	Main box	1
B	LOWER LADDER MOUNTING BRACKET	strapped to ladder	1
C	LADDER HANGER PLATE	strapped to ladder	1
D	LOWER LADDER ADJUSTABLE SUPPORT	strapped to ladder	1
E	GOBI LADDER MOUNTING HARDWARE CONTENTS: 2- 5/16" Nuts SS 2- 5/16" Lock washer SS 2- 3/8" Flat washer SS 1- 1/8" Allen wrench 1- 3/16" Short Allen wrench 1- Pack Anti-seize 1- 1" x 10" Clear wear tape 2- 5/16-18 x 1" SS Button head screws 2- 5/16" SS Flat washers 2- 5/16" SS Lock washers	BAG #1 Pre-assembled to bottom of ladder	1



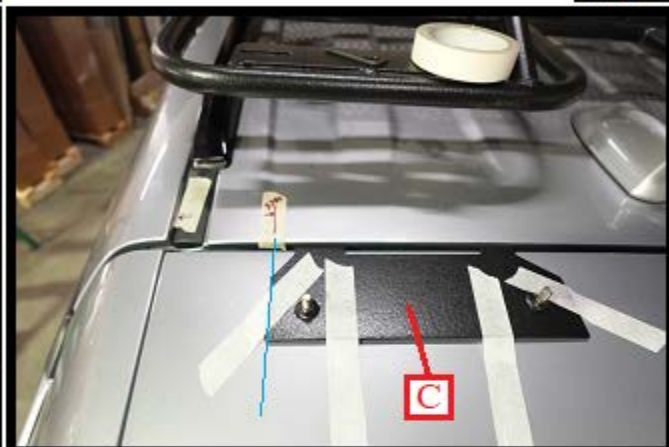
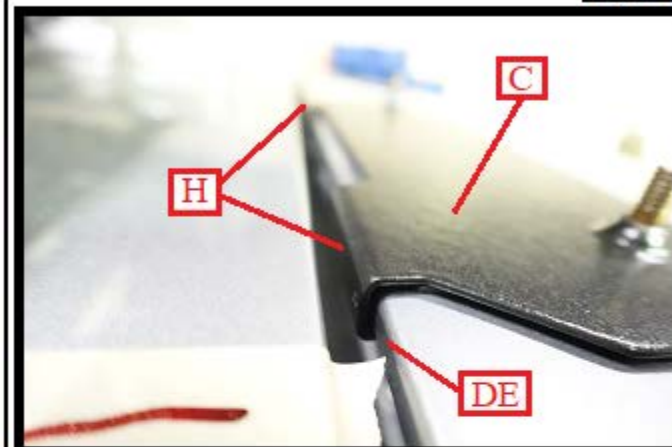
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Fig. 1**Fig. 2**

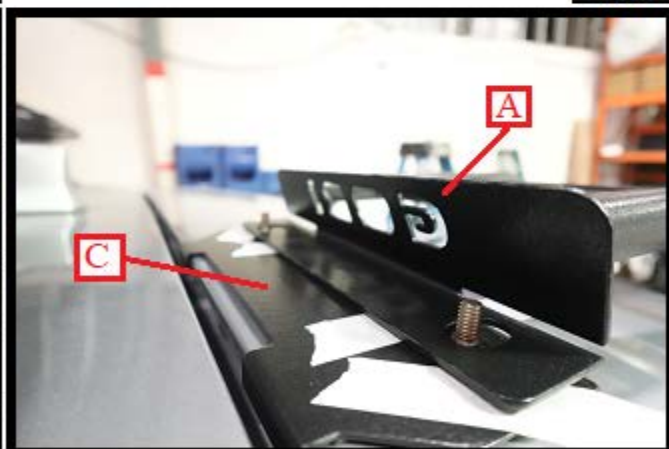
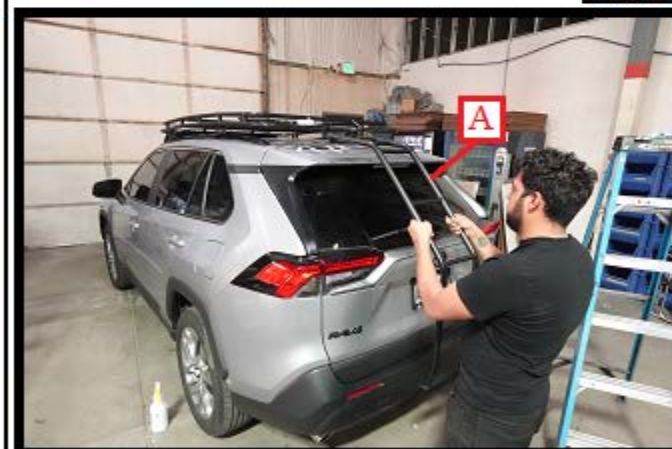
As shown in Fig. 1 and Fig. 2, use masking tape and mark a line on the roof top 3-3/4" from the driver side outer roof top trim edge (T). Then clean the area shown in Fig. 1 with denatured alcohol.

Fig. 3**Fig. 4**

As shown in Fig. 3 and Fig. 4, remove hanger plate (C) from your hardware kit and set hooks (H) into the top of the rear door gap (G).

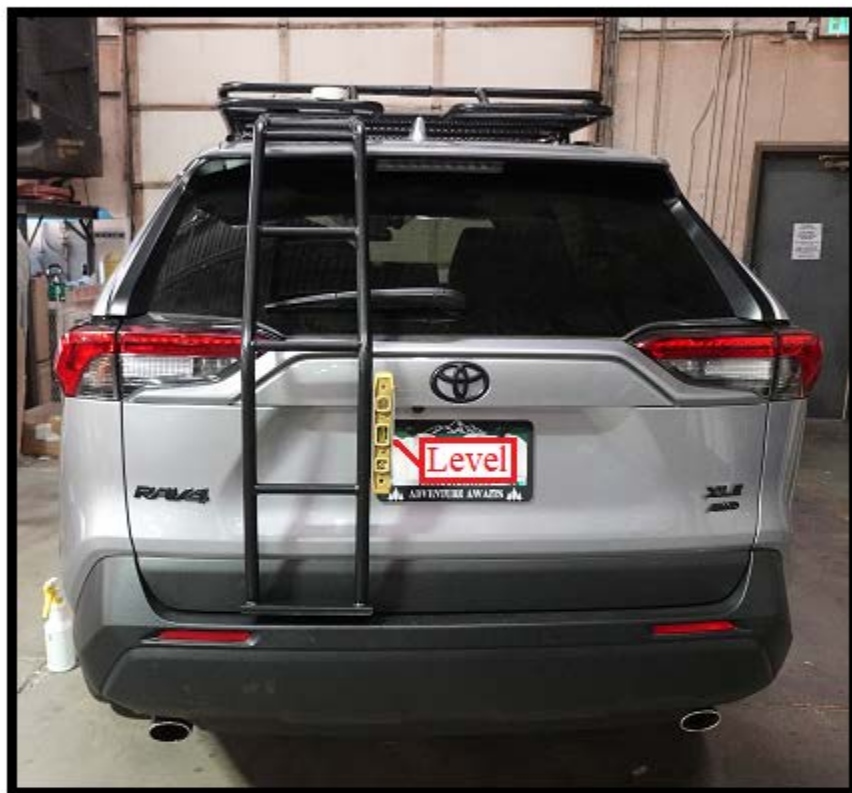
GOBI TOYOTA RAV 4 2019-24 REAR DOOR LADDER**INSTALLATION INSTRUCTIONS****Fig. 5****Fig. 6**

As shown in Fig. 5, make certain that hooks (H) of hanger plate (C) are contacting the back upper door edge (DE). Then as shown in Fig. 6, line up the left side of hanger plate (C) with the 3-3/4" marker line made earlier. The blue line indicates how the left edge of hanger plate (C) must line up with the 3-3/4" marker line. Then use masking tape to temporarily hold hanger plate (C) in place as shown in Fig. 6.

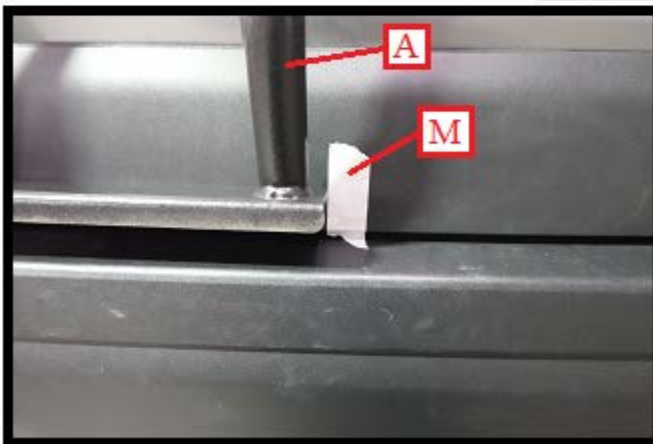
Fig. 7**Fig. 8**

As shown in Fig. 7, place ladder (A) on to hanger plate (C) shown in Fig. 8. Then let the ladder hang on the back of the door.

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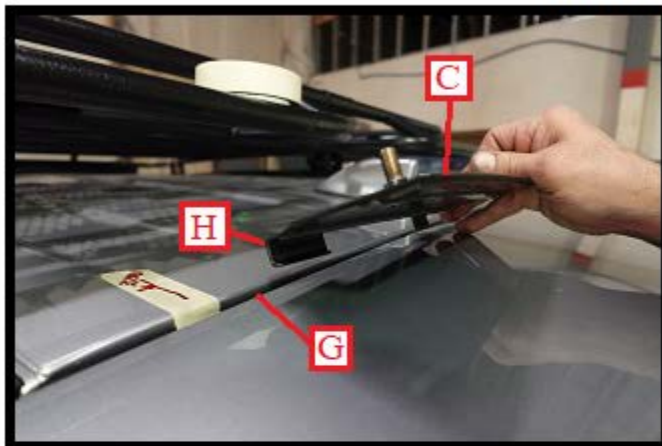
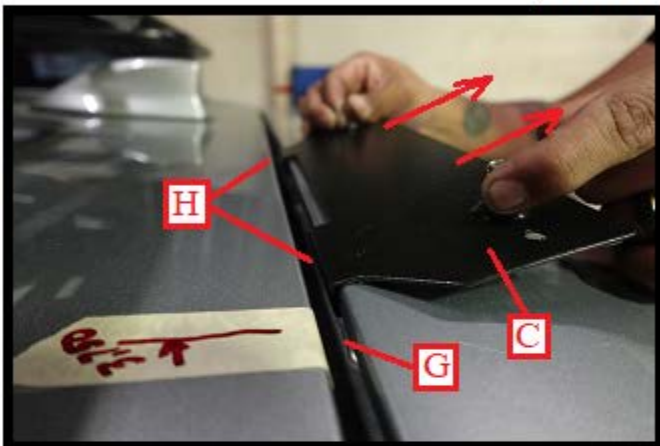
**Fig. 10****Fig. 9**

As shown in Fig. 9, allow ladder (A) to hang and rest on rear door then use a small level, magnetic if available on the side of the ladder and position ladder so that it sits vertical.

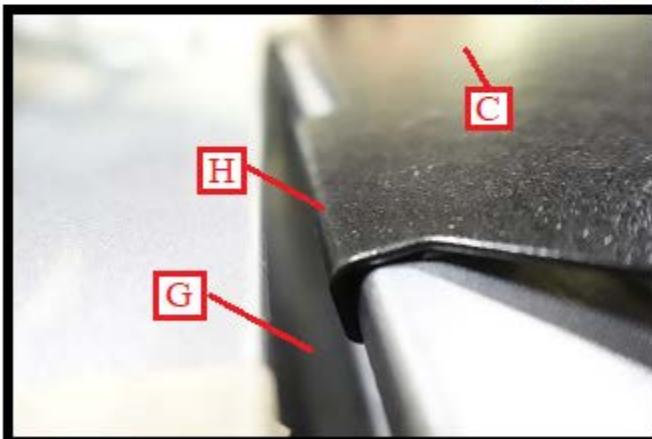
**Fig. 11**

As shown in Fig. 10, place a small piece of masking tape (M) to the right side bottom of ladder (A) to mark its position, then remove ladder (A). As shown in Fig. 11, remove hanger plate (C) from the top of the rear door. Peel off the double back tape red protective cover and move on to Fig. 12.

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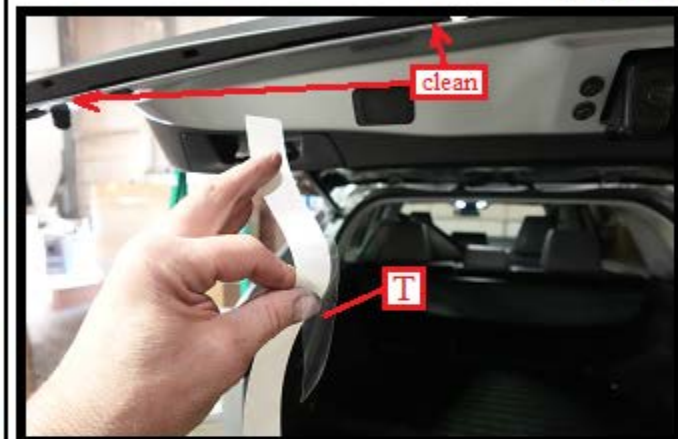
Fig. 12**Fig. 13**

As shown in Fig. 12 and Fig. 13, place hanger plate (C) hooks (H) into gap (G) as was done earlier on page 4 Fig. 4. Keep hanger plate (C) at an angle as shown in Fig. 13 while pulling with some force in the direction of the red arrows.

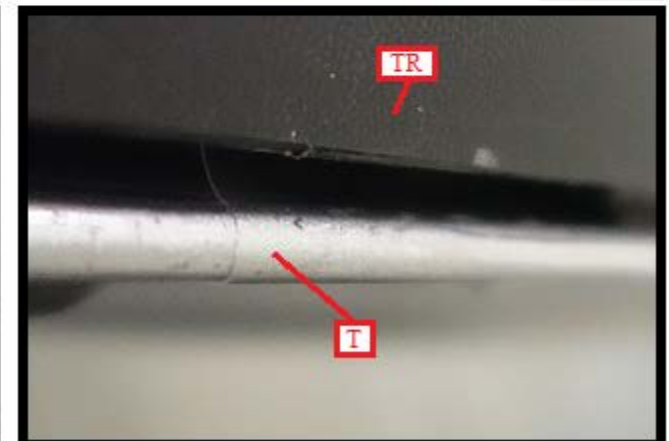
Fig. 14**Fig. 15**

As shown in Fig. 14 and Fig. 15, while keeping pressure on hanger plate (C) in the direction of the red arrows, lay hanger plate flat onto the top of the rear door and apply some top pressure on the hanger plate (C) for 30 seconds to secure in place.

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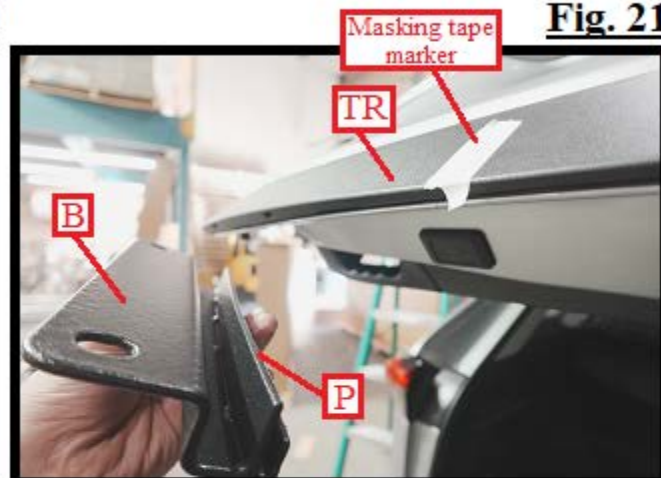
Fig. 16**Fig. 17**

As shown in Fig. 16, clean off the lower edge of the rear door from the masking tape marker no less than 10" to the left shown by a red arrow. Then remove one piece of clear wear tape (T) from Bag #1. Peel off the protective white backing and attach clear tape (T) as shown in Fig. 17 from the masking tape marker left. Apply the clear tape (T) so that half of the tape covers the inside of the door, and the other half covers the top side of the door. You will need to lift the plastic trim (TR) a small amount to push the clear tape under.

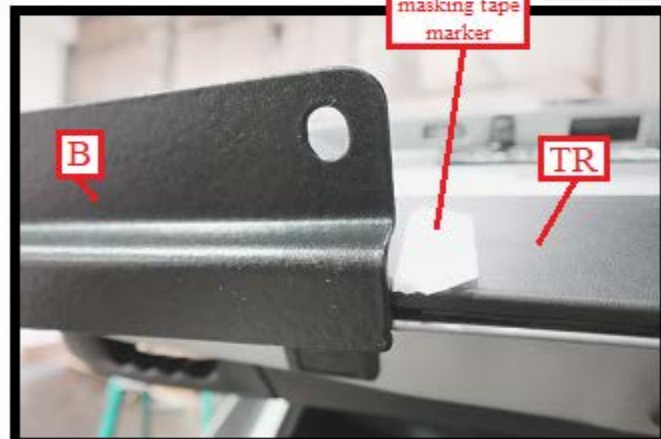
Fig. 18**Fig. 19**

As shown in Fig. 18, press the clear wear tape (T) under the door as shown by the red arrows. Figure 19 is a close-up view of the clear wear tape (T) wrapped over lower edge and to outside of door under trim (TR).

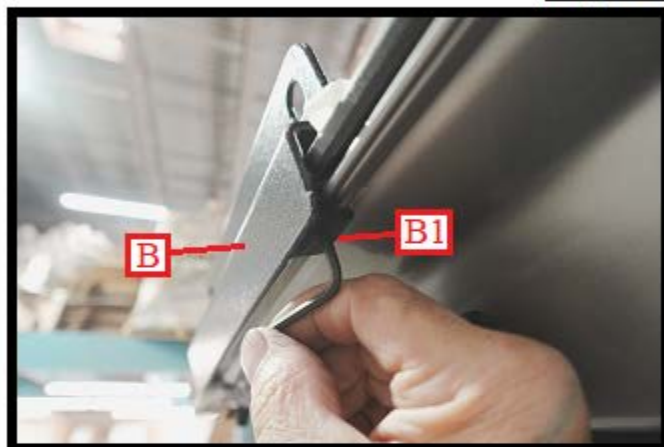
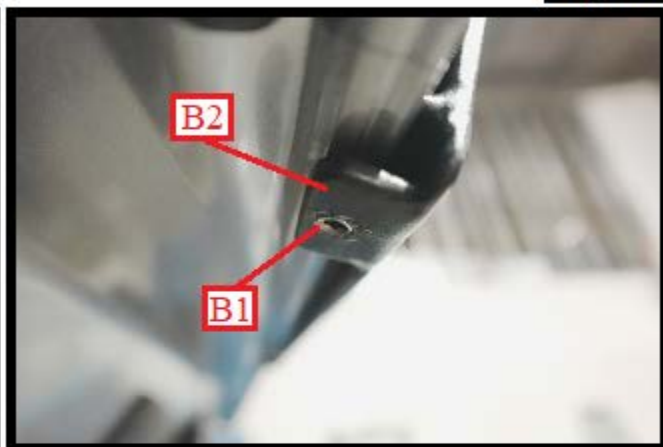
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Fig. 20**Fig. 21**

As shown in Fig. 20, make sure the rear tail gate is in the open position approximately halfway up. Remove the lower clamp (B) from your hardware kit. Place clamp plate (B) in the direction shown in Fig. 21 with plate (P) facing up and the right-side edge near the masking tape marker shown on rear body trim (TR).

Fig. 22**Fig. 23**

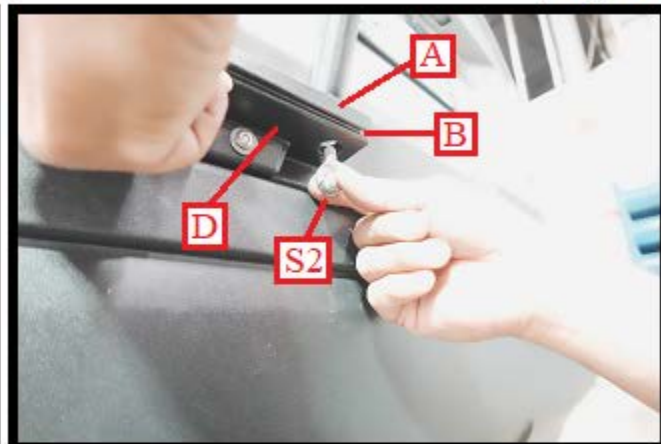
As shown in Fig. 22, slide clamp plate (P) in between body trim (TR) and rear door body (DB). Push clamp (B) up as far as possible and align the right side of clamp (B) with masking tape marker as shown in Fig. 23.

GOBI TOYOTA RAV 4 2019-24 REAR DOOR LADDER**INSTALLATION INSTRUCTIONS****Fig. 24****Fig. 25**

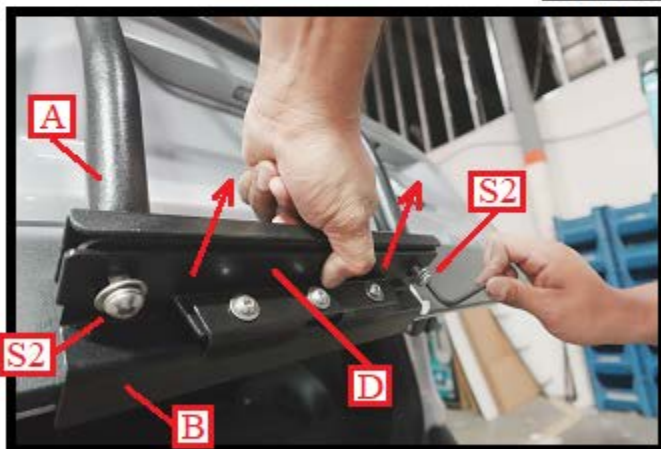
As shown in Fig. 24, use the supplied 1/8" Allen wrench located in Bag #1 and fully tighten both screws (B1) of clamp plate (B). Make certain the head of screw (B1) is flush with face of tab (B2) shown in Fig. 25.

Fig. 26**Fig. 27**

As shown in Fig. 26, close rear door fully and install ladder (A) back onto hanger plate (C) as was done on page 5 Fig. 8. Allow ladder to rest on top of lower clamp (B) as shown in Fig. 27. As shown in Fig. 27, remove lower ladder support (D) from your hardware kit.

GOBI TOYOTA RAV 4 2019-24 REAR DOOR LADDER**INSTALLATION INSTRUCTIONS****Fig. 28****Fig. 29**

As shown in Fig. 28 and Fig. 29, place lower ladder support (D) under clamp (B). Squeeze together Ladder (A), clamp (B) and lower support (D) and thread in one 5/16-18 x 1" button head screw, one 5/16" lock washer and one 5/16" flat washer (S2) shown in Fig. 29 assembling all three parts together. Thread screw in approximately 1/4", do not fully tighten. Apply the same to the second screw (S2) as shown in Fig. 31.

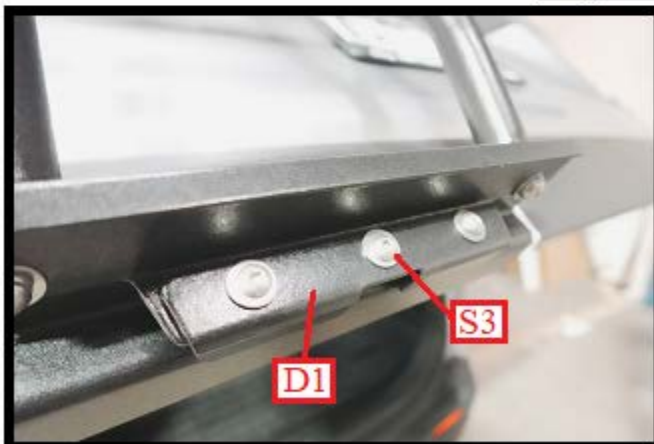
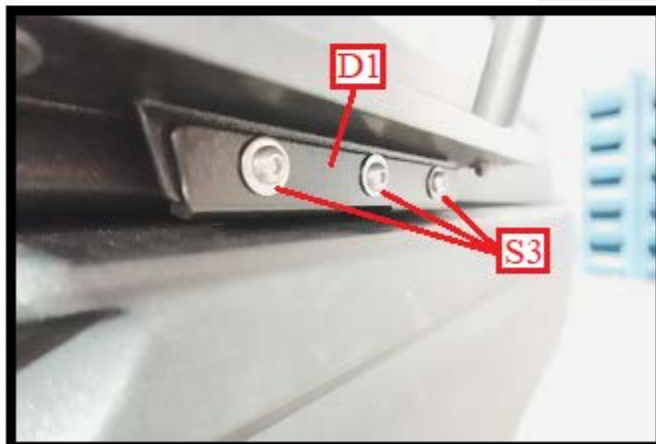
Fig. 30**Fig. 31**

As shown in Fig. 30 and Fig. 31, raise rear door halfway then slide support plate (D) in the direction of the red arrows as much as possible. Hold in place and fully tighten both screws (S2) securing all three parts (A), (B) and (D) together as shown in Fig. 32.

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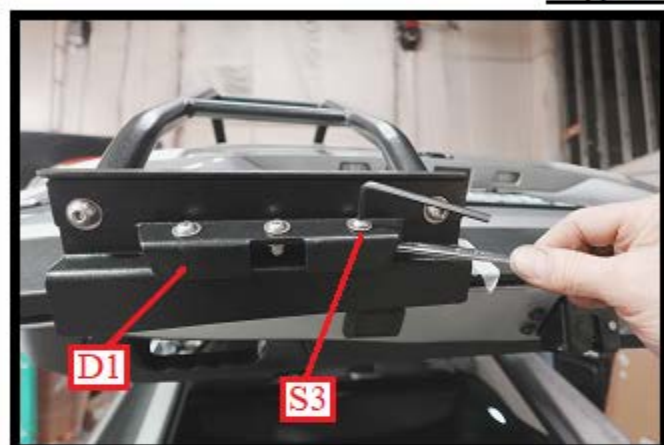
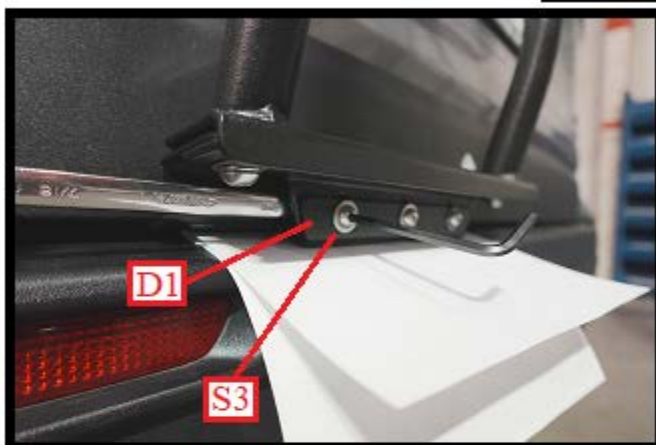
Fig. 32**Fig. 33**

Shown in Fig. 32 is the correct assembly of parts (A), (B) and (D) fully tightened. As shown in Fig. 33 loosen all three screws (S3) using a 5/32" Allen wrench and 7/16" box end wrench. Push up adjustable support plate (D1) in the direction of the red arrows as much as possible. Snug down all three screws as shown in Fig. 34. Do not fully tighten.

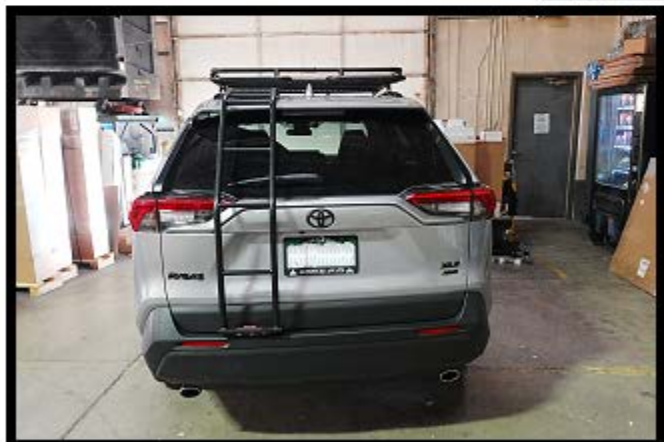
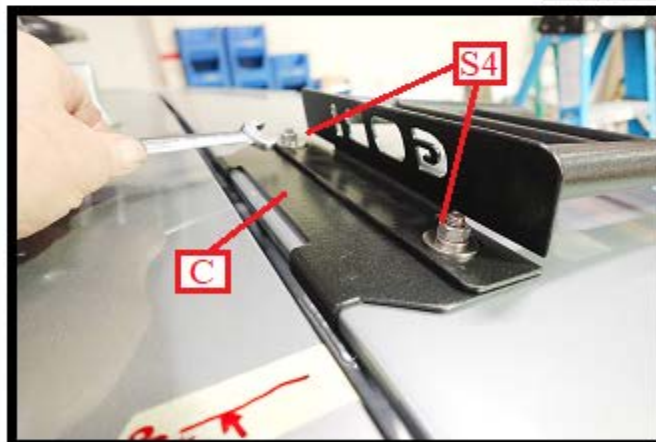
Fig. 34**Fig. 35**

As shown in Fig. 34 and Fig. 35, after all three screws (S3) have been snugged down, fully close the rear door.

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Fig. 36**Fig. 37**

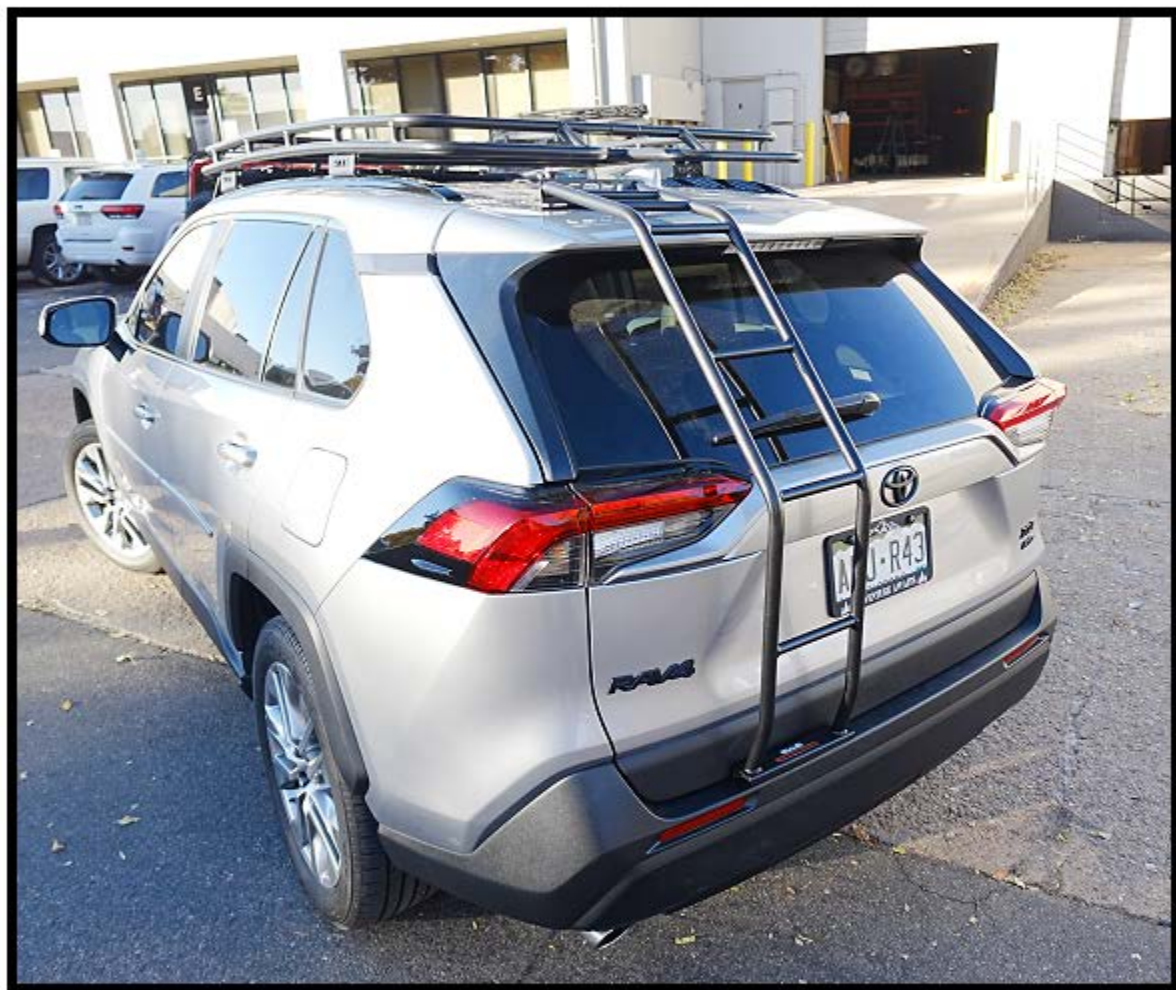
As shown in Fig. 36, take a sheet of paper and fold in half. Slip the folded paper sheet between the rear bumper and adjustable support (D1). Loosen all three screws (S3) and drop adjustable support plate (D1) onto the paper. Do not press down on adjustable plate, allow adjustable plate (D1) to rest evenly on paper. Then snug down the two outside screws (S3) making sure adjustable support (D1) remains flat on paper. Open rear door halfway up as shown in Fig. 37 then fully tighten all 3 screws (S3) using a 5/32" Allen wrench and 7/16" box end wrench, then close the rear door fully.

Fig. 38**Fig. 39**

As shown in Fig. 38, remove two 5/16" flat washers, two 5/16" lock washers and two 5/16" nuts (S4) from Bag #1 and thread them onto hanger plate (C) threaded studs. Tighten down screws (S4) using a 1/2" box end wrench. Do not over tighten. Figure 39, shows the Gobi Rav 4 rear ladder fully installed.

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INSTALLATION INSTRUCTIONS



INSTALLATION COMPLETED