

GOBI TOYOTA RAV 4 (GEN 5) 2019-24 ROOF RACK INSTALLATION INSTRUCTIONS

Guidelines:


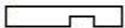
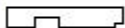
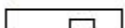
When using Load Carriers and Accessories, the user must understand the precautions. The points listed below will assist you in using the rack /carrier system and will encourage safety.

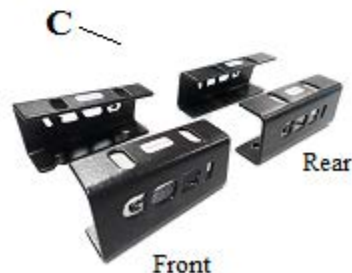
- For quality fits and safety, use only the recommended rack or accessory. Do not assume an accessory will fit, always check with dealer when obtaining new accessories. Use only approved accessories on load carriers. Using other brands will void your warranty.
- Make sure all knobs, bolts, screws, straps,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

CAUTION: USE ANTI-SEIZE LUBRICANT ON ALL SCREWS

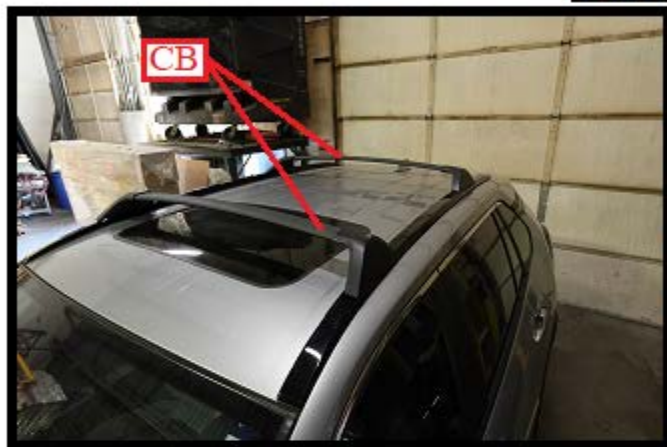
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Included in Kit

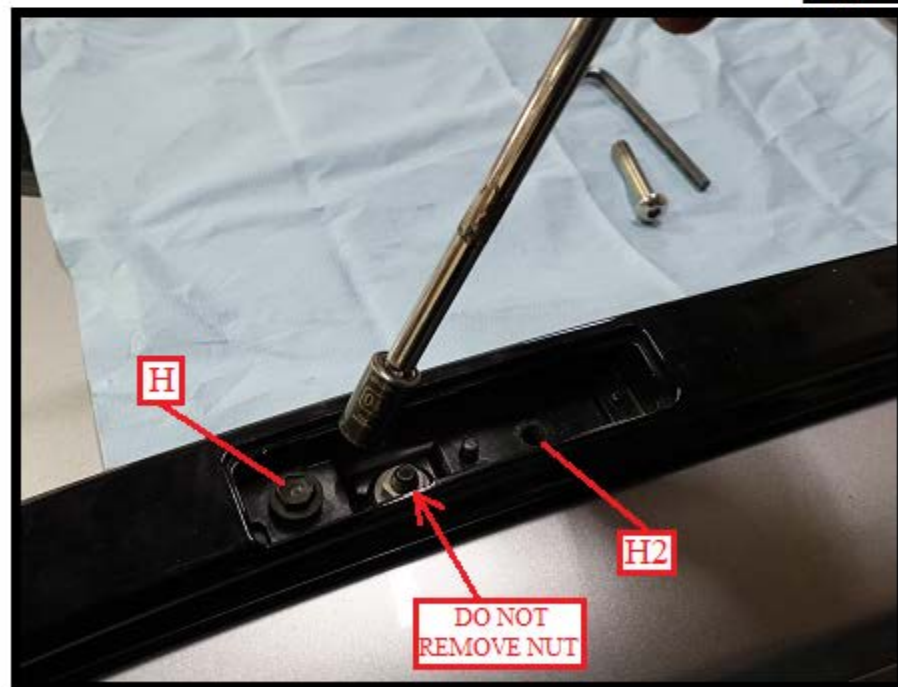
LETTER	DESCRIPTION	LOCATION	QUANTITY
A		Main box	1
B	<p>WIND DEFLECTOR COMPLETE</p> <p><u>CONTENTS:</u></p> <ul style="list-style-type: none"> 1- Wind Deflector aluminum black powder coated (JGC23 WD) 3- Wind deflector mounting brackets 65° 1- Wind deflector clear wear strip packed in roll form (inside Bag #2) 3- 1/4-20 x 3/4" Button head screw SS (inside Bag #2) 6- 1/4" I.D. x 1/2" O.D. black nylon round washer (inside Bag #2) 3- 1/4" Nylock nut SS (inside Bag #2) <p>Wind deflector installation instructions inside Bag #2</p>	Wind deflector complete banded to roof rack including Bag #2	1
C	GOBI RACK FRONT AND REAR SUPPORT BRACKETS	Hardware box	4
D	<p>GOBI RACK MOUNTING HARDWARE</p> <p><u>CONTENTS:</u></p> <ul style="list-style-type: none"> 4- Mounting blocks black powder coated <ul style="list-style-type: none"> 1- Passenger Front  and 1- Passenger rear  1- Driver Front  and 1- Driver rear  4- M8 x 30mm SS Button head screws 4- M6 x 30mm SS Button head screws 12- 5/16" SS Lock washers 4- 1/4" SS Lock washers 4- 5/16" SS Flat thick washer (SW6-87-343) 8- 5/16-18 x 5/8" SS Hex head screws 8- 5/16" SS Flat washers 1- M5 Allen wrench 1- M4 Allen wrench 1- Anti-seize lubricant 	BAG #3 Hardware Box	1
E	<p>GOBI RACK SUPPORT BRACKET HARDWARE</p> <p><u>CONTENTS:</u></p> <ul style="list-style-type: none"> 8- 3/8-16x1" Hex head bolt SS 16- 3/8" Flat washer SS 8- 3/8" Nylock nut SS 4- Black rubber pad 	BAG #4 Hardware Box	1



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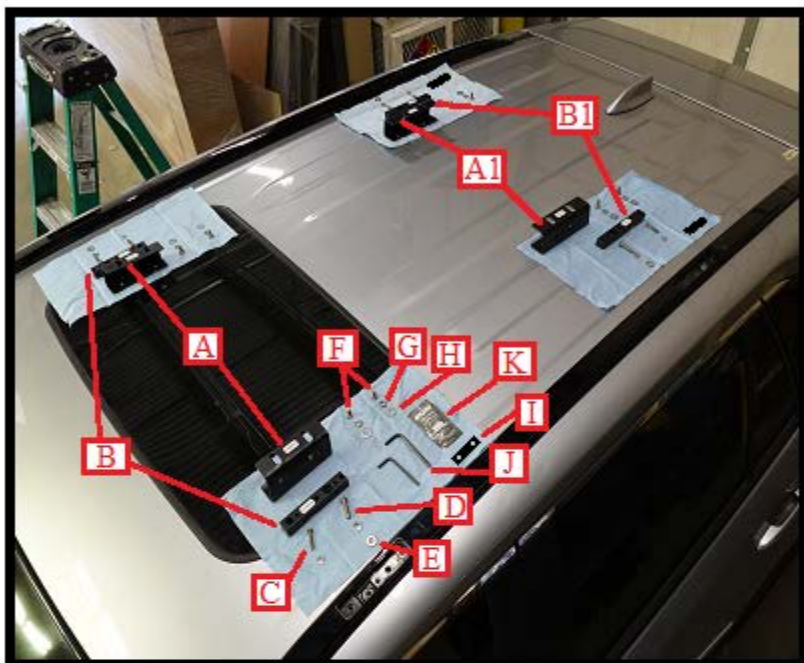
Fig. 1

As shown in Fig. 1, remove all OEM cross bars (CB) or cover plates (not shown) covering the front and rear driver and passenger side front mounting points shown in Fig. 2.

Fig. 2

As shown in Fig. 2, after removing OEM cross bars or cover plates, use a 10mm socket and remove the OEM front 6mm hex head screw (H) and 8mm button head Allen or hex head screw located at the second screw point (H2) if present. **(DO NOT REMOVE THE HEX NUT)**. Place the screws aside as they are no longer needed. Apply the same procedure to the other 3 mounting points.

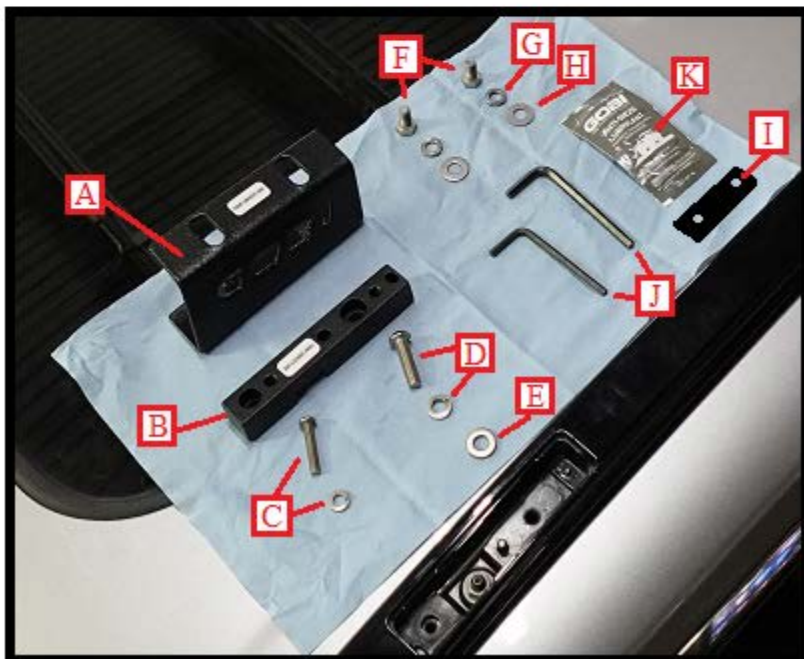
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**Fig. 3**

As shown in Fig. 3, place all mounting hardware and support brackets on roof top:

- A- Mounting support bracket front x 2
- A1- Mounting support bracket rear x 2
- B- Mounting blocks front x 2
- B1- Mounting blocks rear x 2
- C- M6 x 30mm screw/lock washer
- D- M8 x 30mm screw/lock washer
- E- Heavy flat washer
- F- 5/16-18 x 3/4" hex head screw x 8
- G- 5/16" lock washer x 8
- H- 5/16" flat washers x 8
- I- Black rubber pads x 4
- J- Allen wrenches 4mm & 5mm
- K- Anti-seize lubricant.

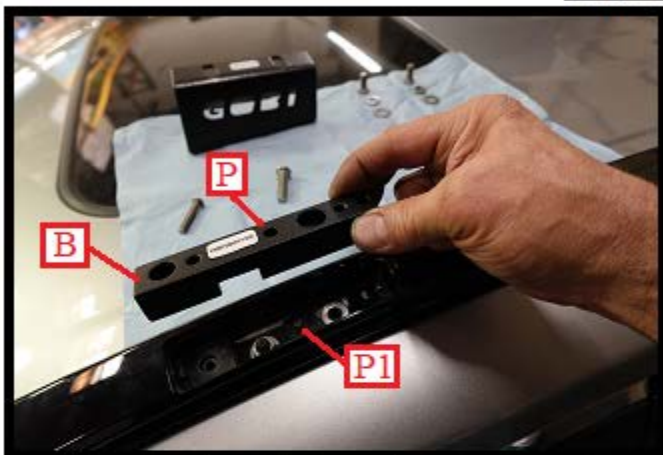
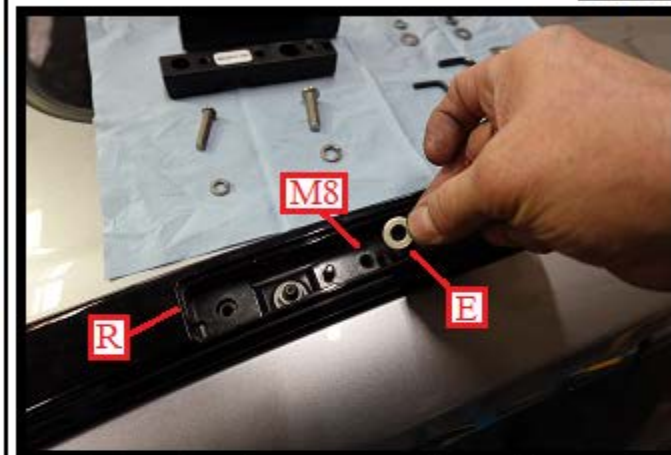
CAUTION: USE ANTI-SEIZE LUBRICANT ON ALL SCREWS

**Fig. 4**

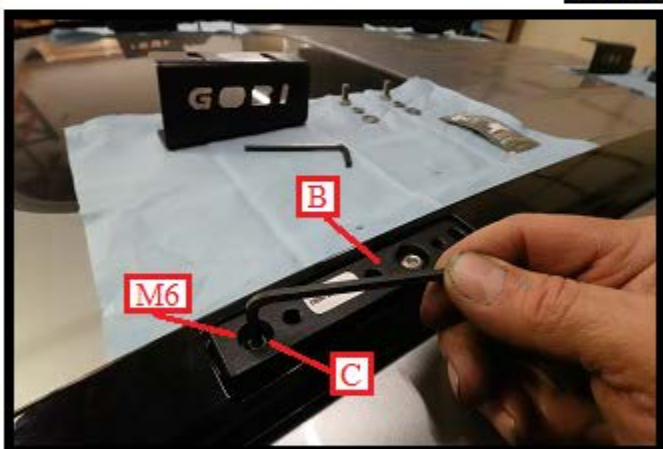
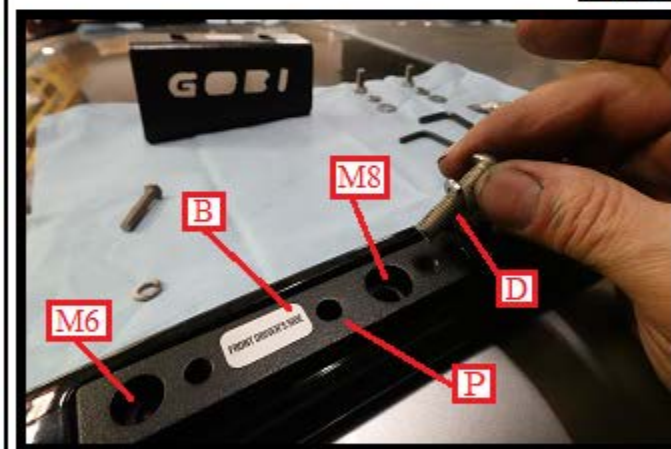
Parts in Fig. 3 are shown in Fig. 4 larger:

- A- Mounting support bracket front x 2
- B- Mounting blocks front x 2
- C- M6 x 30mm screw/lock washer
- D- M8 x 30mm screw/lock washer
- E- Heavy flat washer
- F- 5/16-18 x 3/4" hex head screw x 8
- G- 5/16" lock washer x 8
- H- 5/16" flat washers x 8
- I- Black rubber pads x 4
- J- Allen wrenches 4mm & 5mm
- K- Anti-seize lubricant.

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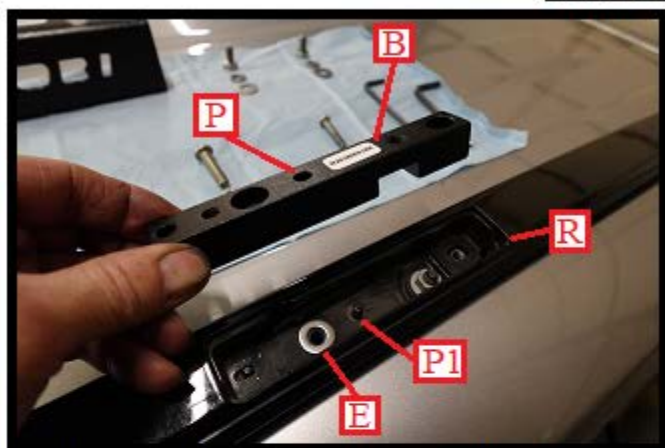
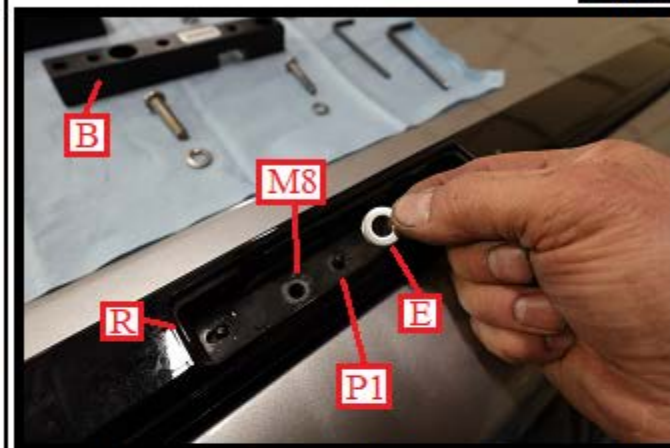
Fig. 5**Fig. 6**

As shown in Fig. 5, front driver side, place heavy flat washer (E) over the M8 mounting hole in the vehicle rail recess (R). Then as shown in Fig. 6 and Fig. 7, place front driver side mounting block (B) over heavy flat washer (E) and align pin hole (P) of mounting block with pin (P1) in vehicle rail mounting recess.

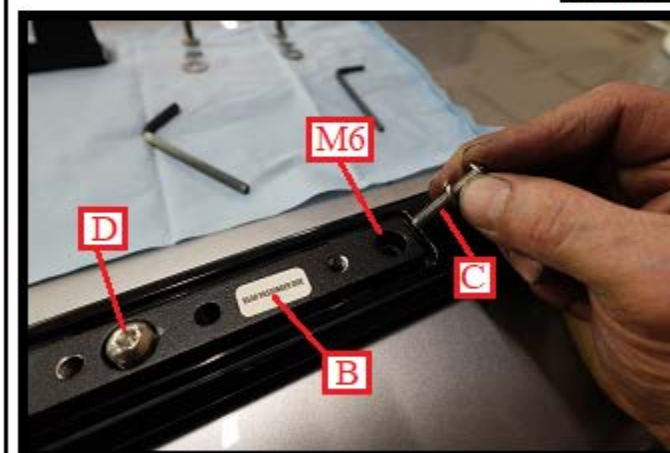
Fig. 7**Fig. 8**

As shown in Fig. 7, thread in one M8 x 30mm button head screw and one 5/16" lock washer (D) (located in Bag #3 of your hardware kit) into the M8 mounting hole, thread in approximately halfway. Then as shown in Fig. 8, thread in one M6 x 30mm button head screws and 1/4" lock washer (C) (located in Bag #3) and thread into the M6 mounting hole. Use the supplied M4 and M5 Allen wrenches and fully tighten both M8 and M6 screws, securing block (B) to vehicle roof top. Apply the same procedure to front passenger side.

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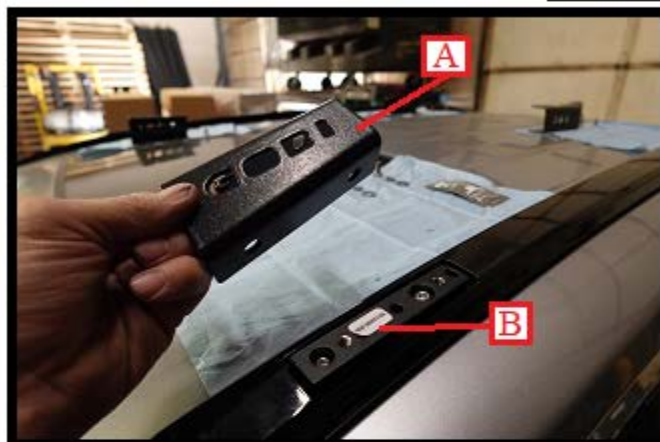
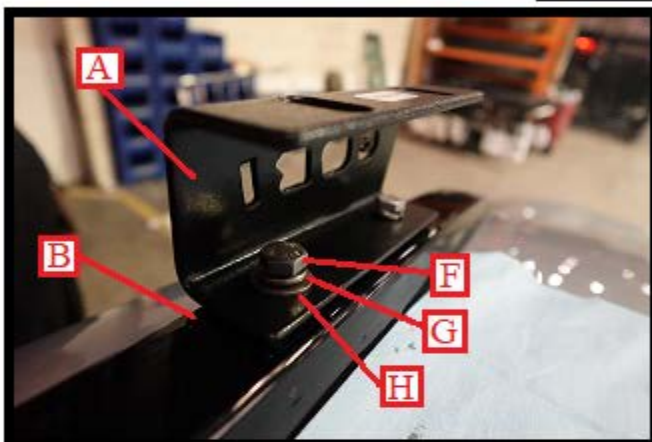
Fig. 9**Fig. 10**

As shown in Fig. 9, of the rear driver side, place heavy flat washer (E) over the M8 mounting hole in the vehicle rail recess (R). Then as shown in Fig. 10 and Fig. 11, place rear driver side mounting block (B) over heavy flat washer (E) and align pin hole (P) of mounting block (B) with pin (P1) shown in Fig. 9 and Fig. 10 in vehicle rail recess.

Fig. 11**Fig. 12**

As shown in Fig. 11, thread in one M8 x 30mm button head screw and one 5/16" lock washer (D) (located in Bag #3 of your hardware kit) into the M8 mounting hole, thread in approximately halfway. Then as shown in Fig. 11, thread in one M6 x 30mm button head screw and 1/4" lock washer (C) (located in Bag #3) and thread into the M6 mounting hole. As shown in Fig. 12, use the supplied M4 and M5 Allen wrenches and fully tighten both M8 and M6 screws, securing block (B) to vehicle roof top. Apply the same procedure to front passenger side.

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Fig. 13**Fig. 14**

As shown in Fig. 13 and Fig. 14, place the front driver side support bracket (A) onto mounting block (B). Use two 5/16-18 x 3/4" hex head screws (F), two 5/16" lock washers (G) and two 5/16" flat washers (H) and secure support bracket (A) to mounting block (B).

Fig. 15

As shown in Fig. 15, fully tighten both hex head screws (F) using a 1/2" open or closed end wrench. Apply the same procedure to the remaining 3 support brackets.

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Fig. 16

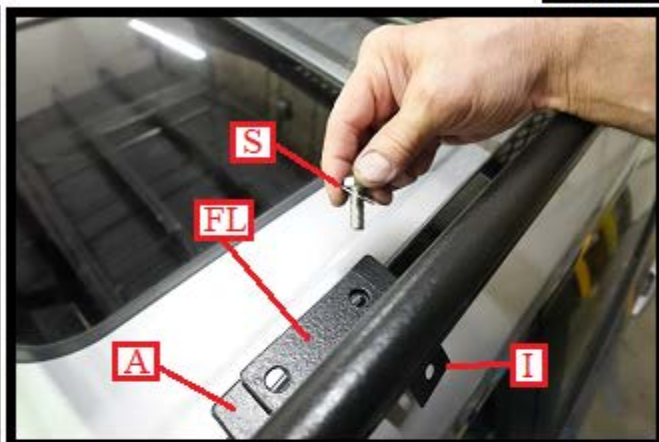
Fig. 16, shows all 4 support brackets (A) and (A1) installed and ready for roof rack installation.



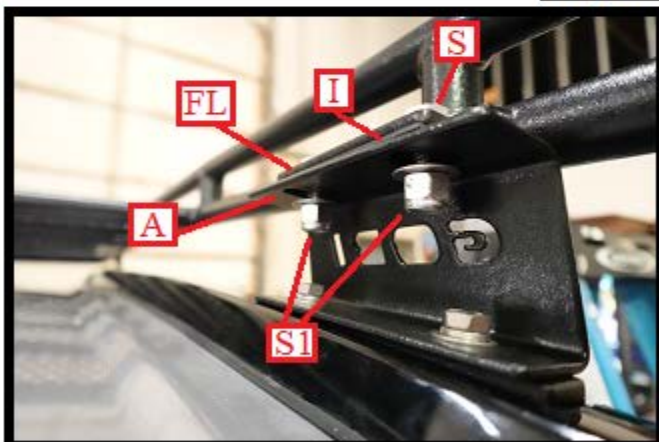
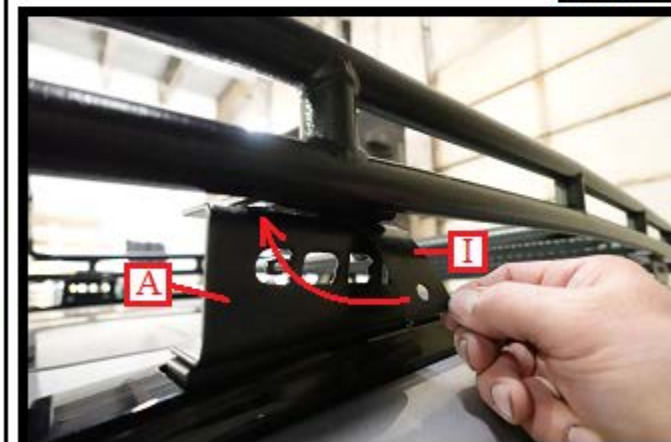
Fig. 17

As shown in Fig. 17, with the help of two friends pick up roof rack and place it on top of support brackets (A) and (A1).

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Fig. 18**Fig. 19**

As shown in Fig. 18 and Fig. 19, place a rubber pad (I) between the roof rack flange (FL) and front driver side support bracket (A). Insert one 3/8-16 x 1" hex head screw and 3/8" flat washers (S) located in your hardware Bag #4, down through flange (FL) then through rubber pad (I) then into support bracket (A).

Fig. 20**Fig. 21**

As shown in Fig. 20 and Fig. 21, swing rubber pad (I) to the second hole in Flange (FL) and support bracket (A). Insert a second 3/8-16 x 1" hex head screw and 3/8" flat washer (S) down through flange (FL), rubber pad (I) then into support bracket (A). As shown in Fig. 21 thread on one 3/8" flat washer and 3/8" nylock nut (S1) to screws (S) and finger tighten. Apply the same procedure to the remaining three support brackets.

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Fig. 22

Fully tighten all eight 3/8-16 x 1" screws and nuts (S) and (S1) as shown in Fig. 21 using two 9/16" open or closed in wrenches.

Fig. 23

To install the wind deflector, refer to the Gobi Toyota Rav 4 wind deflector installation instructions located in Bag #2 tied to wind deflector which is strapped to your roof rack.

GOBI TOYOTA SEQUOIA (GEN 3) 2023 ROOF RACK INSTALLATION INSTRUCTIONS



INSTALLATION COMPLETED