

GOBI TOYOTA SEQUOIA (GEN 3) 2023 ROOF RACK

INSTALLATION INSTRUCTIONS

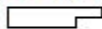

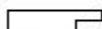

Guidelines:

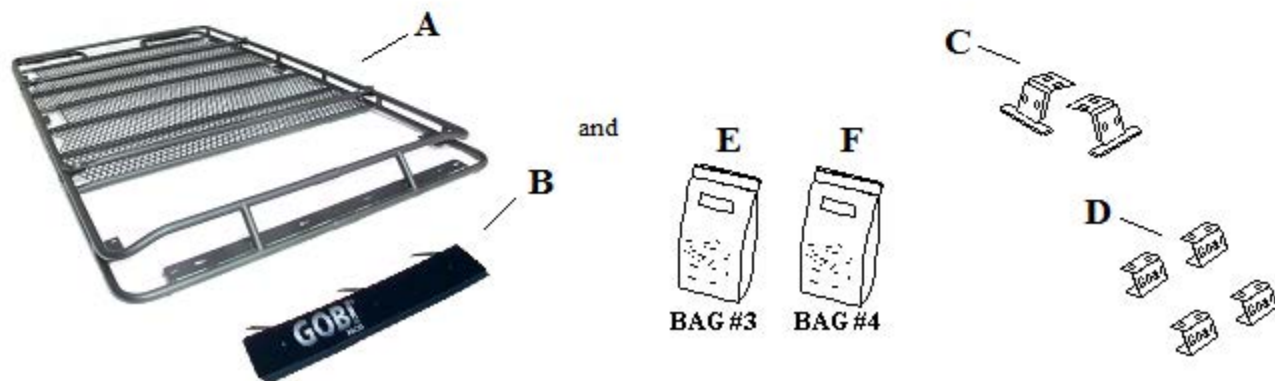
When using Load Carriers and Accessories, the user must understand the precautions. The points listed below will assist you in using the rack /carrier system and will encourage safety.

- 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

GOBI TOYOTA SEQUOIA (GEN 3) 2023 ROOF RACK**INSTALLATION INSTRUCTIONS****Included in Kit**

LETTER	DESCRIPTION	LOCATION	QUANTITY
A	GOBI TOYOTA SEQUOIA GEN 3 ROOF RACK	Main box	1
B	<p>WIND DEFLECTOR COMPLETE</p> <p><u>CONTENTS:</u></p> <p>1- Wind Deflector aluminum black powder coated (strapped to roof rack)</p> <p>3- Wind deflector mounting brackets 70° pre-assembled to wind deflector</p> <p>1- Wind deflector clear wear strip packed in roll form (inside Bag #2)</p> <p>3- 1/4-20 x 3/4" Button head screw SS (inside Bag #2)</p> <p>6- 1/4" I.D. x 1/2" O.D. black nylon round washer (inside Bag #2)</p> <p>3- 1/4" Nylock nut SS (inside Bag #2)</p> <p><u>Wind deflector installation instructions inside Bag #2</u></p>	Wind deflector complete banded to roof rack including Bag #2	1
C	GOBI FRONT ADJUSTABLE SUPPORT BRACKETS DRIVER AND PASSENGER SIDE	Hardware box	1 ea.
D	GOBI RACK MIDDLE AND REAR SUPPORT BRACKETS	Hardware box	4
E	<p>GOBI RACK MOUNTING HARDWARE</p> <p><u>CONTENTS:</u></p> <p>4- Mounting blocks black powder coated</p> <p>1- Passenger Front  and 1- Passenger rear </p> <p>1- Driver Front  and 1- Driver rear </p> <p>4- M8 x 30mm SS Button head screws</p> <p>4- 5/16" SS Flat thick washer (SW6-87-343)</p> <p>8- 5/16-18 x 5/8" SS Hex head screws</p> <p>8- 5/16" SS Flat washers</p> <p>12- 5/16" SS Lock washers</p> <p>1- M5 Allen wrench</p> <p>1- Anti-seize lubricant</p>	BAG #3 Hardware Box	1
F	<p>GOBI RACK SUPPORT BRACKET HARDWARE</p> <p><u>CONTENTS:</u></p> <p>12- 3/8-16x1" Hex head bolt SS</p> <p>24- 3/8" Flat washer SS</p> <p>12- 3/8" Nylock nut SS</p> <p>6- Black rubber pad</p>	BAG #4 Hardware Box	1

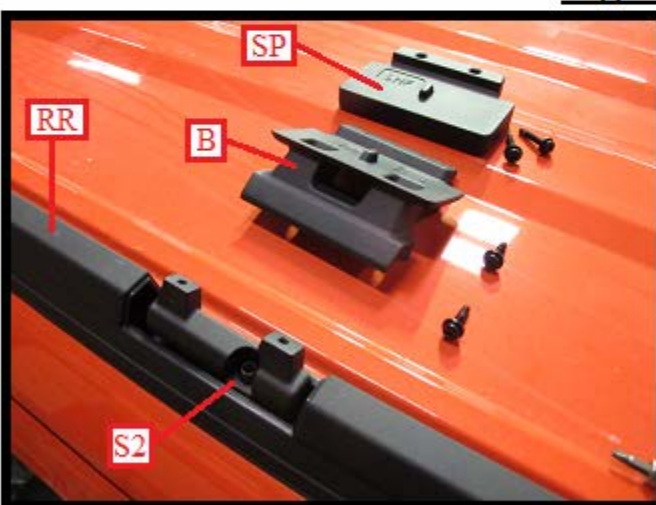


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INSTALLATION INSTRUCTIONS

Fig. 1**Fig. 2****Fig. 3**

As shown in Fig. 1, the OEM roof rack (R) will need to be removed. *If you do not have an OEM roof rack on your vehicle, skip to Fig. 5 and remove the roof rail mounting cover (MC), not shown from two locations on each rail (RR) passenger and driver.* Use a T-30 Torx wrench and remove both screws (S1) shown in Fig. 2 from all four corners of the roof rack. Once the screws have been removed lift roof rack off support brackets (B) carefully to not let spacer plates (SP) shown in Fig. 3 fall onto your vehicle causing damage. After the rack has been removed place spacer plates (SP) in a safe place for later packing.

Fig. 4**Fig. 5**

As shown in Fig. 4, remove roof rack support (B) using a T-30 Torx wrench, then as shown in Fig. 4 and 5, remove support bracket screw (S2) using a T-40 Torx wrench. Apply the same procedure to the remaining three support brackets. Once all brackets have been removed package all parts with roof rack as they will no longer be needed.

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**Fig. 6**

As shown in Fig. 6, place all support bracket hardware on a towel or the like onto roof top next to each mounting point.

- B- Mounting bracket x 4
- C- Spacer plate front driver x 1
- D- Spacer plate front pass x 1
- E- Spacer plate rear driver x 1
- F- Spacer plate rear pass x 1
- G- M8x30 button head screw x 4
- H- 5/16" thick washer x 4
- I- 5/16-18 x 3/4" hex head x 8
- J- 5/16" lock washer x 12
- K- 5/16" flat washer x 8

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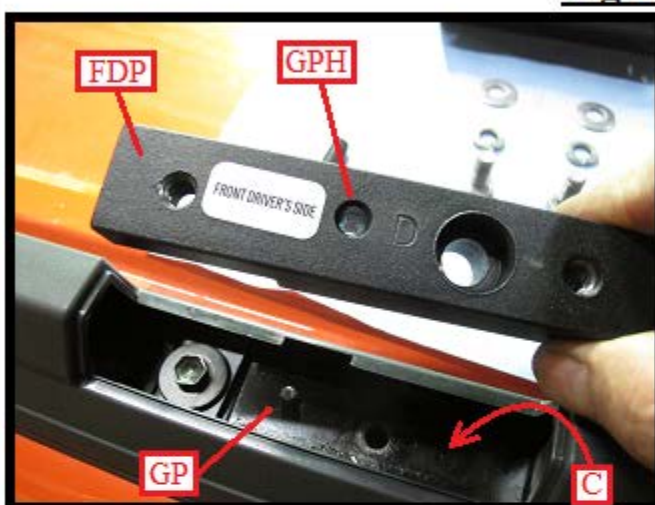
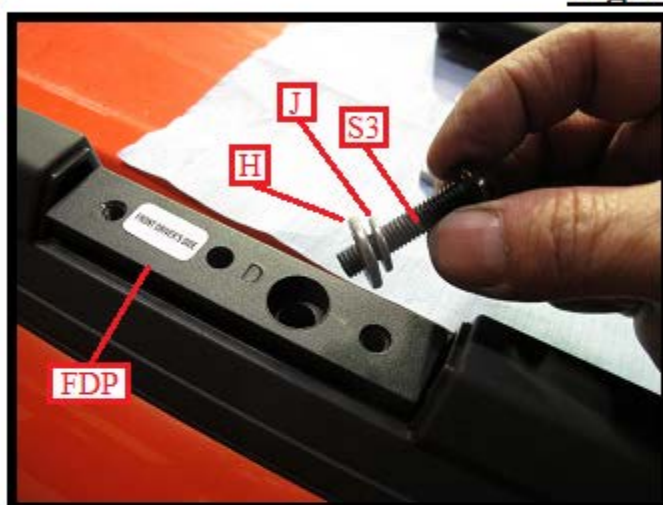
**Fig. 7**

All parts shown larger in Fig. 7.

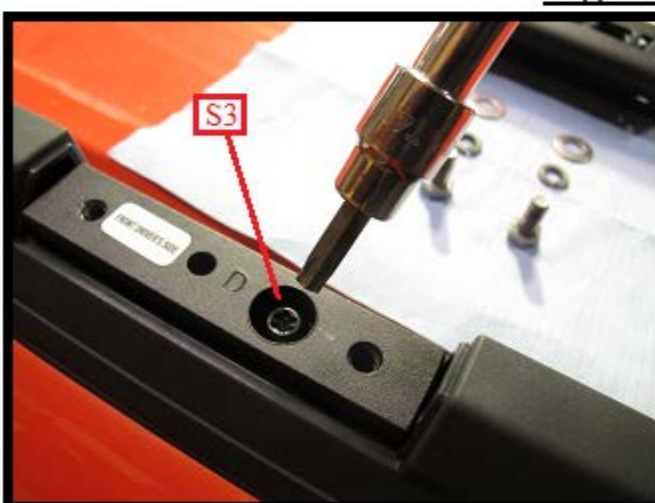
- B- Mounting bracket x 4
- C- Spacer plate front driver x 1
- D- Spacer plate front pass x 1
- E- Spacer plate rear driver x 1
- F- Spacer plate rear pass x 1
- G- M8x30 button head screw x 4
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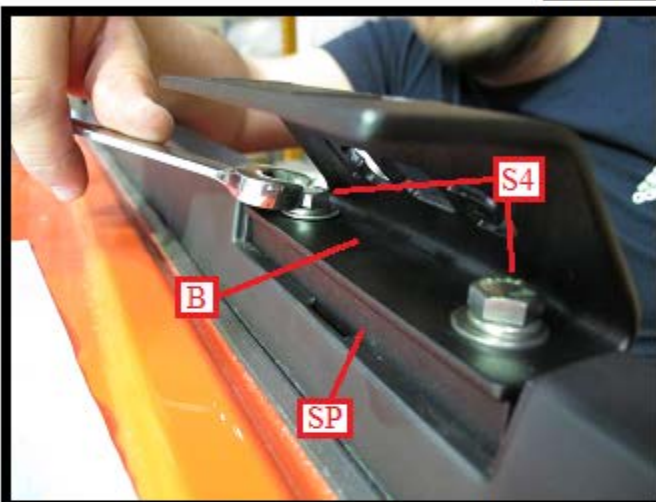
Fig. 8**Fig. 9**

As shown in Fig. 8 and Fig. 9, remove the front driver side spacer plate (FDP) and set inside the front driver side mounting cavity (C). Spacer plate (FDP) can only be installed in one direction due to a guide pin (GP) shown in Fig. 8 and guide pin hole (GPH) in spacer plate. Then either remove from your hardware kit located in Bag #3, one M8 x 30mm button head screw (S3), one 5/16" thick flat washer (H) and one 5/16" lock washers (J) and thread down into mounting hole as shown in Fig. 10. Or you can also use the same M8 screw (S2) shown in Fig. 4 and Fig. 5 from your OEM roof rack hardware if you choose.

Fig. 10**Fig. 11**

As shown in Fig. 10, fully tighten screw (S3) in place. As shown in Fig. 11, remove support plate (B) from your hardware kit and place it over spacer plate (SP) as shown.

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Fig. 12**Fig. 13**

As shown in Fig. 12, thread two 5/16-18 x 3/4" hex head screws, two 5/16" lock washers and two 5/16" flat washers (S4) through support plate (B) and into spacer plate (SP). Then fully tighten both hex head screws (S4) using a 1/2" box end wrench. As shown in Fig. 13, remove the driver side rear spacer plate (DRP) from your hardware kit and set into mounting cavity (C) in the same manner as shown in Fig. 8 and Fig. 9. Spacer plates can only be installed in one direction due to the guide pin as explained in Fig. 8 and Fig. 9.

Fig. 14**Fig. 15**

As shown in Fig. 14, remove one M8 x 30mm button head screw (S3), one 5/16" thick flat washer (H) and one 5/16" lock washers (J) and thread down into mounting hole as shown in Fig. 14. Or you can also use the same M8 screw (S2) shown in Fig. 4 and Fig. 5 from your OEM roof rack hardware if you choose. Fully tighten screw (S3) in place. As shown in Fig. 15, place support bracket (B) over spacer plate (SP) then thread two screws (S4) as previously installed in Fig. 12. Push the support bracket in towards the vehicle as shown in Fig. 15 by a finger pushing inwards. While pushing inwards, fully tighten screws (S4) securing support bracket (B) in place. Apply the same procedure to the passenger side support brackets.

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**Fig. 16**

Shown in Fig. 16 are 4 fully installed support brackets (B) ready to accept roof rack.

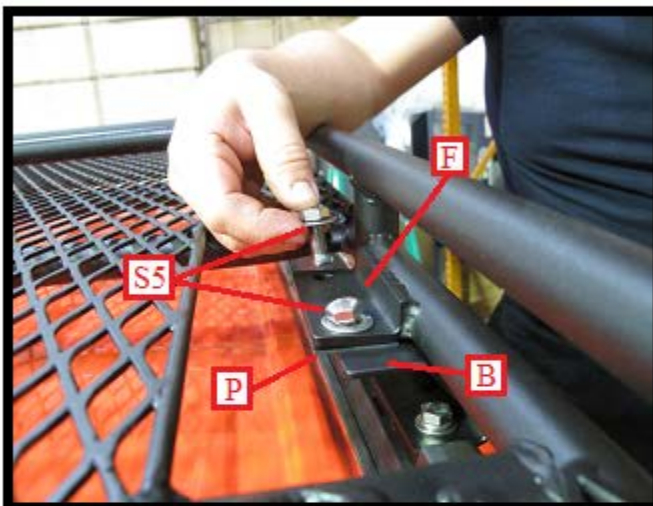
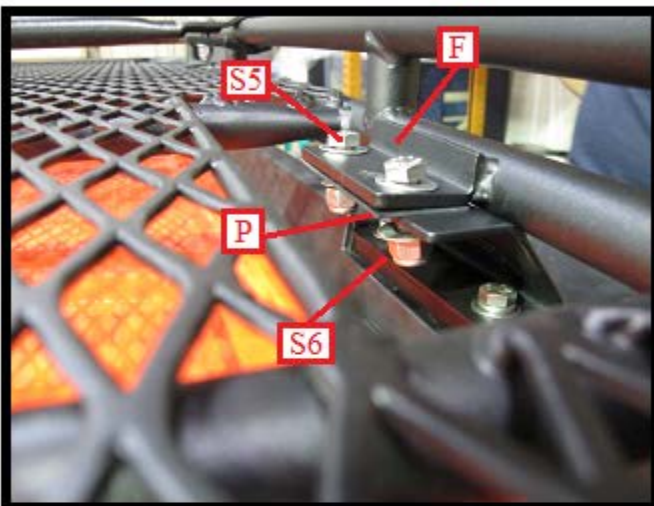
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**Fig. 17**

As shown in Fig. 17, with the help of two or more friends, lift roof rack over vehicle and place onto all four roof rack support brackets (B).

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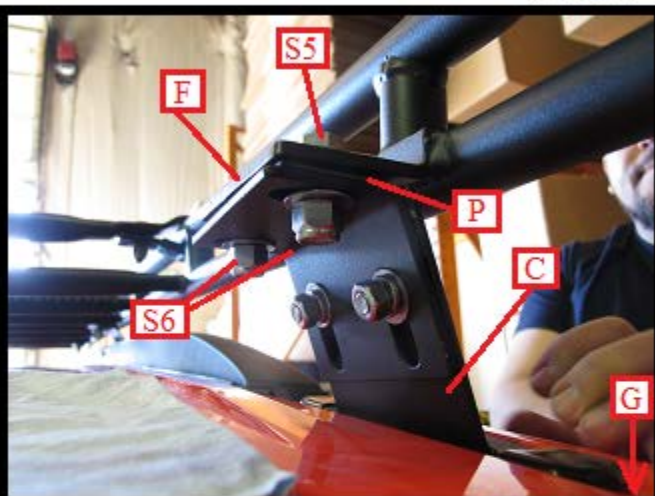
Fig. 18**Fig. 19**

As shown in Fig. 18, remove one rubber pad (P) from Bag #4 of your hardware kit and slip in between the roof rack welded in flange (F) and support bracket (B). Also remove from Bag #4, two 3/8-16 x 1" hex head screws and two 3/8" flat washers (S5). Push them down through welded in flange (F), rubber pad (P) and support bracket (B). As shown in Fig. 19, thread from the underside two 3/8" flat washers and two 3/8" nylock nuts (S6) and finger tighten in place. Apply the same procedure to the remaining 3 support brackets (B).

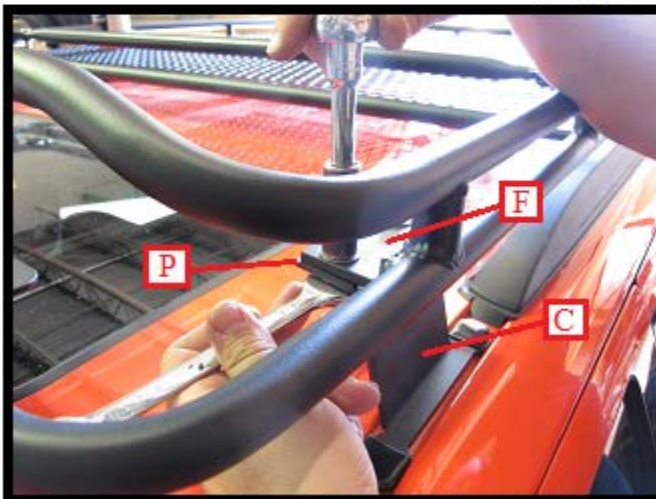
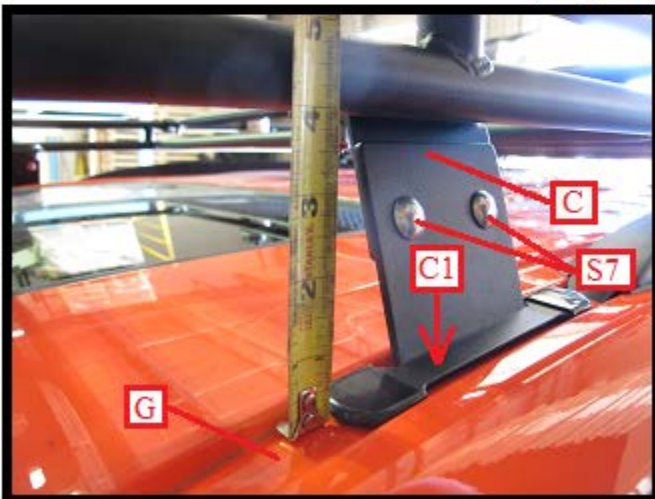
Fig. 20

As shown in Fig. 20, remove the passenger and driver side front adjustable support brackets (C) and place them over a towel or the like onto the roof top next to the front roof rack welded in flanges (F). Also remove one rubber pad (P) from Bag #4 and place them with brackets (C).

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Fig. 21**Fig. 22**

As shown in Fig. 21, 22 and 23, place support bracket (C) into the front roof top gutter (G) and align under the front roof rack welded in flange (F). Place rubber pad (P) between welded in flange (F) and support bracket (C) and align holes. Remove from Bag #4 of your hardware kit, two 3/8-16 x 1" hex head screws and two 3/8" flat washers (S5), then push screws down through welded in flange (F), rubber pad (P) and then through support bracket (C). Thread on from the underside two 3/8" flat washers and two 3/8" nylock nuts (S6) and snug down using a 9/16" ratchet and box end wrench. Do not fully tighten, leave some play for adjustment. Apply the same procedure to the opposite side.

Fig. 23**Fig. 24**

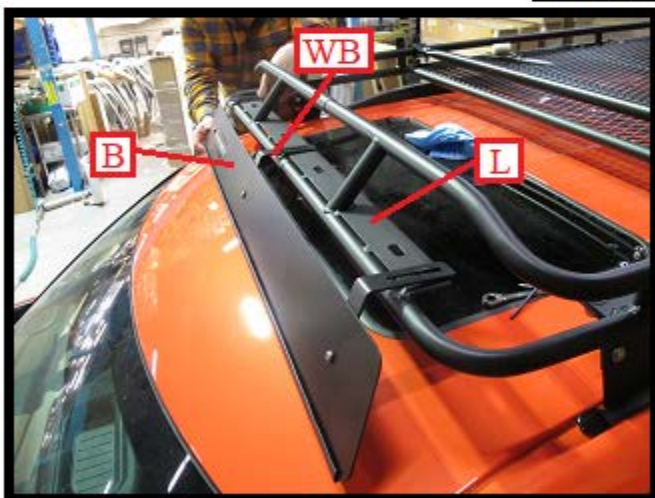
As shown in Fig. 22 and 23, once both support brackets (C) are in place and seated into roof top gutter (G), fully tighten screws (S5) and (S6) using a 9/16" ratchet and box end wrench. As shown in Fig. 24, adjust the front of the rack up to 4" while holding down support bracket foot (C1). Screws (S7) may have to be loosened to set adjustment. You may need the help of a friend. Once the adjustment is made fully tighten screws (S7) using a 1/2" box end wrench and apply the same procedure to the opposite side. Then fully tighten all remaining roof rack support bracket screws (S5) & (S6) shown in Fig. 18 and 19 using a 9/16" ratchet and box end wrench.

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**Fig. 25**

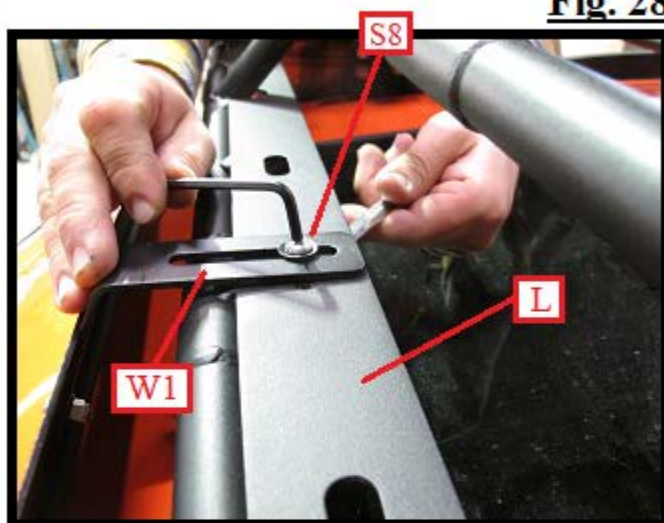
As shown in Fig. 25, roof rack is now fully tightened in place and ready for wind deflector installation.

Fig. 26**Fig. 27**

As shown in Fig. 26, use denatured alcohol and clean the roof top surface from the driver to passenger side. As shown in Fig. 27, remove your pre-assembled wind deflector (B) and place it on the roof rack light bar (L). Center wind deflector support bracket (WB) to the center slot in the roof rack light bar.

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Fig. 28

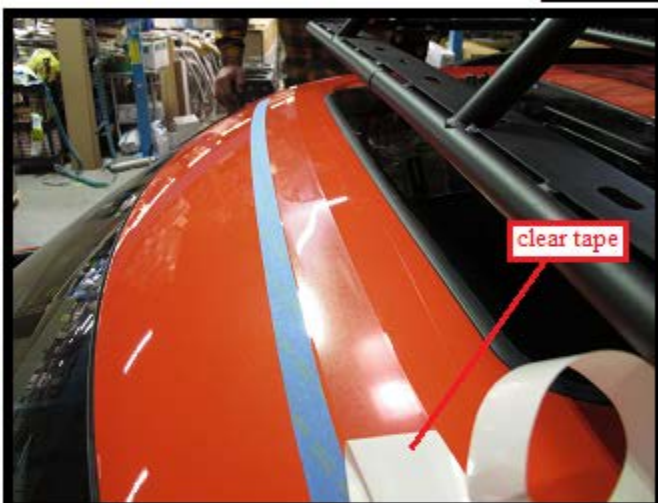
As shown in Fig. 28, remove from hardware Bag #1 which is taped to the wind deflector. One 1/4-20 x 3/4" button head screw, two 1/4" flat black plastic washers and one 1/4" nylock nut (S8) and secure the center wind deflector bracket (W1) to the light bar mounting plate (L). Use the 5/32" Allen wrench supplied in your hardware kit and a 7/16" box end wrench to tighten down.

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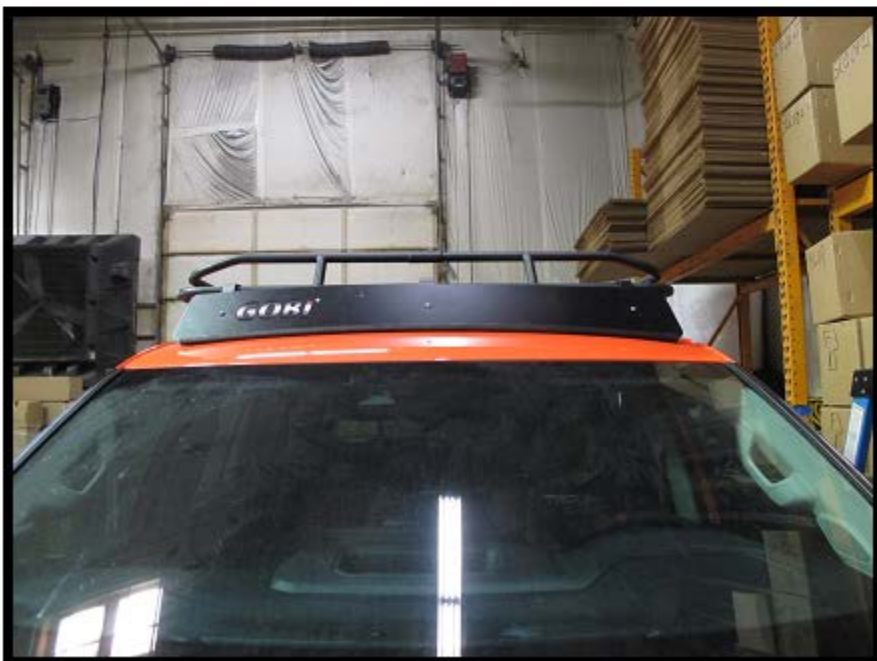
Fig. 29

As shown in Fig. 29, bow the passenger side wind deflector ends towards the roof rack as shown by a red arrow. You will notice that the support bracket (W2) is at a slight angle, this is normal. Secure in place with one 1/4-20 x 3/4" button head screw, two 1/4" flat black plastic washers and one 1/4" nylock nut (S8). Push wind deflector in towards the roof rack shown by the red arrow and also support bracket (W2) as shown by a red arrow while tightening down. Apply the same procedure to the opposite side.

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Fig. 30**Fig. 31**

As shown in Fig. 30, after the wind deflector has been set in place, apply a strip of masking tape 1" below the wind deflector as shown. As shown in Fig. 31, remove from your hardware kit a white roll of clear wear tape. Peel off the protective cover and apply it to the roof top directly in line and above the masking tape. Press down with the palm of your hand or a squeegee tool and cut the ends of the tape approximately 1" past each end of the wind deflector after re-installation.

Fig. 32

As shown in Fig. 32, re-install the wind deflector as previously installed in Figures 28 and 29.

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GOBI TOYOTA SEQUOIA GEN 3 ROOF RACK INSTALLATION COMPLETED

Max suggested cargo load limit for on Highway and off-road driving: 300 lbs.

Max suggested load limit for static or nonmoving loads typically roof top tents and occupants for roof top rail mounting: 800 LBS.