

GOBI TOYOTA TUNDRA 3RD GEN 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.

PAY CLOSE ATTENTION TO ALL TEXT IN RED

CAUTION
USE ANTI-SEIZE LUBRICANT
ON ALL SCREWS

GOBI TOYOTA TUNDRA 3RD GEN ROOF RACK INSTALLATION INSTRUCTIONS

Included in kit

| LETTER | DESCRIPTION | LOCATION | QUANTITY |
|----------|---|--|--|
| A | GOBI TOYOTA TUNDRA 3RD GEN ROOF RACK | Main box | 1 |
| B | WIND DEFLECTOR COMPLETE <u>CONTENTS:</u> 3- Wind deflector mounting brackets 65° 6- 1/4-20 x 3/4" Button head screws SS (inside Bag #2) 12- 1/4" Black nylon round washers (inside Bag #2) 6- 1/4" Nylock nut SS (inside Bag #2) 1- Wind deflector clear wear strip packed in roll form (inside Bag #2) | Wind deflector complete banded to roof rack including Bag #2 | 1 |
| C | GOBI FRONT PASSENGER AND DRIVER SIDE SUPPORT BRACKETS | Hardware box | 1 ea. |
| D | GOBI REAR SUPPORT BRACKETS | Hardware box | 2 |
| E | MOUNTING BRACKET HARDWARE <u>CONTENTS:</u> 8- 5/16-18 x 3/4" SS hex head screw 1- 5/32" Allen wrench 8- 5/16" SS lock washer 1- 1/8"x1"x4" Adjustment tool (P) 12- 5/16" SS flat washer 4- Safety plates  4- 5/16-18 x 1-1/4" SS set screw 12- 5/16-18 x 3/4" SS button head screw 4- Clear protective tape 2" x 5" 8- 5/16" SS thick washers 1- Packet of Anti-Seize lubricant 8- 5/16 SS nylock jam nuts 1- 3/16" Allen wrench | BAG #3 Hardware Box | 1 |
| F | MOUNTING BRACKET COVER PLATES  | Hardware box | 4 |
| G | FRONT CLAMPS / REAR CLAMPS & ROOF TOP BASE PLATES  | BAG #4 Hardware Box | 4- Base plate 2- Front clamp 2- Rear clamp |
| H | GOBI RACK TO SUPPORT BRACKET HARDWARE <u>CONTENTS:</u> 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 #5 Hardware Box | 1 |


B
E
G
H

BAG #3

BAG #4

BAG #5

C


P

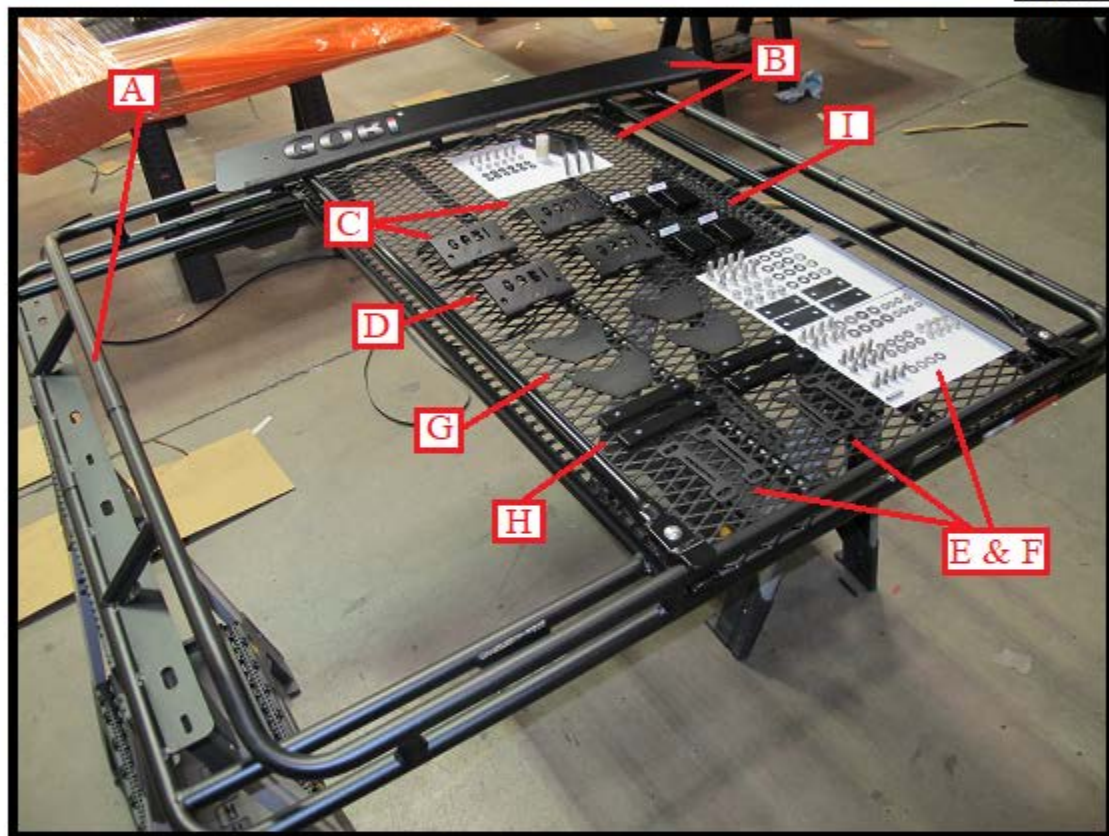
D

R

R

APPLY ANTI-SEIZE LUBRICANT TO ALL SCREWS PRIOR TO INSTALLATION

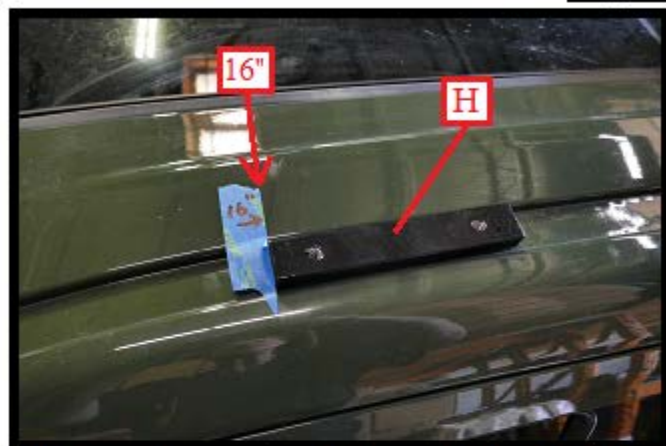
GOBI TOYOTA TUNDRA 3RD GEN ROOF RACK INSTALLATION INSTRUCTIONS

Fig. 1

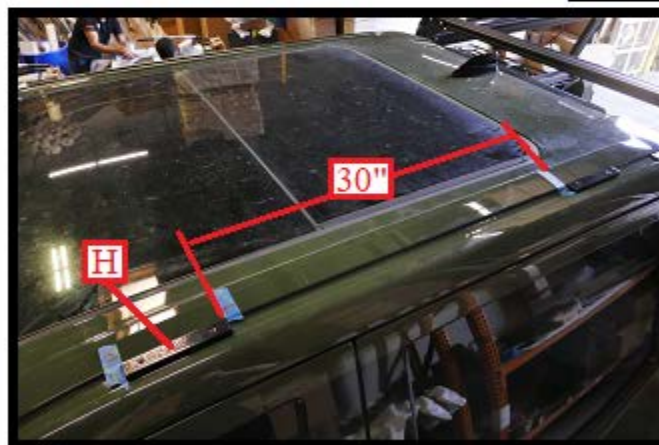
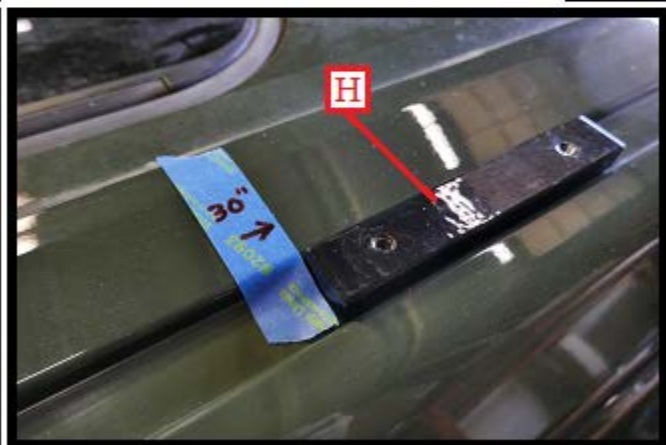
As shown in Fig. 1, place the Gobi Toyota Tundra roof rack on a set of sawhorses or flat surface. Spread out all the parts on the rack to make certain all the parts are present.

- A) Roof rack
- B) Wind deflector and hardware
- C) Passenger and Driver front support brackets
- D) Rear support brackets
- E & F) All mounting hardware & safety plates
- G) Cover plates
- H) Base plates
- I) Clamp plates

GOBI TOYOTA TUNDRA 3RD GEN ROOF RACK INSTALLATION INSTRUCTIONS

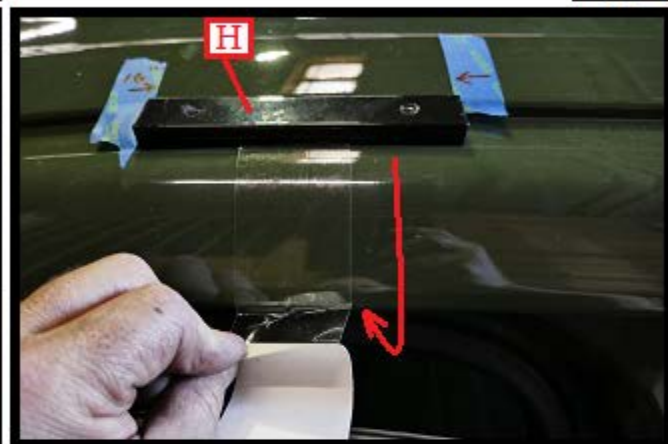
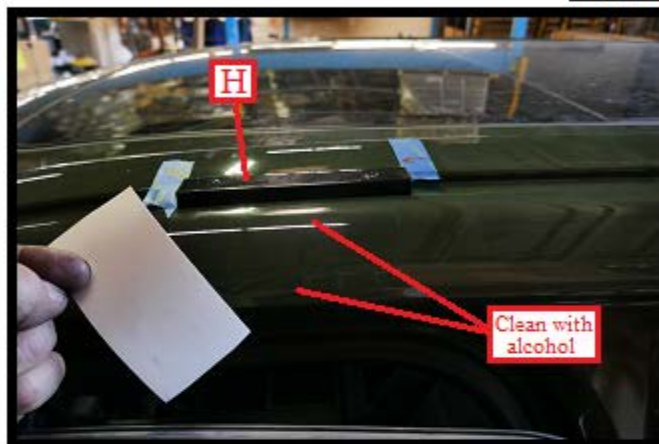
Fig. 2**Fig. 3**

As shown in Fig. 2 and Fig. 3, measure 16" from the top of the windshield glass back along the roof top gutter. Place a piece of masking tape as a marker as shown in Fig. 3. Remove one base plate (H) from your hardware kit and set in place inside the gutter and even with the masking tape marker.

Fig. 4**Fig. 5**

As shown in Fig. 4, measure from the back of the first base plate (H) along the roof top gutter 30" and place a piece of masking tape as a marker. As shown in Fig. 5 add a second base plate (H) against the masking tape marker. Apply the same procedure to the passenger side.

GOBI TOYOTA TUNDRA 3RD GEN ROOF RACK INSTALLATION INSTRUCTIONS

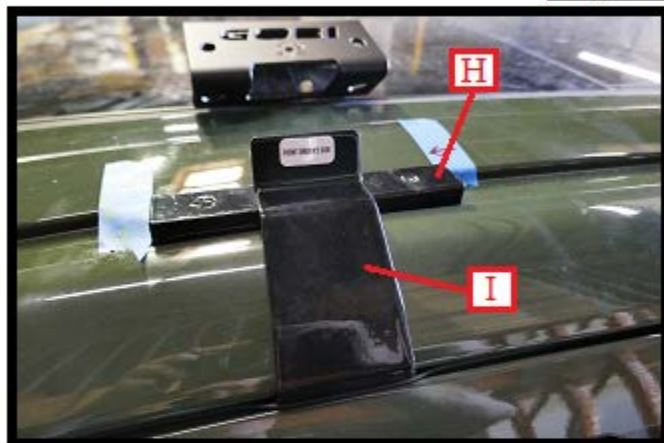
Fig. 6**Fig. 7**

As shown in Fig. 6, remove one piece of 2" x 5" clear protective tape from Bag #3. Clean the area shown by red arrows with alcohol to remove all dirt and debris. As shown in Fig. 7, remove the white protective cover from the clear tape and apply the tape directly on to the vehicle at the center of base plate (H) down and into the door jamb as shown by a red arrow.

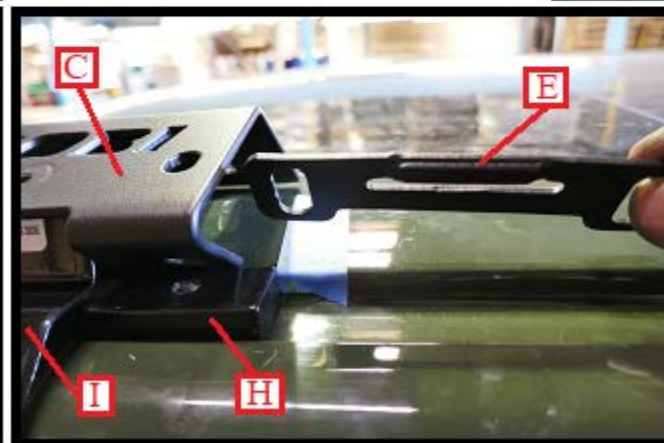
Fig. 8**Fig. 9**

As shown in Fig. 8, remove the front driver side roof rack support (C) from your hardware kit. Gently place support (C) on the roof top just behind base plate (H) as shown in Fig. 9. Remove the front driver side clamp (I) as shown in Fig. 9.

GOBI TOYOTA TUNDRA 3RD GEN ROOF RACK INSTALLATION INSTRUCTIONS

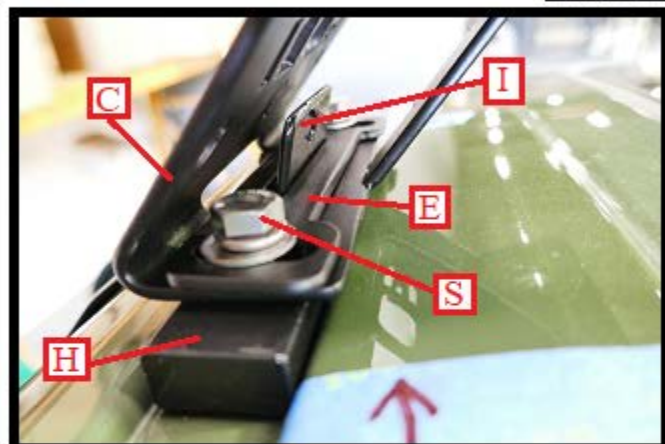
Fig. 10**Fig. 11**

As shown in Fig. 10, place clamp plate (I) onto the top center of base plate (H) and under the door jamb. While holding clamp (I) in place as shown in Fig. 10, close the door fully to hold clamp plate (I) in place as shown in Fig. 11.

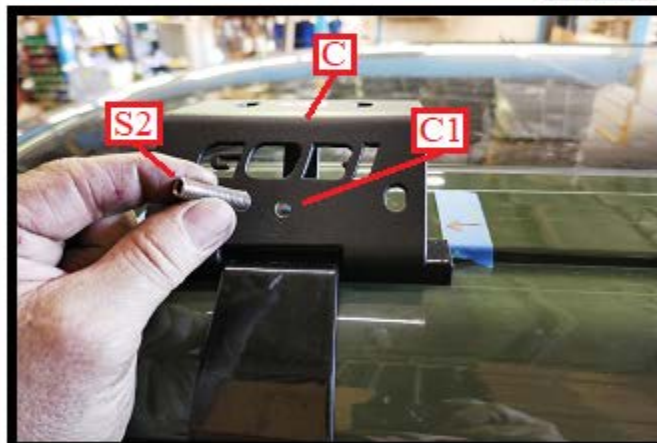
Fig. 12**Fig. 13**

As shown in Fig. 12, take the driver side front support bracket (C) and set onto base plate (H) and over clamp plate (I). Remove safety plate (E) from your hardware kit and orient the safety plate (E) with the raised edge down in the direction shown in Fig.13.

GOBI TOYOTA TUNDRA 3RD GEN ROOF RACK INSTALLATION INSTRUCTIONS

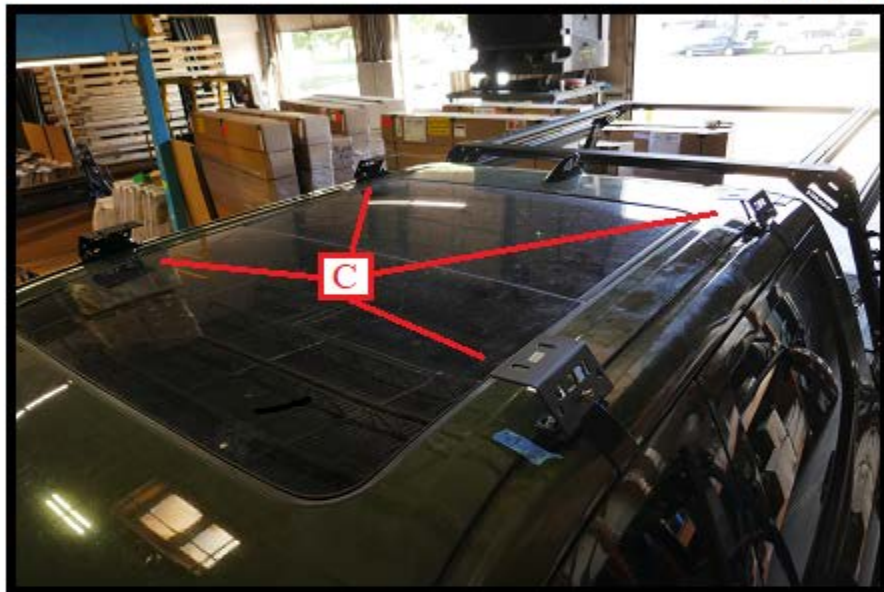
Fig. 14**Fig. 15**

As shown in Fig. 14, place safety plate (E) over clamp plate (I) and onto the inside of support bracket (C). As shown in Fig. 15, remove from Bag #3, two 5/16 x 3/4" hex head screws, two 5/16" lock washers and two 5/16" flat washers (S) and secure safety plate (E), support bracket (C) and clamp plate (I) to base plate (H). Finger tighten screws only as adjustments will need to be made later.

Fig. 16**Fig. 17**

As shown in Fig. 16, remove one 5/16-18 x 1-1/4" set screw (S2) from Bag #3 and thread into the front threaded hole (C1) using the supplied 5/32" Allen wrench. Thread screw in until you have approximately 1/2" above the face of support bracket (C) as shown in Fig. 17. Apply the same procedure as shown in Figures 6 through 17 to the front passenger side support bracket then both rear support brackets.

GOBI TOYOTA TUNDRA 3RD GEN ROOF RACK INSTALLATION INSTRUCTIONS

Fig. 18

As shown in Fig. 18, all support brackets (C) have been installed to the roof top and ready to have the roof rack mounted in place.

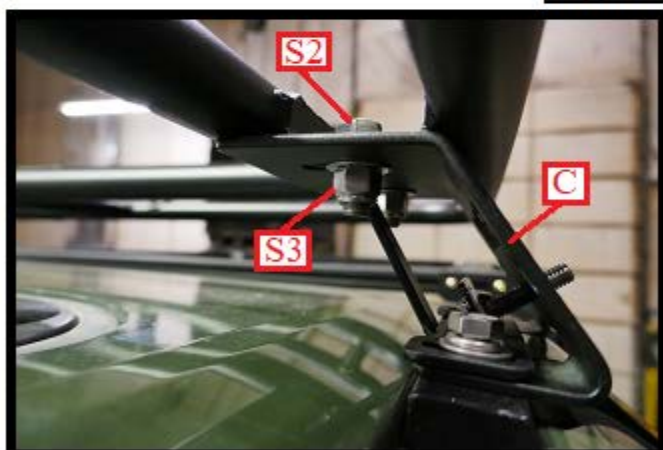
Fig. 19

As shown in Fig. 19, with the help of some friends, lift the roof rack (A) carefully onto the four roof rack support brackets (C) previously installed. Center the four roof rack welded in flanges (F) shown in Fig. 21 with each of the four roof rack support brackets (C).

GOBI TOYOTA TUNDRA 3RD GEN ROOF RACK INSTALLATION INSTRUCTIONS

Fig. 20**Fig. 21**

As shown in Fig. 20, remove one rubber pad (R) and slide it between the roof rack (A) and support bracket (C) and align one hole of rubber pad (R) with one hole of welded in flange (F) and support bracket (C). As shown in Fig. 21, take one 3/8-16 x 1" hex head screw and one 3/8" flat washer (S2) and insert into flange (F) then into support bracket (C). Swing rubber pad to the second hole and as shown in Fig. 21 add a second screw (S2).

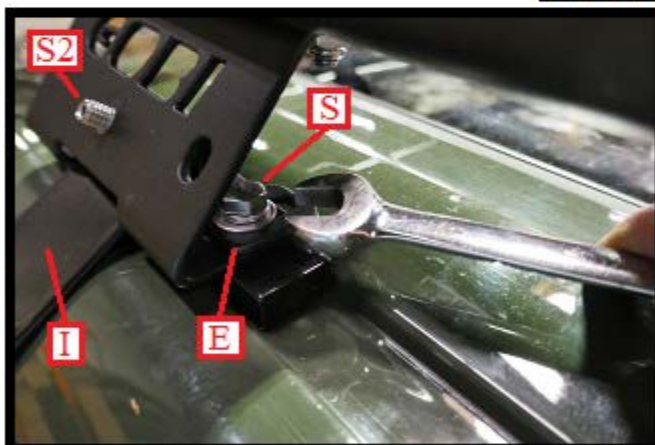
Fig. 22**Fig. 23**

As shown in Fig. 22, place one 3/8" flat washer and one 3/8" nylock nut (S3) to the ends of both screws (S2) previously installed in Fig. 21. As shown in Fig. 23, fully tighten both screws (S2) using two 9/16" closed or open end wrenches. Apply the same procedure to the remaining three support brackets (C).

GOBI TOYOTA TUNDRA 3RD GEN ROOF RACK INSTALLATION INSTRUCTIONS

Fig. 24**Fig. 25**

As shown in Fig. 24, with screws (S) still finger tightened "only", thread screw (S2) in to approximately 5/16" above the face of support plate (C). As shown in Fig. 25, use the supplied aluminum adjustment tool (P) and push safety plate (E) in so that it is in full contact with clamp plate (I).

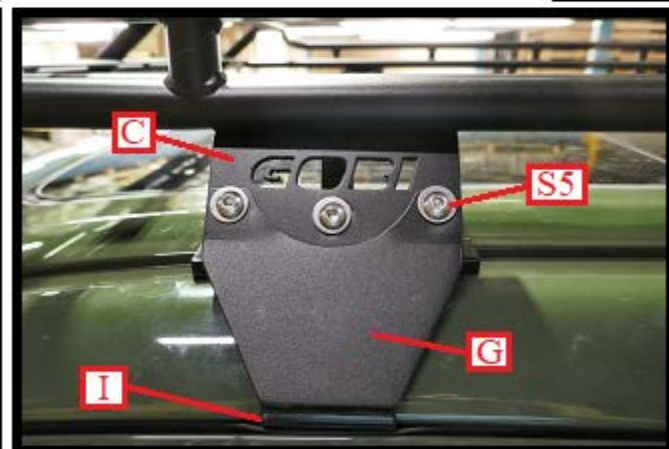
Fig. 26**Fig. 27**

As shown in Fig. 26, after safety plate (E) is in full contact with clamp plate (I) fully tighten both screws (S) using a 1/2" open end wrench. As shown in Fig. 27, remove set screw (S2) shown in Fig. 26 using the supplied 5/32" Allen wrench located in Bag #3. Replace screw (S) with one 5/16-18 x 1" button head screw and 5/16" flat washer (S4) located in Bag #3. Fully tighten screw (S4) using the supplied 5/32" Allen wrench as shown in Fig. 28. Apply the same procedure to the passenger front support bracket (C) then both rear support brackets (C).

GOBI TOYOTA TUNDRA 3RD GEN ROOF RACK INSTALLATION INSTRUCTIONS

Fig. 28**Fig. 29**

After all support brackets (C) have been fully adjusted and tightened as explained in Figures 26 through 28. Remove one cover plate (G) which has a slight bend at the top and labeled "front" as shown in Fig. 29, Fig. 30 and Fig. 31. Both front cover plates passenger and driver have a slight bend, both rear cover plates do not have a bend.

Fig. 30**Fig. 31**

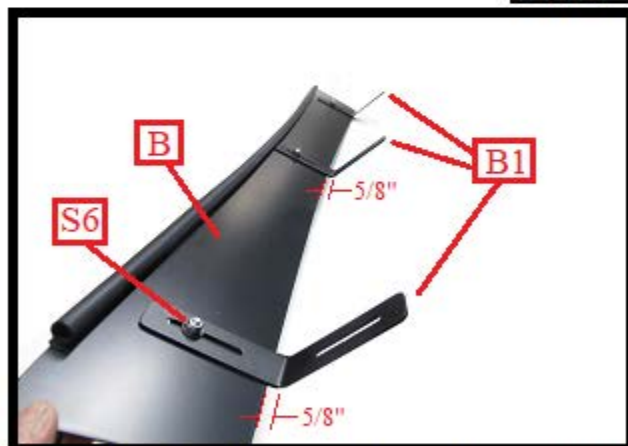
As shown in Fig. 30, align cover plate (G) to the two open holes (H2) in the face of support bracket (C) shown in Fig. 29. Use two 5/16-18 x 5/8" button head screws, two 5/16" thick flat washers and two 5/16" nylock jam nuts (S5) (*jam nuts are thinner*) located in Bag #3 of your hardware kit to secure cover plate to support bracket (C). Align the bottom of cover plate (G) with clamp plate (I) as shown in Fig. 31 then fully tighten screws and nuts in place using the 5/32" supplied Allen wrench and a 1/2" open end wrench.

GOBI TOYOTA TUNDRA 3RD GEN ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 32**

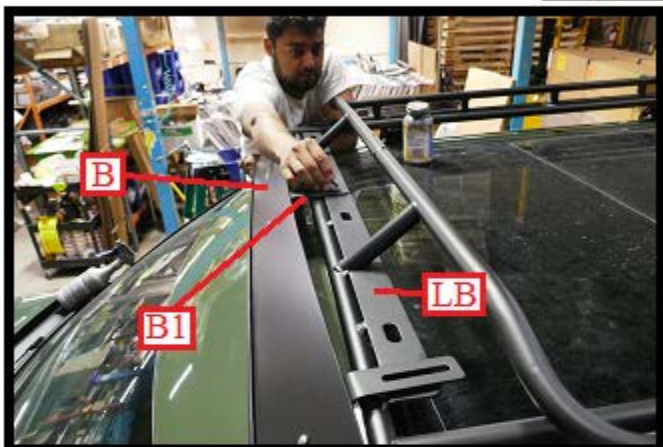
As shown in Fig. 32, roof rack (A) is fully installed and ready for wind deflector installation.

WIND DEFLECTOR INSTALLATION

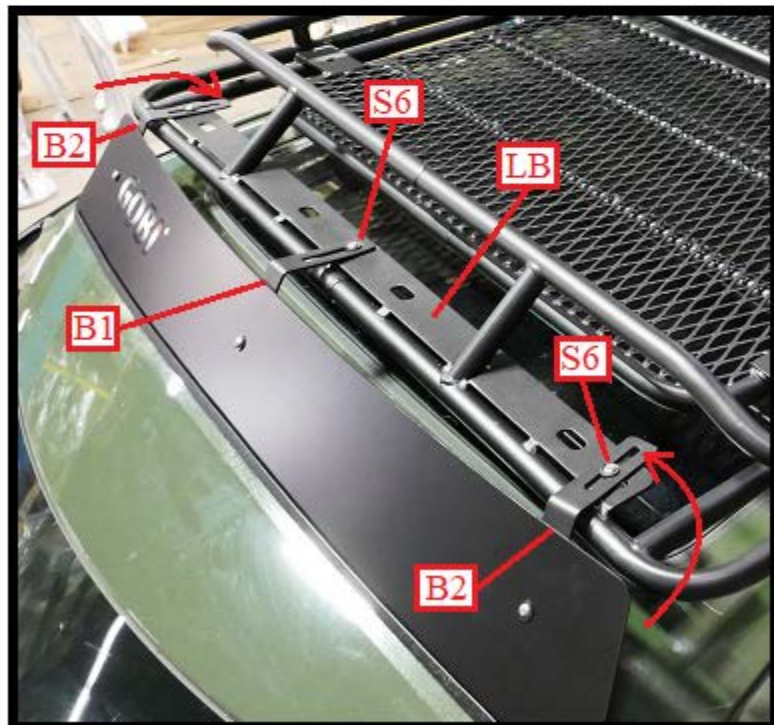
Fig. 33**Fig. 34**

As shown in Fig. 33, use denatured alcohol to clean the surface of the roof top between the top of the windshield glass and roof rack. As shown in Fig. 34, remove wind deflector (B) tied to your roof rack along with three wind deflector brackets (B1), three 1/4-20 x 3/4" button head screws, six black nylon flat washers and three 1/4" nylock nuts (S6) from Bag #2 tied to the wind deflector. Position each bracket (B1) as shown in Fig. 34 and Fig. 35, approximately 5/8" above the top of the wind deflector. Secure each bracket (B1) in place with screws, washers and nuts (S6) using a 5/32" Allen wrench and 7/16" open or closed end wrench.

GOBI TOYOTA TUNDRA 3RD GEN ROOF RACK INSTALLATION INSTRUCTIONS

Fig. 35**Fig. 36**

As shown in Fig. 35, support bracket (B1) must be approximately 5/8" from the top of the wind deflector (B) and secured in place. As shown in Fig. 36, place complete wind deflector (B) center bracket (B1) on to the roof rack light bar (LB) center slot.

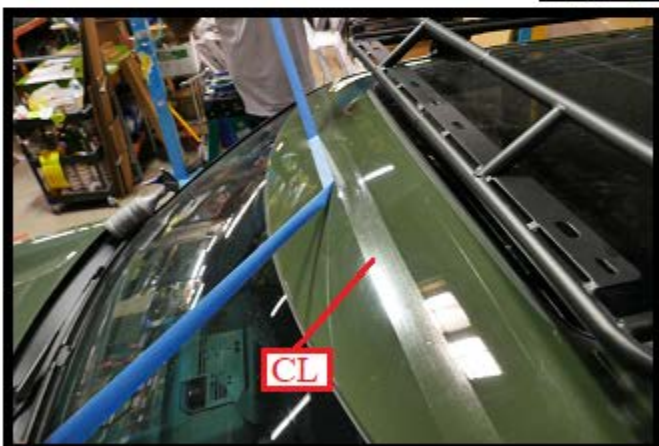
**Fig. 37**

As shown in Fig. 37, set the center support bracket (B1) on the center light bar slot of light bar (LB) and use one 1/4-20 x 3/4" button head screw, two black nylon washers and one 1/4" nylock nut (S6) and finger tighten in place. Line up the back of the bracket (B1) even with the light bar (LB) and tighten in place using a 5/32" Allen wrench and 7/16" open or closed end wrench. Position each end bracket (B2) on the end slots of light bar (LB) and swing each end bracket (B2) in towards the center of the wind deflector shown by a red arrow slightly bowing wind deflector and secure in place using screws (S6). Fully tighten down screws (S6) using the 5/32" Allen wrench and 7/16" open or closed end wrench.

GOBI TOYOTA TUNDRA 3RD GEN ROOF RACK INSTALLATION INSTRUCTIONS

Fig. 38**Fig. 39**

As shown in Fig. 38, place a strip of masking tape (T) 1/2" below the wind deflector directly onto the roof top, then remove the entire wind deflector (B). As shown in Fig. 39, remove a roll of white backed clear tape (CL) from Bag #2 of your wind deflector hardware kit. Peel back the white protective film and adhere the clear tape along the top edge of the masking tape. Use the palm of your hand to evenly press the clear tape onto the roof top.

Fig. 40**Fig. 41**

As shown in Fig. 40, after the clear tape (CL) has been adhered to roof top, remove the masking tape. Re-install the Gobi wind deflector (B) as shown in Fig. 37.

GOBI TOYOTA TUNDRA 3RD GEN ROOF RACK INSTALLATION INSTRUCTIONS



INSTALLATION COMPLETED