

GOBI FORD F-150 13TH GEN CREW CAB 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 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. 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 FORD F-150 13TH GEN CREW CAB ROOF RACK

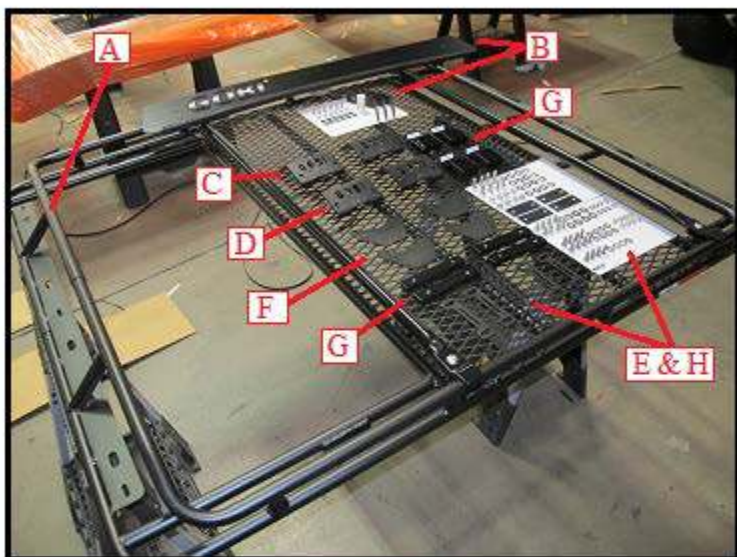
INSTALLATION INSTRUCTIONS

Included in kit

LETTER	DESCRIPTION	LOCATION	QUANTITY
A	FORD F-150/13GEN CREW CAB ROOF RACK	Main box	1
B	WIND DEFLECTOR COMPLETE <u>CONTENTS:</u> 1- Wind deflector aluminum black powder coated (strapped to roof rack) 1- Wind deflector center mounting bracket (B1) 70° 2- Wind deflector outer mounting brackets (B2) 70° 3- Wind deflector mounting brackets (B3) 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 8- 5/16" SS lock washer 12- 5/16" SS flat washer 4- 5/16-18 x 1-1/4" SS set screw 12- 5/16-18 x 3/4" SS button head screw 8- 5/16" SS thick washers 1- 3/16" Allen wrench 1- 5/32" Allen wrench 1- 1/8"x1"x4" Adjustment tool (P) 4- Safety plates 1- Packet of Anti-Seize lubricant	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

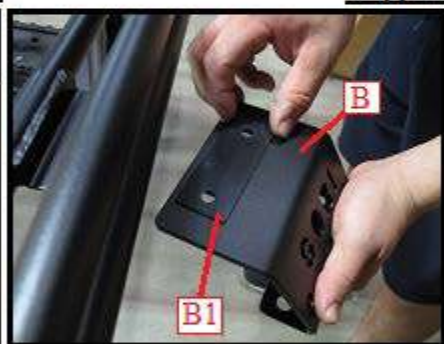
**APPLY ANTI-SEIZE LUBRICANT TO ALL SCREWS PRIOR TO INSTALLATION**

GOBI FORD F-150 13TH GEN CREW CAB ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 1**

Place the Gobi F-150 13th Gen roof rack on a set of horses or the like as shown. Spread out all the parts on the rack to make certain all the parts are present.

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

Fig. 2**Fig. 3****Fig. 4**

Start with the driver side front roof rack mounting plate (A1) as shown in Fig. 2. Select the driver side front mounting bracket (B) with attached sticker indicating (Front driver side). Place a rubber gasket (B1) located in Bag #5 on top of mounting bracket (B) as shown in Fig. 4.

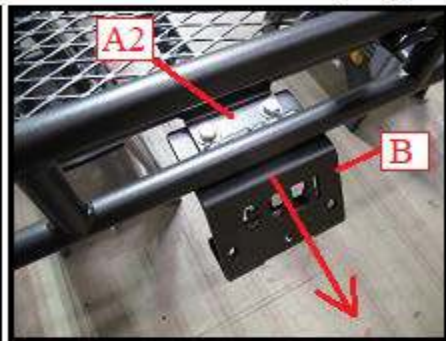
Fig. 5

Thread down into each hole of mounting plate (A1) and through rubber pad then bracket (B) 1-3/8-16 x 1" hex head screw and 1-3/8" flat washer (S) located in Bag #5 as shown.

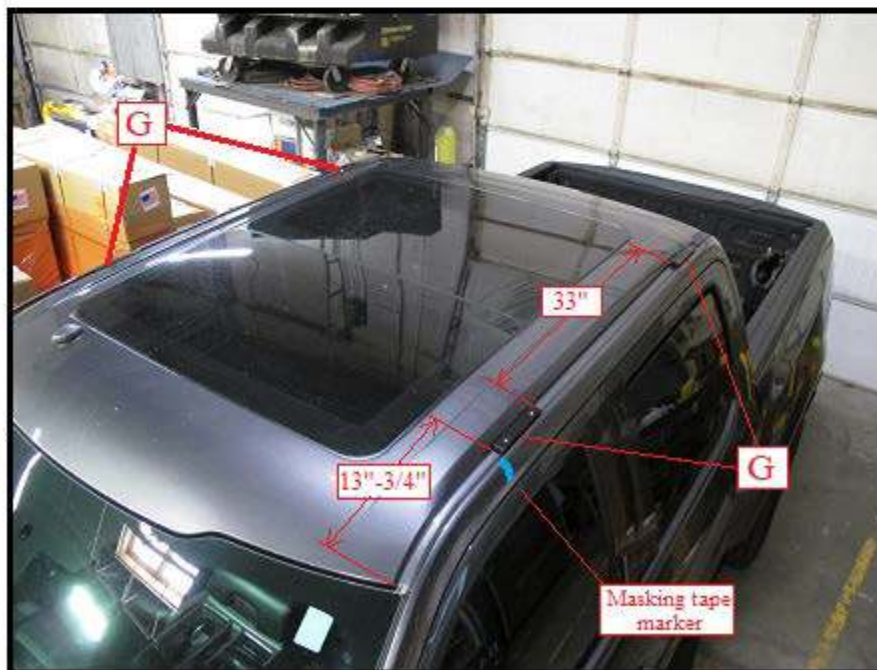
Fig. 6

Thread on to the bottom of both screws (S) 1-3/8" flat washer and 1-3/8" nylock nut. Pull bracket (B) out in direction of red arrow and snug down, using a 9/16" ratchet and box end wrench. Leave some play for later adjustment.

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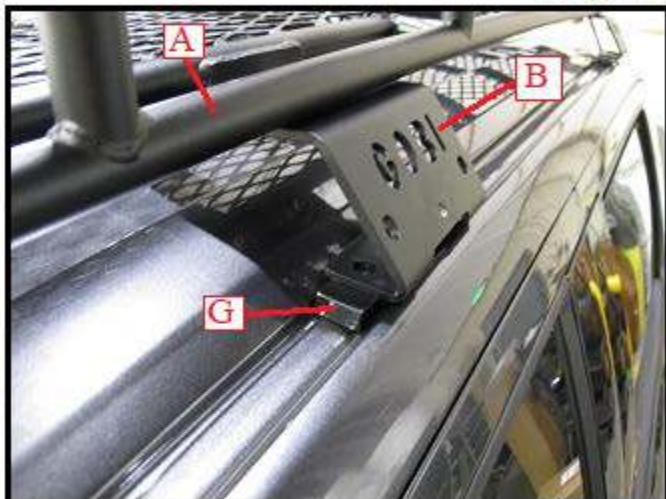
Fig. 7**Fig. 8****Fig. 9**

Install the rear driver side support bracket (B) indicated by a sticker shown in Fig. 7 and Fig. 8 in the same manner as the front driver side support bracket previously installed in Fig. 2 thru Fig. 6. Use 1- black rubber pad (B1) and 2- 3/8-16 x 1" hex head screws, washers and nuts (S) located in Bag #5 and snug down in place using a 9/16" ratchet and box end wrench. Leave some play for later adjustment. Apply the same procedure to the passenger side front and rear support brackets (B).

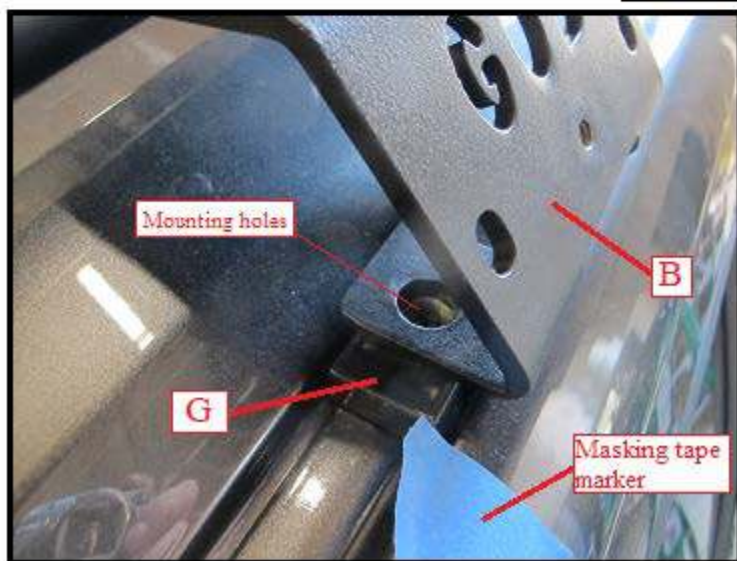
**Fig. 10**

Place 2- plastic coated aluminum base plates (G) 13-3/4" from the front upper windshield corner as shown in Fig. 10. One for the driver and one for passenger side. Then place a second set of 2-plastic coated aluminum base plates (G) approximately 33" from the back edge of the previously installed base plates driver and passenger sides. Place a small piece of masking tape on roof of the vehicle in line with the front edge of both base plate (G) front only so that you can be certain the base plate remains in the correct location during the installation process.

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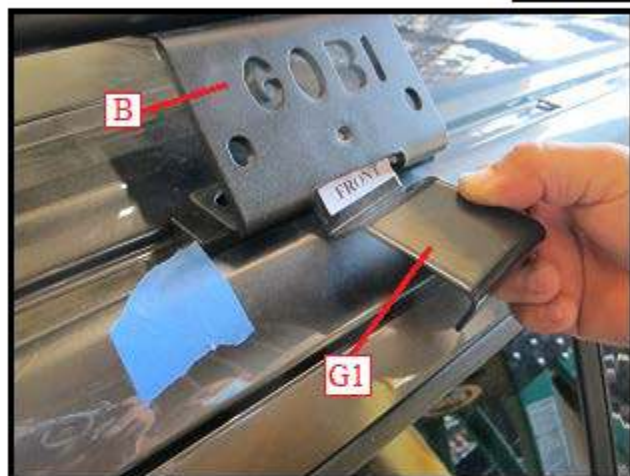
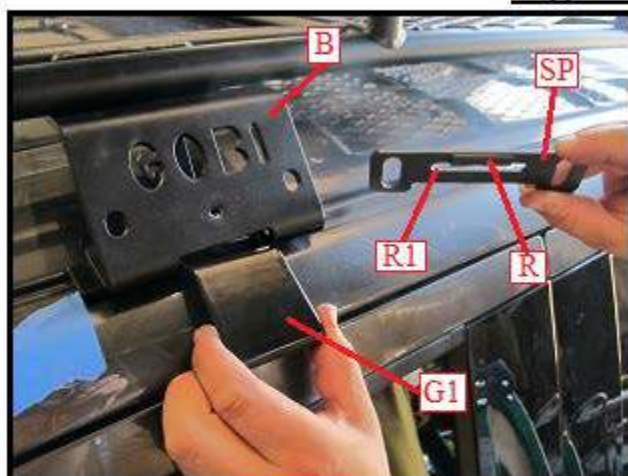
Fig. 11**Fig. 12**

As shown in Fig. 11 and Fig. 12 with the help of others, carefully set Gobi rack (A) on top of the 4 previously installed base plates (G). Make certain the front two base plates have not shifted during the installation. Use the previously installed masking tape markers as shown in Fig. 13 to determine plate (G) positions. If plates (G) have shifted, move plates back to correct position and slide roof rack to match.

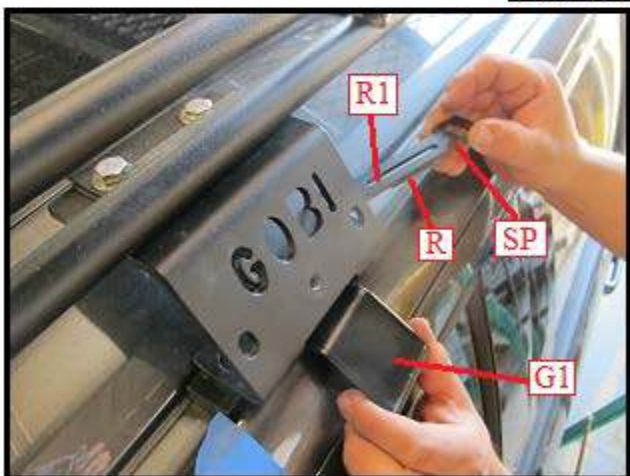
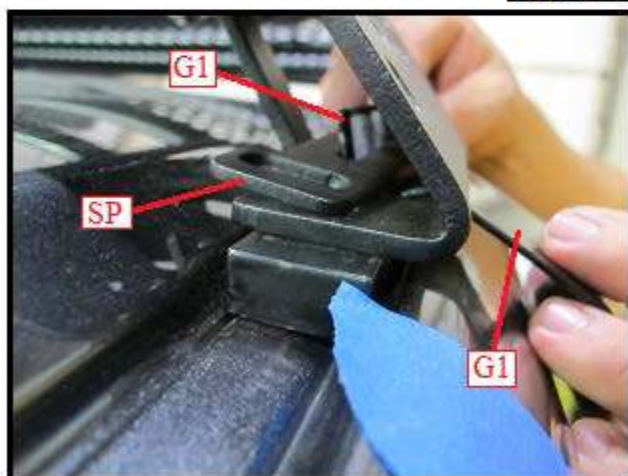
Fig. 13

Make certain that all 4 roof rack support brackets (B) mounting holes are in line with base plates (G) threaded mounting holes as shown in Fig. 13.

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Fig. 14**Fig. 15**

Remove from your hardware kit "Front" clamp (G1) as shown in Fig. 14. Slide front clamp (G1) under the front opening of the driver side front support bracket (B) as shown in Fig. 14. As shown in Fig. 15 remove one safety plate (SP) from Bag #3 of your hardware kit. Position safety plate (SP) in your hand as shown in Fig. 15 and Fig. 16 so that step (R) is facing down.

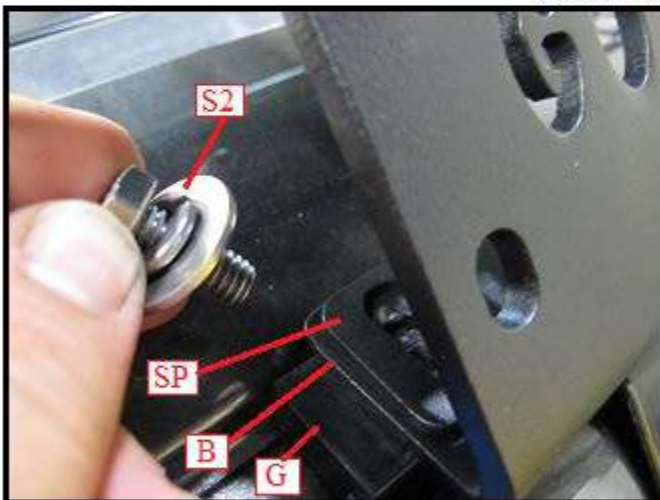
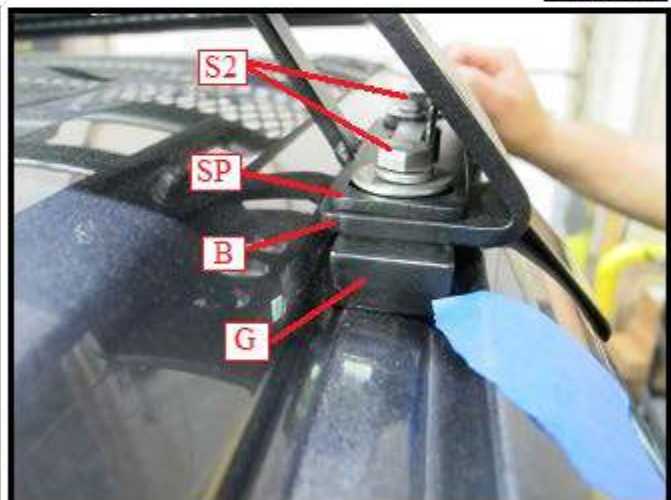
Fig. 16**Fig. 17**

While holding front clamp (G1) with your left-hand as shown in Fig. 16. Position safety plate (SP) with step (R) facing down as shown in Fig. 15 and Fig. 16 with your right hand. Slide safety plate (SP) slot (R1) over clamp (G1) as shown in Fig. 16 and Fig. 17.

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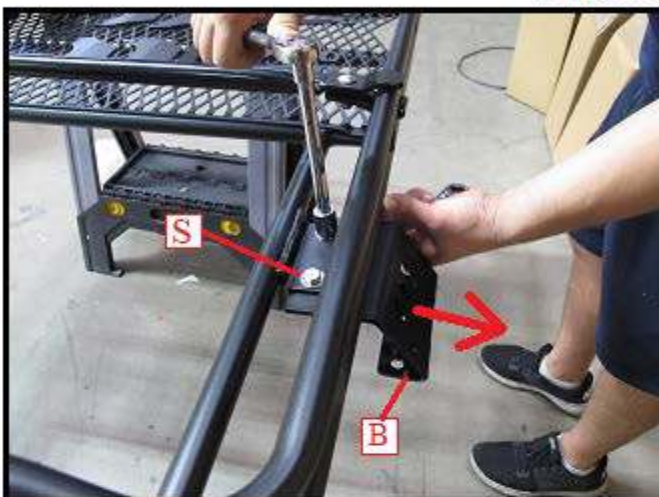
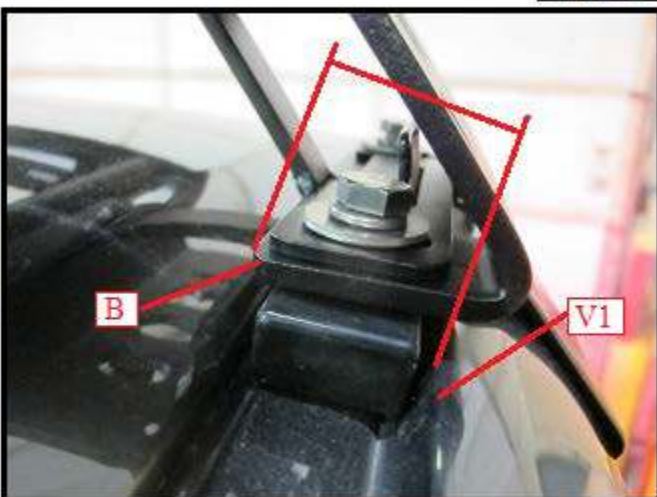
Fig. 18**Fig. 19****Fig. 20**

As shown in Fig. 18 and Fig. 19, open front driver side door and slip the hook end of clamp (G1) under door jam and hold in place. As shown in Fig. 19 and Fig. 20 while applying pressure upwards to clamp (G1) shown by a red arrow, fully close door holding clamp (G1) in place.

Fig. 21**Fig. 22**

As shown in Fig. 21 remove from Bag #3, 2- 5/16-18 x 3/4" hex head screws, 2- 5/16" lock washers and 2- 5/16" flat washers (S2). Thread down through safety plate (SP) then through support bracket (B) and into base plate (G). Thread screw into both sides as shown in Fig. 22, (**finger tighten only at this time**). Leave some play for later adjustment. Apply the same procedure to all 3 remaining support brackets (B). Make certain to use the second clamp (G1) marked as "FRONT" on the front passenger side support bracket (B) and the remaining rear clamps (G1) marked as "REAR" on the rear brackets. Once all 4 clamps, safety plates and screws (S2) have been properly but loosely installed into all support brackets and door jams, proceed to Fig. 23.

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Fig. 23**Fig. 24**

As shown in Fig. 23 but with the rack attached to the vehicle roof top. Pull each of the 4 support brackets (B) out as much as possible in the direction of the red arrow, away from the roof rack. Then fully tighten each of the support bracket screws (S) using a 9/16" ratchet and box end wrench.

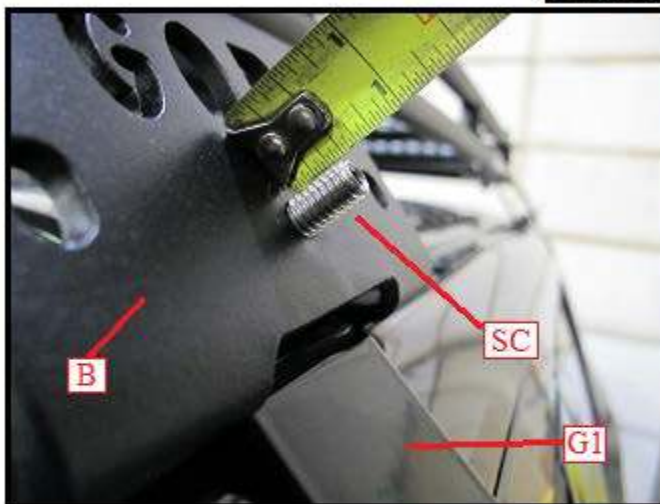
Adjust the roof rack with attached brackets (B) by pushing the rack either to the passenger or driver side. So that an equal distance can be achieved as much as possible to all 4 brackets between the outer vehicle gutter edge (V1) and the free end of bracket (B) as shown in Fig. 24

Fig. 25**Fig. 26****Fig. 27**

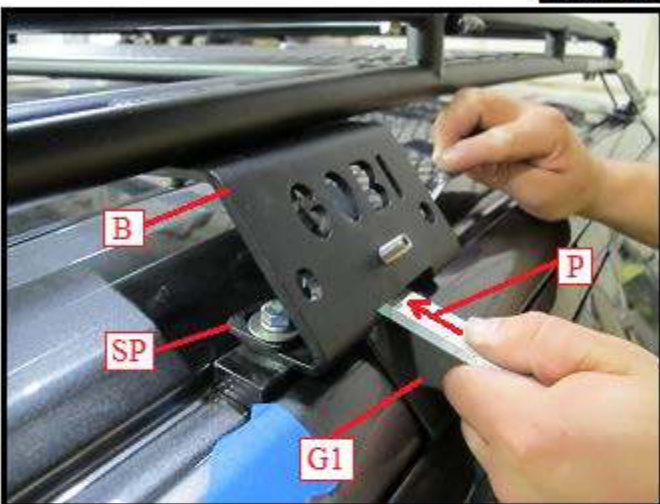
Remove from Bag #3 4- 5/16-18 x 1-1/4" set screws (SC), as shown in Fig. 25.

Caution: (remember to use anti-seize lubricant on all screws). Thread the set screw into the threaded hole as shown in Fig. 25 and Fig. 26 using the 5/32" Allen wrench supplied in Bag #3. While pushing the clamp plate up and towards the vehicle body as shown by the red arrow, tighten set screw (SC) to a height of 5/8" as shown in Fig. 27. Remember to keep screws (S2) shown in Fig. 22 finger tight, allowing the safety plate (SP) to have some movement during this adjustment. Apply the same procedure to each of the remaining support brackets.

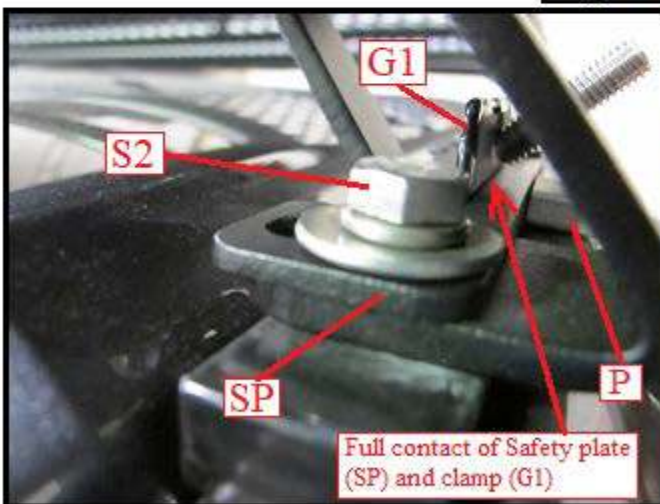
GOBI FORD F-150 13TH GEN CREW CAB ROOF RACK INSTALLATION INSTRUCTIONS

Fig. 28

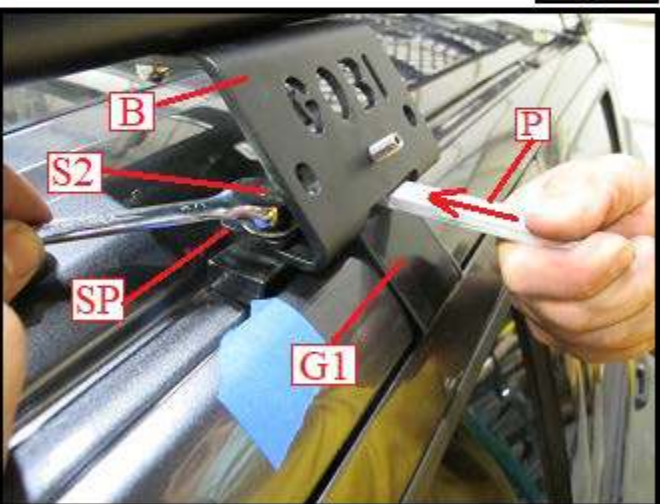
Return back to the front driver side support bracket (B). Tighten down set screw (SC) to 1/2" above support plate (B) as shown.

Fig. 29

Remove aluminum adjustment tool (P) from Bag #3. As shown in Fig. 29 and Fig. 30, push aluminum tool (P) against safety plate (SP) as shown by the red arrow, until safety plate (SP) contacts clamp (G1).

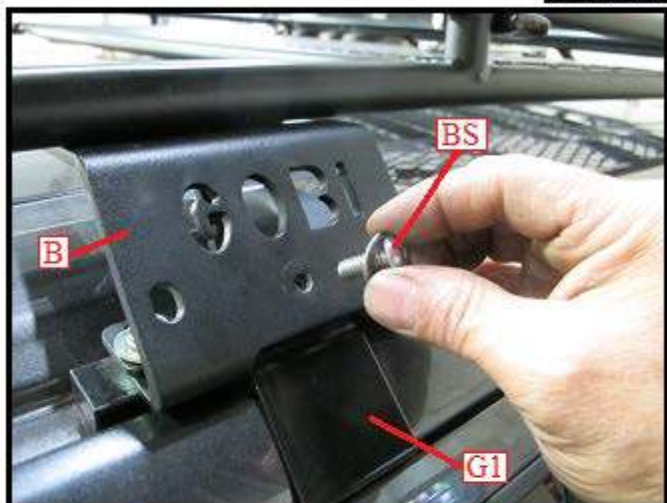
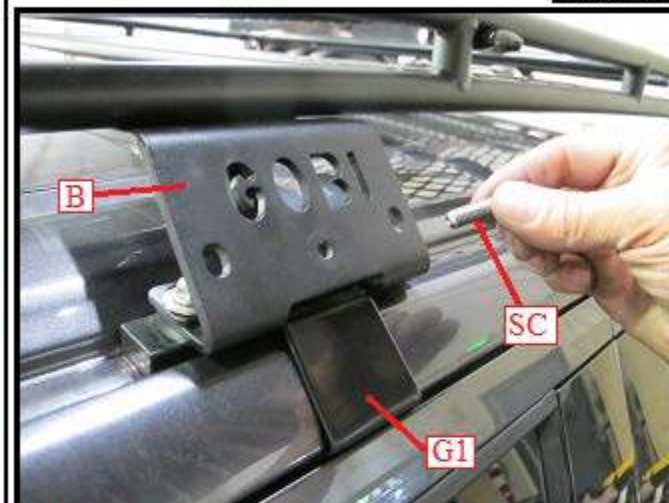
Fig. 30

Full contact of Safety plate (SP) and clamp (G1)

Fig. 31

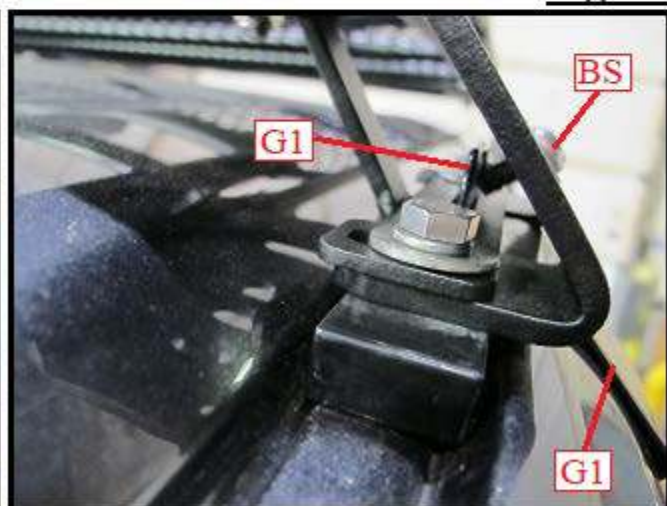
Make certain to push and hold safety plate (SP) in against clamp (G1) using tool (P) as shown in Fig. 30. While holding safety plate (SP) in place fully tighten both screws (S2) using a 1/2" box end wrench as shown in Fig. 31. Apply the same procedure to each of the remaining support brackets (B), one at a time.

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Fig. 32**Fig. 33**

While carefully removing set screw (SC) as shown in Fig. 32, check that clamp plate (G1) does not move out of place. **CAUTION:** Clamp plate (G1) must remain firm and tight against vehicle and not move when set screw (SC) is removed. If clamp (G1) should move, repeat install Fig. 26 thru 31.

Remove 1- 5/16-18 x 3/4" button head screw and 1- 5/16" flat washer (BS) from Bag #3, along with 1- 3/16" Allen wrench. Thread in place of set screw (SC) removed earlier.

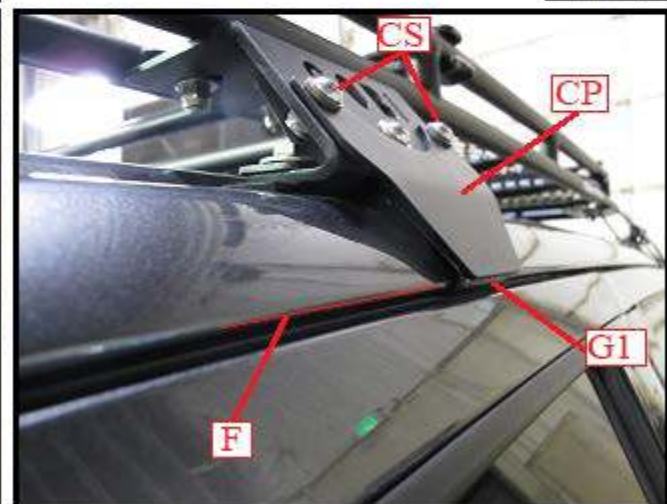
Fig. 34**Fig. 35**

Fully tighten button head screw (BS) using a 3/16" Allen wrench. While tightening screw (BS) note that the screw will just come into contact or apply some pressure onto clamp plate (G1) as shown in Fig. 35. Apply the same procedure to the remaining 3 support brackets, 1- passenger side and 2- rear support brackets.

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Fig. 36**Fig. 37**

Remove 1 cover plate (CP) as shown in Fig. 36 from your hardware box. Also remove 2- 5/16-18 x 3/4" button head screws and 2- 5/16" "thick" flat washers (CS) as shown in Fig. 37. Install cover plate so that the lettered plate marking is on the back of the plate facing the vehicle. Push screws (CS) through cover plate (CP) then through support bracket (B) cover plate hole (BH) as shown in Fig. 36, Fig. 37 and Fig. 38. Thread one 5/16" nylock nut per (CS) screw located in Bag #3 behind support bracket (B) to hold screws (CS) in place as shown in Fig. 39.

Fig. 38**Fig. 39**

Center cover plate (CP) side to side with support bracket (B) as shown in Fig. 38. Make certain that cover plate (CP) rests on clamping plate (G1) as shown in Fig. 39. Do not allow cover plate (CP) to set below roof top lower edge (F) as shown in Fig. 39 as this may damage door. Once both screws (CS) are snugged down and alignment is verified, fully tighten both screws (CS) using a 1/2" box end wrench and 3/16" Allen wrench as shown in Fig. 38. This will apply constant pressure to clamp (G1) to further protect against tree limbs or the like from dislodging clamp (G1). Apply the same procedure to the remaining 3 support brackets (B).

GOBI FORD F-150 13TH GEN CREW CAB ROOF RACK INSTALLATION INSTRUCTIONS

THE FOLLOWING WIND DEFLECTOR INSTALLATION IS DESIGNED FOR OFF ROAD LIGHTS. IF YOU DO NOT PLAN ON INSTALLING OFF ROAD LIGHTS PLEASE MOVE ON TO PAGE 13

Fig. 40

WIND DEFLECTOR SUPPORT BRACKETS FOR OFF ROAD LIGHT INSTALL

Place a blanket or soft material on a flat surface to place wind deflector (W) onto, this will prevent marring of the front surface. Make sure to use wind deflector support brackets (B3) located in Bag #2. Install all 3 (B3) brackets on the wind deflector as shown in Fig. 40, equal to the top edge (E) of the wind deflector. Using 3- 1/4-20 x3/4" button head screws, 6- 1/4" black nylon washers and 3- 1/4" nylock nuts (SW) located in Bag #2. Secure each bracket in place with a 7/16" box end wrench and supplied 5/32" Allen wrench.

Fig. 41**Fig. 42****Fig. 43**

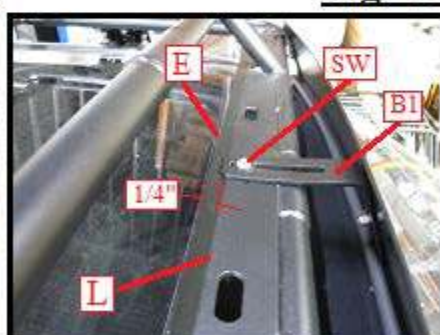
As shown in Fig. 41 clean the roof top in front of the roof rack with denatured alcohol or similar cleaner which does not contain ammonia. As shown in Fig. 42 set the wind deflector (W) onto the roof top and center slot of roof rack light mount plate (L). Using 1- 1/4-20 x 3/4" button head screw, 2- 1/4" black nylon washers and 1- nylock nut (SW) from Bag #2, attach the center wind deflector support bracket (B3) to the center slot of the light mount plate (L) even with the back edge (E) as shown in Fig. 43. Fully tighten in place with a 7/16" box end wrench and supplied 5/32" Allen wrench and move on to page 14 Fig. 49.

GOBI FORD F-150 13TH GEN CREW CAB ROOF RACK**INSTALLATION INSTRUCTIONS**

**THE FOLLOWING WIND DEFLECTOR INSTALL IS DESIGNED
FOR NO OFF ROAD LIGHTS**

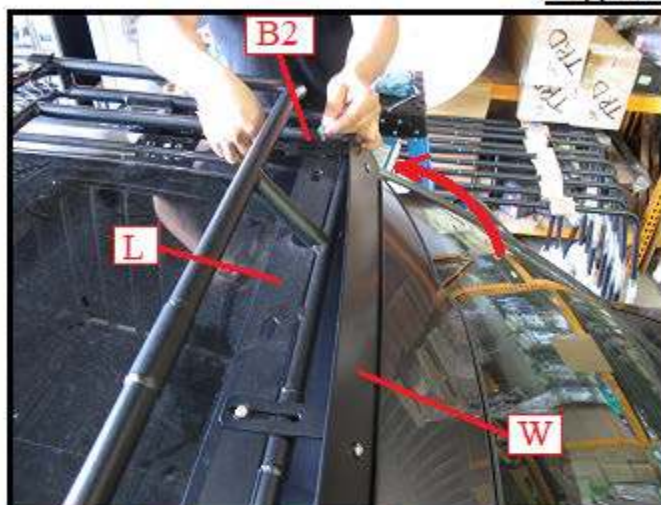
Fig. 45**WIND DEFLECTOR SUPPORT BRACKETS
NO LIGHT INSTALL**

Make sure to use wind deflector brackets (B1) and (B2) located in Bag #2. Using 1-1/4-20 x 3/4" button head screw, 2- 1/4" black nylon washers and 1-1/4" nylock nut (SW), install bracket (B1) to the center hole of the wind deflector (W), 5/8" from the top edge as shown in Fig. 45. Use a 7/16" box end wrench and supplied 5/32" Allen wrench to tighten in place. Install brackets (B2) on the remaining 2 end holes of the wind deflector in the same manner, 5/8" from the top edge.

Fig. 46**Fig. 47****Fig. 48**

As shown in Fig. 46 clean the roof top in front of the roof rack with denatured alcohol or similar cleaner which does not contain ammonia. As shown in Fig. 47 set the wind deflector (W) onto the roof top and center slot of roof rack light mount plate (L). Using 1- 1/4-20 x 3/4" button head screw, 2- 1/4" black nylon washers and 1- nylock nut (SW) from Bag #2. Attach the center wind deflector support bracket (B1) to the center slot of the light mount plate (L) 1/4" back from edge (E) as shown in Fig. 48. Fully tighten in place with a 7/16" box end wrench and supplied 5/32" Allen wrench.

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Fig. 49**Fig. 50**

As shown in Fig. 49, pull back wind deflector towards the roof rack in the direction of the large red arrow. Support bracket (B2) or (B3) will sit at a slight angle on mount plate (L), this is normal. Push down through support bracket (B2) or (B3) 1- 1/4-20 x 3/4" button head screw and 1- 1/4" black nylon washer and thread on from the underside of mount plate (L) 1- 1/4" black nylon washer and 1- 1/4" nylock nut. Snug down in place but do not fully tighten. Slide support bracket (B2) or (B3) in the direction of the small red arrow in towards the center of the vehicle as shown in Fig. 50, causing the wind deflector (W) to bow. Then fully tighten bracket (B2) or (B3) in place using a 7/16" box end wrench and supplied 5/32" Allen wrench.

Fig. 51**Fig. 52**

As shown in Fig. 51 and Fig. 52, pull back wind deflector towards the roof rack in the direction of the large red arrow. Support bracket (B2) or (B3) will sit at a slight angle on mount plate (L), this is normal. Push down through support bracket (B2) or (B3) 1- 1/4-20 x 3/4" button head screw and 1- 1/4" black nylon washer and thread on from the underside of mount plate (L) 1- 1/4" black nylon washer and 1- 1/4" nylock nut. Snug down in place but do not fully tighten. Slide support bracket (B2) or (B3) in the direction of the small red arrow in towards the center of the vehicle as shown in Fig. 52 causing the wind deflector (W) to bow. Then fully tighten bracket (B2) or (B3) in place using a 7/16" box end wrench or supplied 5/32" Allen wrench.

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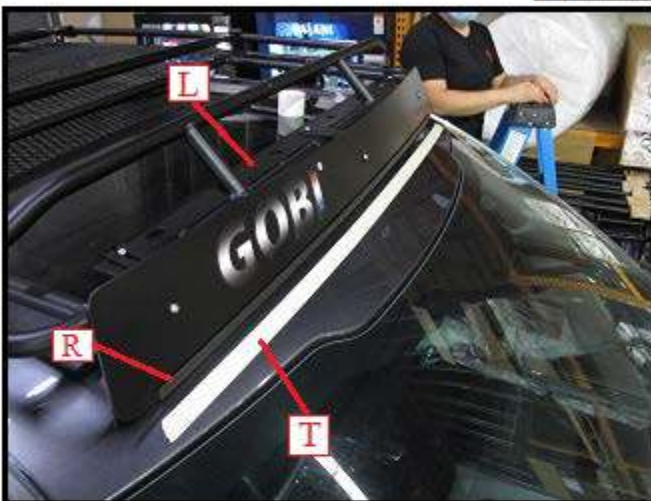
Fig. 53**Fig. 54**

Fig. 53 shows wind deflector (W) properly installed. As shown in Fig. 54 place a 1" wide strip of masking tape (T) or the like approximately 1-1/4" below the edge of the wind deflector where it contacts the roof top and 1" or so past the length of the rubber gasket (R) both ends. Once you have adhered the masking tape marker in place, completely remove the wind deflector from the mounting plate (L) at this time.

Fig. 55**Fig. 56**

Remove a white roll of clear tape from Bag #2. Peel away a small amount of the white protective backing and adhere the clear tape as shown in Fig. 55 and Fig. 56 to the roof top along the upper edge of the masking tape marker. Use the palm of your hand in a flat action and press the clear wear tape to the roof top as shown, fully across the top of the masking tape marker and 1" or so beyond the ends.

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Fig. 57

Cut clear tape approximately 1" or so past the masking tape maker both ends as shown in Fig. 57 then press clear tape to roof top.

Fig. 58

Re-install wind deflector as previously shown in Fig. 43 or Fig. 48 based on your wind deflector install then thru Fig. 53. Figure 58 shows a properly installed wind deflector.



INSTALLATION COMPLETED