

## **GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS**

The rack must be inspected before each use to make certain attachments are secure, and for evidence of wear. Misuse of the rack or failure to observe the manufacturer's instructions as to installation, proper Attachment and maintenance will void warranties that may be implied by law.

### **TOOLS REQUIRED FOR INSTALLATION:**

- 1- 10mm open or closed end wrench (rock slider)
- 1- 13mm socket 3/8" drive with 10" extension (rock slider)
- 1- 16mm socket 3/8" driver (inside door hinge screw)
- 1- 13mm box or open-end wrench (windshield hinge screw)
- 1- 3/4" socket and 3/4" box end or adjustable wrench (rear support bars)
- 1- 9/16" socket 3/8" drive (rear rack screws)
- 1- 9/16" box end wrench (front rack screws)
- 2- 1/2" open end wrenches (rear lower and upper isolators)
- 1- Torx bit (T-40) front cowl side covers
- 1- 5mm Allen wrench (front lower light bar cover plate)
- 1- 3/16" Allen wrench (front lower light bar Gobi logo support plate)

## **CAUTION**

## **USE ANTI-SEIZE LUBRICANT ON ALL SCREWS**

**NOTE: PAY SPECIAL ATTENTION TO RED HIGHLIGHTED INSTRUCTIONS**

# GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY 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.

**READ ALL INSTRUCTIONS PRIOR TO INSTALLATION**

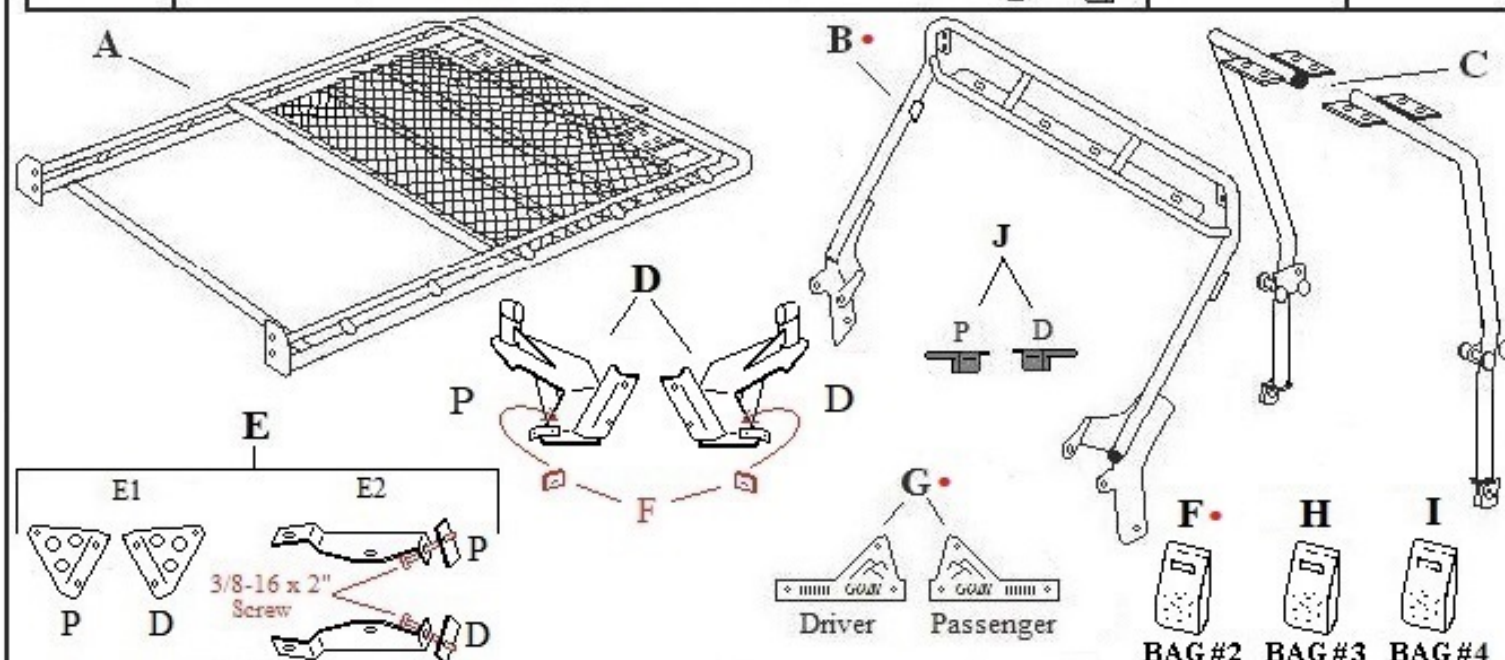
**NOTE: PAY SPECIAL ATTENTION TO RED HIGHLIGHTED INSTRUCTIONS**



# GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

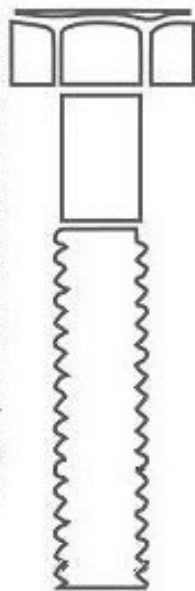
## Included in kit

Letter	Description	Location	Quantity
A	GOBI JEEP JL GLADIATOR ROOF RACK BASKET	Main box	1
B	GOBI JEEP JL MOJAVE HEAVY DUTY FRONT LIGHT BAR	Strapped to Rack	1
C	GOBI JEEP JL GLADIATOR REAR RACK SUPPORTS PASS & DRIVER	Strapped to Rack	1 ea.
D	GOBI JEEP JL GLADIATOR REAR RACK TOWERS PASS & DRIVER	Hardware Box	1 ea.
E	GOBI JL GLADIATOR REAR TOWER SUPPORT PLATES PASS & DRIVER	Hardware Box	1 ea.
F	GOBI HINGE BRACKETS & LIGHT BAR CLAMPS PASSENGER & DRIVER	BAG #2	1 ea.
G	GOBI JEEP JL MOJAVE COVER PLATES PASSENGER AND DRIVER	Hardware Box	1 ea.
H	<b>GOBI RACK MOUNTING HARDWARE</b> <b>CONTENTS:</b> 4- Black nylon shoulder washer 4- 1/2" Flat washer SS 2- 1/2" x 2-1/2" hex head screw SS 2- 1/2" Nylock nut SS 12- 3/8-16 x 1-1/4" hex head screw SS 36- 3/8" Flat washer SS 18- 3/8" Nylock nut SS 4- 3/8-16 x 1" Carriage screw SS 2- 3/8-16 x 1" hex head screw SS 2- 3/8" Lock washers 10- 5/16-18 x 3/4" Button head screw SS 4- M8 x 40mm Button head screw SS 4- Black aluminum spacers (Bag#3a) 14- 5/16" Flat washers SS 6- 5/16" Lock washers SS 4- 5/16" "THICK" flat washers 4- 5/16" Nylock nuts SS 4- Rear support bar position plates— 1- Packet Anti-seize lubricant	BAG #3 Hardware Box	1
I	<b>GOBI ISOLATOR HARDWARE PLATES</b> <b>CONTENTS:</b> 2- Black hardtop wear plates passenger and driver (place on vehicle hard top under upper rubber isolators) 2- Clear wear tape 2" x 7" with white backing 2- Clear wear tape 1/2" x 7" with white backing 2- Black rectangular adhesive backed light bar hoop wear plates, Passenger & Driver	BAG #4 Hardware Box	1
J	2- Black adhesive backed main isolator wear plate Passenger and Driver	Hardware Box	1



## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

Qty. 2 | 1/2-13 x 2-1/2" Hex Head Screw SS



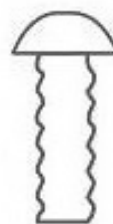
Qty. 12 | 3/8-16 x 1-1/4"



Qty. 2 | 3/8-16 x 1



Qty. 10 | 5/16-8 x 3/4" Button Head Screw SS



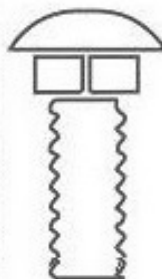
Qty. 4 | M8 x 40mm Button Head Screw SS



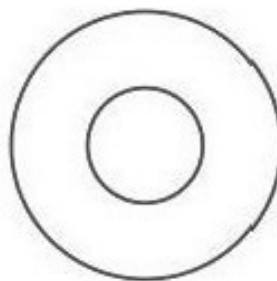
Qty. 2 | 3/8-16 x 2" Hex Head Screw SS



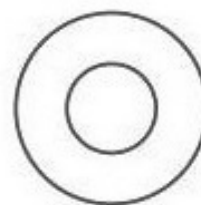
Qty. 4 | 3/8-16 x 1" Carriage Screws SS



Qty. 4 | 1/2" Flat Washer SS



Qty. 36 | 3/8" Flat Washer SS



Qty. 6 | 5/16" Lock Washer SS



Qty. 4 | Black Aluminum  
Spacer



Qty. 14 | 5/16" Flat  
Washer SS



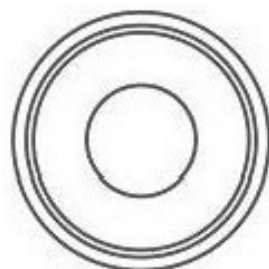
Qty. 4 | 5/16" Thick  
Flat Washer SS



Qty. 2 | 3/8" Lock Washer SS



Qty. 4 | Black Nylon Shoulder Washer



Qty. 2 | 1/2" Nylock Nuts SS



Qty. 18 | 3/8" Nylock Nuts SS



Qty. 4 | 5/16" Nylock Nuts SS

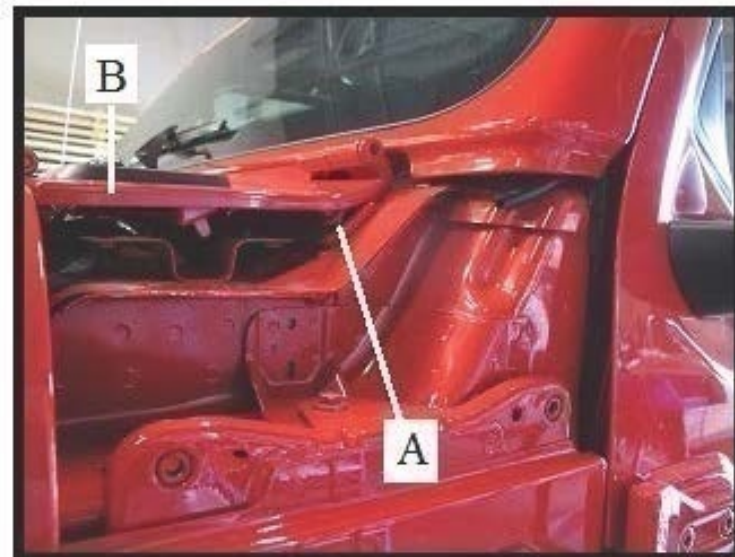




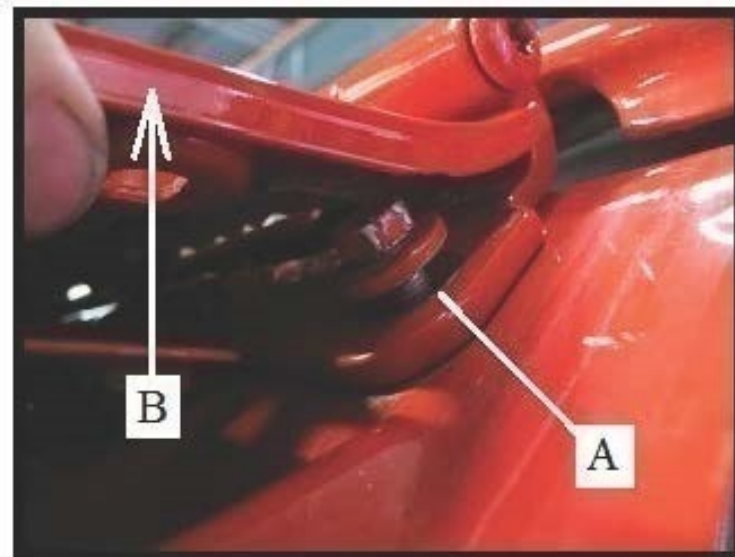
## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 1**

Use a #40 Torx bit and remove the 4 outside cowling cover screws as shown in Fig. 1 and Fig. 2.

**Fig. 2**

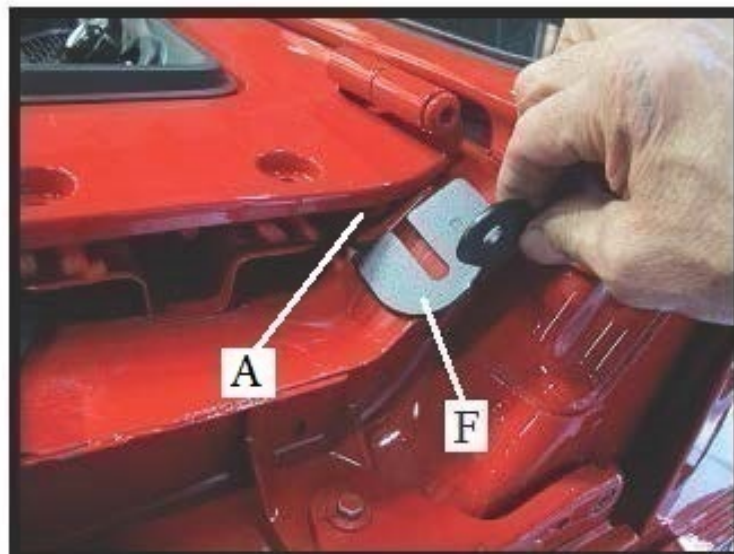
While lifting slightly on cowling (B) to expose hinge screw (A) slide a 13mm box end wrench over the outside hinge screw (A) and loosen. Do not remove the hinge screw only loosen as shown in Fig. 3.

**Fig. 3**

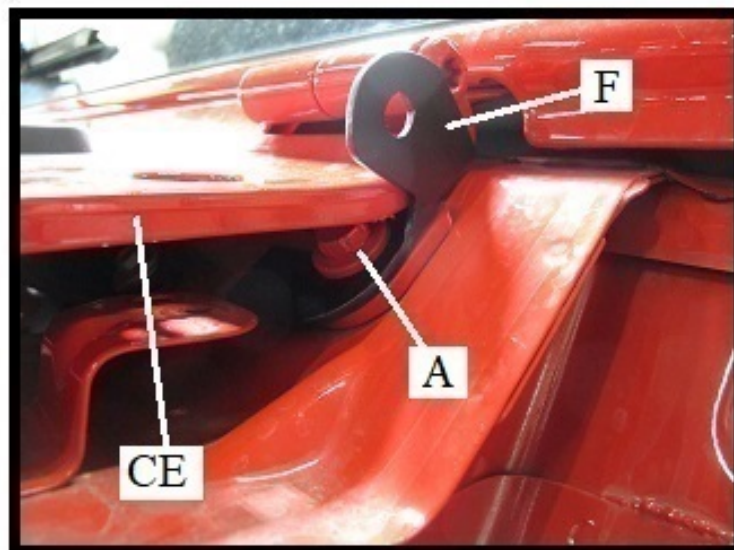
Loosen hinge screw (A) enough to slide hinge bracket (F) located in Bag #2 of your hardware kit as shown in Fig. 4.



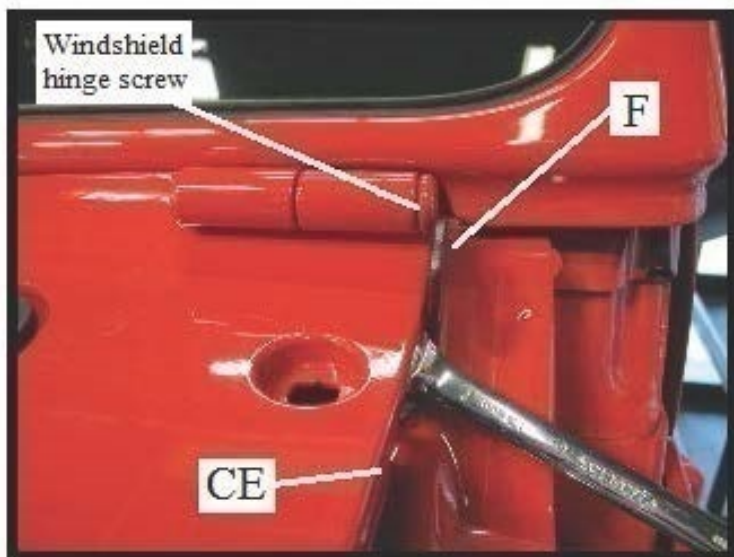
## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 4**

Slide the driver side hinge bracket (F) marked with a stamped letter (D) or label (indicating Driver side) under the hinge screw (A) as shown in Fig. 4 and Fig. 5.

**Fig. 5**

Slide hinge bracket (F) as far inward as possible and line up with cowling edge (CE) and the outside windshield hinge as shown in Fig. 5 and Fig. 6

**Fig. 6**

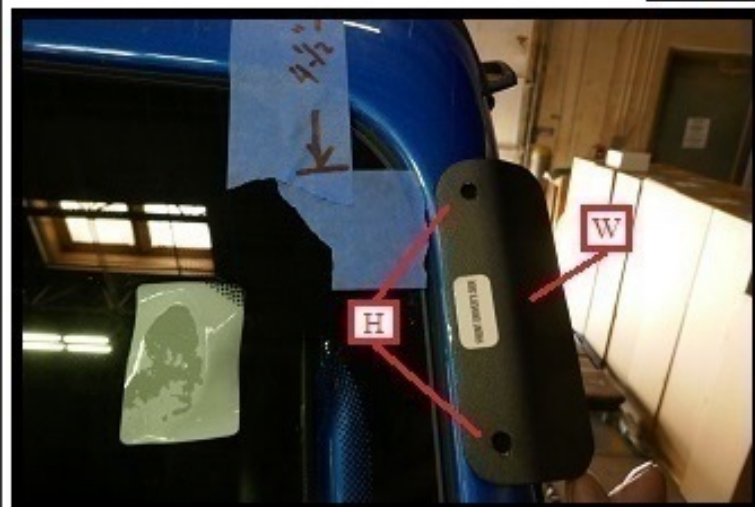
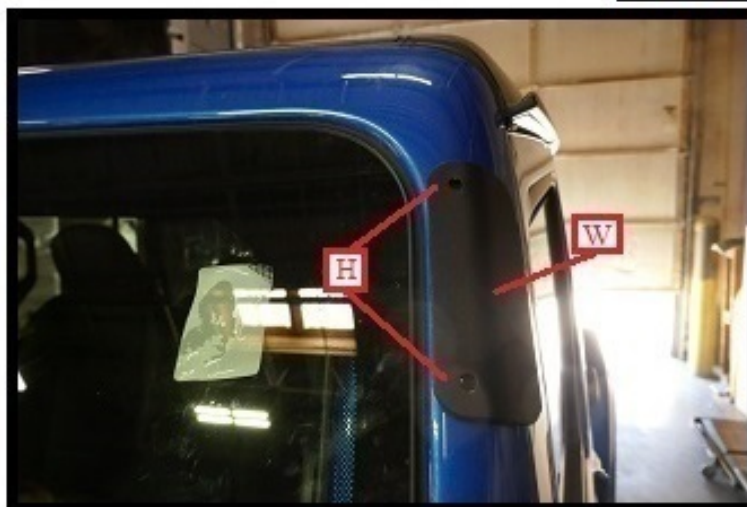
Line up hinge bracket (F) with cowling edge (CE) and windshield hinge screw then fully tighten hinge screw (A) shown in Fig. 5 using a 13mm box end wrench. Then re-install cowling cover as shown in Fig. 1, but do not install the two lower cowling cover screws (4). Apply the same procedure to the opposite side.



## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

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

As shown in Fig. 7 using masking tape, mark off 4-1/2" from the top driver side windshield frame down. Clean the area from the upper windshield "A" pillar down approximately 10" with denatured alcohol to remove all dirt and debris and allow to dry for 30 seconds. As shown in Fig. 8, remove the driver side light bar hoop wear plate (W) from Bag #4 of your hardware kit. Do not peel off protective backing at this time. Set wear plate (W) onto windshield "A" pillar as shown in Fig. 9 and Fig. 10 facing holes (H) towards windshield and edge of plate (W) along the windshield frame edge as shown.

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

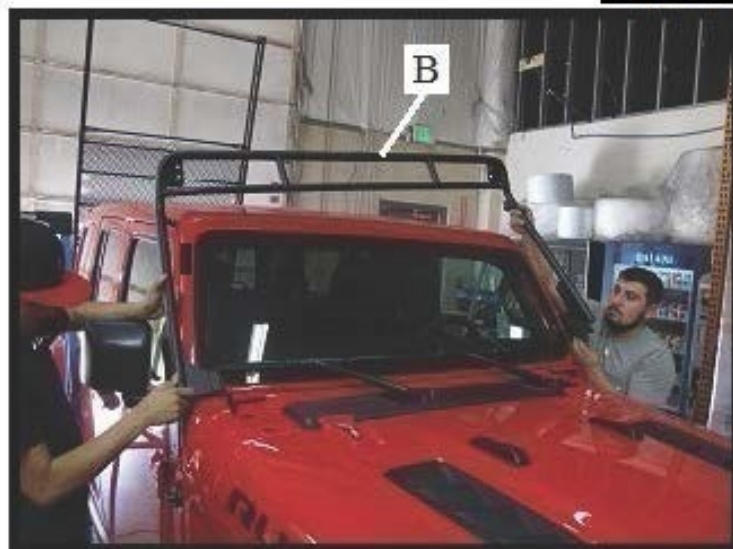
As shown in Fig. 10, after you have test fit wear plate (W) in place. Peel off the red protective backing and adhere wear plate (W) in place as shown in Fig. 10. Apply the same procedure to the passenger side.



## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 11****Fig. 12****Fig. 13**

Remove a roll of clear protective film from your wind deflector hardware package strapped onto the roof rack. Clean the windshield frame as shown in Fig. 11 with denatured alcohol. Peel off the protective backing on the clear protective film and apply over the windshield onto the windshield frame as shown in Fig. 12. Once you press the film onto the frame cut the overage at the opposite side so that both ends start and end at approximately the curvature of the windshield glass.

**Fig. 14****Fig. 15**

Install the Gobi light bar (B) as shown in Fig. 14 passenger side first. Make sure to place a black aluminum spacer (1) located in Bag #3 of your hardware kit, into the cowl mounting hole recess shown in Fig. 15.

**Fig. 16**

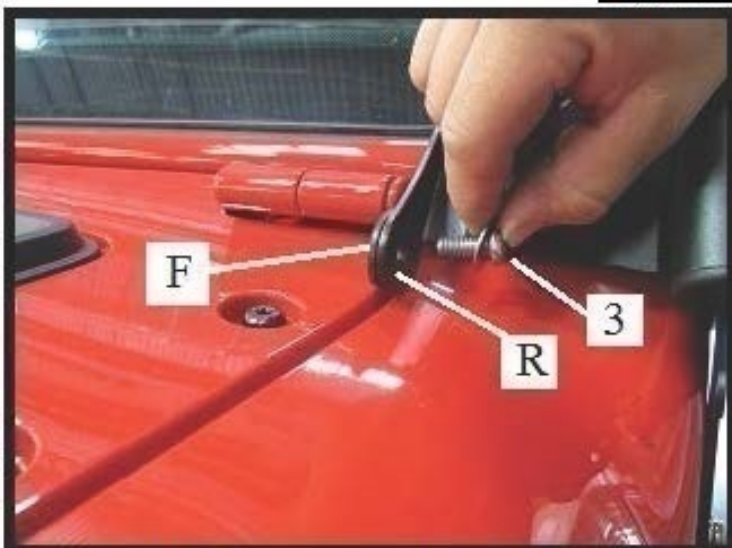
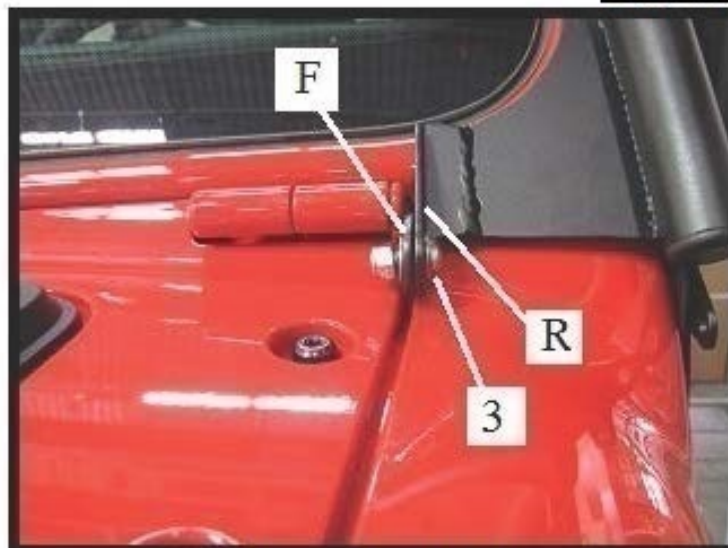
Remove 1- button head Allen screw M8 x 40mm, 1- 5/16" lock washer and 1- 5/16" "thick" flat washer located in Bag #3 of your hardware kit. Thread screw, lock washer and thick flat washer through light bar, black aluminum spacer (1) then into vehicle body as shown in Fig.16. Do not fully tighten at this time, leave some play for later adjustment.



## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 17****Fig. 18**

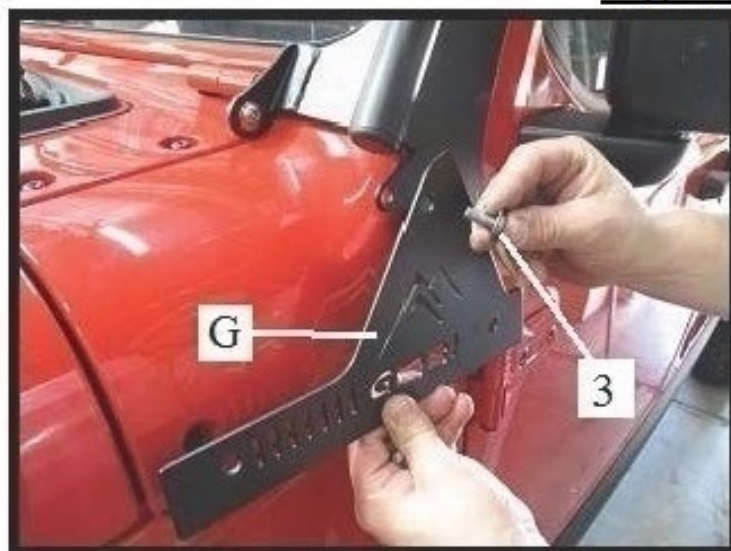
Place another spacer (1) into the mounting hole recess as shown in Fig. 17 in the same manner as the passenger side. Pull down the Gobi light bar over the spacer and thread in 1- button head Allen screw M8 x 40mm, 1- 5/16" lock washer and 1- 5/16" thick flat washer as shown in Fig. 18. Snug down only at this time.

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

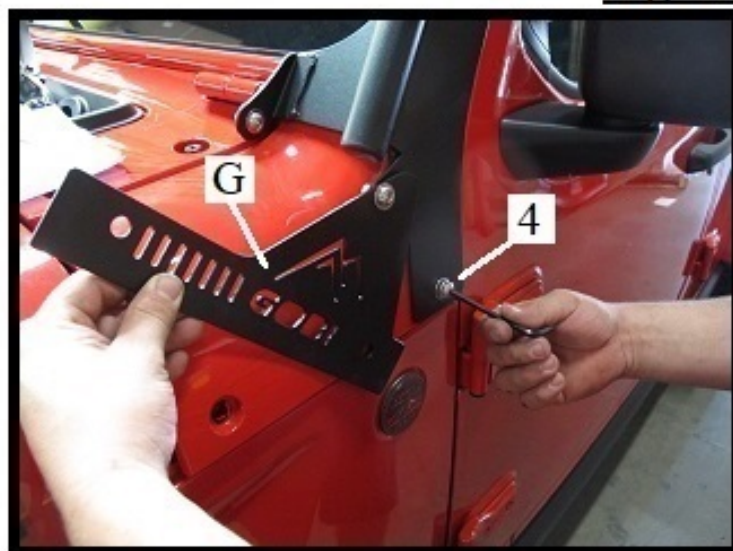
Pull the light bar up or down in or out to line up the mounting hole of light bar flange (R) with the mounting hole in hinge bracket (F) as shown in Fig. 19. Slip in 1- 5/16-18 x 3/4" button head Allen screw and 1- 5/16" flat washer (3) located in Bag #3 as shown in Fig. 19 and Fig. 20. Use another 5/16" flat washer and 1- 5/16" nylock nut also located in Bag #3 and snug down using a 1/2" box end wrench and 3/16" Allen wrench. Do not fully tighten. Apply the same procedure to the opposite side.



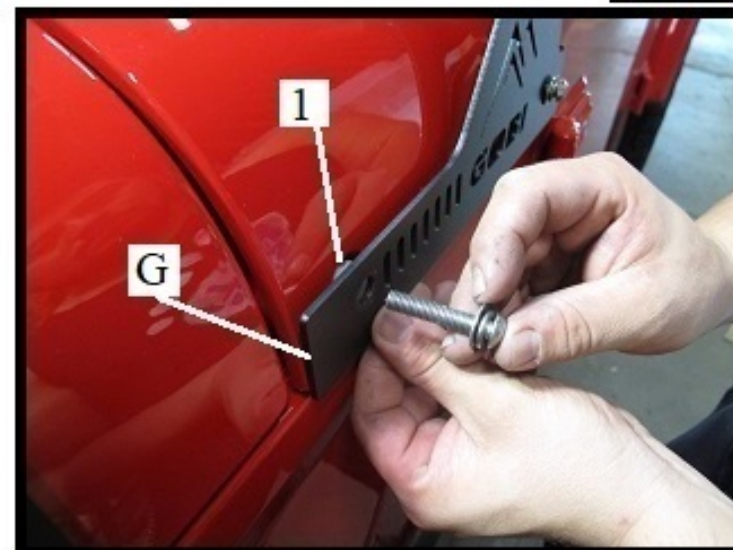
## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 21**

Remove the driver side light bar cover plate (G) from your hardware box. Install the driver side cover plate (G) onto the light bar as shown in Fig. 21 and Fig. 22, using 1- 5/16 x 3/4" button head screw and 1- 5/16" flat washer (3). Use another 5/16" flat washer and 1- 5/16" nylock nut to secure in place on the other side and snug down only at this time using a 3/16" Allen wrench and 1/2" open end wrench. Leave some play for later adjustment.

**Fig. 23****Fig. 22**

Remove the lower light bar M8 x 40 mounting screw (4) as shown in Fig. 22 using a 5mm Allen wrench. Then slide cover plate (G) over the top of lower light bar as shown in Fig. 23 and thread in screw (4) through cover plate (G) and back into lower light bar and leave screw snugged down only. Do not fully tighten, leave some plate for adjustment.

**Fig. 24**

Remove 1- black aluminum spacer (1) from Bag #3 and slip behind cover plate (G) as shown in Fig. 24 in the second cowl mounting hole recess. Thread another M8 x 40mm Allen head screw, 1-5/16" lock washer and 1- 5/16" thick flat washer located in Bag #3 into cover plate (G) then into vehicle body and snug down only. Leave some play for later adjustment. Apply the same procedure to the opposite side.

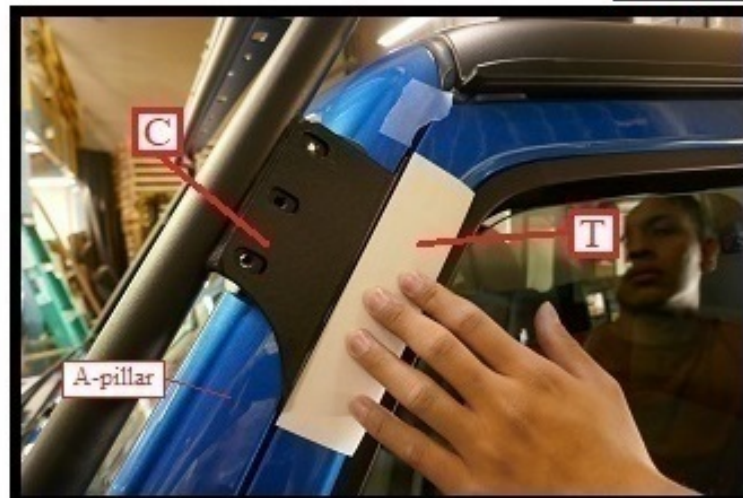
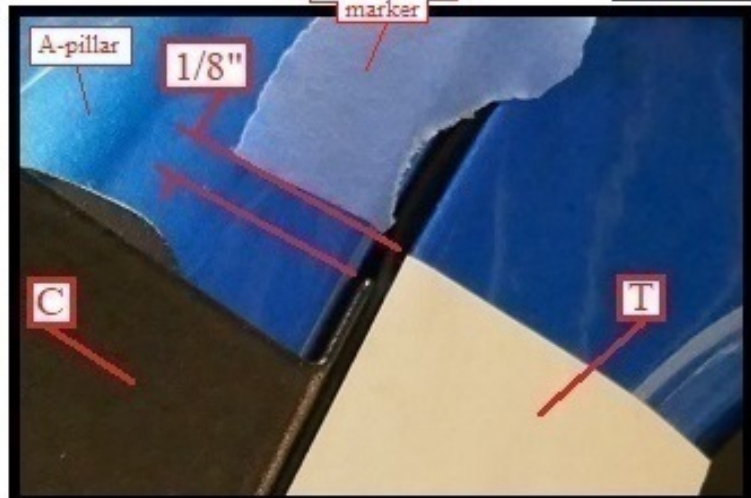


# GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK

## INSTALLATION INSTRUCTIONS

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

As shown in Fig. 25, open the driver side door and clean the area of the "A" pillar shown by red arrows below wear plate (W) and inside door jamb with denatured alcohol to remove dirt and debris. Then as shown in Fig. 26, remove the driver side clamp plate (C) from Bag #2. As shown in Fig. 26 and Fig. 27, place clamp plate (C) over nut plate (N) and inside of door jamb. Align clamp plate (C) with the 3 threaded holes in nut plate (N) as shown in Fig. 27 and close door tightly to hold clamp plate (C) in door jamb.

**Fig. 28****Fig. 29**

As shown in Fig. 28, remove one 2" x 7" clear wear tape (T) from Bag #4 of your hardware kit. Do not remove the white protective backing and place on door under clamp plate (C) as shown in Fig. 28 and a close-up view in Fig. 29. As shown in Fig. 29, slide clear wear tape (T) 1/8" higher than clamp plate (C) and place a masking tape marker on the vehicle "A" pillar to indicate the clear wear tapes position. Open door and remove clamp plate (C) and hold close by for re-installation.

**Fig. 30**

As shown in Fig. 30, peel off the clear wear tape (T) from the white backing and apply onto "A" pillar directly under wear plate (W) and even with masking tape marker previously applied in Fig. 29. Press down firmly to the outside face of the "A" pillar and into the door jamb. Apply the same procedure to the passenger side.

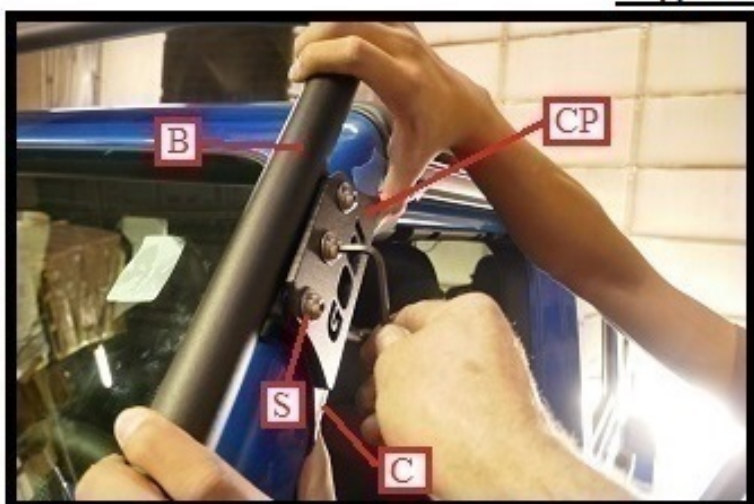


# GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK

## INSTALLATION INSTRUCTIONS

**Fig. 31****Fig. 32****Fig. 33**

As shown in Fig. 31, open the side door and re-install clamp (C) as shown back in Fig. 27. As shown in Fig. 32 and Fig. 33, remove the driver side cover plate (CP) from Bag #2 and install over clamp plate (C). Use three 5/16-18 x 3/4" button head screws, flat washers, and lock washers (S) located in Bag #3 and thread through cover plate (CP) then through clamp plate (C) and into nut plate (N). Snug down screws only and apply the same procedure to the other side.

**Fig. 34****Fig. 35**

As shown in Fig. 34 and Fig. 35, open the side door. With screws (S) loose, have a friend squeeze, and hold with force using both hands, fingers and thumbs light bar (B) and clamp plate (C) together shown by red arrows. Line up the lower edge of cover plate (CP) with clamp plate (C) then fully tighten all three screws (S) using a 3/16" Allen wrench supplied in Bag #3.

**Fig. 36**

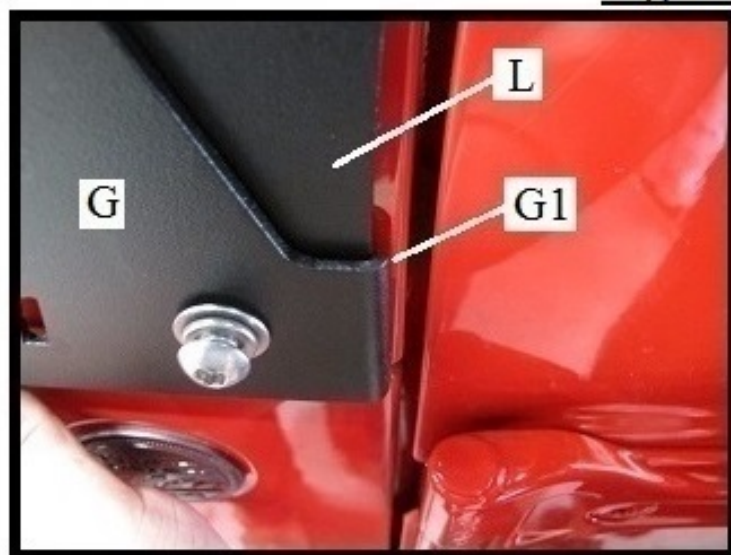
Fig. 36 shows the completed driver side clamp (C) and cover plate (CP) installation. Apply the same procedure to the opposite side.

**Fig. 37**

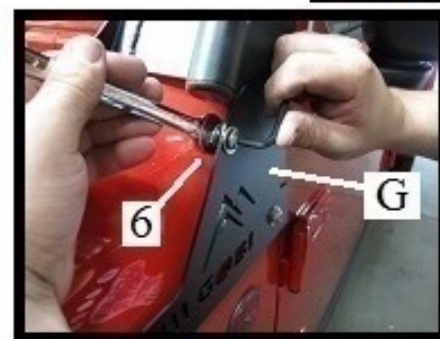
As shown in Fig. 37, place a masking tape marker on the outside door edge, 1/8" above clamp plate (C) as was completed in Fig. 29 earlier. Apply the same procedure to the other side.



## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 38**

As shown in Fig. 38, make certain that hook end (G1) of cover plate (G) is over the back edge of lower light bar base plate (L).

**Fig. 39****Fig. 40****Fig. 41**

With the hook section of cover plate (G) over the back of the light bar base plate (L), slide cover plate (G) in the direction of the white arrow towards the front of the vehicle as much as possible, shown in Fig. 39. While holding cover plate (G) forward fully tighten the M8 x 40mm screw (4) using a 5mm Allen wrench as shown in Fig. 39. Make sure cover plate (G) is even with the body lines and fully tighten the second M8 x 40mm screw (5) as shown in Fig. 40. Proceed to the top of cover plate (G) as shown in Fig. 41 and fully tighten the 5/16" Allen screw (6) using a 3/16" Allen wrench and 1/2" box end wrench.

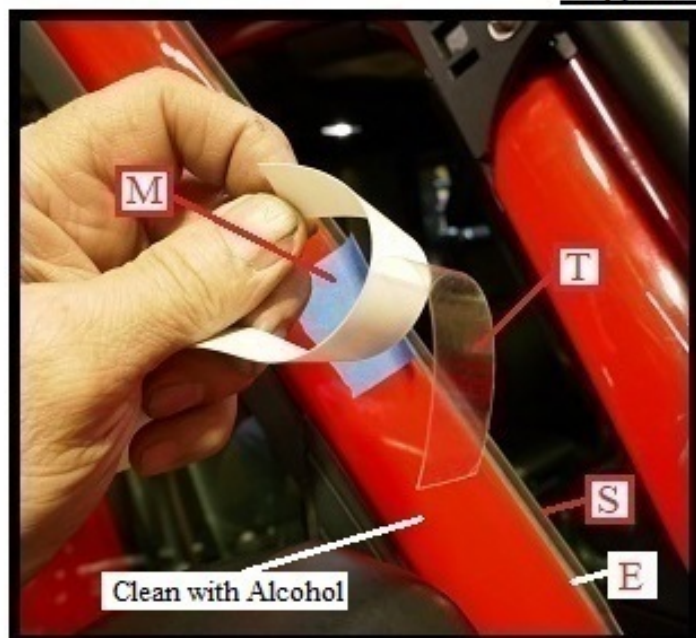
**Fig. 42**

As shown in Fig. 42, fully tighten the 5/16" Allen screw and nylock nut (A). Apply the same procedure to the opposite side. Check all light bar (B) screws and clamps every few months to make certain they are fully tightened and adjusted as shown in Figures 34 through 42. If you take an off-road trip, make sure to check all screws and clamps during and after the event and adjust if needed to comply with adjustments shown in Figures 34 through 42.

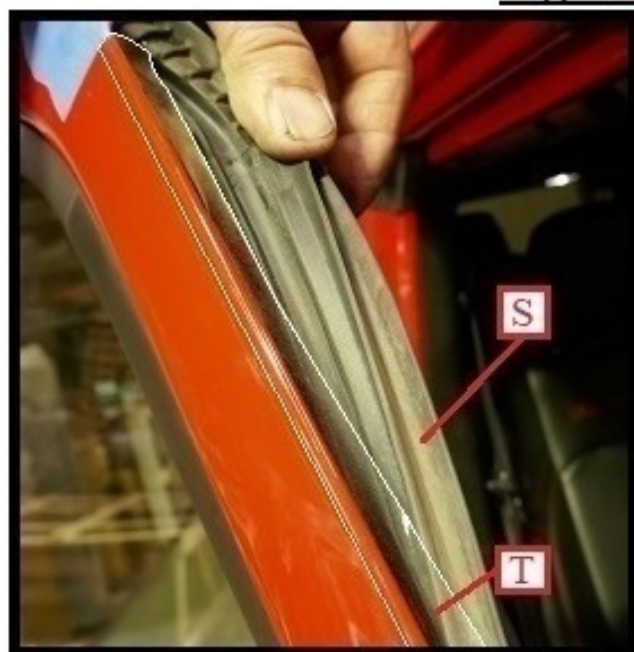
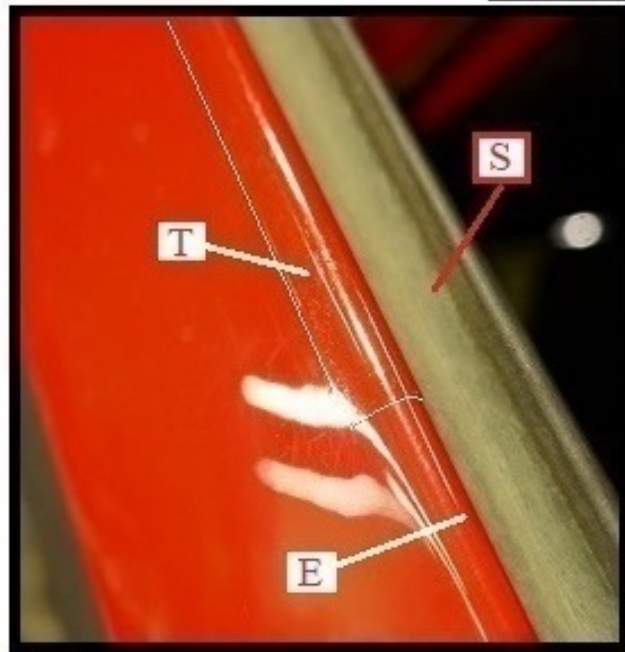


# GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK

## INSTALLATION INSTRUCTIONS

**Fig. 43****Fig. 44**

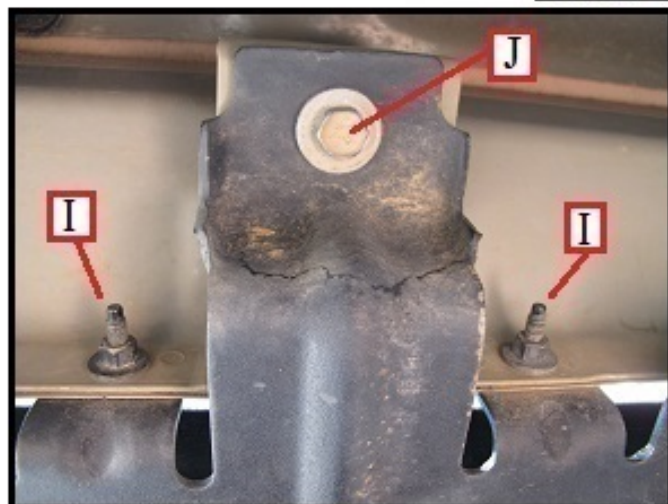
As shown in Fig. 43, clean the area below the masking taper marker (M) outside the door and the door's inner edge behind rubber door seal (S) shown in Fig. 45 with denatured alcohol to remove dirt and debris. As shown in Fig. 43 and Fig. 44, peel away the clear wear tape (T) protective backing and apply it to the door directly in line with the masking tape marker (M) and onto the outside of the door's upper edge (E) approximately 1/4" over the outside edge as shown in Fig. 46.

**Fig. 45****Fig. 46**

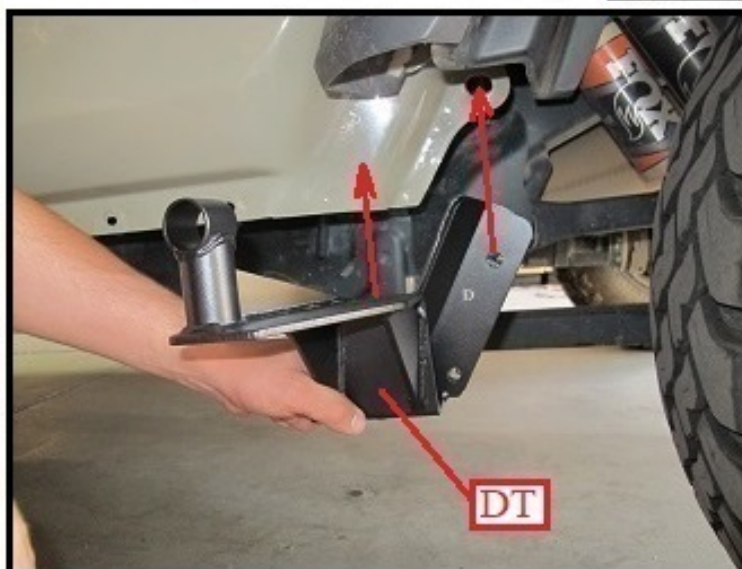
As shown in Fig. 45 and Fig. 46, pull back the door's rubber seal (S) and press the wear tape (T) down over the edge of the door and continue to press the tape onto the back side of edge (E) until the tape has fully covered the top inner and outer edge (E) of the door as shown in Fig. 46. Apply the same procedure to the opposite door.



## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 38****Fig. 37**

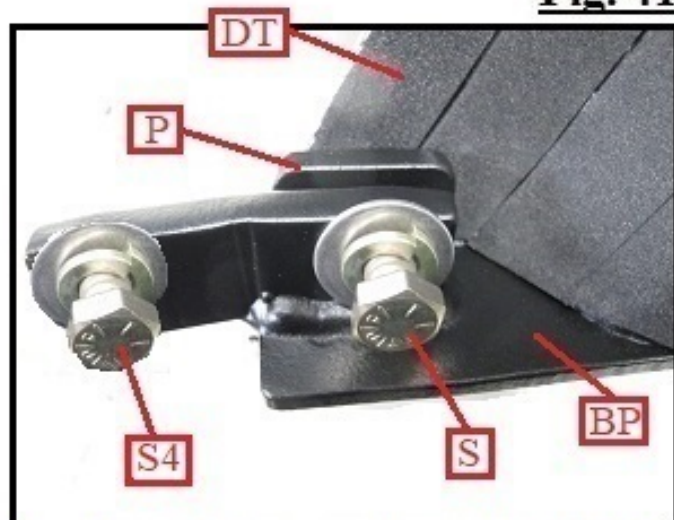
Remove driver side rock rail (R) shown in Fig. 38, by removing 2-M6 nuts (I) using a 10mm wrench and 1- M8 hex head screw (J) using a 13mm socket along 4 attachment points as shown in Fig. 37 and Fig. 38. Place the rock rail on the floor for later reinstallation.

**Fig. 39****Fig. 40**

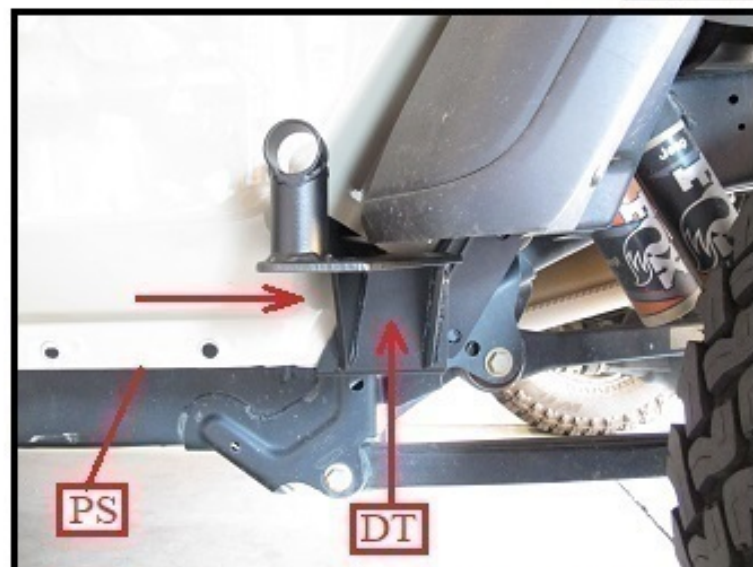
Using denatured alcohol, clean the area of all debris indicated by red arrows outside and underside as shown in Fig. 39. As shown in Fig. 40 and Fig. 42, remove the Driver side Tower assembly (DT) indicated by a stamped mark (D) or (Driver side) label, from your hardware box and slide it up onto the side body as shown.



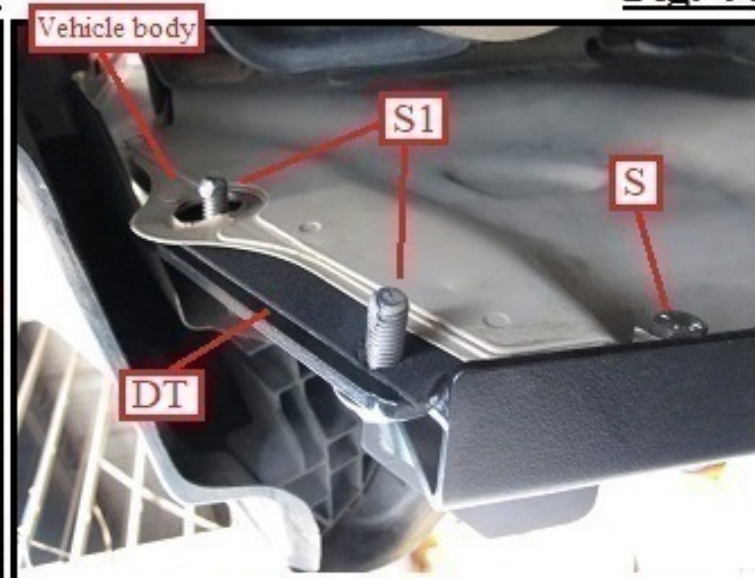
## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 41**

As shown above, make certain that the vehicle pinch seam is positioned in between main driver side tower plate (DT) and pinch plate (P). Remove screw (S4) at this time. Set near by as screw (S4) will be needed shortly.

**Fig. 42**

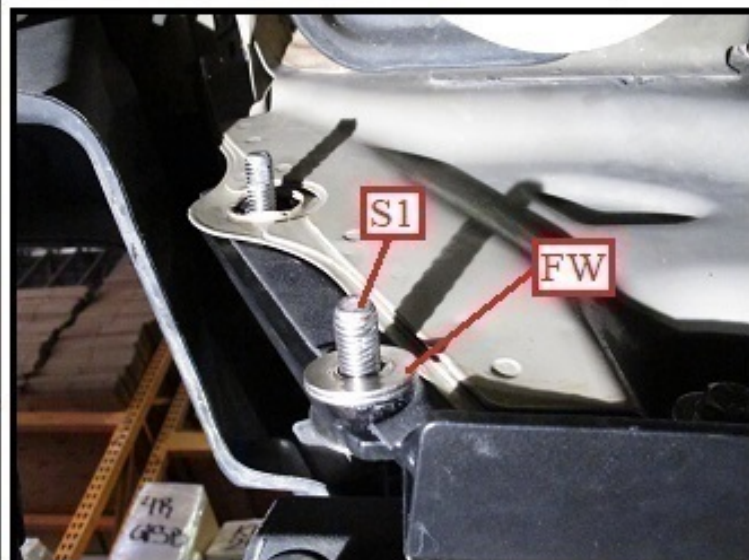
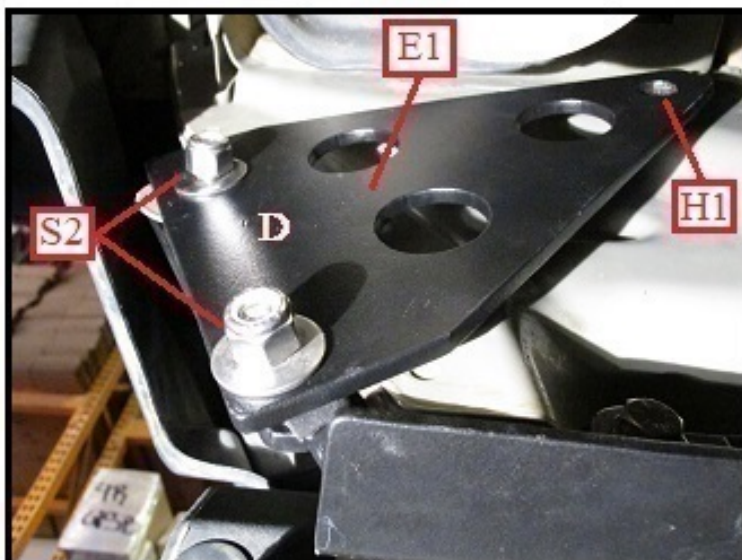
Push tower (DT) as far up as possible and to the rear of the body, shown by red arrows. Base plate (BP) shown in Fig. 41, must be contacting lower body pinch seam (PS) shown in Fig. 42. Keep tower level with body pinch seam and fully tighten clamp screw (S), shown in Fig. 41 and Fig. 44, using a 9/16" socket. This will hold tower in place during the remainder of tower installation.

**Fig. 43****Fig. 44**

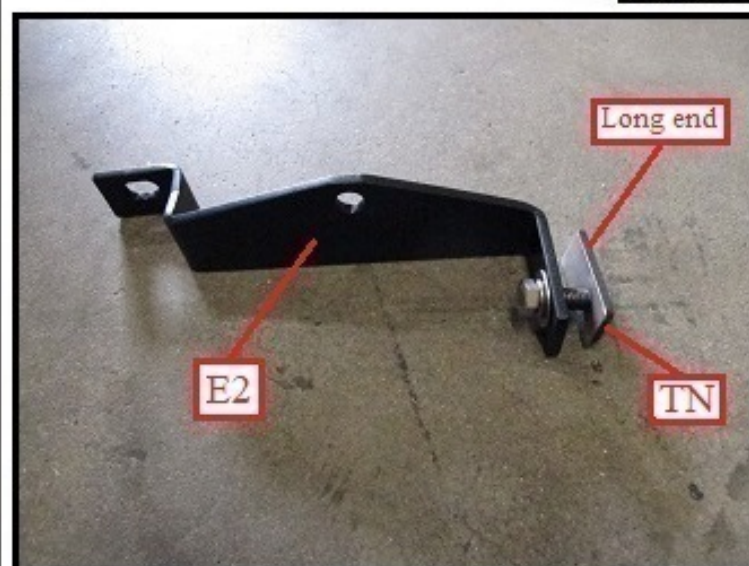
Remove from Bag #3 of your hardware kit, 2- 3/8-16 x 1-1/4" hex head screws, 2- 3/8" lock washers and 2- 3/8" flat washers (S1) and insert them as shown in Fig. 43 and Fig. 44 into mounting holes (H1) of tower (DT) and vehicle body.



## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 45****Fig. 46**

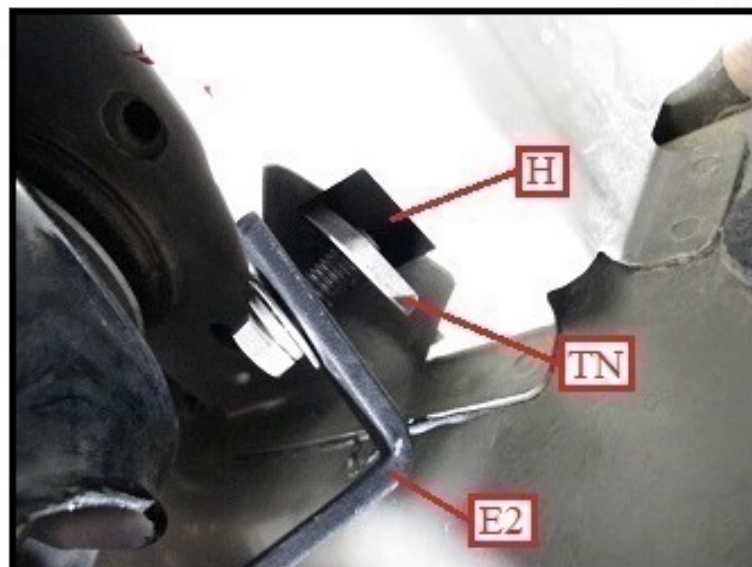
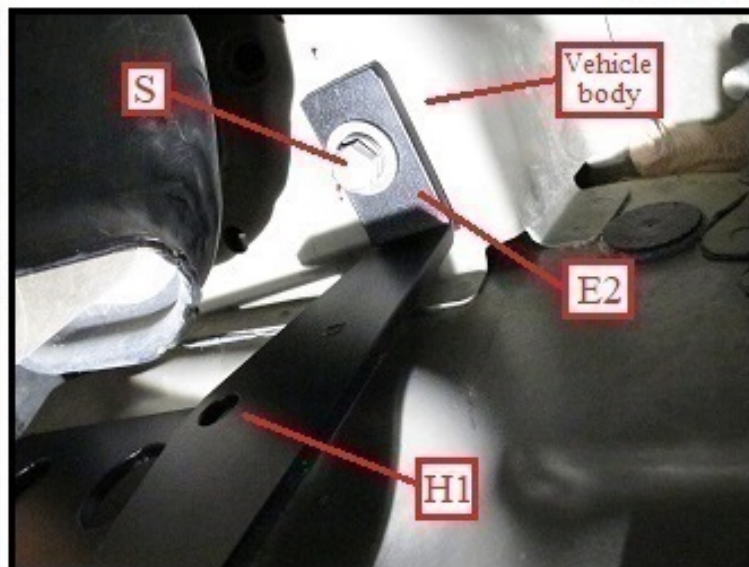
As shown in Fig. 45, add 2- 3/8" flat washers (FW) onto lower screw (S1). Make certain that flat washers (FW) are resting on the tower plate only and not on the body, as shown. Then place driver side support plate (E1) as shown in Fig. 46, with the driver side marking (D) or label facing out. Add 2- 3/8" flat washers and 2- 3/8" nylock nuts (S2). Finger tighten only at this time.

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

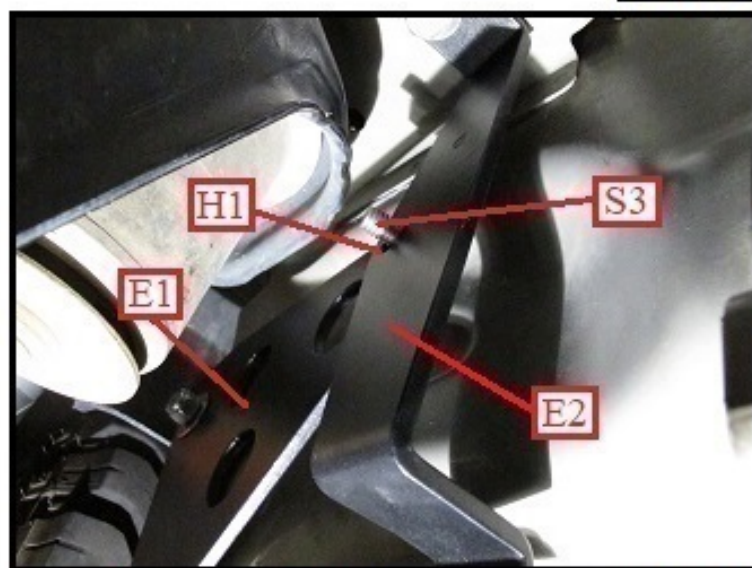
Remove from your hardware kit Driver side support (E2), shown in Fig. 47. As shown in Fig. 48 by a red arrow, turn "T" nut (TN) so that the long end shown in Fig. 47 is facing the open square hole (H) in Fig. 48. Hole (H) is located just above recently installed tower (DT) next to body isolator (I) shown in Fig. 48.



## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 49****Fig. 50**

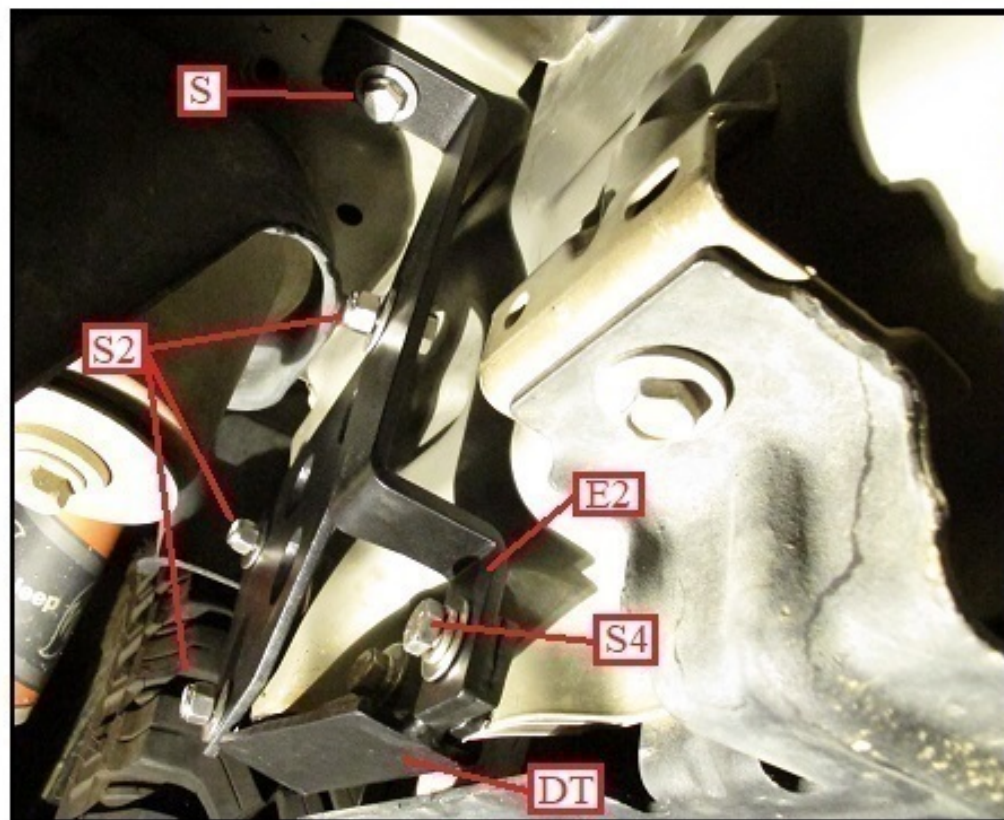
Position driver side support (E2) to allow "T" nut (TN) to fit into square hole (H) as shown in Fig. 49. Slip complete "T" nut (TN) up into square hole and position the top of support (E2) to vehicle body as shown in Fig. 50. Finger tighten screw (S) until support (E2) is fully contacting the body.

**Fig. 51****Fig. 52**

Position support (E2) over support plate (E1) as shown in Fig. 51. Slip 1- 3/8-16 x 1" hex head screw and 1- 3/8" flat washer (S3) into mounting hole (H1) of support plate (E1) and (E2), shown in Fig. 46, 50 and Fig. 51. As shown in Fig. 51 and Fig. 52 thread onto screw (S3), 1- 3/8" flat washer and 1- 3/8" nylock nut (S2). Finger tighten only at this time.



## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 53**

Using screw (S4) removed earlier, shown in Fig. 41. Thread back in place the 3/8-16 x 3/4" hex head screw, 3/8" lock washer and 3/8" flat washer (S4) but through support (E2) shown in Fig. 53. Finger tighten at this time. In the following sequence, fully tighten screw (S) then screw (S4), followed by all three screws (S2).

**Fig. 54**

Fig. 54 shows a properly installed Driver side Gobi Gladiator Tower. Reverse the removal of the rock rails as shown in Fig. 37 and Fig. 38 and re-install rock rails. Apply the same installation procedures to the passenger side. Gobi Gladiator Tower installation completed.



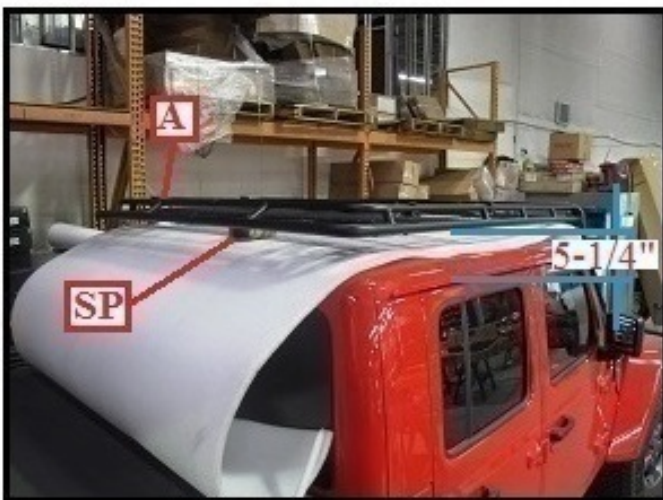
## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 55**

Place a blanket or similar protective cover over the vehicle roof top, then with the help of 2 to 4 persons install the Gobi rack basket (A) onto the roof top as shown in Fig. 55. Align the front of roof rack basket (A) with the back of light bar (B) as shown in Fig. 68.

**Fig. 56**

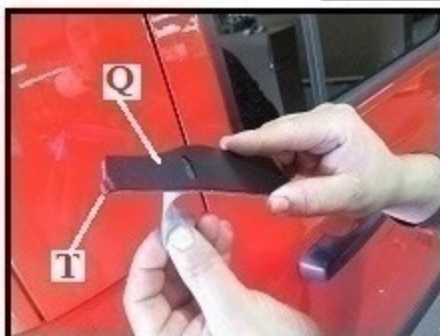
Install on both the driver and passenger side 1- 3/8-16 x 1" carriage screw, 1- 3/8" flat washer and 1- 3/8" nylock nut (N) into each screw hole of the light bar (B) and into the roof rack basket (A) as shown in Fig. 56. Snug down only at this time, leave some play for later adjustment.

**Fig. 57**

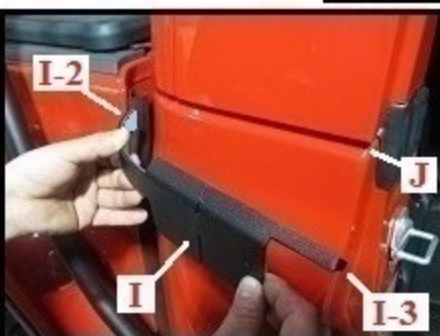
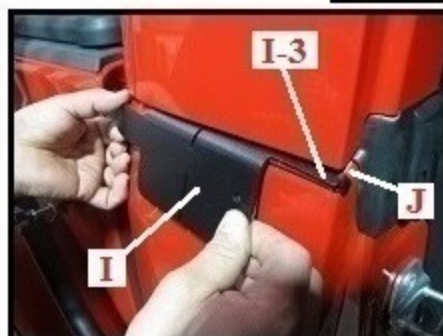
Make certain to place a temporary spacer or spacers (SP) under the rear of the roof rack basket (A). Such as a cardboard box or the like to hold up the basket approximately 5-1/4". Measured from the top of the gutter to the bottom of basket (A) as shown in Fig. 57.



## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 58****Fig. 59****Fig. 60**

Clean the area of the hard top above the gutter shown in Fig. 58 with denatured alcohol. Remove from your hardware kit Bag #4 the passenger side upper isolator wear plate (Q) shown in Fig. 59 and Fig. 60. Peel off the adhesive protective film as shown in Fig. 59 and attach tab end (T) of wear plate (Q) into the hardtop groove (G) as shown in Fig. 60. Press down in place the remaining wear plate even with the inside top of the gutter as shown in Fig. 60. Apply the same procedure to the opposite side.

**Fig. 61****Fig. 62****Fig. 63**

Clean the area below the hardtop on the passenger side body panel shown in Fig. 61 with denatured alcohol. Remove from your hardware box the passenger side main isolator wear plate (I) shown in Fig. 62 and Fig. 63. Shown in Fig. 62 do not peel off the protective adhesive film on the back. Test fit the isolator plate as shown in Fig. 62 and 63. First place your fingers on the left end of the wear plate (I-2) as shown in Fig. 62, this will help keep the wear plate off the body until the right-hand side is set first. Then install the right side shown in Fig. 62 and Fig. 63 so that the bent end (I-3) fits under the hardtop overhang and tightly fitted over the edge of the door jamb (J) as shown in Fig. 63. Press the remaining part of the wear plate down and hold in place to be certain of fit. Refer to Fig. 64.



## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 64****Fig. 65**

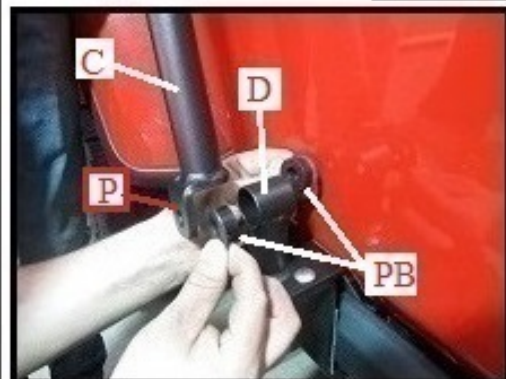
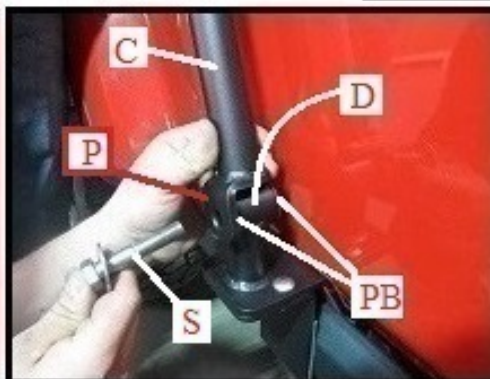
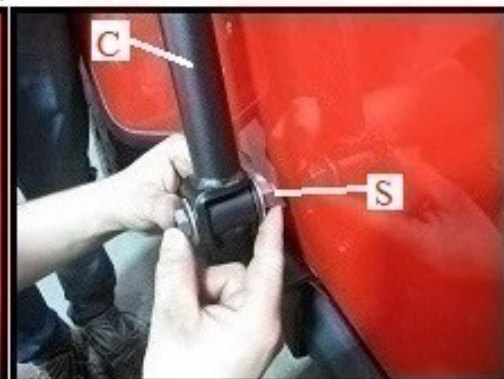
Peel off the protective cover on the back of the passenger side main isolator wear plate (I) shown in Fig. 64. As demonstrated in Figures 62 and 63 install and press in place the adhesive backed isolator wear plate (I) shown in Fig. 65. Apply the same procedure to the driver's side.

**Fig. 66**

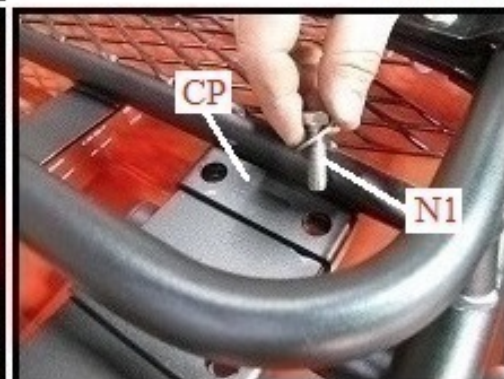
Remove the passenger side rear support bar (C) indicated by a stamped P or D on the top flange (TF) as shown in Fig. 66. Align the bottom of pivot flange (P) with the top of the passenger side tower (D) shown in Fig. 67. Then slide the top of mounting flanges (TF) under the bottom slots of the passenger side basket rear support plate (BP) as shown in Fig. 70.



## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 67****Fig. 68****Fig. 69**

Remove from Bag #3 2- black nylon pivot bushings (PB) and set inside Tower (D) as shown in Fig. 67 and Fig. 68. Remove 1- 1/2-13 x 2-1/2" hex head screw, 1- 1/2" flat washer (S) and push in through pivot flange (P) shown in Fig. 68 and through black nylon bushings (PB) and Tower (D) shown in Fig. 69. Thread on 1- 1/2" flat washer and 1- 1/2" nylock nut (S) and finger tighten only at this time shown in Fig. 69.

**Fig. 70****Fig. 71****Fig. 72**

Align support bar (C) top flanges (TF) as shown in Fig. 70 with basket support plate (BP) mounting slots (SL). Slip one top cover plate (CP) over each set of mounting slots as shown in Fig. 71 and 72. Place 1- 3/8-16 x 1-1/4" hex head screw and 1- 3/8" flat washer (N1) into each of the 4 holes as shown in Fig. 72 and Fig. 73. Thread on from the underside 1- 3/8" flat washer and 1- 3/8" nylock nut (N-2) and snug down only as shown in Fig. 73. Do not fully tighten, leave some play for later adjustment.



## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 73**

As shown in Fig. 72 and Fig. 73 snug down screws (N-1) and (N-2) only at this time using 2- 9/16" open or closed end wrenches. Leave some play for later adjustment.

**Fig. 74**

Adjust rear support bar (C) as shown in Fig. 74 to measure approximately 3-3/8" from rear door parting line just below the roof top gutter.

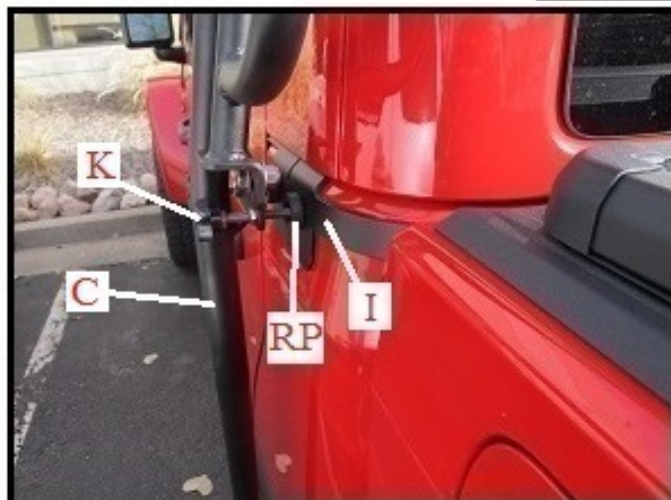
**Fig. 75**

Make certain to keep rear support bar (C) in line with roof rack rear top rail (A-1) as shown in Fig. 75 then fully tighten all 4 screws (N-1) in place using 2- 9/16" open or closed end wrenches. Move to the bottom of rear support bar (C) as shown in Fig. 76 and fully tighten pivot screw (S) using 2- 3/4" open or closed end wrenches. Apply the same procedure to the opposite side.

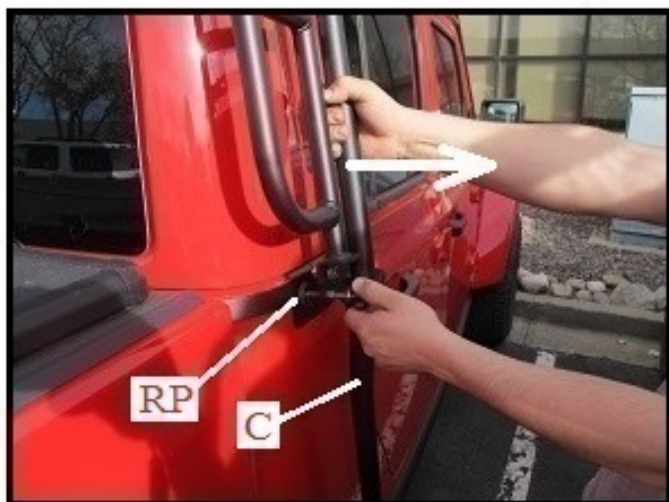
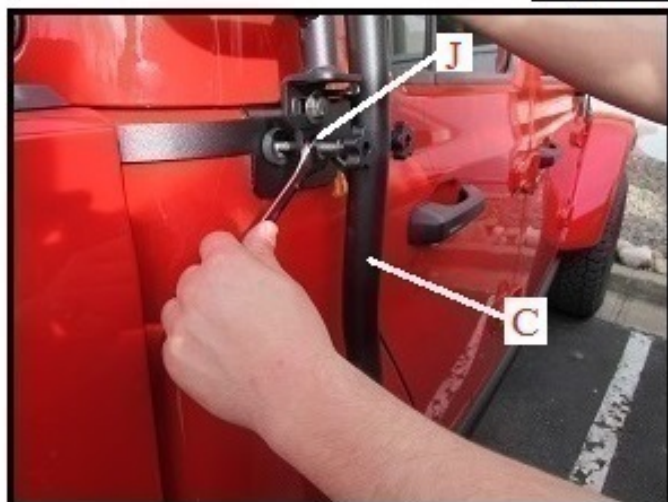
**Fig. 76**



## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 77****Fig. 78**

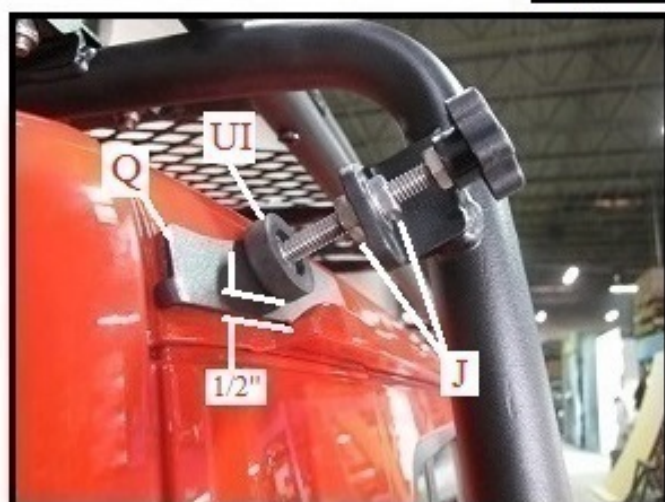
After the rear support bars (C) have been fully installed and tightened as shown in Fig. 73 thru 76. You will notice that the rear isolator screw rubber pads (RP) are not contacting the isolator wear plates (I) shown in Fig. 77. Turn each isolator screw clockwise using the plastic star knobs (K) until the rubber pads (RP) contact the isolator wear plates (I) both passenger and driver sides. You may need to loosen jam nut (J) shown in Fig. 77 to turn the isolator screw clockwise. Do not apply serious pressure to the isolator screws at this time.

**Fig. 79****Fig. 80**

Pull out on the rear passenger support bar (C) in the direction of the white arrow each time you are turning the isolator screw pad (RP) inward or clockwise. Pulling out on the rear support bar during each turn makes it possible to easily add pressure to each isolator screw. Turn each isolator screw clockwise at least 3 to 4 full turns both the passenger and driver sides. This will apply pressure to the roof rack support, preventing wobble and sway. After both isolator screws have been properly tightened use a 1/2" open end wrench and tighten each jam nut (J) as shown in Fig. 80 approximately 1/2 turn. This will prevent the isolators from coming loose during transport.



## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 81****Fig. 82**

After both the passenger and driver side upper isolator plates (Q) shown in Fig. 81 have been installed. Adjust both the upper isolator screws passenger and driver sides (UI) so that they contact each isolator plate as shown in Fig. 82 and Fig. 83. Adjust each isolator screw by sliding the screw up or down so that the rubber pad is approximately 1/2" above the gutter as shown in Fig. 82. Apply pressure to the isolator screw of at least 1 full clockwise knob turn.

**Fig. 83****Fig. 84****Fig. 85**

After all adjustments have been made, fully tighten both isolator screws passenger and driver sides by using two 1/2" open end wrenches as shown in Fig. 83. This will secure both jam nuts (J) shown in Fig. 82 from coming loose during transit. The purpose of the upper isolator screws (UI) is to prevent upper rack sway when heavy cargo is present. Figure 84 shows a correctly installed upper isolator screw.

As shown in Fig. 85 lift up roof rack (A) indicated by the red arrow as much as possible. Then fully tighten all 4- 3/8-16 x 1" carriage screws (S2) using a 9/16" box end wrench both passenger and driver sides. Check all screws to make certain they are properly tightened and secured. Complete the wind deflector install as shown on the instructions attached to wind deflector.



## GOBI JEEP JL MOJAVE GLADIATOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS



### GOBI ROOF RACK INSTALLATION COMPLETED

**CAUTION:** \* DO NOT REST THE GOBI ROOF RACK ON THE VEHICLE AS DAMAGE CAN RESULT

\* EXCESSIVE SPEEDS OVER ROUGH TERRAIN WITH OR WITHOUT A FULLY LOADED ROOF RACK ARE NOT RECOMMENDED AS DAMAGE CAN OCCUR TO ROOF RACK OR VEHICLE

#### Recommended Attachments:

A) "SUN ROOF INSERT" part #GJLSRI

To purchase these or other Gobi attachments please contact a Gobi online dealer or Gobi Racks direct at 1-720-479-9372 or e-mail to [sales@gobiracks.com](mailto:sales@gobiracks.com) Thank you for your purchase



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