

## **GOBI JEEP JL 4XE 4 DOOR 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- 8mm socket with 6" extension (bumper end cap)
- 1- 15mm socket 3/8" drive (rear mud guard bracket)
- 1- 16mm socket 3/8" drive (inside door hinge bolt)
- 1- 13mm box or open end wrench (windshield hinge bolt)
- 1- 3/4" socket and 3/4" box end or adjustable wrench (rear support bars)
- 1- 9/16" socket 3/8" drive with 10" extension
- 1- 1/2" box or open end wrench (rear lower and upper isolators)
- 1- 9/16" box or open end wrench (front roof rack screws and support towers)
- 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 bracket)

## **CAUTION**

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

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

## GOBI JEEP JL 4XE 4 DOOR 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 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




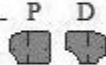

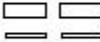
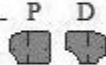

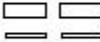
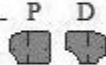

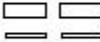
**NOTE: PAY SPECIAL ATTENTION TO RED HIGHLIGHTED INSTRUCTIONS**

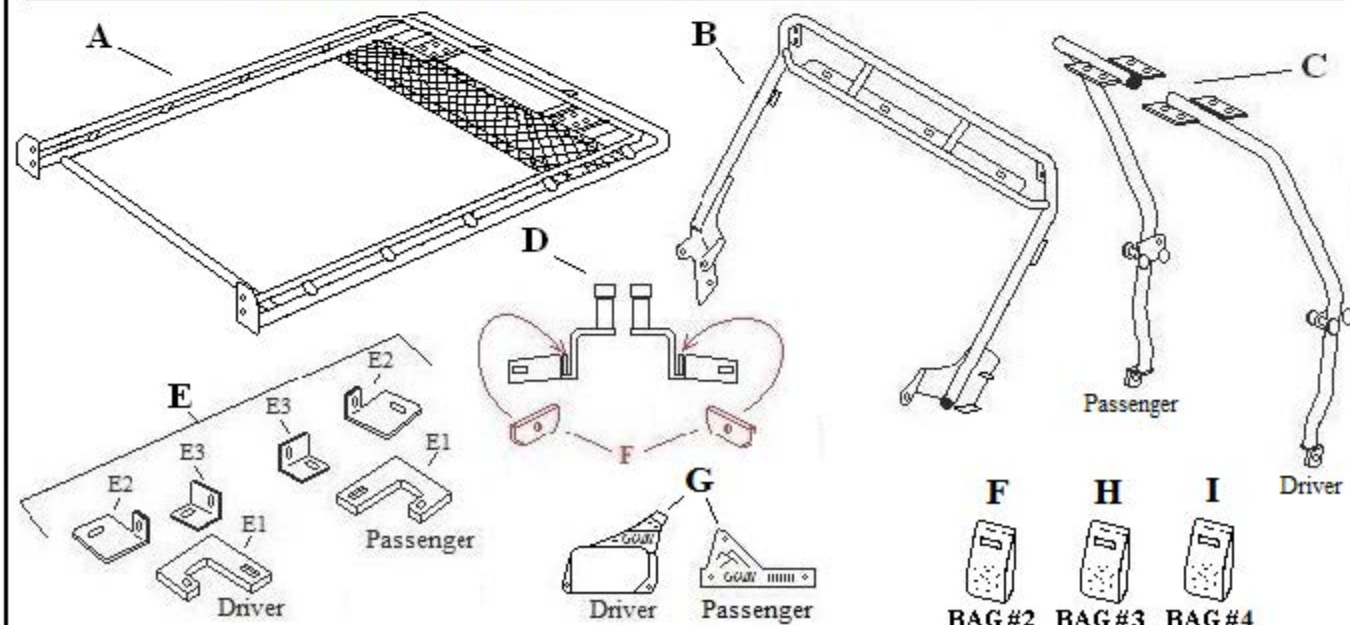


# GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK

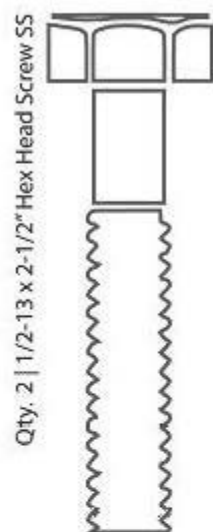
## INSTALLATION INSTRUCTIONS

### Included in kit

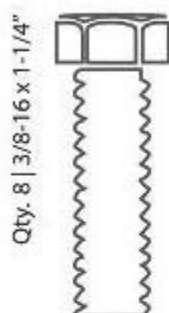
Letter	Description	Location	Quantity																				
A	GOBI JEEP JL45 4xe DV8 HARD TOP SLANT BACK ROOF RACK BASKET	Main box	1																				
B	GOBI JEEP JL 45 FRONT LIGHT BAR HOOP	Strapped to Rack	1																				
C	GOBI JEEP JL 45 REAR RACK SUPPORTS PASSENGER & DRIVER	Strapped to Rack	1 ea.																				
D	REAR RACK SUPPORT TOWERS PASSENGER AND DRIVER	Hardware Box	1 ea.																				
E	REAR TOWER SUPPORT PLATES PASSENGER AND DRIVER	Hardware Box	1 ea.																				
F	GOBI HINGE BRACKETS & LIGHT BAR CLAMPS PASSENGER & DRIVER	BAG #2	1 ea.																				
G	GOBI LIGHT BAR COVER PLATES PASSENGER AND DRIVER	Box/tied to rack	1 ea.																				
H	<p>GOBI RACK MOUNTING HARDWARE</p> <p><u>CONTENTS:</u></p> <table><tr><td>4- Black nylon shoulder washers</td><td>9- 5/16-18 x 3/4" Button head screw SS</td></tr><tr><td>4- 1/2" Flat washer SS</td><td>2- 5/16-18 x 1" Button head screw SS</td></tr><tr><td>2- 1/2-13 x 2-1/2" hex head screw SS</td><td>4- M8 x 40mm Button head screw SS</td></tr><tr><td>2- 1/2" Nylock nuts SS</td><td>4- Black aluminum spacers (Bag #3a)</td></tr><tr><td>8- 3/8-16 x 1-1/4" hex head screw SS</td><td>16- 5/16" Flat washers SS</td></tr><tr><td>28- 3/8" Flat washer SS</td><td>5- 5/16" Nylock nuts SS</td></tr><tr><td>20- 3/8" Nylock nuts SS</td><td>4- 5/16 Thick flat washers</td></tr><tr><td>4-3/8-16 x 1" Carriage screws SS</td><td>10- 5/16" Lock washers SS</td></tr><tr><td>8-3/8-16 x 1-1/4" Carriage screws SS</td><td>4- Rear support bar position plates - </td></tr><tr><td></td><td>1- Anti-seize lubricant</td></tr></table>	4- Black nylon shoulder washers	9- 5/16-18 x 3/4" Button head screw SS	4- 1/2" Flat washer SS	2- 5/16-18 x 1" Button head screw SS	2- 1/2-13 x 2-1/2" hex head screw SS	4- M8 x 40mm Button head screw SS	2- 1/2" Nylock nuts SS	4- Black aluminum spacers (Bag #3a)	8- 3/8-16 x 1-1/4" hex head screw SS	16- 5/16" Flat washers SS	28- 3/8" Flat washer SS	5- 5/16" Nylock nuts SS	20- 3/8" Nylock nuts SS	4- 5/16 Thick flat washers	4-3/8-16 x 1" Carriage screws SS	10- 5/16" Lock washers SS	8-3/8-16 x 1-1/4" Carriage screws SS	4- Rear support bar position plates - 		1- Anti-seize lubricant	BAG #3 Hardware Box	1
4- Black nylon shoulder washers	9- 5/16-18 x 3/4" Button head screw SS																						
4- 1/2" Flat washer SS	2- 5/16-18 x 1" Button head screw SS																						
2- 1/2-13 x 2-1/2" hex head screw SS	4- M8 x 40mm Button head screw SS																						
2- 1/2" Nylock nuts SS	4- Black aluminum spacers (Bag #3a)																						
8- 3/8-16 x 1-1/4" hex head screw SS	16- 5/16" Flat washers SS																						
28- 3/8" Flat washer SS	5- 5/16" Nylock nuts SS																						
20- 3/8" Nylock nuts SS	4- 5/16 Thick flat washers																						
4-3/8-16 x 1" Carriage screws SS	10- 5/16" Lock washers SS																						
8-3/8-16 x 1-1/4" Carriage screws SS	4- Rear support bar position plates - 																						
	1- Anti-seize lubricant																						
I	<p>GOBI VEHICLE BODY WEAR PLATES</p> <table><tr><td>2- Black rectangular adhesive backed isolator wear plates Passenger &amp; Driver</td><td rowspan="2"></td></tr><tr><td>2- Black rectangular adhesive backed light bar hoop wear plates, Passenger &amp; Driver</td></tr><tr><td>2- Black hardtop isolator wear plates passenger &amp; Driver (place on vehicle hardtop under upper isolatorxs)</td><td rowspan="2"></td></tr><tr><td>2- Clear wear tape 2" x 7" with white backing</td></tr><tr><td>2- Clear wear tape 1/2" x 7" with white backing</td><td></td></tr></table>	2- Black rectangular adhesive backed isolator wear plates Passenger & Driver		2- Black rectangular adhesive backed light bar hoop wear plates, Passenger & Driver	2- Black hardtop isolator wear plates passenger & Driver (place on vehicle hardtop under upper isolatorxs)		2- Clear wear tape 2" x 7" with white backing	2- Clear wear tape 1/2" x 7" with white backing		BAG #4 Hardware Box	1												
2- Black rectangular adhesive backed isolator wear plates Passenger & Driver																							
2- Black rectangular adhesive backed light bar hoop wear plates, Passenger & Driver																							
2- Black hardtop isolator wear plates passenger & Driver (place on vehicle hardtop under upper isolatorxs)																							
2- Clear wear tape 2" x 7" with white backing																							
2- Clear wear tape 1/2" x 7" with white backing																							



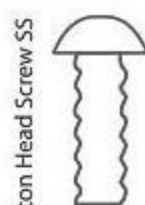
## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS



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



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



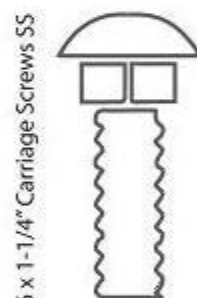
Qty. 9 | 5/16-8 x 3/4" Button Head Screw SS



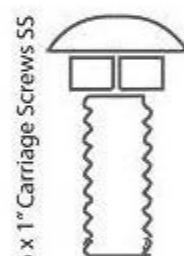
Qty. 2 | 5/16-8 x 1" Button Head Screw SS



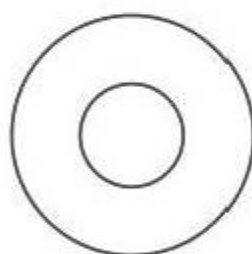
Qty. 4 | M8 x 40mm Button Head Screw SS



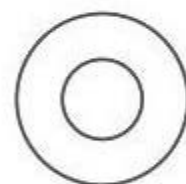
Qty. 8 | 3/8-16 x 1-1/4" Carriage Screws SS



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



Qty. 4 | 1/2" Flat Washer SS



Qty. 28 | 3/8" Flat Washer SS



Qty. 4 | Black Aluminum Spacer



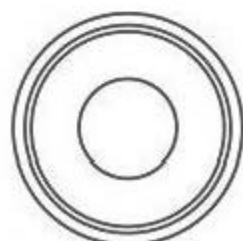
Qty. 16 | 5/16" Flat Washer SS



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



Qty. 10 | 5/16" Lock Washer SS



Qty. 4 | Black Nylon Shoulder Washer



Qty. 2 | 1/2" Nylock Nuts SS



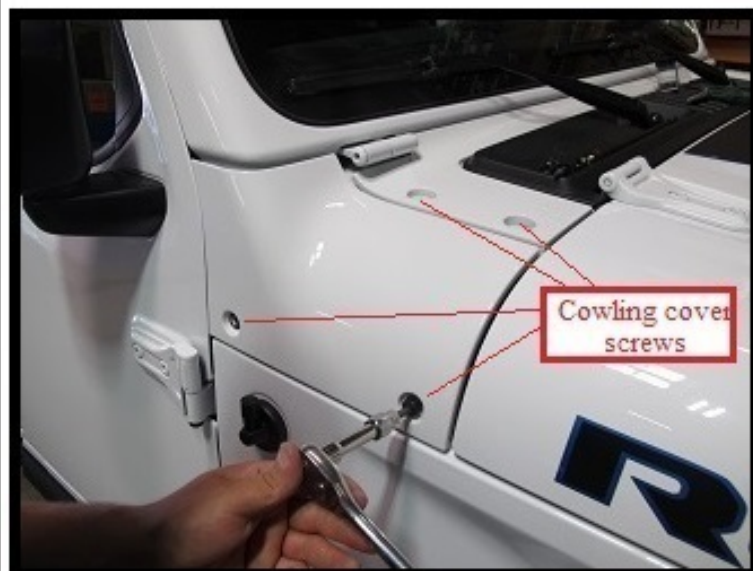
Qty. 20 | 3/8" Nylock Nuts SS



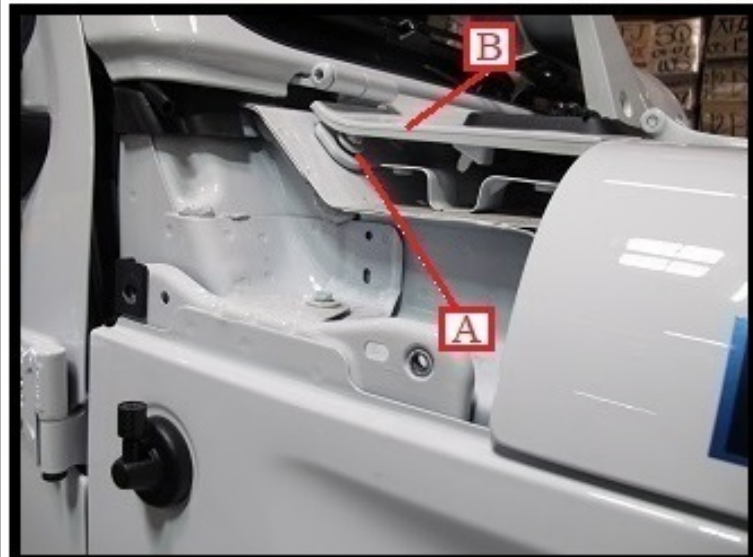
Qty. 5 | 5/16" Nylock Nuts SS



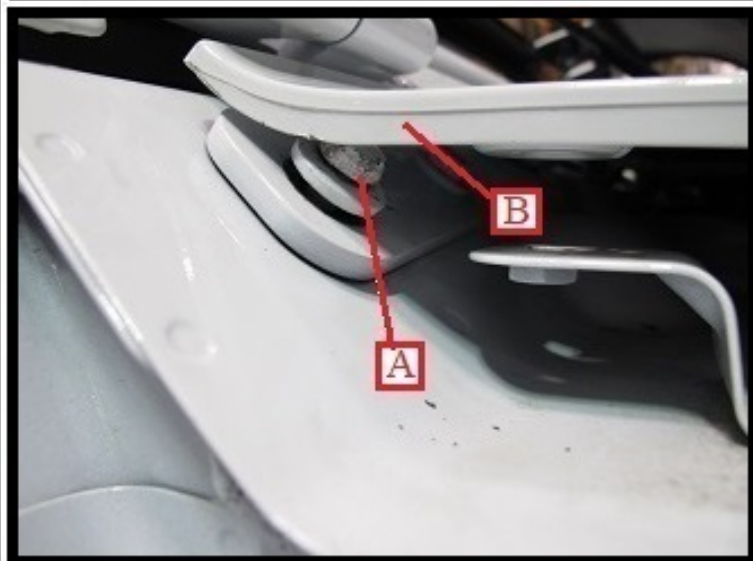
## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**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**

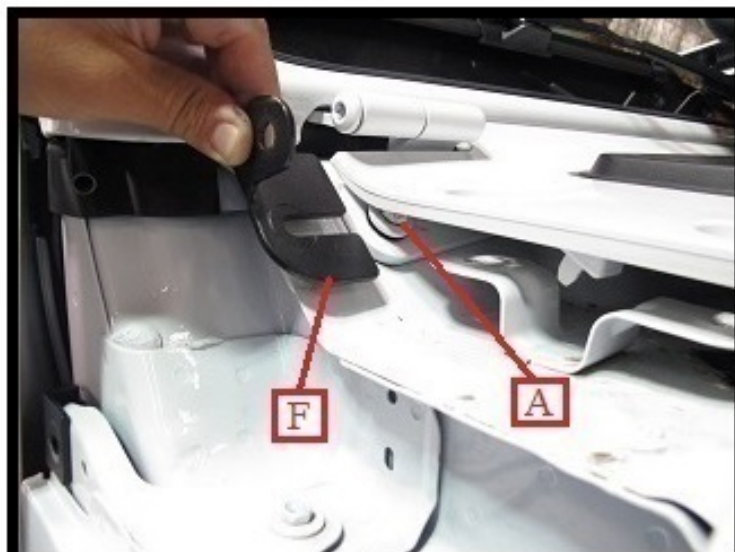
While lifting slightly on cowling (B) to expose hinge screw (A) slide a 13mm box end wrench over the outside hinge screw (A) and loosen. Do not remove the hinge screw only loosen as shown in Fig. 3.

**Fig. 3**

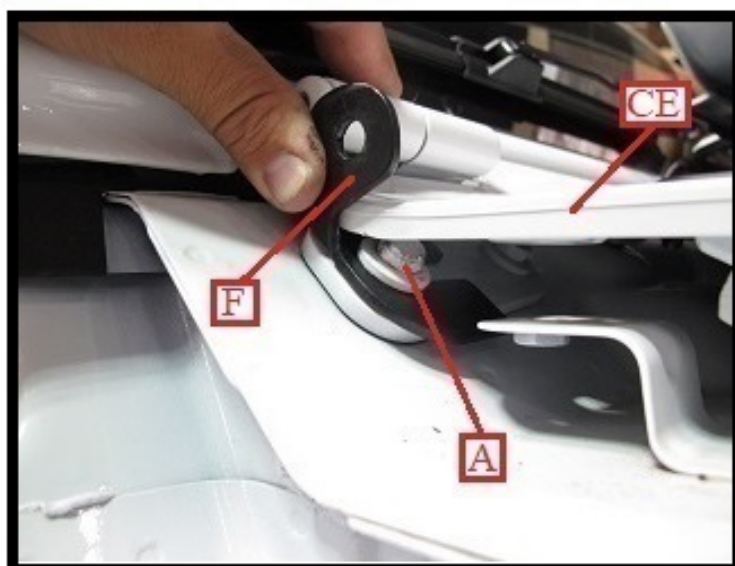
Loosen hinge screw (A) enough to slide hinge bracket (F) located in Bag #2 of your hardware kit under screw washer (A).



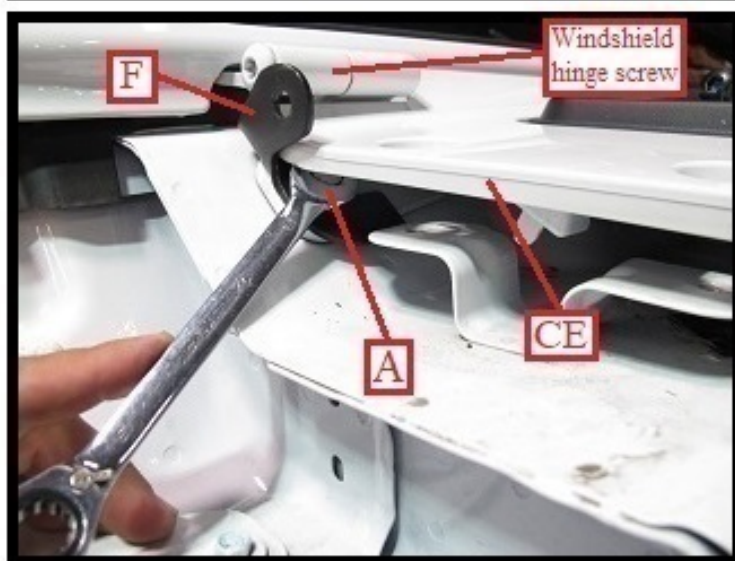
## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 4**

Slide the passenger side hinge bracket (F) marked with a stamped letter (P) or label (indicating Passenger 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. **Re-install cowling cover as shown in Fig. 1, but only install the top two screws, leave the bottom two screws out.**



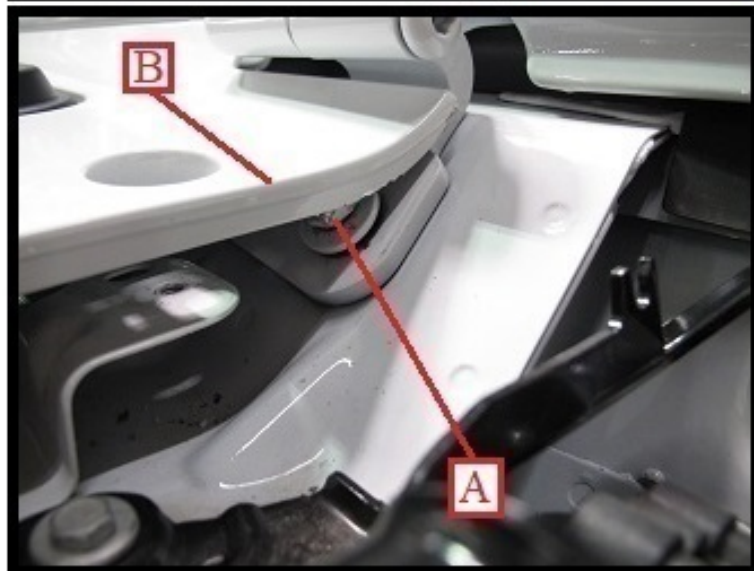
## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 7**

Use a #40 Torx bit and remove the 4 outside driver side cowling cover screws as shown in Fig 7.

**Fig. 8**

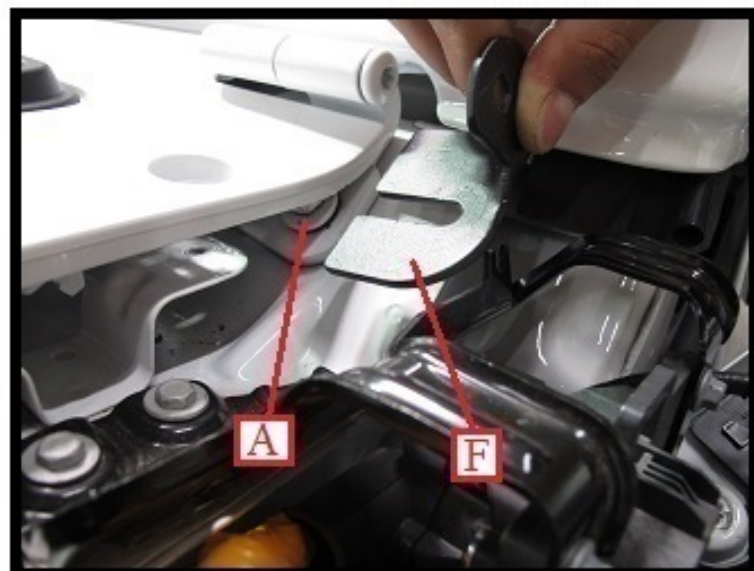
Pull the cowling cover away from the side body as shown but take care not to pull the wire harness (WH) aggressively. Have a helper hold the cowling in hand during the installation process or hang gently to the side.

**Fig. 9**

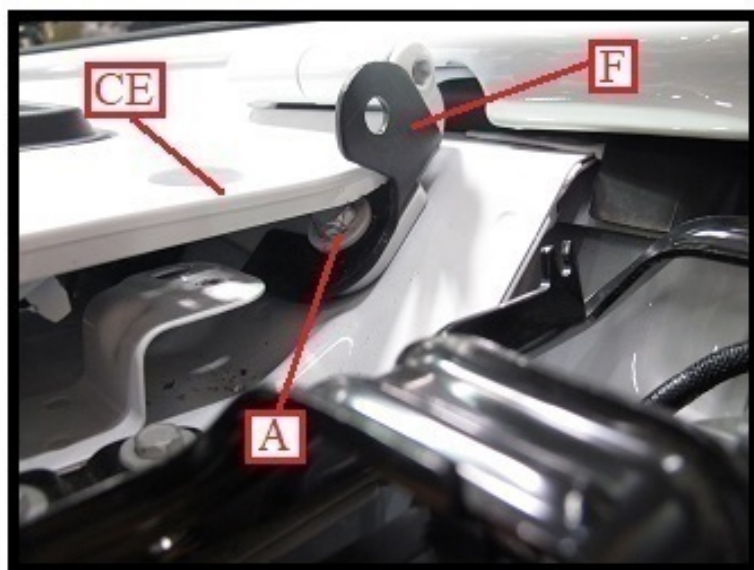
While lifting slightly on cowling (B) to expose hinge screw (A) slide a 13mm box end wrench over hinge screw (A) and loosen. Do not remove the hinge screw only loosen as shown in Fig. 3a.



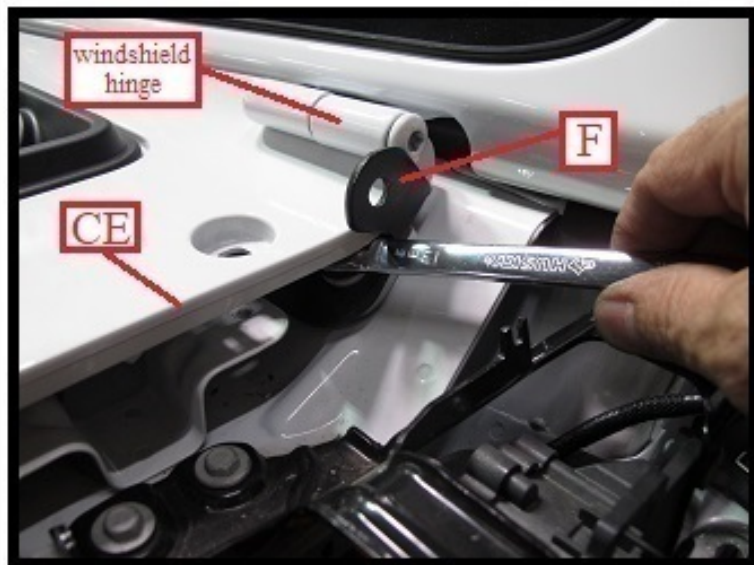
## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 10**

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. 10.

**Fig. 11**

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. 11.

**Fig. 12**

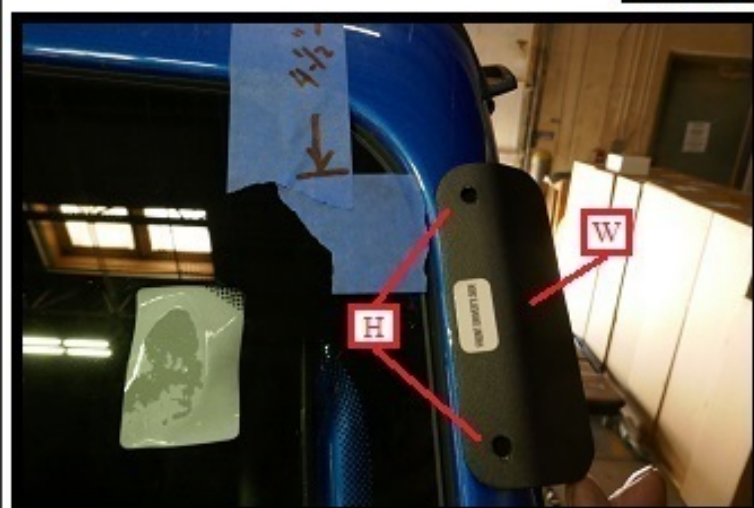
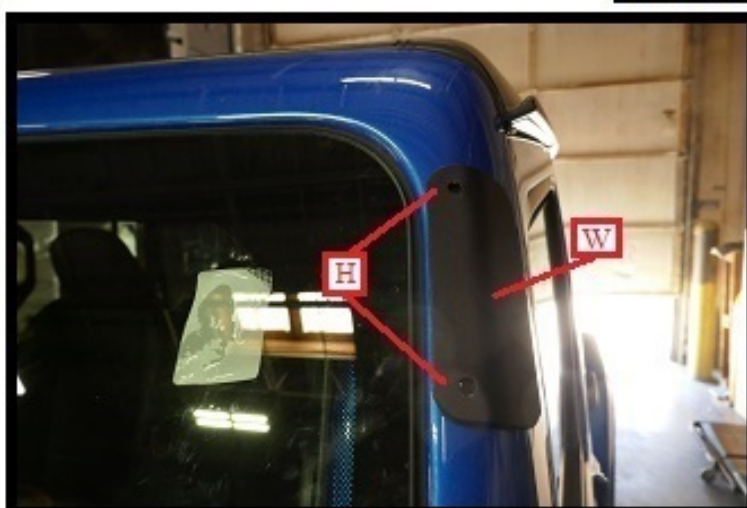
Line up hinge bracket (F) with cowling edge (CE) and exposed windshield hinge. Then fully tighten hinge screw (A) shown in Fig. 11, using a 13mm box end wrench. **Re-install cowling cover as shown in Fig. 7 but install only the top two screws. Leave the bottom two screws out.**



## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 13****Fig. 14**

As shown in Fig. 13 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, allow to dry for 30 seconds. As shown in Fig. 14, 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. 15 facing holes (H) towards windshield and edge of plate (W) along the windshield frame edge as shown.

**Fig. 15****Fig. 16**

As shown in Fig. 15 after you have practiced fit wear plate (W) in place. Peel off the red backing protective cover and adhere wear plate (W) in place as shown in Fig. 16. Apply the same procedure to the passenger side.



## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

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

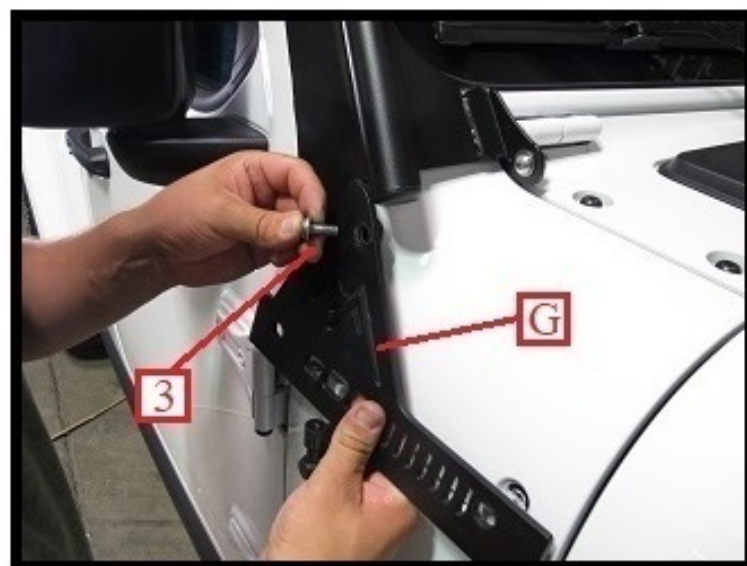
Install the Gobi light bar (B) passenger side first. Make certain to place a black aluminum spacer (1) located in Bag #3 of your hardware kit, into the cowl recess hole shown in Fig. 18.

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

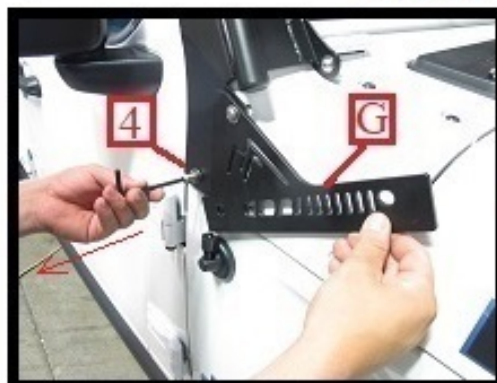
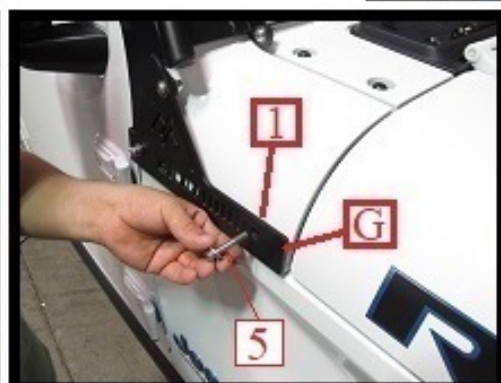
Remove 1- M8 x 40mm button head Allen screw, 1-5/16" lock washer and 1-5/16" "thick" flat washer (S) located in Bag #3 of your hardware kit. Thread screw, lock washer and thick flat washer into light bar, black aluminum spacer (1) then into vehicle body as shown in Fig. 19. Finger tighten only at this time. As shown in Fig. 20 and exploded view 20c, pull light bar (B) up or down, in or out to line up light bar flange (R) with hinge bracket hole (F). Insert 1- 5/16-18 x 3/4" button head screw and 1- 5/16" flat washer into both flange (R) and hinge bracket (F). Thread on 1- 5/16" flat washer and 1- 5/16" nylock nut and snug down in place. Leave some play for later adjustment.



## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 21**

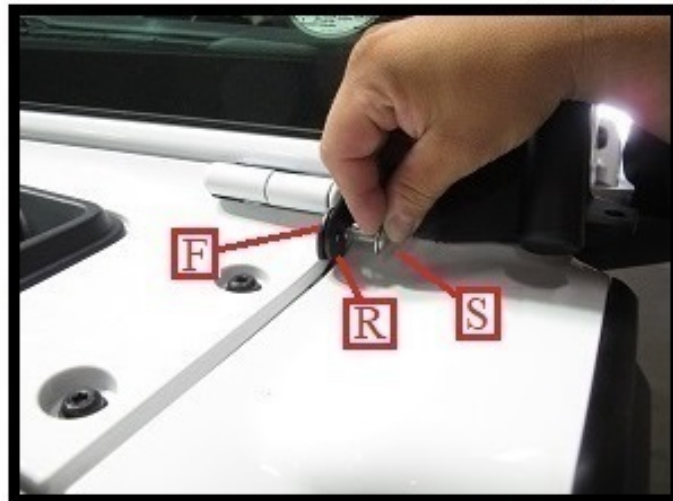
Remove the passenger side light bar cover plate (G) from your hardware box. Install the passenger side cover plate (G) onto the light bar as shown in Fig. 21 using 1-5/16-18 x 3/4" Allen head screw and 1-5/16" flat washer (3). Use another 5/16" flat washer and 5/16" nylock nut to secure in place. Snug down only at this time. Leave some play for later adjustments.

**Fig. 22****Fig. 23****Fig. 24**

Remove the lower light bar M8 x 40mm mounting screw (4) as shown in Fig. 22. Then slide cover plate (G) over the top of lower light bar and line up holes as shown in Fig. 23. Thread back mounting screw (4) into cover plate (G) and lower light bar and leave finger tight only. Remove 1- black aluminum spacer (1) from Bag #3 and slip behind cover plate (G) as shown in Fig. 24 in the second cowling recess hole. Thread another M8 x 40mm Allen head screw, 1-5/16" lock washer and 1- 5/16" thick flat washer (5) located in Bag #3 into cover plate (G) and snug down only at this time. Leave some play for later adjustment.



## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

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

As shown in Fig. 25, pull the driver's side of light bar (B) over the driver side hinge bracket (F) shown by a red arrow. Line up flange (R) of light bar (B) with hinge bracket hole (F) shown in Fig. 25 and Fig. 26. Insert 1- 5/16-18 x 3/4" button head Allen screw along with 1- 5/16" flat washer (S) located in Bag #3, into both flange (R) and hinge bracket (F) holes shown in Fig. 26.

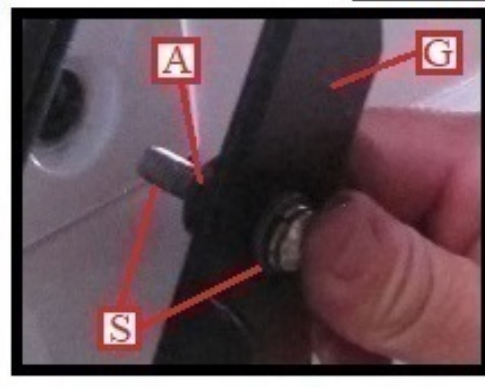
**Fig. 27****Fig. 28**

As shown in Fig. 27 and Fig. 28 thread on 1- 5/16" flat washer and 1- 5/16" nylock nut onto the threaded end of screw (S). Use a 3/16" Allen wrench and 1/2" open end wrench and snug down screws. Do not fully tighten, leave some play for later adjustment.

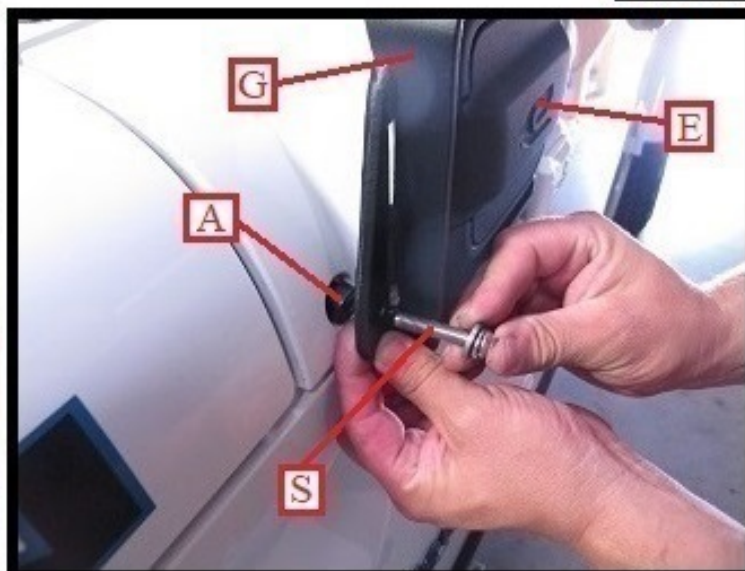


## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK

### INSTALLATION INSTRUCTIONS

**Fig. 29****Fig. 30****Fig. 31**

As shown in Fig. 29 and Fig. 32 remove the driver side light bar cover plate (G) from your hardware kit. Remove 1- M8 x 40mm Allen head screw, 1- 5/16" lock washer, 1-5/16" "thick" flat washer (S) and insert into cover plate lower right hand side mounting hole as shown in Fig. 29 and Fig. 31. Add 1- Black Aluminum spacer (A) behind cover plate (G) and over M8 x 40mm screw (S) shown in Fig. 31. Shown in Fig. 29 and Fig. 32, slide cover plate (G) over the Jeep JL electrical access door (E). Position the upper slotted section of plate (G) under the light bar lower plate (L) shown in Fig. 30. At the same time position the upper section (G1) of plate (G) over the light bar mounting plate (U) shown in Fig. 29 and Fig. 30. Shown in Fig. 29, Fig. 31 and Fig. 32 thread the M8 x 40mm screw (S) into the vehicle body. Do not fully tighten, leave some play for later adjustment.

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

As shown in Fig. 33, thread 1- M8 x 40mm button head screw, 1-5/16" lock washer and 1- 5/16" "thick" flat washer (S) and thread through mounting plate (G). Add 1- black aluminum spacer (A) behind mounting plate (G) into the second vehicle cowling recess hole then thread entire assembly into vehicle body using a 5mm Allen wrench located in Bag #3 of your hardware kit. Snug screw down only, leave some play for later adjustment.

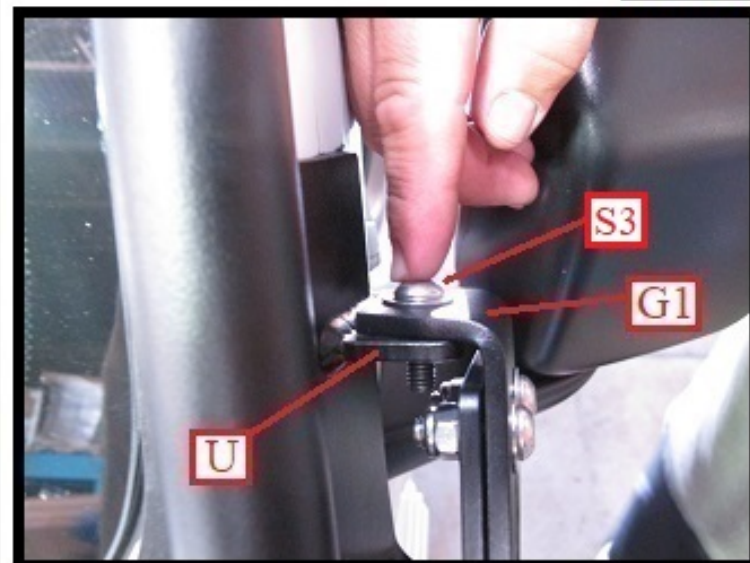


## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK

### INSTALLATION INSTRUCTIONS

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

Remove from Bag #3, 1- 5/16-18 x 1" button head Allen screw and 1- 5/16" flat washer (S2) and insert into mounting hole (L) as shown in Fig. 34. Shown in Fig. 35, thread onto the bottom of screw (S2), 1- 5/16" flat washer and 1- 5/16" nylock nut. Use a 1/2" ratchet and a 3/16" Allen wrench supplied in Bag #3 to snug screw (S2) in place. Leave some play for later adjustment.

**Fig. 36****Fig. 37**

As shown in Fig. 36 remove from Bag #3, 1- 5/16-18 x 1" button head Allen screw and 1- 5/16" flat washer (S3) and insert down into top plate (G1) and into upper light bar mount flange (U). Thread on 1- 5/16" flat washer and 1- 5/16" nylock nut to the end of screw (S3) previously installed. As shown in Fig. 37, use a 3/16" Allen wrench and a 1/2" open or closed end wrench and snug down screws only. Leave some play for later adjustment.



## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 38**

As was shown in Fig. 34 and Fig. 35 and partially in Fig. 38, fully tighten screws (S2) using a 3/16" Allen wrench located in hardware Bag #3 and a 1/2" ratchet with short extension.

**Fig. 39**

With the help of a friend pull back on light bar (B) shown by the yellow arrow in Fig. 39. As shown in Fig. 38 and Fig. 40, align top plate (G1) with main plate (G). Then fully tighten all 3 screws (S4) using a 3/16" Allen wrench and 1/2" box or open-end wrench.

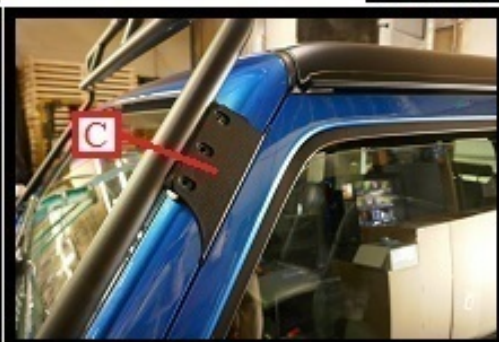
**Fig. 40****Fig. 41****Fig. 42**

Fully tighten screws (S3) on plate (G1) as shown in Fig. 41 and Fig. 37. Then fully tighten screw (S1) on the lower light bar flange (F) as shown in Fig. 40. Use a 3/16" Allen wrench and 1/2" open or boxed end wrench to fully tighten. Continue to fully tighten both screws (S) shown in Fig. 42 using a 5mm Allen wrench. Light bar can now be released.

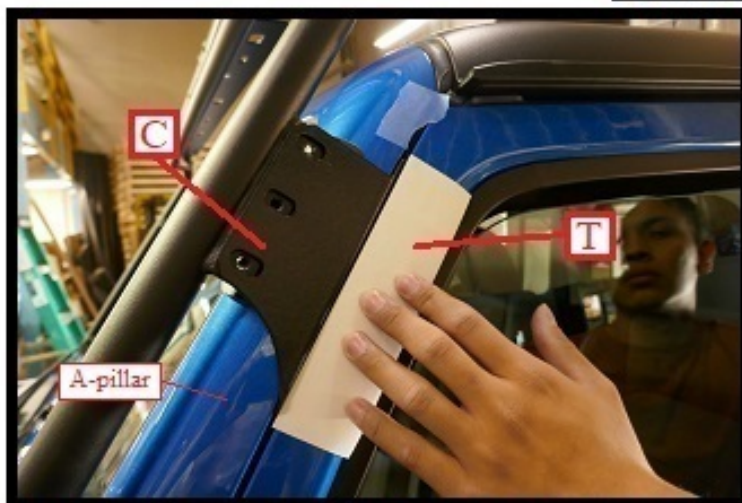
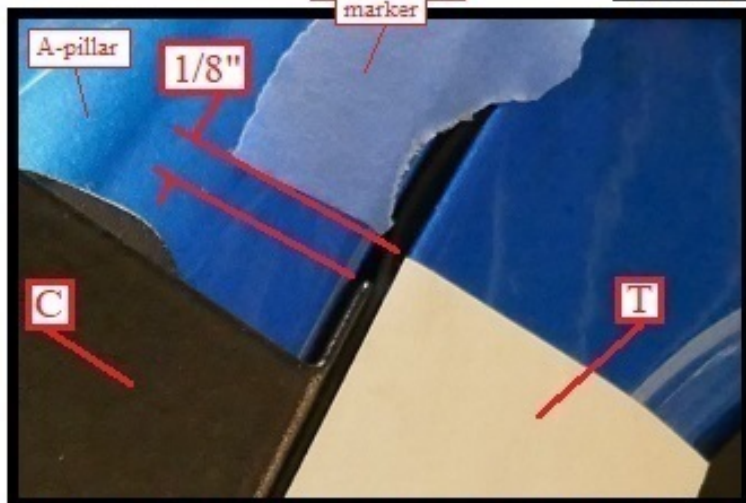


## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK

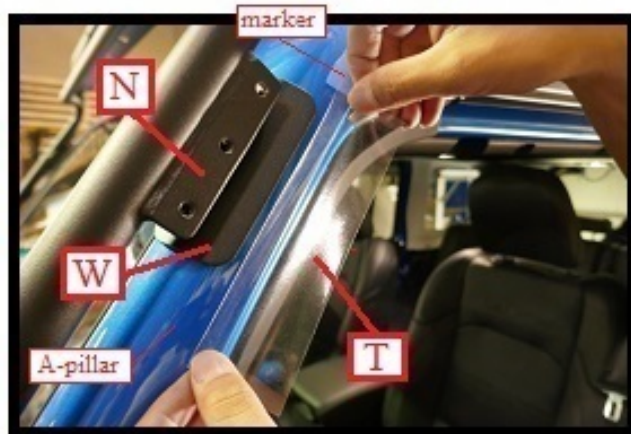
### INSTALLATION INSTRUCTIONS

**Fig. 43****Fig. 44****Fig. 45**

As shown in Fig. 43, 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. 44, remove the driver side clamp plate (C) from Bag #2. As shown in Fig. 44 and Fig. 45, 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. 45 and close door tightly to hold clamp plate (C) in door jamb.

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

As shown in Fig. 46, remove one 2" x 7" clear wear tape strip (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. 46 and a close up view in Fig. 47. As shown in Fig. 47, 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 tape position. Open door and remove clamp plate (C) and hold close by for re-installation.

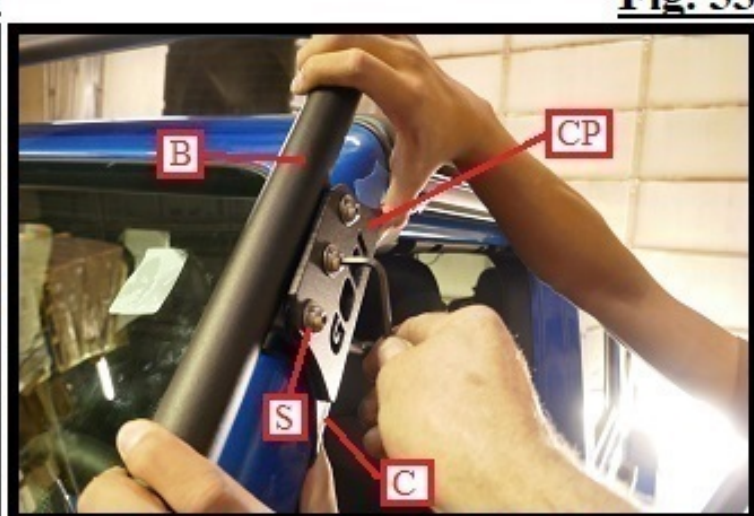
**Fig. 48**

As shown in Fig. 48, 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. 47. 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 4XE 4 DOOR HEAVY DUTY ROOF RACK****INSTALLATION INSTRUCTIONS****Fig. 49****Fig. 50****Fig. 51**

As shown in Fig. 49, open the side door and re-install clamp (C) as shown back in Fig. 45. As shown in Fig. 50 and Fig. 51, 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 only leave some play for adjustment.

**Fig. 52****Fig. 53**

As shown in Fig. 52 and Fig. 53, 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. 54**

Fig. 54 shows the completed driver side clamp (C) and cover plate (CP) installation.

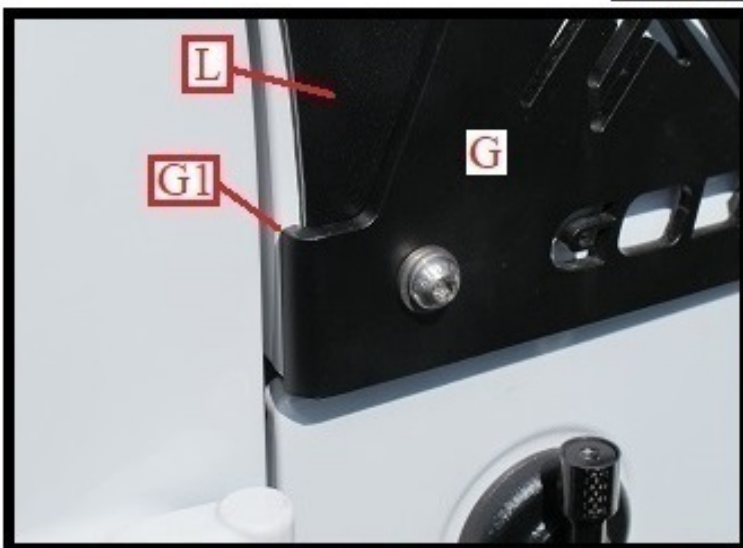
**Fig. 54a**

As shown in Fig. 54a, place a masking tape marker on the outside door edge, 1/8" above clamp plate (C) as was completed in Fig. 47 earlier. Leave in place at the moment.



# GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK

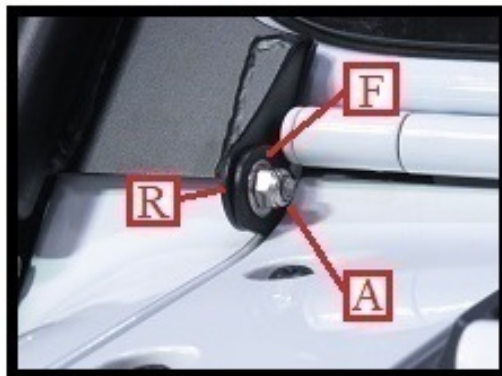
## INSTALLATION INSTRUCTIONS

**Fig. 55****Fig. 56**

As shown in Fig. 55, move back over to the passenger side of light bar hoop (B). Have a friend pull back light bar hoop (B) as shown by the yellow arrow in Fig. 55. Keep pressure on light bar hoop until the installation instructions have been completed from Fig. 56 through Fig. 60 at which time light bar hoop (B) can be released. Make certain that cover plate (G) hook end (G1) is on the back of light bar base (L) as shown in Fig. 56.

**Fig. 57****Fig. 58****Fig. 59**

As shown in Fig. 57, with the hook section of cover plate (G) over the back of light bar base plate (L). Slide cover plate (G) in the direction of the red arrow towards the front of the vehicle as much as possible. While holding cover plate (G) fully forward, tighten the M8 x 40mm screw (4) using a 5mm Allen wrench as shown in Fig. 57. Make certain cover plate (G) is even with the body lines then fully tighten the second M8 x 40mm screw (5) as shown in Fig. 58. As shown in Fig. 59, proceed to the top of cover plate (G) and fully tighten the 5/16" Allen screw (6) using a 3/16" Allen wrench and 1/2" box end wrench.

**Fig. 60**

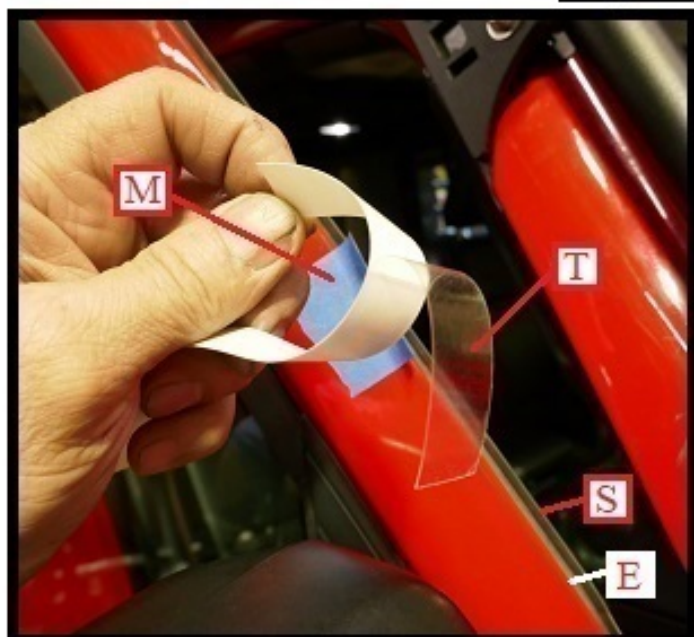
As shown in Fig. 60, fully tighten the 5/16" button head Allen screw and nylock nut (A) using a 3/16" Allen wrench and 1/2" open or closed end wrench. Light bar hoop (B) can now be released. Apply the same procedures to the passenger side light bar clamp (C) and cover plate (CP) as shown in Fig. 49 through Fig. 54.

**LIGHT BAR HOOP INSTALLATION COMPLETED**

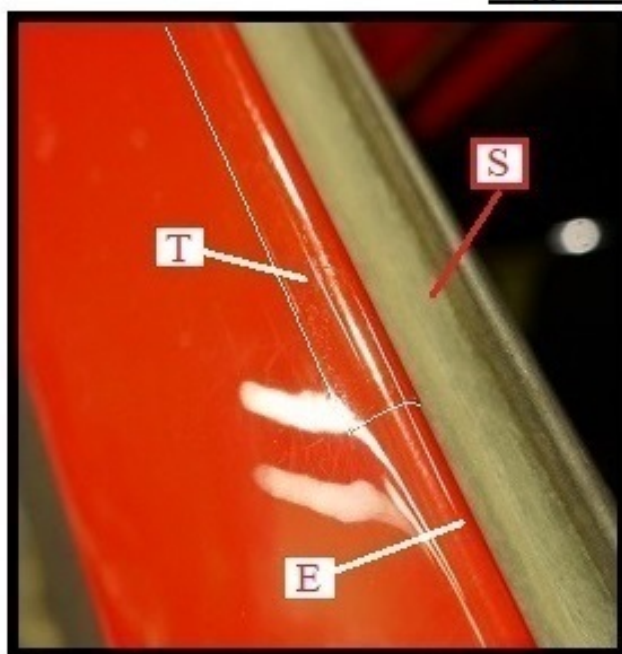


## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK

### INSTALLATION INSTRUCTIONS

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

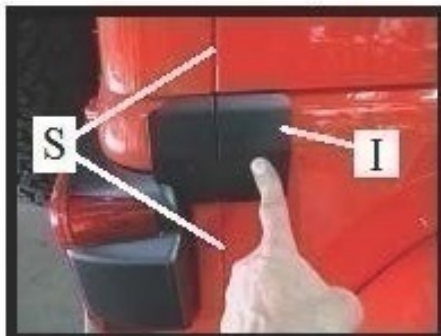
As shown in Fig. 61 and Fig. 62 apply a masking tape marker as was completed on Fig. 54a. Then clean the area below the masking tape marker (M) outside the door and the door's inner edge behind rubber door seal (S) shown in Fig. 63 with denatured alcohol to remove dirt and debris. As shown in Fig. 61 and Fig. 62, 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. 64.

**Fig. 63****Fig. 64**

As shown in Fig. 63 and Fig. 64, pull back the door's rubber seal (S) and press the wear tape (T) down over the edge of the door and continue pressing the tape on to 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. 64. Apply the same procedure to the opposite door.



## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 65****Fig. 66****Fig. 67**

As shown in Fig. 65, clean the circled area of the body passenger and driver sides with denatured alcohol. Remove the passenger side isolator wear plate (I) from Bag #4 of your hardware kit. Fit isolator wear plate (I) as shown in Fig. 66 so that the wear plate slots line up with the vertical body and hardtop grooves (S). Once you are familiar with the fit, remove the protective backing as shown in Fig. 67 and press in place. Apply the same procedure to the opposite side.

**Fig. 68**

Fig. 68 shows a properly installed Gobi driver side isolator wear plate (I).

**Fig. 69****Fig. 70****Fig. 71**

Remove the rear driver wheel well splash guard (M) shown in Fig. 69. Use an 8mm socket drive and remove all 3 screws shown in Fig. 70 and place aside as shown in Fig. 71.



## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 72**



**Fig. 73**



Refer to Fig. 72 and Fig. 73. Figure 72 represents the Jeep JL Rubicon splash guard support bracket (A) and Fig. 73 represents the Jeep JL Sahara and JL Sport splash guard support brackets (B). If your Jeep JL has the splash guard support bracket (B) shown in Fig. 73, continue reading on to complete your installation. If your Jeep JL has the splash guard support bracket (A) shown in Fig. 73 skip to Fig. 87 and continue with your installation.



## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 74**

Rear driver side Jeep JL  
Sahara or Sport bumper

**Fig. 75**

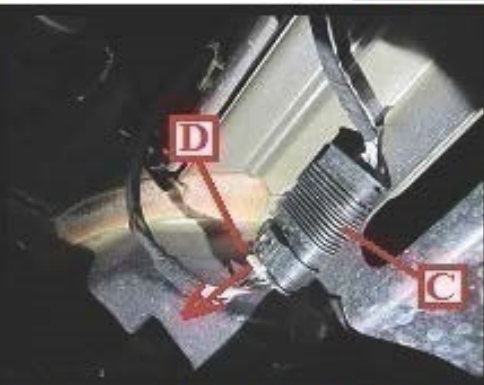
Remove passenger and driver side  
splash guards by removing 3 screws (A)  
shown above with an 8mm socket

**Fig. 76**

Remove splash guard support bracket  
(SG) by removing 4 screws (B) as shown  
above using a 16mm socket

**Fig. 77**

Just above the rear splash guard support  
bracket you will find the rear bumper  
sensor connection (C) shown above

**Fig. 78**

Pull out on white tab (D) in the direction of the red arrow shown in Fig. 46 to  
release connection lock then pull apart sensor connection (C) as shown in Fig. 79.

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

Pull out sensor connection (C)  
anchored to body as shown above and  
allow to hang freely

**Fig. 81**

Remove screw (E) above both driver and  
passenger sides using a 10mm socket  
drive

**Fig. 82**

Remove 2 nuts (F) shown above both  
driver and passenger sides using a  
16mm socket or box end wrench



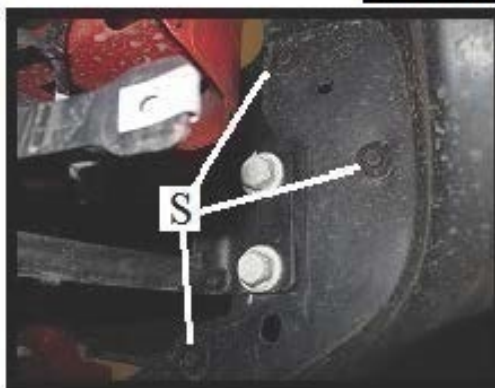
## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 83**

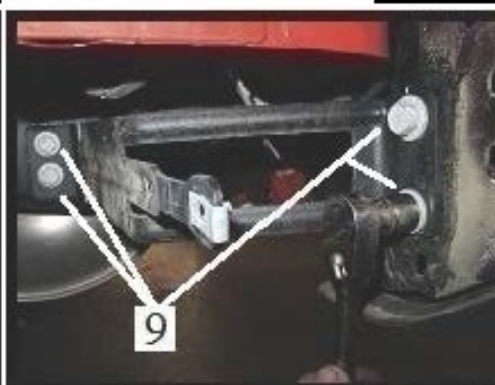
Tilt rear bumper ends (G) down towards the floor then pull back and remove the rear bumper as shown above. Refer to Fig. 90 and continue the Gobi rack installation.



## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 84****Fig. 85****Fig. 86**

Remove rear bumper driver side end cap (E) shown in Fig. 84. Use the same 8mm socket driver as used in Fig. 75 with a 6" extension and take off all 3 screws (S) shown in Fig. 85. Place bumper end cap and screws aside for later installation.

**Fig. 87****Fig. 88****Fig. 89**

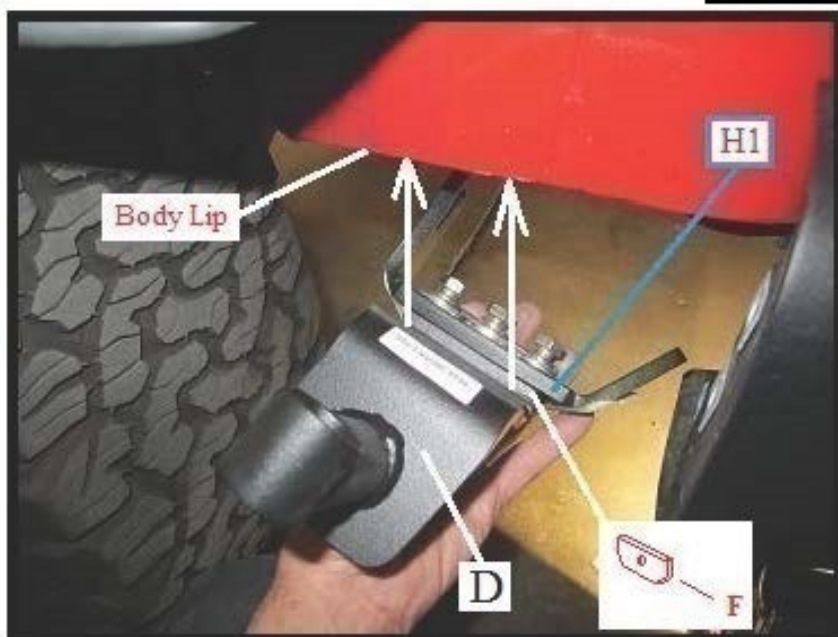
Remove rear wheel well splash guard support (SGS) shown in Fig. 87. Use a 16mm socket driver and take off all 4 screws (9) shown in Fig. 88. The process applies to Jeep JL Sahara and Jeep JL Sport models. Place all screws and splash guards support bracket aside for re-installation after the Gobi Tower installation.

**Fig. 90****Fig. 91**

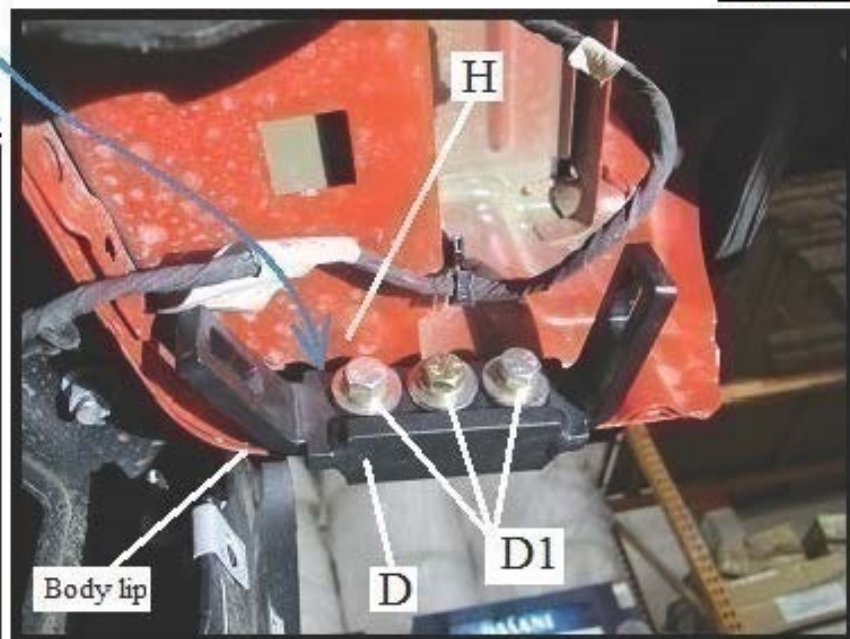
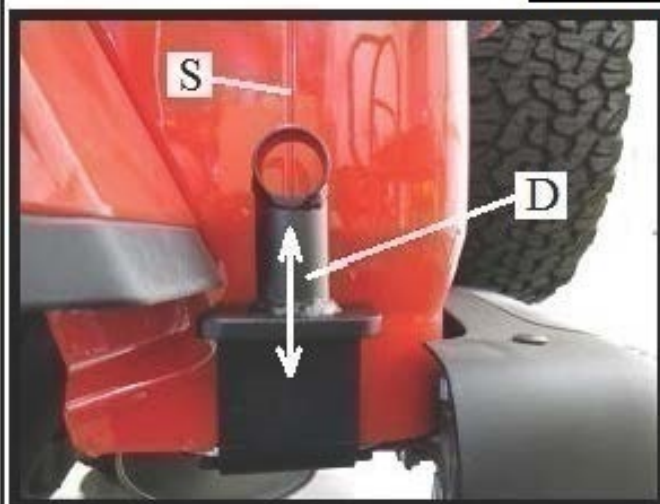
Use denatured alcohol and clear the circled area outside and inside of the body as shown in Fig. 90 and Fig. 91.



## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 93**

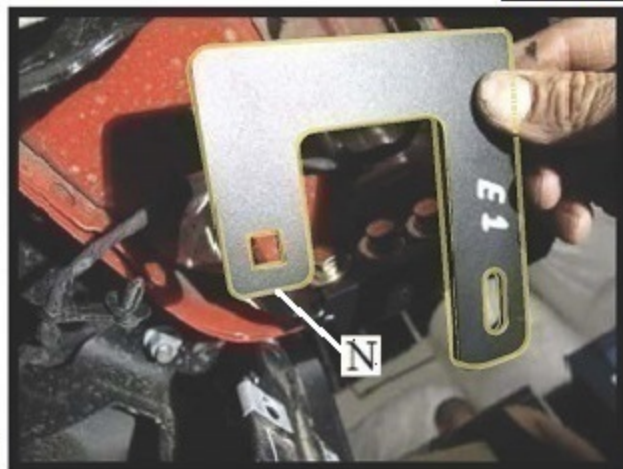
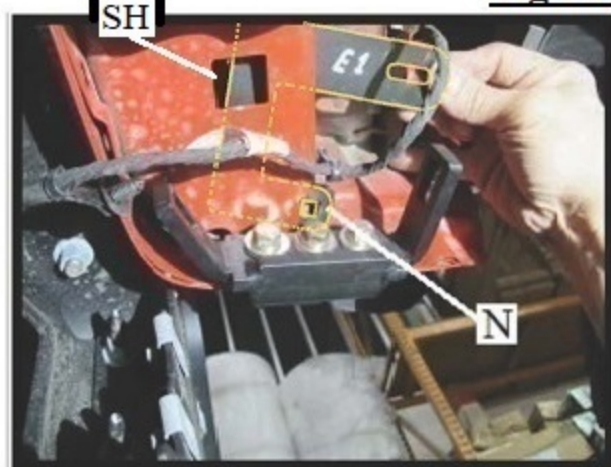
Slide Tower (D) up onto the rear body lip as shown in Fig. 93 and Fig. 95 with pinch plate (F) positioned on the inside of the body. Do not remove the masking tape as the tape is holding the pinch plate in the correct position.

**Fig. 95****Fig. 94**

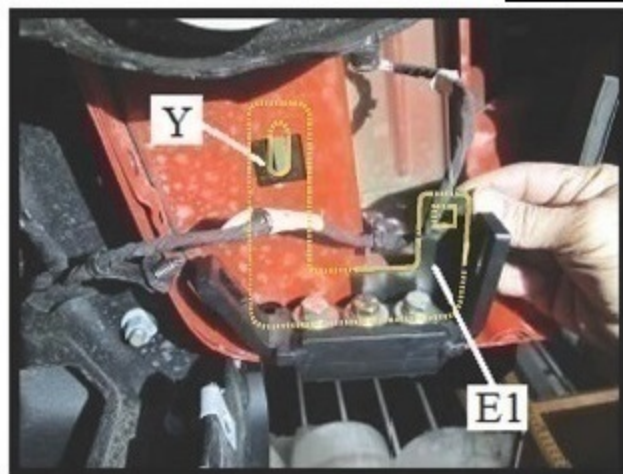
Make certain Tower (D) is in line with the rear body seam (S) as shown in Fig. 94. Also "VERY IMPORTANT" make certain the top of Tower horseshoe shaped support (H1) shown in Fig. 93, is positioned as far up on the body and body lip as possible shown in Fig. 95. Fully tighten all 3 screws (D1) using a 9/16" box end wrench.



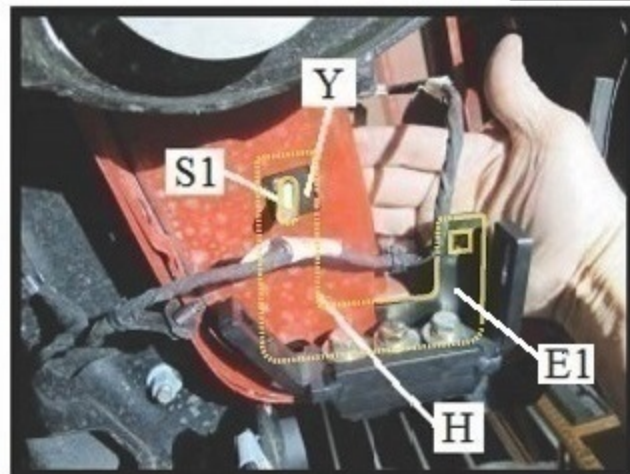
## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 96****Fig. 97**

Remove nut plate (E1) shown in Fig. 96 from your hardware kit. Slip the nut plate end (N) in the slot above the square hole (SH) of the body above Tower (D) as shown in Fig. 97.

**Fig. 98**

Continue turning nut plate (E1) until the slotted end (Y) can be seen through the square hole shown in Fig. 98.

**Fig. 99**

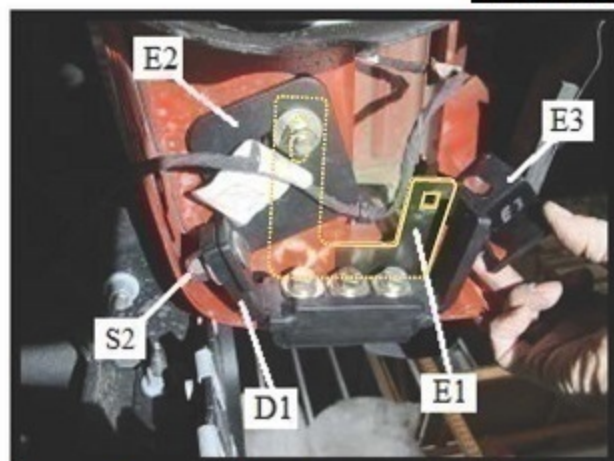
Remove from Bag #3, 1- 3/8-16 x 1-1/4" carriage screw (S1) and place it from the top down into the slotted end (Y) of nut plate (E1) and lower body panel (H) as shown in Fig. 99. Make certain that the square head of the carriage screw (S1) is seated into nut plate slot as shown.



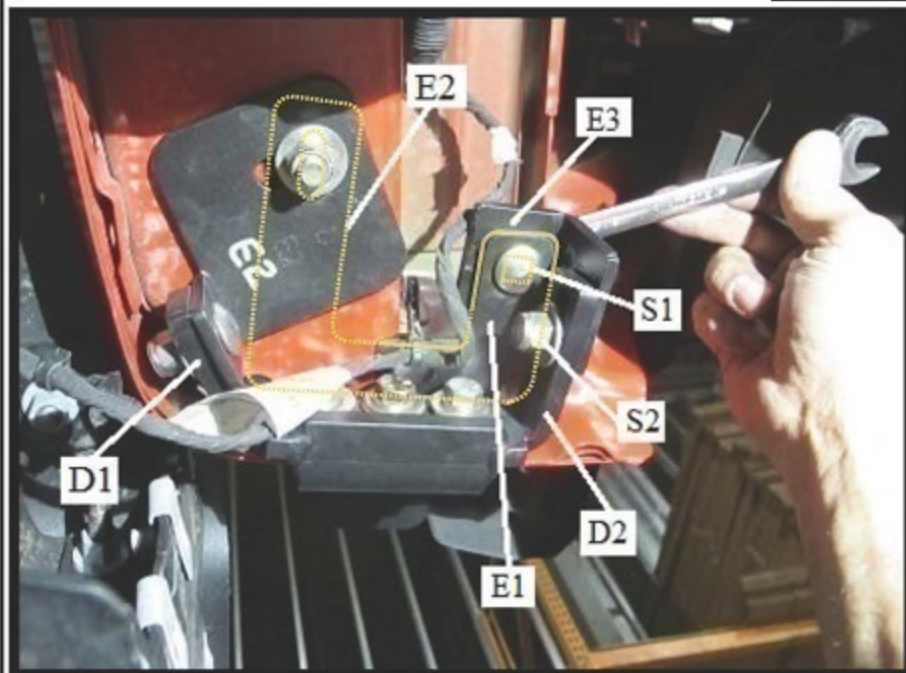
## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 100**

Remove from your hardware kit Tower support plate (E2) and set in place as shown in Fig. 100. Use 1-3/8" flat washer and 1-3/8" nylock nut located in Bag #3 and thread onto screw (S1) previously installed in Fig. 99. Snug down using a 9/16" ratchet with 10" extension. Leave enough play for adjustment. Place another 3/8-16 x 1-1/4" carriage screw (S2) through support plate (E2) and into Tower arm (D1) as shown in Fig. 101. Thread on 1-3/8" flat washer and 1-3/8" nylock nut shown in Fig. 101 using a 9/16" box end wrench. Leave enough play for late adjustment. Do not fully tighten.

**Fig. 101**

Remove from your hardware kit support plate (E3) as shown in Fig. 101. Place (E3) on top of nut plate (E1) and set a 3/8-16 x 1-1/4" carriage screw (S1) up through nut plate (E1) then through support plate (E3) as shown in Fig. 102. Thread on 1-3/8" flat washer and 1-3/8" nylock nut on top as shown in Fig. 102. Snug down but leave enough play for adjustment.

**Fig. 102**

Remove from Bag #3, 1-3/8-16 x 1-1/4" carriage screw (S2) and place through support plate (E3) then through Tower arm (D2) as shown in Fig. 102. Thread on 1-3/8" flat washer and 1-3/8" nylock nut and snug down using a 9/16" box end wrench. Leave enough play for adjustment.

While a friend is applying pressure to the Tower against the vehicle body at the top pivot ring (PR) shown in Fig. 103. Fully tighten all remaining Tower assembly screws. Apply the same procedure to the opposite side.

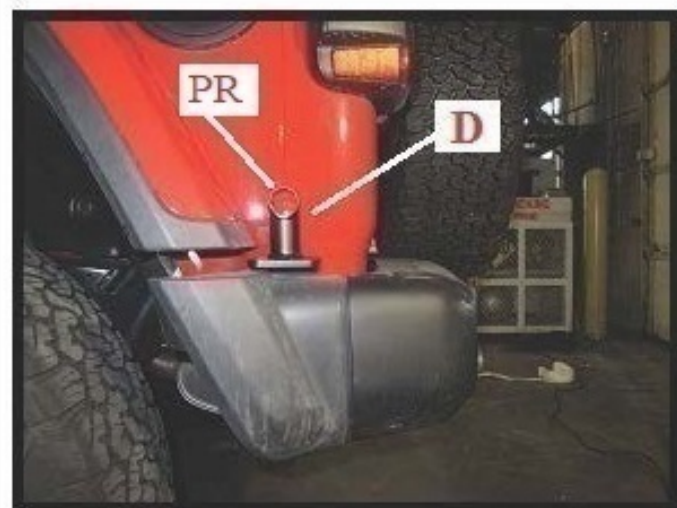


## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS



**Fig. 103**

Figure 103 shows an underside view of a properly installed Gobi rear Tower assembly.



**Fig. 104**

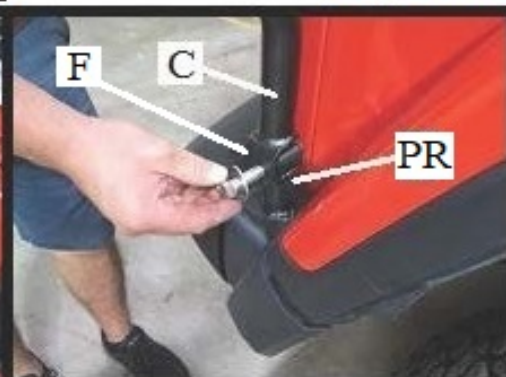
Re-install rear bumper end caps or entire rear bumper depending on the style rear bumper you have. Figure 104 represents a properly installed and completed Gobi rear driver side Tower (D) and rear bumper.



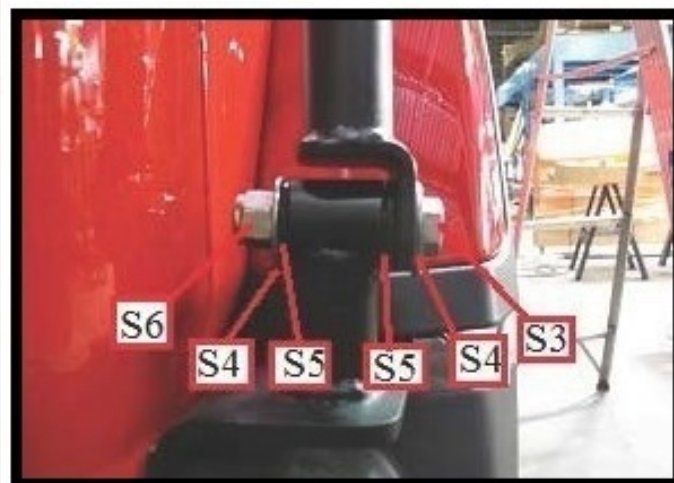
## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 105****Fig. 106****Fig. 107**

As shown in Fig. 105 place a protective cover over your jeep top to prevent any damage. With the help of some friends, set the Gobi rack basket (A) on top of the Jeep JL as shown in Fig. 106. Align the front of the rack basket with the back of light bar (B) as shown in Fig. 107. Use 4- 3/8-16 x 1" carriage screws (S2) two per side. Insert each carriage screw (S2) into the front of the light bar then into the roof rack as shown in Fig. 107. Do not fully tighten, leave some play for adjustment.

**Fig. 108****Fig. 109****Fig. 109a**

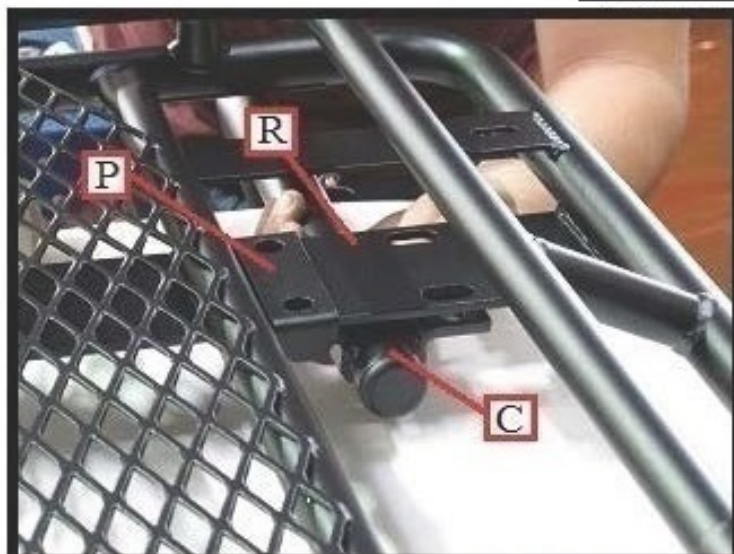
Set a spacer block (SB) approximately 3" tall under the rear of the roof rack as shown in Fig. 108. With the help of a friend take the passenger side rear support bar (C) shown in Fig. 109 and hold alongside of the roof rack and vehicle. Align the lower flange end (F) of support bar (C) with the rear passenger side Tower (D) pivot ring (PR) and install all screws as shown in Fig. 111.

**Fig. 111**

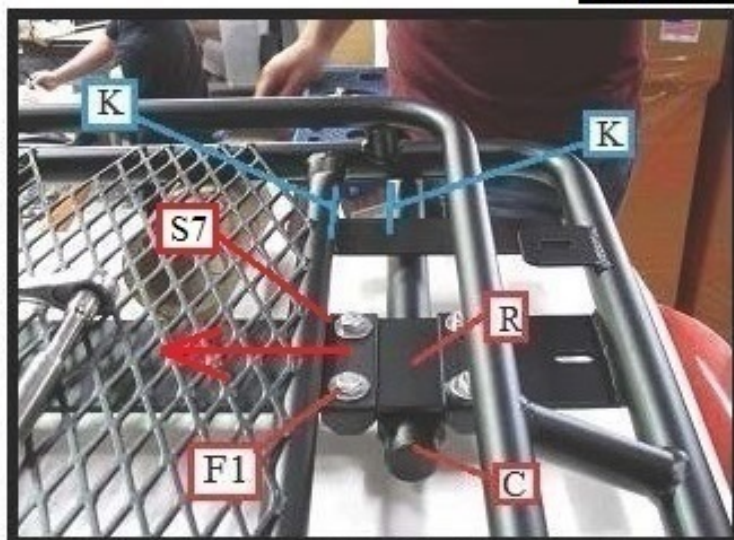
Remove from Bag #3 1-1/2-13 x 2-1/2" hex bolt (S3), 2- 1/2" flat washers (S4), 2- black nylon should washers (S5) and 1-1/2" nylock jam nut (S6). Place them in order as shown in Fig. 111 and snug down only using a 3/4" ratchet and box end wrench. Do not fully tighten, leave some play for adjustment.



## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 112**

Remove 2 position plates (P) from Bag #3 and place over rear rack mounting plate (R) and over rear passenger support arm (C) as shown in Fig. 112. Remove 4- 3/8-16 x 1-1/4" hex head screws, 8- 3/8" flat washers and 4- 3/8" nylock nuts (S7) from Bag #3. Insert 4- 3/8-16 x 1-1/4" hex head screws, 4- 3/8" flat washers (S7) through position plates (P) then through mounting plate (R) and through passenger support bar (C) shown in Fig. 113. Use 4- 3/8" flat washers and 4- 3/8" nylock nuts and snug down in place from the underside using 2- 9/16" box end wrenches. Do not fully tighten, leave some play for adjustment.

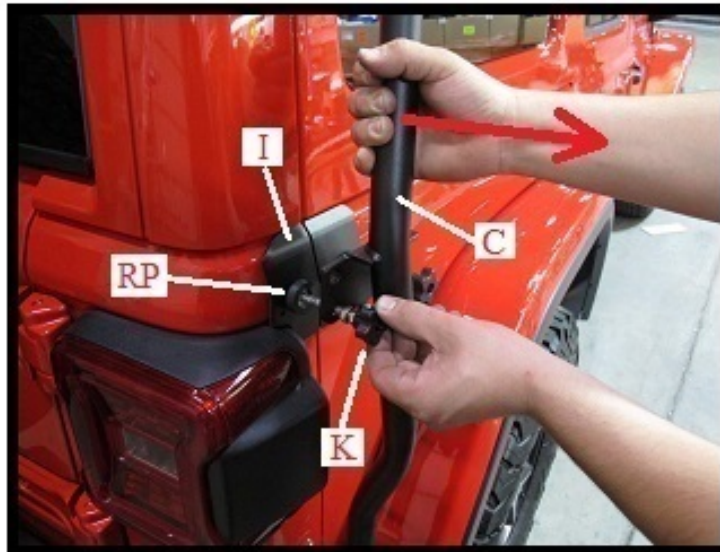
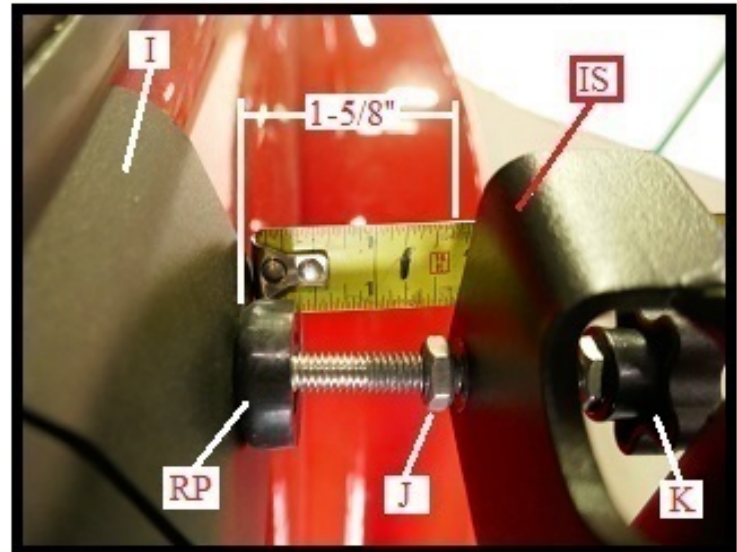
**Fig. 114**

Adjust rear support bar (C) in the direction of the red arrow as far as possible in the slots of the support plate (R). Then tighten mounting screw marked (F1) using 2- 9/16" box end wrenches. Adjust rear support bar (C) by pivoting forward or rearward so that it lines up with the inner roof rack shown by 2 blue lines (K) indicating the inside tube edge of the rack and inside tube edge of the rear support bar (C) shown in Fig. 114. Once aligned fully tighten all remaining screws (S7) using 2- 9/16" box end wrenches. Apply the same procedure to the opposite side. Remove spacer black (SB) shown in Fig. 108. Fully tighten Pivot screw (PS) at the bottom flange of support bar (C) shown in Fig. 116 using a 3/4" ratchet and box end wrench. Apply the same procedure to the opposite side.

**Fig. 113****Fig. 115****Fig. 116**



## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 117****Fig. 118**

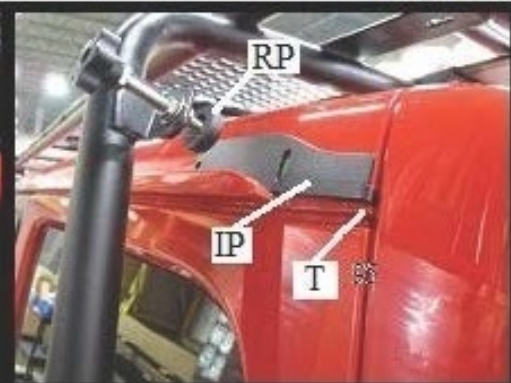
Make certain both passenger and driver side isolator screws (RP) are in contact with wear plate (I) as shown in Fig. 117. As shown in Fig. 117, pull out on the rear passenger support bar (C) in the direction of the red arrow at the same time the isolator knob (K) is turned clockwise. Pulling out on the rear support bar during each turn makes the process of tightening the isolator screw against the isolator wear plate (I) much easier. Turn each isolator screw clockwise until you have at least a 1-1/2" to 1-5/8" gap between the isolator wear plate (I) and inside of isolator main support plate (IS) as shown in Fig. 118.

**Fig. 119**

As shown in Fig. 119, after you have adjusted both isolator screws tighten isolator jam nuts (J) against main isolator support plate (IS) using a 1/2" open end wrench. This will prevent the isolator screws from loosening during transit. Apply the same procedure to the opposite side.



## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS

**Fig. 120****Fig. 121****Fig. 122**

Make certain both the passenger and driver upper isolator rubber pads (RP) are sitting approximately 1/2" or more away from the hard top as shown in Fig. 120 and Fig. 122. Remove the upper isolator plates (IP) passenger and driver from Bag #4. Place the driver side isolator plate (IP) as shown in Fig. 120 over the roof top gutter and fit the tab end (T) into the groove of the hard top shown best in Fig. 122. After you have become familiar with the fit, clean the area of the hard top where the isolator pad will sit with denatured alcohol. Remove the protective adhesive back cover as shown in Fig. 121 then place the isolator wear plate (IP) back in place onto the hardtop over the gutter and set tab (T) into the groove of the hardtop shown in Fig. 122. Apply the same procedure to the opposite side.

**Fig. 123****Fig. 124****Fig. 125**

After both the passenger and driver side isolator plates (IP) have been installed, adjust both isolator screws (RP) so that they contact each isolator plate as shown in Fig. 123. Apply some pressure to each isolator screw onto the isolator plate. Serious pressure to each isolator is not necessary. The purpose of the upper isolator screws (RP) is to prevent upper rack sway when heavy cargo is present. Once both isolator screws have been adjusted, fully tighten both isolator jam nuts (J) as shown in Fig. 123 and Fig. 124 using two 1/2" open end wrenches. Refer to Fig. 125 and move to the front of the roof rack. Lift roof rack (A) as shown by the red arrow as much as possible. Then fully tighten all four 3/8-16 x 1" carriage screws (S2) using a 9/16" box end wrench both passenger and driver sides. Check all screws over the entire roof rack to make certain they are properly tightened and secured.



## GOBI JEEP JL 4XE 4 DOOR HEAVY DUTY ROOF RACK INSTALLATION INSTRUCTIONS



### GOBI ROOF RACK INSTALLATION COMPLETED

**CAUTION:**

- \* DO NOT REST THE GOBI ROOF RACK ON THE REAR TOWERS OR BUMPER AS DAMAGE WILL RESULT
- \* EXCESSIVE SPEED OVER ROUGH TERRAIN WITH OR WITHOUT A FULLY LOADED ROOF RACK ARE NOT RECOMMENDED AS DAMAGE CAN OCCUR TO ROOF RACK OR VEHICLE

To purchase GOBI roof rack accessories please go to the GOBI online website or contact GOBI RACKS directly at 1-720-479-9372 or e-mail to [sales@gobiracks.com](mailto:sales@gobiracks.com) Thank you for your purchase