

GOBI FORD BRONCO 4 DOOR HARD TOP 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:

- 2- 1/2" Open and closed end wrench**
- 2- 9/16" Open and closed end wrench**
- 1- 9/16" socket with 3/8" drive**
- 1- 10mm socket with 3/8" drive**
- 1- Torx bit (T-50) (hard top removal)**
- 1- Torx bit (T-25) (for front side mirror covers)**
- 1- 3/16 Allen wrench**

CAUTION

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

NOTE: PAY SPECIAL ATTENTION TO RED HIGHLIGHTED INSTRUCTIONS

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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.

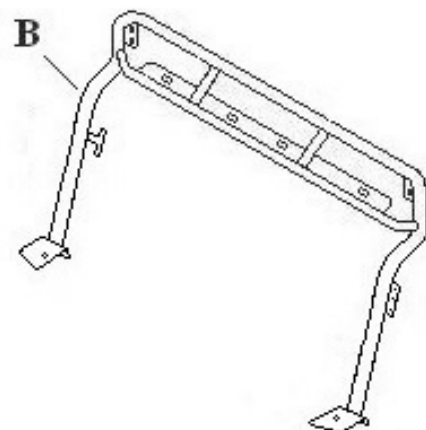
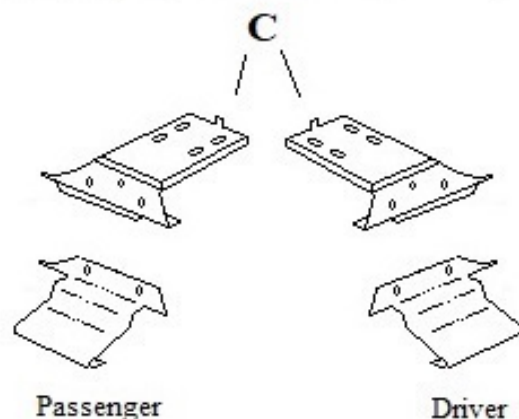
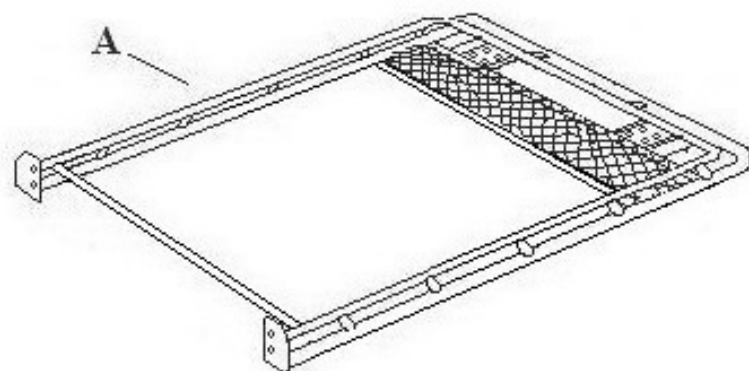
READ ALL INSTRUCTIONS PRIOR TO INSTALLATION

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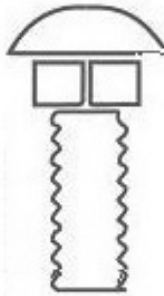
Included in kit

Letter	Description	Location	Quantity
A	GOBI FORD BRONCO 4 DOOR HARD TOP ROOF RACK	Main box	1
B	GOBI BRONCO STEALTH FRONT LIGHT BAR	Strapped to Rack	1
C	GOBI BRONCO REAR SUPPORT BRACKETS PASS & DRIVER SIDE	Strapped to Rack	1 ea.
F	LIGHT BAR CLAMP, COVER PLATE, NUT PLATE, WEAR PLATE PASS & DRIVER	BAG #2	1 ea.
G	GOBI RACK MOUNTING HARDWARE <u>CONTENTS:</u> 2- 1/4" Flat washers 6- 5/16-18 X 1" Button head Allen screws 6- 5/16" Lock washers 12- 5/16" Flat washers 4- 5/16-18 x 1" Carriage screws 2- 5/16-18 x 3/4" Carriage screws 24- 3/8" Flat washers large 14- 3/8" Nylock nuts 4- 3/8-16 x 1" Carriage screws 6- 5/16" Nylock nuts 10- 3/8-16 x 1" Hex head screws	BAG #3 Hardware Box	1
H	GOBI VEHICLE BODY WEAR PROTECTION <u>CONTENTS:</u> 2- Black, rectangular adhesive backed light bar wear plates, passenger & driver 	BAG #4 Hardware Box	1
J	WINDSHIELD ACCESSORY LIGHT BAR SUPPORT BRACKETS PASS & DRIVER	BAG #5	1 ea.
K	GOBI MINI WIND DEFLECTORS (complete with all mounting hardware)	Hardware Box	1 ea.

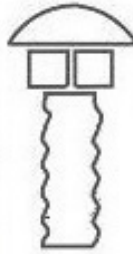


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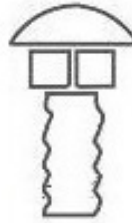
Qty. 4 | 3/8-16 x 1" Carriage Screws SS



Qty. 4 | 5/16-18 x 1" Carriage screws SS



Qty. 2 | 5/16-18 x 3/4" Carriage screws SS



Qty. 6 | 5/16 - 18 x 1" Button head SS



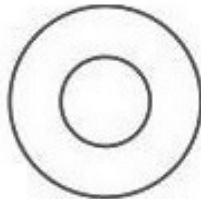
Qty. 10 | 3/8-16 x 1"



Qty. 6 | 5/16" Lock Washer SS



Qty. 24 | 3/8" Flat Washer SS



Qty. 12 | 5/16" Flat Washer SS



Qty. 2 | 1/4" Flat Washer



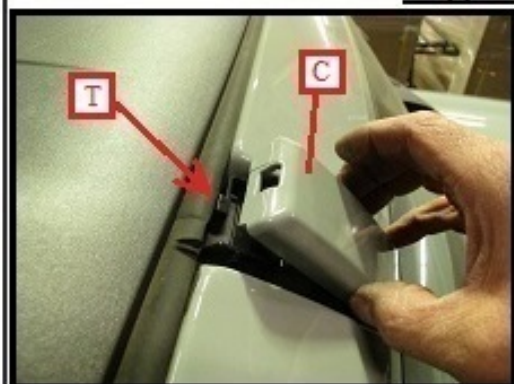
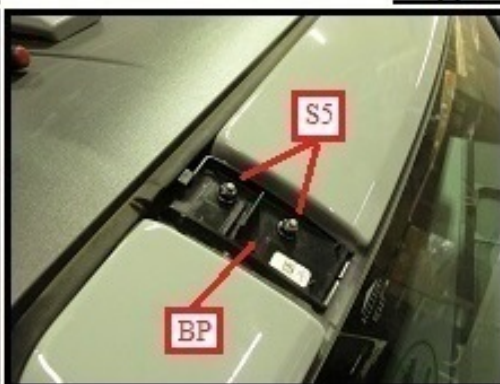
Qty. 14 | 3/8" Nylock Nuts SS



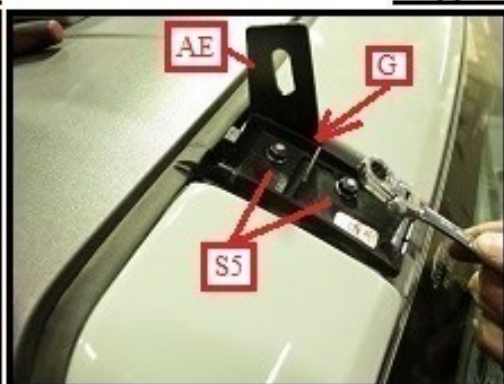
Qty. 6 | 5/16" Nylock Nuts SS



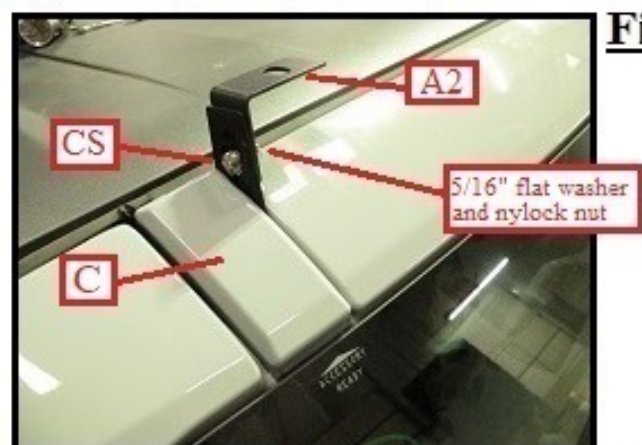
GOBI FORD BRONCO 4 DOOR HARD TOP ROOF RACK INSTALLATION INSTRUCTIONS

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

As shown in Fig. 1, use a thin bladed screwdriver and push in on black tab (T) to release and lift the passenger side cover plate (C). As shown in Fig. 2 use a 10mm wrench and remove both hex head nuts (S5), then remove plastic base plate (BP) as shown in Fig. 3.

Fig. 4**Fig. 5****Fig. 6**

As shown in Fig. 4, remove the passenger side accessory extension plate (AE) from Bag #5 of your hardware kit. Orient plate (AE) as shown in Fig. 5 over the passenger side two M6 threaded studs. Place base plate (BP) over accessory plate (AE) as shown in Fig. 5 & 6. Thread nuts (S5) back in place over base plate (BP) and accessory plate (AE). Spread the gap between the two parts shown as (G) as much as possible while fully tightening down both nuts (S5), do not over tighten to warp or crack plastic base plate (BP).

Fig. 7**Fig. 8**

As shown in Fig. 7 and Fig. 8, snap cover plate (C) back in place over base plate (BP). Remove from Bag #5 secondary extension plate (A2) and install as shown in Fig. 8. Place one 5/16-18 x 3/4" carriage screw (CS) located in Bag #3, into accessory plate (AE) then into plate (A2) as shown in Fig. 8. Thread from the other side one 5/16" flat washer and one 5/16" nylock nut and snug screws down in place. Adjust plate (A2) all the way down. Leave some play for later adjustment. Apply the same procedure to the opposite side.

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Fig. 9**Fig. 10**

As shown in Fig. 9 remove the AM/FM antenna shown by a red arrow. Then use a #T25 torx wrench and remove the outside top screw (1) holding the driver side mirror plastic cover (B1) in place. Apply the same procedure to the passenger side. As shown in Fig.10, clean off both the driver and passenger side "A" pillar top to bottom using denatured alcohol.

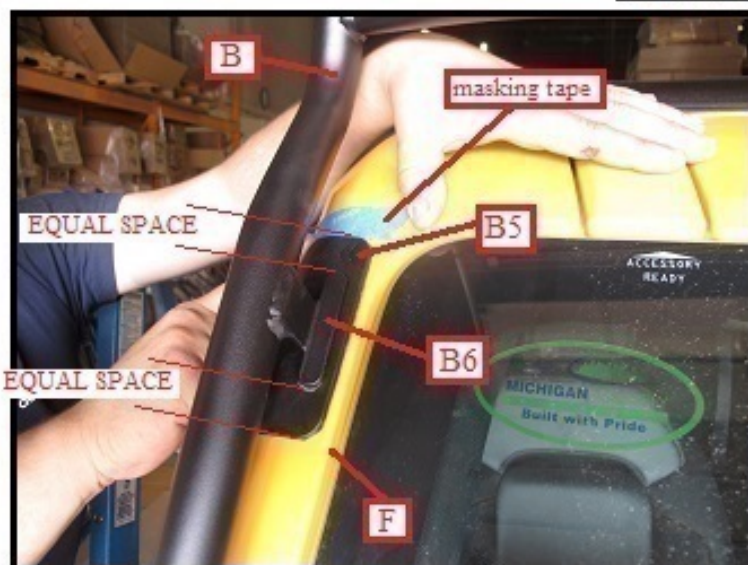
Fig. 11**Fig. 12**

As shown in Fig. 11 and Fig. 12, with the help of a friend, place the Gobi Bronco light bar (B) in place onto the lower windshield "A" pillar and onto the driver side mirror cover (B1). Make certain to seat the lower light bar foot (B2) as shown in Fig. 12 over the driver side mirror cover (B1) first. Then with a friend pulling the passenger side of light bar (B) out, shown in Fig. 11 by a red arrow. Slip the passenger side foot (B2) over the passenger side "A" pillar and onto the passenger side mirror (B1) plastic cover.

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Fig. 13**Fig. 14**

Use a flat 1/4" washer (O) found in Bag #3 of your hardware kit and place under the M6 torx screw (1) removed earlier from plastic mirror cover (B1). As shown in Fig. 13, reinstall M6 Torx screw with 1/4" flat washer (O) through Gobi light bar foot plate (B2) both driver and passenger. Thread screw in place but leave loose at this time. As shown in Fig. 14 remove wear plate (B5) from Bag #4 of your hardware kit. Do not remove the double back tape adhesive cover at this time. Gently lift the upper end of light bar (B) away from the "A" Pillar as shown by the red arrow in Fig. 14. Slide wear plate (B5) as shown in Fig. 14 and Fig. 15 under light bar upper presser foot (B6).

Fig. 15**Fig. 16**

As shown in Fig. 15 align wear plate (B5) close to the edge of the windshield frame (F) and equal the amount of plate on both ends of pressure foot (B6) as shown. Once you have wear plate (B5) set in place, apply a piece of masking tape to mark the top of the wear plates position. Remove wear plate (B5) and the adhesive back cover as shown in Fig. 16 and reinstall by lifting light bar (B) and installing wear plate (B5) back in place. Press down firmly and apply the same procedure to the passenger side.

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Fig.17**Fig. 18**

As shown in Fig.17 use a #25 Torx drive and tighten down screw (1) to secure Gobi Bronco light bar foot plate in place, both driver and passenger sides. Figure 18 shows the correct light bar (B) position. Remove masking tape markers.

Fig. 19**Fig. 20**

As shown by the red arrows in Fig. 19, clean off the surface area of the "A" pillar with denatured alcohol. Then remove wear plate (WP) from Bag #2 of your hardware kit. Peel off the protective covering as shown in Fig. 19 and adhere in place as shown in Fig. 20 over the corner of the "A" pillar and in line with window upper seal (SL).

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Fig. 21**Fig. 22**

As shown in Fig. 21 remove nut plate (N) from Bag #2 of your hardware kit. Slip nut plate (N) behind flange (F) and align with flange (F) holes as shown in Fig. 22 and hold in place. Remove from Bag #2 clamp plate (CP) and place over flange (F) and wear plate (WP) as shown in Fig. 22 and Fig. 23, align holes and hold in place.

Fig. 23**Fig. 24**

With the help of a friend, remove cover plate (CV) from Bag #2 and place over clamp plate (CP) as shown in Fig. 23. Remove one 5/16-18 x 1" button head screw, one 5/16" lock washer and one 5/16" flat washer from Bag #3 and thread hardware assembly (S) as shown in Fig. 24 through plates (CV) and (CP) and finally into nut plate (N). Leave loose at this time. Add two additional screw assemblies (S) into both remaining holes and into nut plate (N). Leave entire assembly loose at this time. Apply the same procedure to the opposite side.

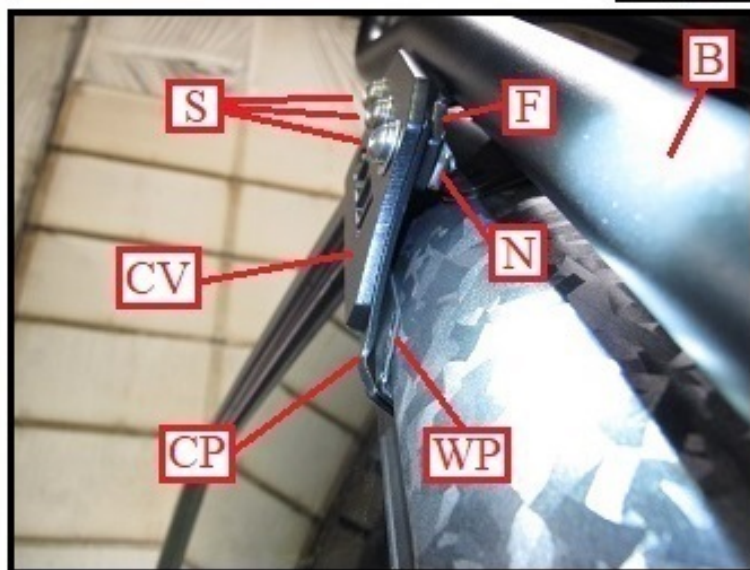
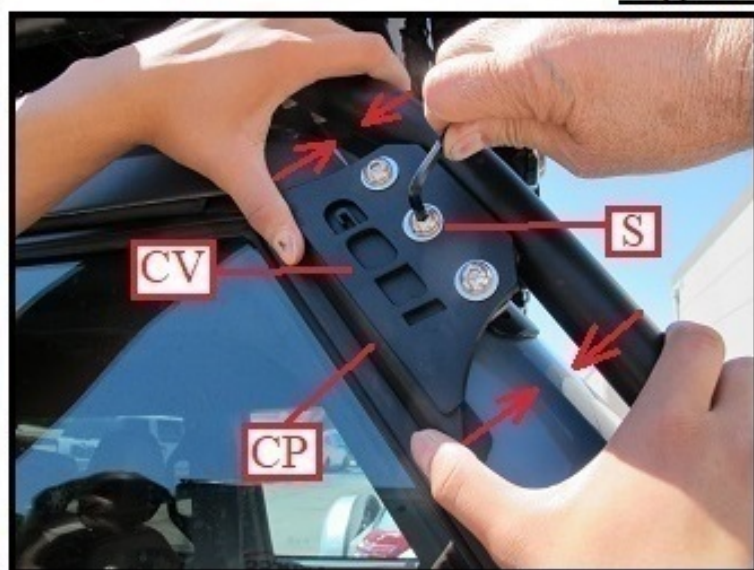
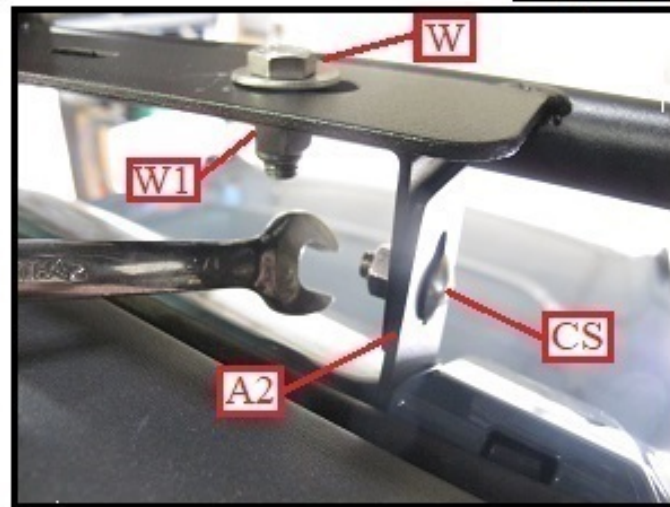
**GOBI FORD BRONCO 4 DOOR HARD TOP ROOF RACK
INSTALLATION INSTRUCTIONS****Fig. 25****Fig. 26**

Figure 25 shows how both the driver and passenger side clamp assembly part stack must appear. Nut plate (N), flange (F), wear plate (WP), clamp plate (CP) and cover plate (CV) in proper order and loosely held in place by three 5/16-18 x 1" button head screws, lock washers and flat washers (S). As shown in Fig. 26 by red arrows, squeeze very tightly by hand the driver side clamp plate (CP) against the "A" pillar and pull down on upper light bar tube at the same time. While continuing to hold pressure, have a friend keep cover plate (CV) straight with clamp plate (CP) and fully tighten and secure all three 5/16" button head screws (S) using the 3/16" Allen wrench supplied in Bag #3. Apply the same procedure to the opposite side.

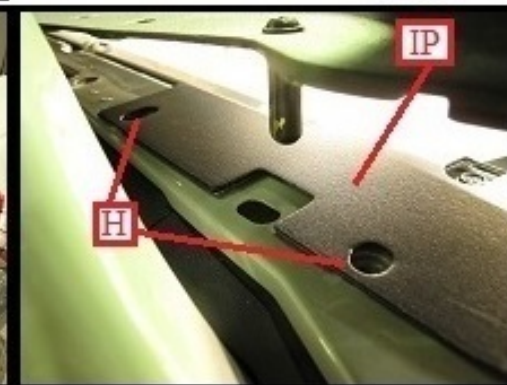
Fig. 27**Fig. 27a**

As shown in Fig. 27, remove one 3/8-16 x 1" hex head screw and one 3/8" flat washer (W) from Bag #3 and thread down through light bar mounting plate (P) and through accessory light bar support bracket (A2). Thread from the underside as shown in Fig. 27a, one 3/8" flat washer and nylock nut (W1). Loosen screw (CS) using a 1/2" box end wrench just enough to allow bracket (A2) to slide. Then fully tighten screws (W) and (W1) and fully tighten screw (CS). Apply the same procedure to the opposite side. Reinstall AM/FM antenna. With force try to move light bar (B) as shown in Fig. 18 forward and backward and side to side to check that no play exists. If light bar does not move, the Gobi light bar installation is completed. If play exists repeat steps in Fig. 17 and 26 thru 27a.

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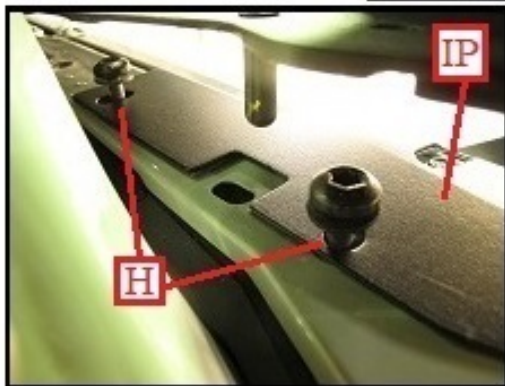
Fig. 28**Fig. 29****Fig. 30**

If you plan to install either the passenger or driver side rear ladder continue reading on. If you do not plan to install a rear ladder then skip to Fig. 42. As shown in Fig. 28 remove both driver and passenger side front roof top panels and set aside. Then unlock and move the center panel forward as shown in Fig. 28. As shown in Fig. 29, remove the rear hard top screws (S) just under the rear back corners of the center panel using a "T" 50 torx wrench both passenger and driver sides. As shown in Fig. 30 remove all interior hard top screws (S1), 4 screws per side using a "T" 50 torx wrench.

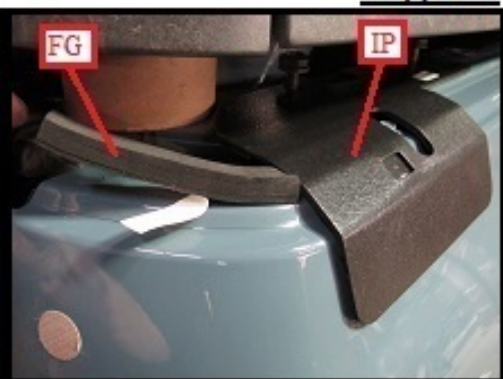
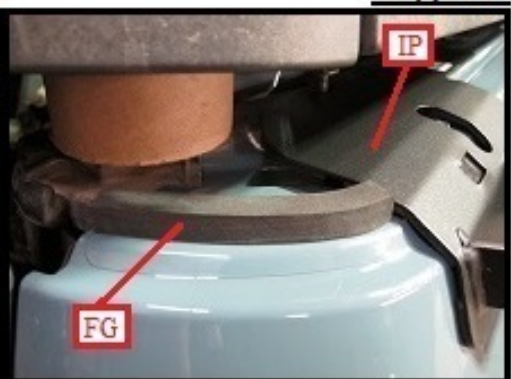
Fig. 31**Fig. 32****Fig. 33**

As shown in Fig. 31, lift and prop up the rear end of the hard top using a 2-1/2" spacer of cardboard or the like, both driver and passenger at the same time. As shown in Fig. 32, remove the passenger side rear ladder support plate (IP) from your rear passenger side ladder hardware kit. As shown in Fig. 32, 33 and 34, place isolator plate (IP) over screw holes (H) and onto vehicle body.

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Fig. 34**Fig. 35****Fig. 36**

As shown in Fig. 34, use two hard top screws previously removed and thread in place to prevent isolator plate (IP) from shifting. As shown in Fig. 35, outline isolator plate (IP) with masking tape approximately 1/8" away from edge. Then remove isolator plate (IP) and clean the area within the masking tape with denatured alcohol. Remove from your ladder hardware kit one piece clear wear tape 2" x 7". Peel off the white protective film and adhere clear wear tape in place within the masking tape area to protect the paint against rubbing wear. Reinstall isolator wear plate (IP) as shown in Fig. 34 and 35 and apply the same procedure to the opposite side. Remove masking tape markers.

Fig. 37**Fig. 38****Fig. 39**

As shown in Fig. 37, remove one strip of 1/2" x 3/8" x 4" foam gasket (FG) from your ladder hardware kit. Peel off the white protective cover and adhere to the rear of the vehicle body as shown in Fig. 38 and 39. Apply the same procedure to the opposite side.

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Fig. 40**Fig. 41**

Make certain the driver and passenger side rear ladder support plates (IP) are up tight against the body as shown in Fig. 40, then lower the hard top down onto ladder support plates (IP). Reinstall all hardtop screws removed earlier in Fig. 29 thru 30 and fully tighten in place as shown in Fig. 41 using the "T" 50 torx wrench. Reinstall all hardtop panels and lock in place.

NOTE: Rear ladder installation can only be completed after the entire roof rack has been fully installed at which time refer to the Gobi Ford Bronco Hard Top rear ladder installation instructions.

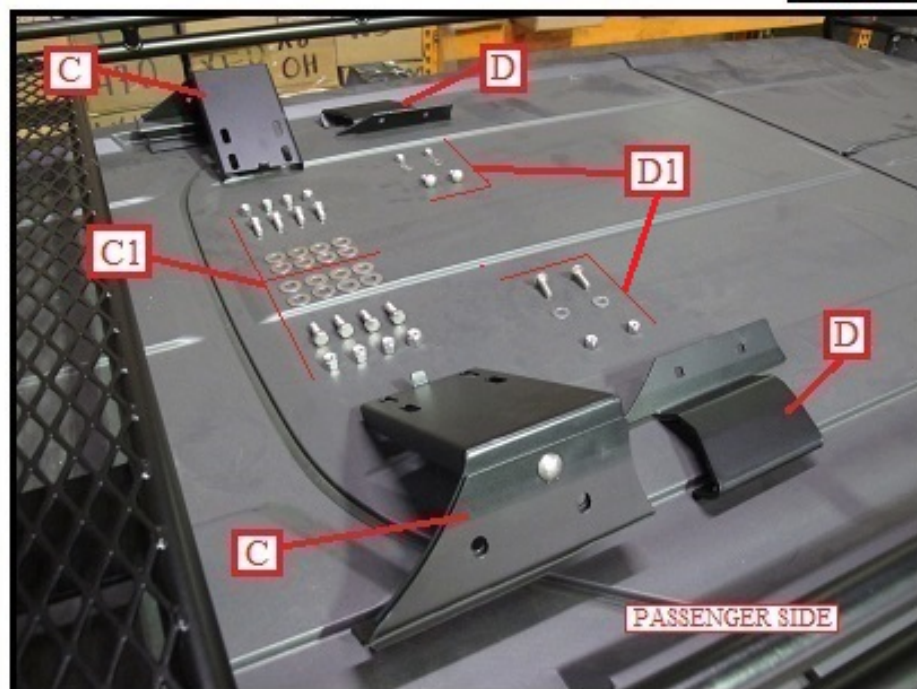
Fig. 42**Fig. 43**

As shown in Fig. 42 and 43, with the help of some friends, place roof rack (A) over the vehicle hard top and against the back of Gobi light bar (B). Remove from Bag #3, two 3/8-16 x 1" carriage screws, two 3/8" flat washers and two 3/8" nylock nuts (S1) and secure roof rack (A) to the back of light bar (B) shown in Fig. 43. Snug down only, do not fully tighten using a 9/16" open or closed end wrench. Apply the same procedure to the opposite side.

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Fig. 44

As shown in Fig. 44, place one or two 4" tall cardboard spacer or the like between the roof rack and hard top.

Fig. 45

As shown in Fig. 45, all Gobi Bronco support brackets and hardware needed to support the roof rack is laid out as follows:

C- Main roof rack support bracket passenger and driver

C1- Main support bracket hardware:

4- 3/8-16 x 1" hex head screw

8- 3/8" Flat washer

4- 3/8" Nylock nuts

D- Support bracket clamp passenger and driver

D1- Clamp hardware:

2- 5/16-18 x 1" carriage screw

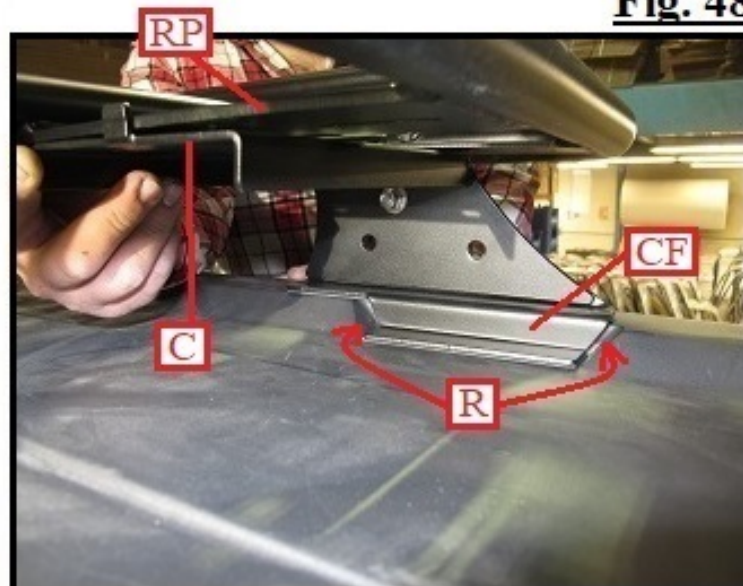
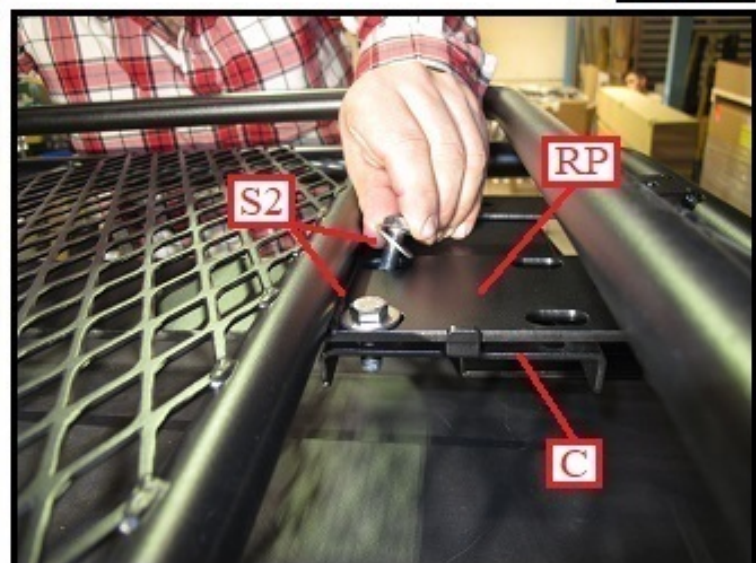
2- 5/16" Flat washer

2- 5/16" Nylock nuts

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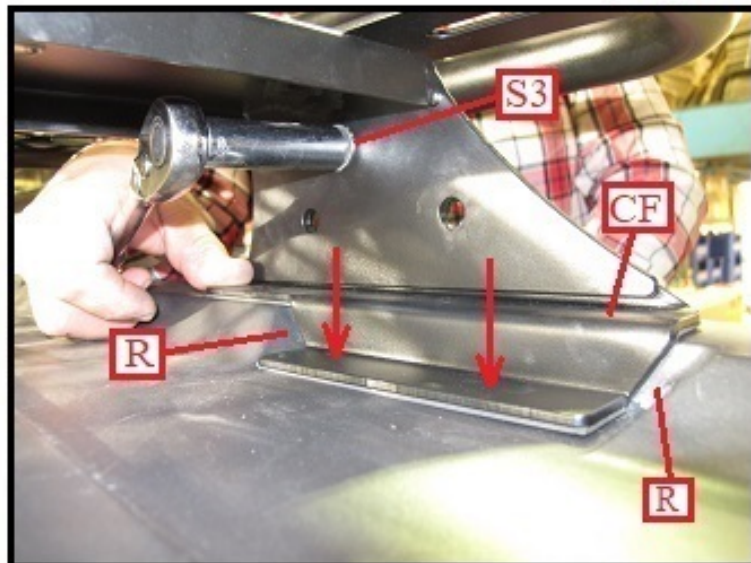
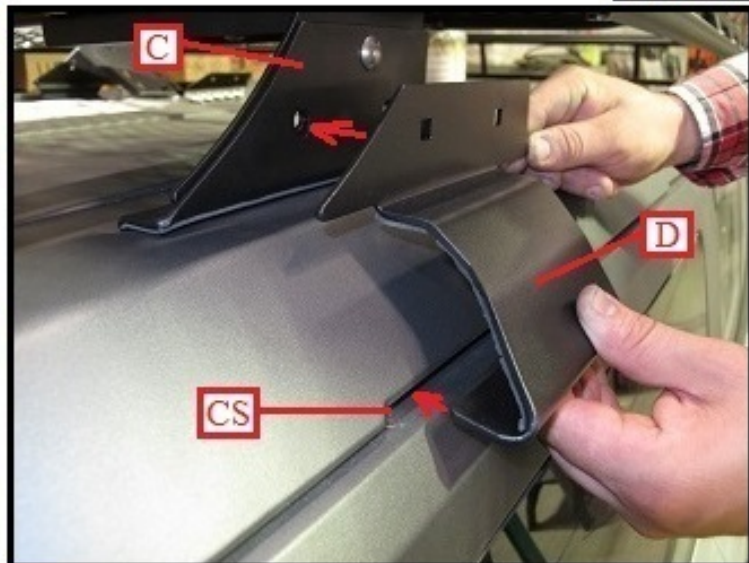
Fig. 46**Fig. 47**

As shown in Fig. 46, clean the entire roof top support bracket recess (R) with clean soap and water to remove all debris. As shown in Fig. 47, slide the passenger side support bracket (C) under the rear of the roof rack and position into roof top passenger side recess (R) as shown in Fig. 48. This may require the help of a friend to lift the roof rack during the installation process.

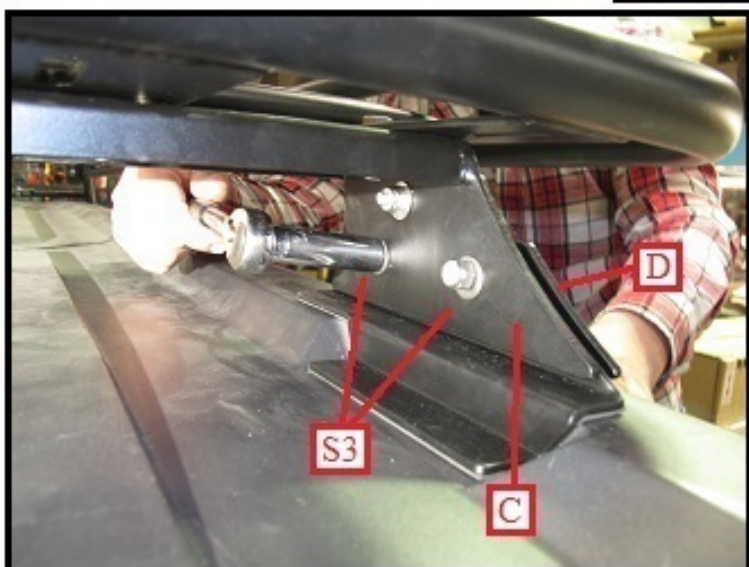
Fig. 48**Fig. 49**

As shown in Fig. 48, position support bracket (C) foot plate (CF) fully into roof top recess (R) and at the same time position the top section of support bracket (C) under roof rack mounting plate (RP) shown in Fig. 48 and Fig. 49. As shown in Fig. 49, remove from hardware kit, Bag #3, four 3/8-16 x 1" hex head screws, eight 3/8" flat washers and four 3/8" nylock nuts (S2) and secure support bracket (C) to roof rack mounting plate (RP). Snug down screws only using a 9/16" box or closed end wrench. Leave some play for later adjustment.

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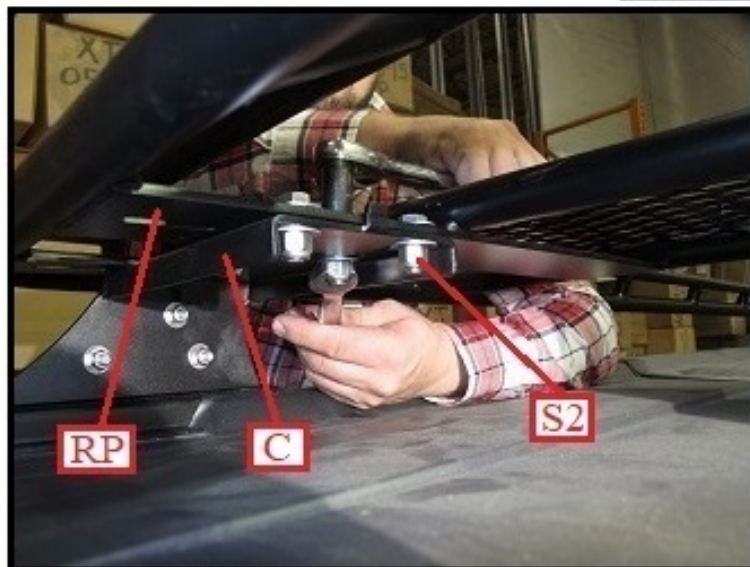
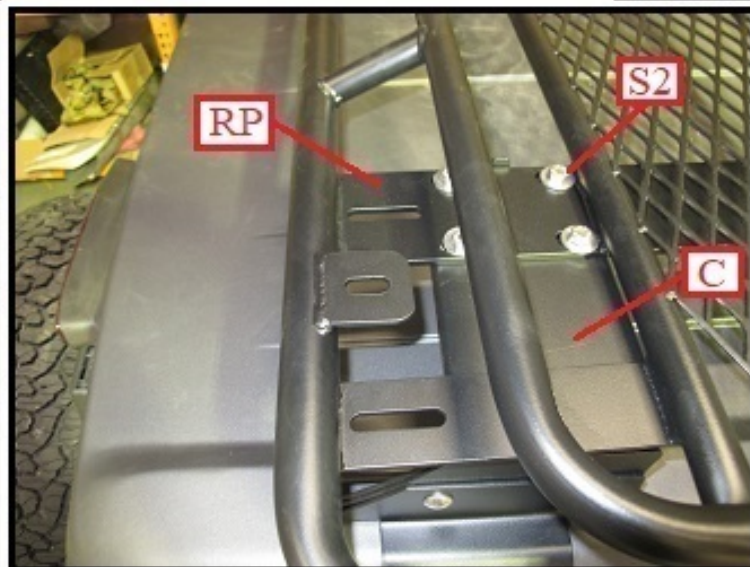
Fig. 50**Fig. 51**

As shown in Fig. 50 by red arrows, adjust foot plate (CF) so that it is in full contact with the roof top recess (R) then fully tighten screw (S3) using a $\frac{1}{2}$ " ratchet or open or closed end wrench. As shown in Fig. 51 slide the passenger clamp plate (D) into the hardtop clamp slot (CS) shown by red arrows and against roof rack support bracket (C).

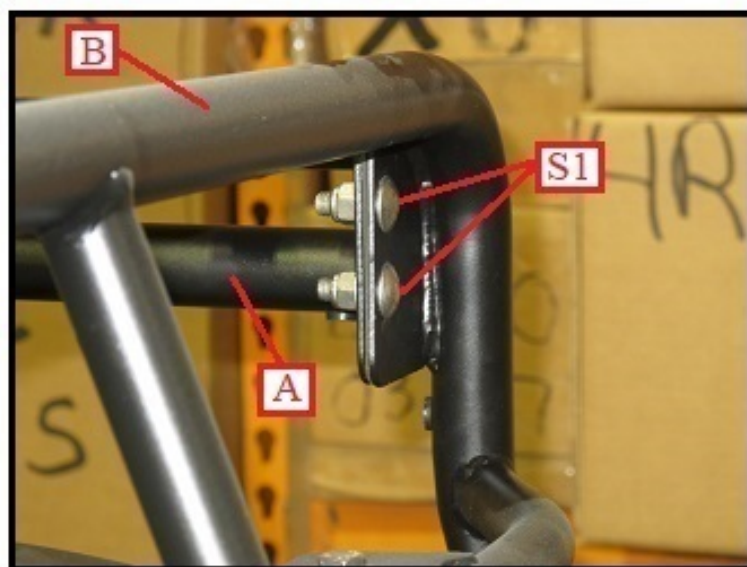
Fig. 52**Fig. 53**

As shown in Fig. 52, slide two $\frac{5}{16}$ -18 x 1" carriage screws (S3) into clamp plate (D) then into support bracket (C). Thread from the back one $\frac{5}{16}$ " flat washer and one $\frac{5}{16}$ " nylock nut onto each screw (S3). Adjust brackets (C) and clamp (D) so the edges align as much as possible then fully tighten both screws (S3) using a $\frac{1}{2}$ " ratchet or open or closed end wrench, to secure support bracket assembly (C) to vehicle hard top. Apply the same procedure to the opposite side.

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Fig. 54**Fig. 55**

As shown in Fig. 54 and Fig. 55, fully tighten all mounting screws (S2) using two 9/16" open or closed end wrenches. Fully securing roof rack mounting plate (RP) to support bracket (C). Apply the same procedure to the opposite side.

**Fig. 56**

Fully tighten both screws (S1) securing light bar (B) to roof rack (A) using a 9/16" open or closed end wrench. Apply the same procedure to the opposite side.

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INSTALLATION COMPLETED