

## GOBI F-150 12TH GEN CREW CAB STEALTH 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.

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

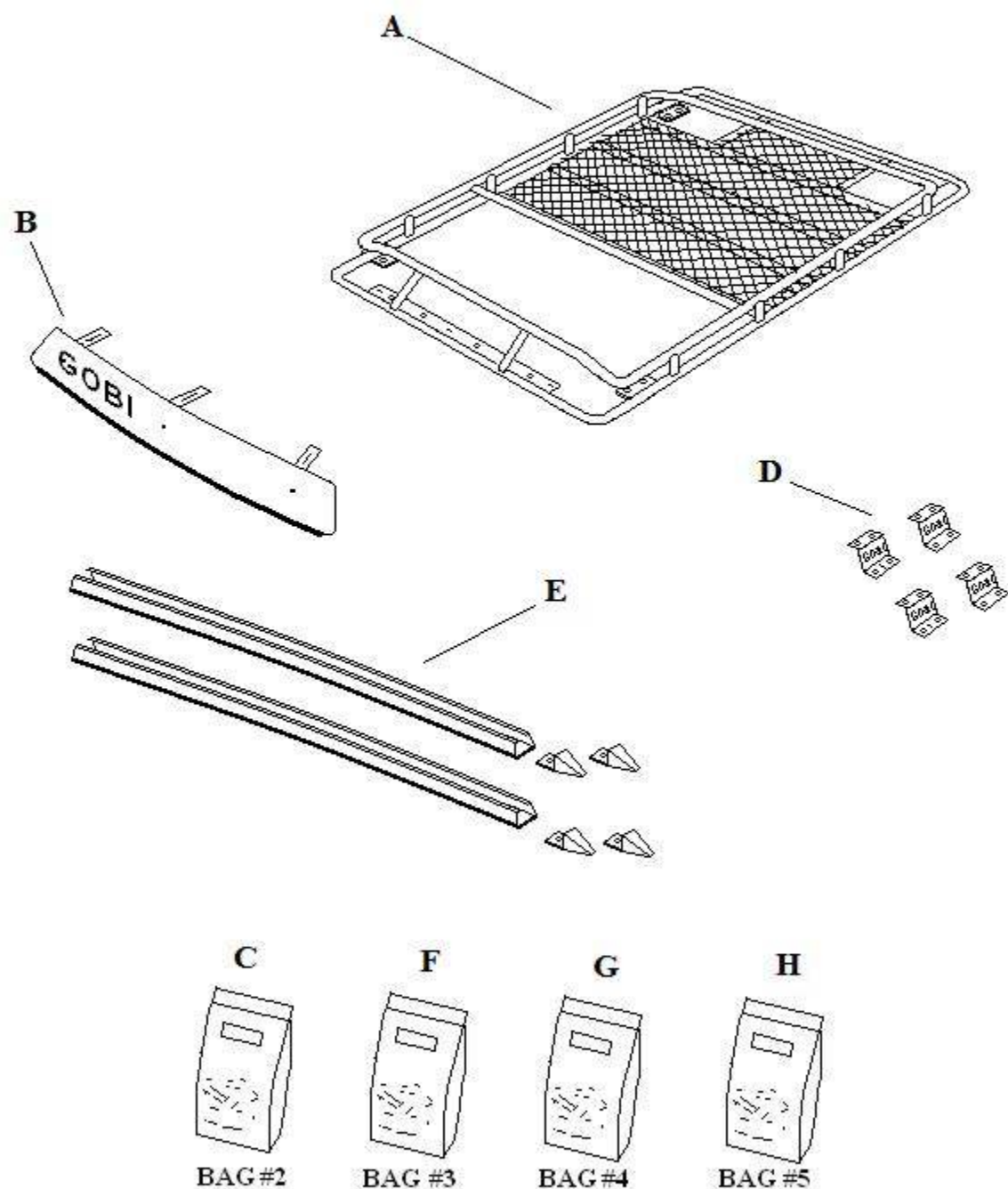
## GOBI F-150 12TH GEN CREW CAB STEALTH ROOF RACK

### INSTALLATION INSTRUCTIONS

Included in kit

Letter	Description	Location	Quantity
A	GOBI FORD F-150 CREW CAB STEALTH ROOF RACK	Main box	1
B	WIND DEFLECTOR COMPLETE	banded to rack	1
C	WIND DEFLECTOR HARDWARE CONTENTS: 3- 1/4-20 x 3/4" SS Button head screw 6- 1/4" Black nylon washer 3- 1/4-20 Nylock nut	<b>BAG #2</b> Banded to Wind deflector	1
D	GOBI SUPPORT BRACKETS	Hardware Box	4
E	ROOF TOP TRACKS	Hardware Box	2
F	ROOF TRACK HARDWARE CONTENTS: 8- 1/4-20 x 3/4" Stainless button head Allen screws 8- #14-5/8" Stainless Neoprene water tight washer 8- 1/4" Stainless Steel lock washers 8- 1/4-20 x 3/8" jack nut #12995 1- Jack nut tool #4JN 1- 1/4-20 x 1" SS hex head screw 1- 1/4" hard washer small ANC-416 1- Packet of Anti-Seiz Lubricant 1- 5/32 Short Allen wrench 1- Sample plate 4" x 4" 3- Extra 1/4 -20 x 3/8" Jack nut #12995 * Use a 7/16" drill bit for jack nut application *	<b>BAG #3</b> Hardware Box  packaged separately	1
G	GOBI SUPPORT BRACKET HARDWARE CONTENTS: 4- "T" Nut steel or aluminum 8- 5/16 - 18 x 1" Stainless button head screw 8- 5/16" Stainless washer 8- 5/16" Stainless lock washer 4- Black rubber pads 1- 3/16" Allen wrench	<b>BAG #4</b> Hardware Box	1
H	GOBI ROOF RACK HARDWARE CONTENTS: 8- 3/8 -16 x 1" SS Hex head screw 16- 3/8" SS Flat washers 8- 3/8" Nylock nuts 4- Black Rubber pads	<b>BAG #5</b> Hardware Box	1

## GOBI F-150 12TH GEN CREW CAB STEALTH ROOF RACK INSTALLATION INSTRUCTIONS

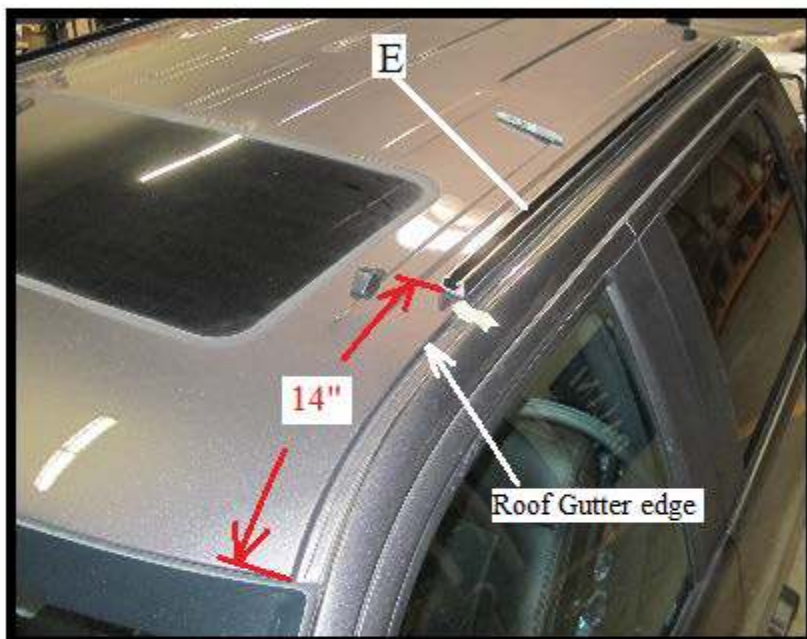




## GOBI F-150 12TH GEN CREW CAB STEALTH ROOF RACK

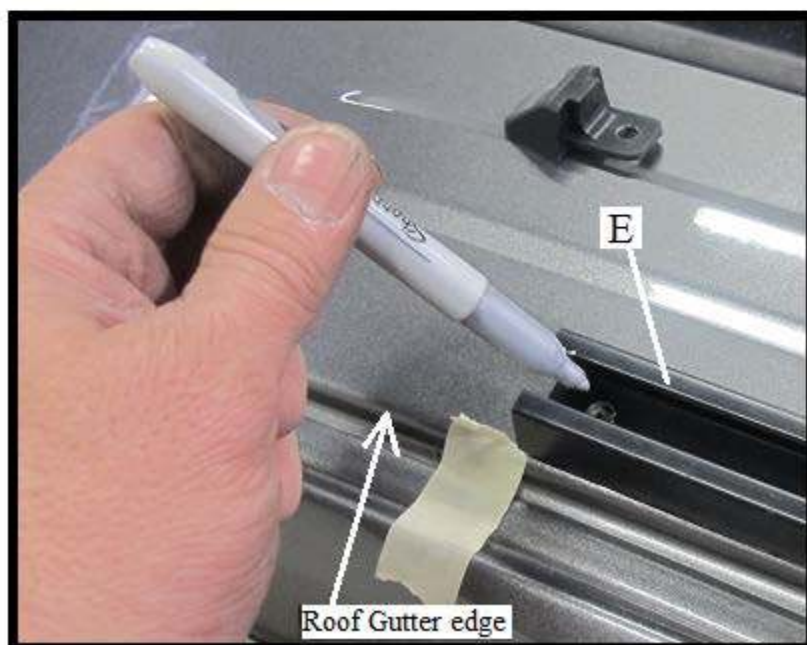
### INSTALLATION INSTRUCTIONS

#### INSTALLATION INSTRUCTIONS:



**Fig. 1**

Refer to page 2 and verify that all hardware is present prior to installation. Remove roof tracks (E) strapped to the top of your roof rack, both tracks are identical. Place one roof track (E) 14" inches from the front of the drivers side vehicle roof top at the edge of the roof gutter as shown in Fig. 1 and Fig. 2 below.



**Fig. 2**

Place a piece of masking tape as a marker at the front end of the driver side track as shown in Fig. 1 and Fig. 2. Using a highly visible colored marker place a dot through each one of the 4 holes in roof track (E). Be very careful not to move the roof track as the marks are being made. Using masking tape to hold down the roof track will help during this process.



## GOBI F-150 12TH GEN CREW CAB STEALTH ROOF RACK

### INSTALLATION INSTRUCTIONS

**Fig. 3**

Using a 1/4" drill bit mark off 1" from the tip of the drill bit back as shown using a piece of masking tape. Do not allow the drill bit to pass much deeper than the 1" mark.

**Fig. 4**

Drill a 1/4" hole no deeper than one inch into the roof at each one of the 4 points previously marked.

**Fig. 5**

Using a 7/16" drill bit mark off 1" from the tip of the drill back as shown using a piece of masking tape. Do not allow the drill bit to pass much deeper than the 1" mark. Drill a larger 7/16" hole through each previously made 1/4" hole.

## GOBI F-150 12TH GEN CREW CAB STEALTH ROOF RACK INSTALLATION INSTRUCTIONS

### ASSEMBLY OF JACK NUT FOR INSTALL INTO ROOF TOP



**G**  
Jack nut  
only

**F**  
1/4-20x1" Stainless hex screw

1/4" Flat washer

4JN jack nut tool  
dimples faced up

1/4-20 jack nut  
with rubber seal

Add anti-seiz lub  
supplied in your  
hardware kit to  
screw before install

**Note:** After you have read pages 7 through 8 and you have never installed jack nuts before use the sample 4" x 4" plate and extra jack nuts supplied in your hardware kit Bag #4 to understand how to correctly install jack nuts. Insert the jack nuts as explained on pages 7 and 8 into the sample plate and tighten down firmly until the jack nut is fully compressed and feels secure then remove the 1/4-20 x 1" hex screw. Also try to overtighten a jack nut to understand how much pressure you can apply before damaging the jack nut. Remember to apply Anti-seiz lub during each jack nut install. This short exercise will prevent complications during the actual install.



## GOBI F-150 12TH GEN CREW CAB STEALTH ROOF RACK

### INSTALLATION INSTRUCTIONS

**Fig. 6**

Clean the surface around each drilled hole with denatured alcohol prior to installing Jack nuts. Insert Jack nut assembly (F) into drilled roof top hole as shown and hold down firmly.

**Fig. 7**

Use a 7/16" ratchet or box end wrench and turn hex screw clockwise to tighten. Only tighten Jack nut until you feel the tightening become firm, do not overtighten.

**Fig. 8**

Use the sample plate and extra Jack nuts supplied with your hardware kit to learn how to install a Jack nut and to understand how much pressure to apply to the Jack nuts when fully locked in place.

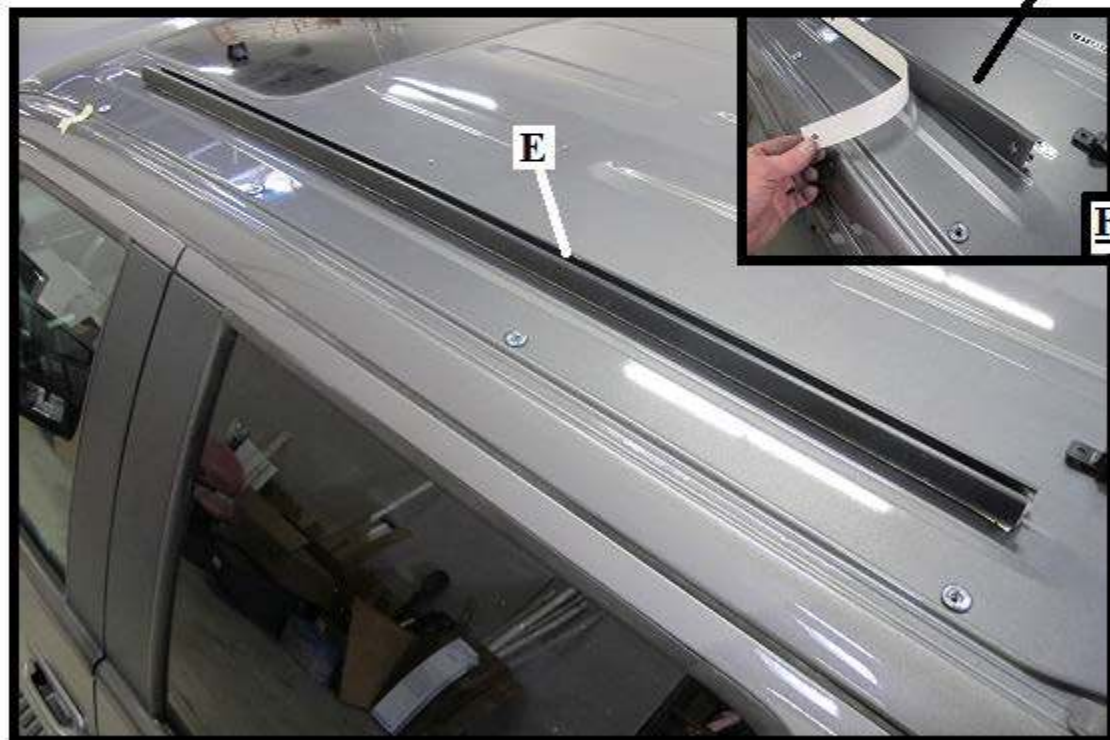


## GOBI F-150 12TH GEN CREW CAB STEALTH ROOF RACK

### INSTALLATION INSTRUCTIONS

**Fig. 9**

Once you have tightened a Jack nut in place remove the 1/4-20 x 1" hex screw, flat washer and Jack nut tool and proceed to install the remaining 7 Jack nuts in place. Remember to apply Anti-seize lubricant to the 1/4-20 x 1" hex screw each time a jack nut is installed.

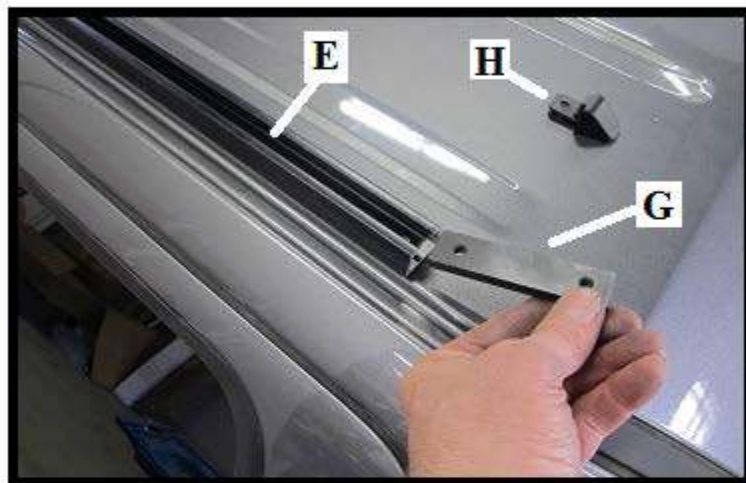
**Fig. 10****Fig 10a**

After all jack nuts have been installed as shown above in Fig. 10 remove the white protective strip off the bottom of roof track (E) Fig. 10a. Place the roof track over the jack nuts and align the 4 holes to the jack nuts just previously installed. Thread two 1/4-20 x 3/4" Allen screws, lock washers and watertight neoprene washers located in Bag #3 as shown on page 9 Fig. 12 through the two most center roof track holes and into roof top jack nuts. Finger tighten only with the 5/32" Allen wrench supplied in Bag #3.



## GOBI F-150 12TH GEN CREW CAB STEALTH ROOF RACK

### INSTALLATION INSTRUCTIONS

**Fig. 11**

Install T-nuts into roof track (E), one per end as shown in Fig. 11 for a total of 4 T-nuts per roof track. Then install end cap (H) as shown in Fig. 12.

**Fig. 12**

Using the 1/4-20 x 3/4" button head Allen screws, lock washers and water tight neoprene washers (J) located in Bag #3 of your hardware kit set washers at the end of the screw as shown in Fig. 12 and slip into track (E) then into end cap (H) and secure in place using the 5/32" short Allen wrench supplied in Bag #3, do not overtighten. Apply the same procedure to the opposite end of roof track (E). Tighten all remaining screws and apply the same procedure to the passenger side roof track.

## GOBI F-150 12TH GEN CREW CAB STEALTH ROOF RACK

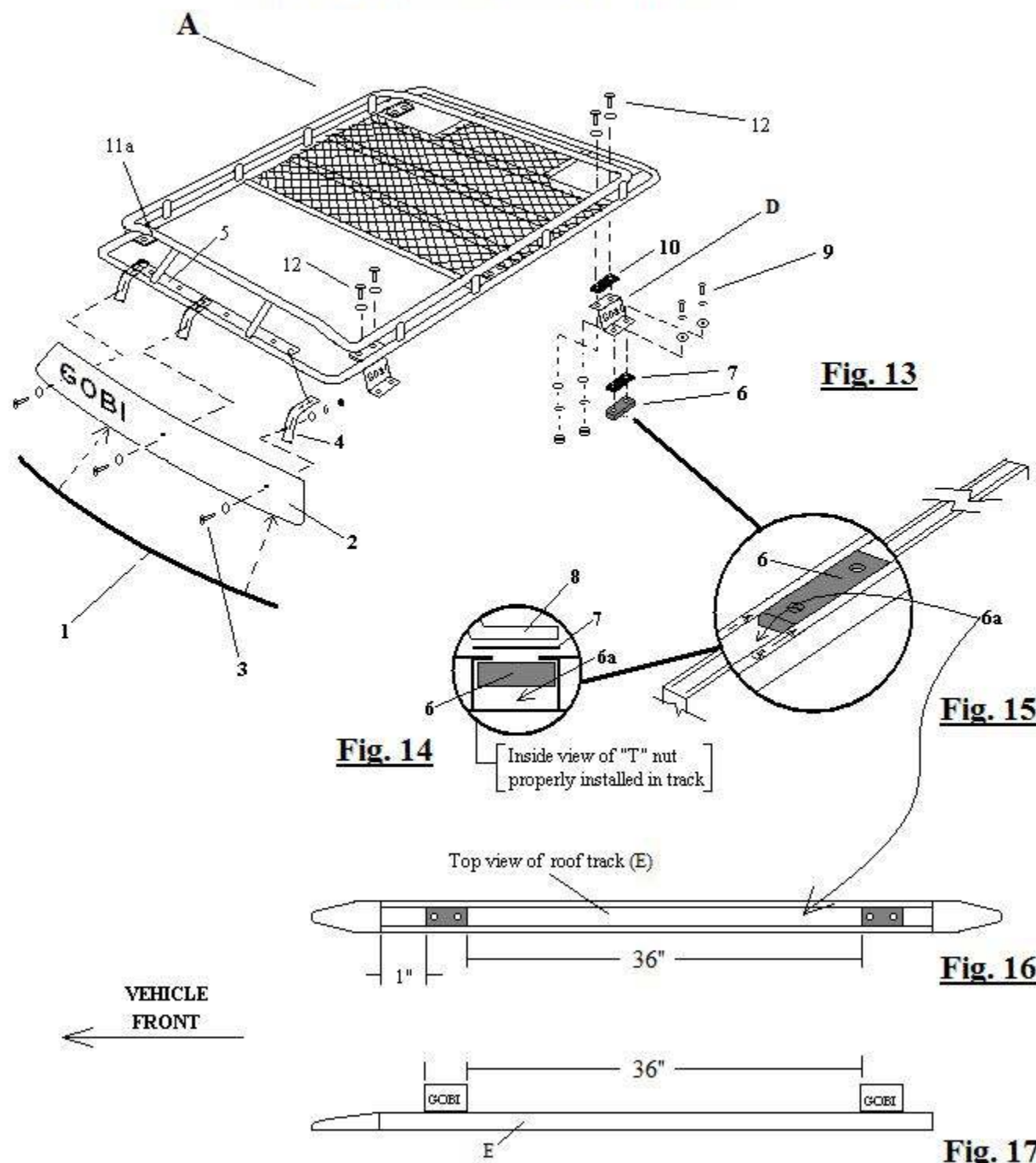
### INSTALLATION INSTRUCTIONS

- 1- After both roof tracks have been installed onto the roof top of your vehicle along with 2 T-nuts per track refer to page 11 Fig. 16. Slide the T-nuts previously install into roof tracks (E) to the positions called out in Fig. 16 from the front of the track facing the front of the vehicle to the rear.
- 2- Install all 4 roof rack support brackets (D) onto the 4 T-nuts (6) previously installed into roof track (E) use a 3/16" Allen wrench and the screw hardware in Bag #4 of your hardware kit and thread two 5/16-18 x 1" Button head Allen screws, lock washers and flat washers (9) through support bracket (D) then through flat black rubber pad (7) then into T-nut as shown in Fig. 13 and Fig. 14. Do not fully tighten screws down leave snug for adjustment.
- 3- Refer to page 11 Fig. 13 and with the help of another person set Gobi roof rack (A) onto support brackets (D) and direct welded in flanges (11a) of roof rack (A) onto each of the 4 support brackets (D) as shown in Fig. 13. Make certain rubber pads (10) supplied in Bag #5 is placed between roof rack flange (11a) and support brackets (D). Use two 3/8-16 x 1" hex screws, 2 flat washers located in Bag #5 and thread down through roof rack flange (11a) and through rubber pad (10) and through support bracket (D) then use two 3/8" flat washers and two yellow zinc nylock nuts to hold in place, finger tighten only at this time. Apply the same procedure to the other 5 support brackets. Once all brackets are bolted in place check again to make certain all support brackets are in their correct positions in the roof track by referring to Fig. 16 and Fig. 17. Once bracket placement is confirmed fully tighten all support brackets to the roof track using the 3/16" short Allen wrench supplied in your hardware kit then fully tighten all support bracket to the roof rack using a 9/16" box end wrench and a 9/16" ratchet wrench.

**Roof rack installation is now completed. Refer to Gobi F-150 roof rack wind deflector installation instructions located in hardware bag attached to wind deflector. Wind deflector is banded to roof rack expanded metal deck for shipping.**



## GOBI F-150 12TH GEN CREW CAB STEALTH ROOF RACK INSTALLATION INSTRUCTIONS



## GOBI F-150 12TH GEN CREW CAB STEALTH ROOF RACK INSTALLATION INSTRUCTIONS



## INSTALLATION COMPLETED