



# TYGER®

## TYGER GUARD™

TG-GD6F60098

### BEFORE INSTALLATION

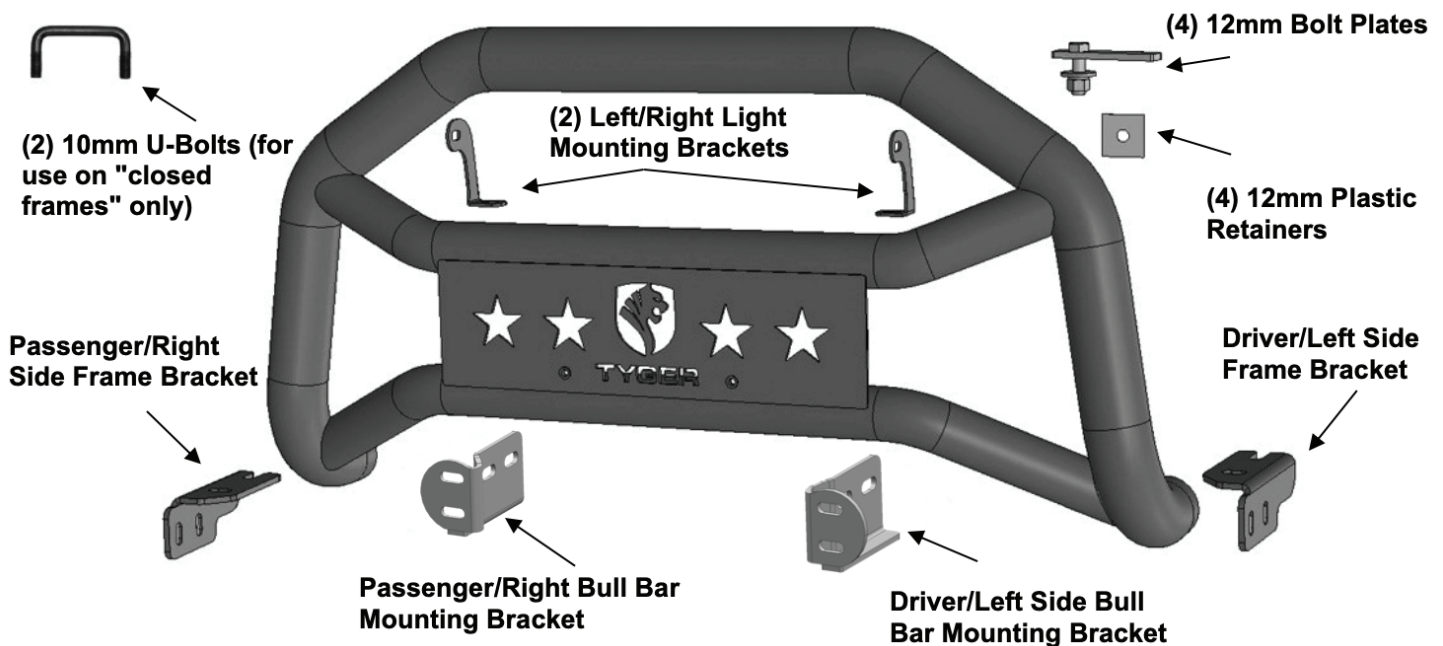
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT. FAILURE TO IDENTIFY DAMAGE BEFORE INSTALLATION COULD LEAD TO A REJECTION OF ANY CLAIM. IF MISSING PARTS OR ANY DAMAGE FOUND, PLEASE TAKE A PICTURE FOR THE CLAIM PURPOSE. TO FILE YOUR CLAIM, PLEASE VISIT: [WWW.TYGERAUTO.COM/CONTACT](http://WWW.TYGERAUTO.COM/CONTACT)

### TORQUE VALUES

Fastener Size	Class 8.8 Torque (ft-lbs)	Class 10.9 Torque (ft-lbs)
6mm	6-7	6-7
8mm	15-16	22-23
10mm	31-32	44-45
12mm	54-55	78-79
14mm	87-88	125-126

### Parts List

- x1 Tyger Guard
- x1 Driver/left Frame Bracket
- x1 Passenger/right Frame Bracket
- x1 Driver/left Mounting Bracket
- x1 Passenger/right Mounting Bracket
- x4 12mm x 40mm Bolt Plates
- x4 12mm x 32mm OD x 3mm Flat Washer
- x4 12mm Lock Washers
- x4 12-1.75mm Hex Nuts
- x2 10mm U-Bolt (for use on "closed frames" only)
- x4 10-1.50mm x 35mm Hex Bolts
- x12 10mm x 27mm OD x 3mm Flat Washers
- x8 10mm-1.50 Nylon Lock Nuts
- x4 8-1.25mm x 35mm Hex Bolts
- x4 8mm x 22mm OD x 2mm Flat Washers
- x4 8mm Lock Washers
- x2 6-1.0mm x 20mm Combo Bolts(license plate)
- x1 Wrench S=4





## STEP 1

Determine if the vehicle is equipped with tow hooks, (Fig 1).

### Vehicles with Factory Tow Hooks

(NOTE: Tow hooks cannot be reinstalled)

a. Remove each tow hook by removing the front bolt and only loosening the rear bolt (Fig 2). Slide the tow hook off. Keep the factory double nut plate in the frame and aligned with the holes.

**NOTE:** On **15-UP models**, first remove tow hook. Pull seal around tow hook in toward vehicle to release from back of bumper. Once released from bumper, pull seal out through tow hook opening. Seal cannot be reinstalled.

Remove tow hooks if equipped

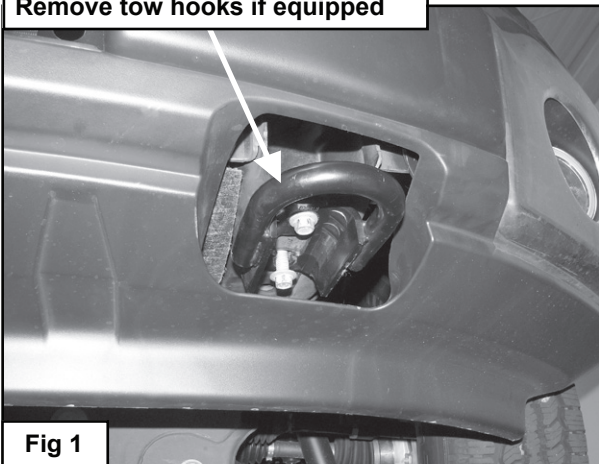


Fig 1

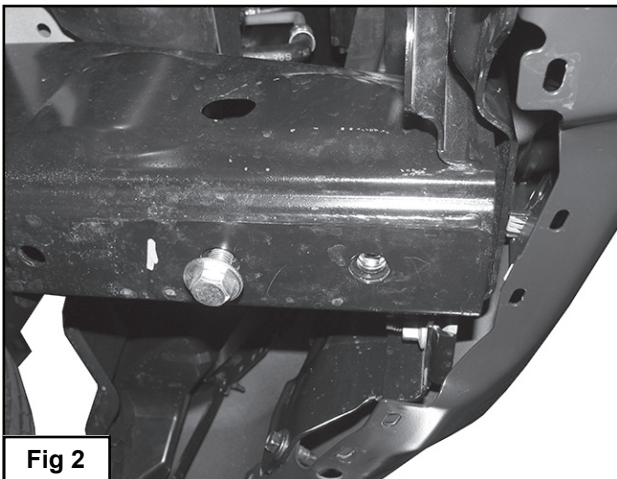
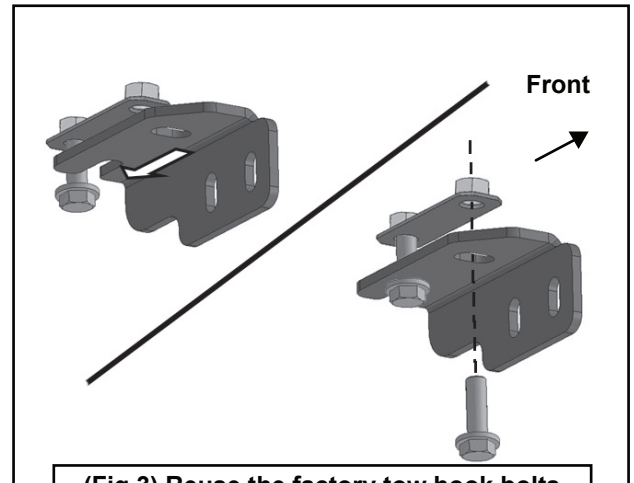


Fig 2

b. Select the driver side Frame Bracket. Position the Bracket up to the bottom of the frame. Reuse the tow hook hardware to attach the Bracket to the bottom of the frame and factory double nut plate (Fig 3).



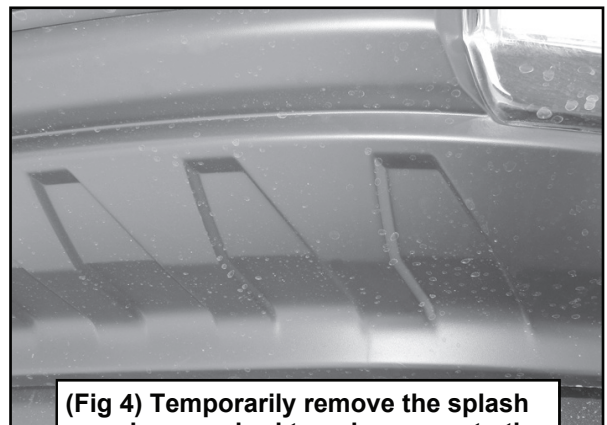
(Fig 3) Reuse the factory tow hook bolts

c. Repeat to install the passenger side Frame Bracket.

d. Skip to **STEP 2**.

### All vehicles without Tow Hooks

Remove the lower plastic portion of the bumper to gain access to the ends of the frame rails (Fig 4). The lower bumper or splash guard will need to be cut out to allow the Mounting Brackets and end of Bull Bar to pass through (**STEP 4**). On some models, access to the mounting hardware is limited. For access, first remove the plastic bumper cover from each side of the opening and in the center of the bumper (Fig 5).



(Fig 4) Temporarily remove the splash guard as required to gain access to the front of the frame channel.



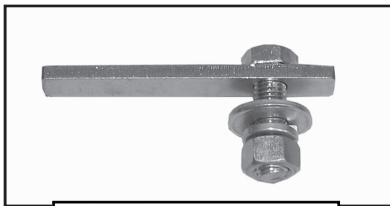
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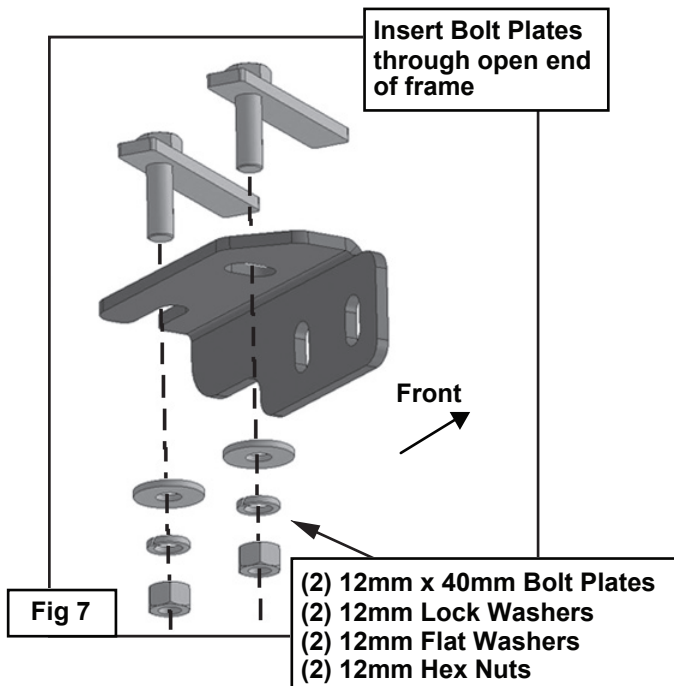
(Fig 5) Remove bumper pads to access splash guard hardware if necessary. 2015 F150 pictured

#### Vehicles without Tow Hooks and open end of frame

a. Starting on the driver side of the vehicle, insert (2) 12mm Bolt Plates through the opening in the end of the frame and down through the hole in the bottom of the frame (Figs 6 & 7).



(Fig 6) 12mm x 40mm Bolt Plates



b. Attach the Bracket to the Bolt Plates with (2) 12mm Flat Washer, (2) 12mm Lock Washers and (2) 12mm Hex Nuts (Fig 6B).

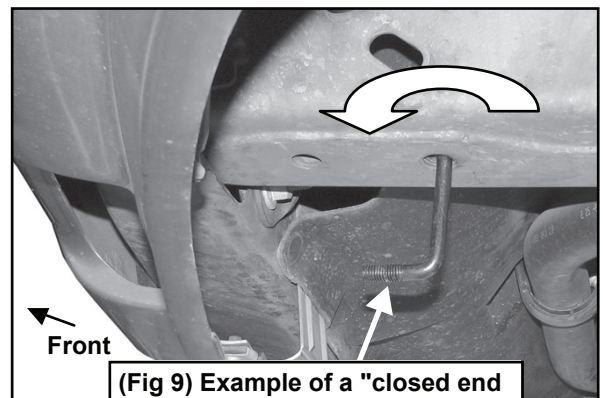
c. Snug but do not tighten the hardware at this time.

d. Repeat to install the passenger side Frame Bracket.

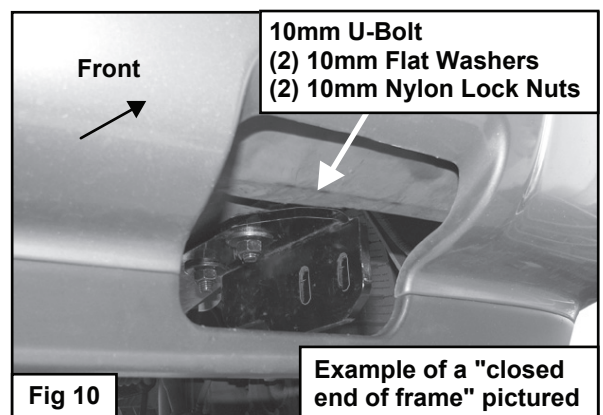
#### Vehicles without Tow Hooks, closed end of frame

a. Starting on the driver side of the vehicle, locate the two holes on the bottom of the frame. Insert (1) 10mm U-Bolt into one hole and out the other (Figs 8 & 9).

(Fig 8) 10mm U-Bolt



b. Attach the driver side Frame Bracket to the U-Bolt with (2) 10mm Flat Washers and (2) 10mm Nylon Lock Nuts (Fig 10).



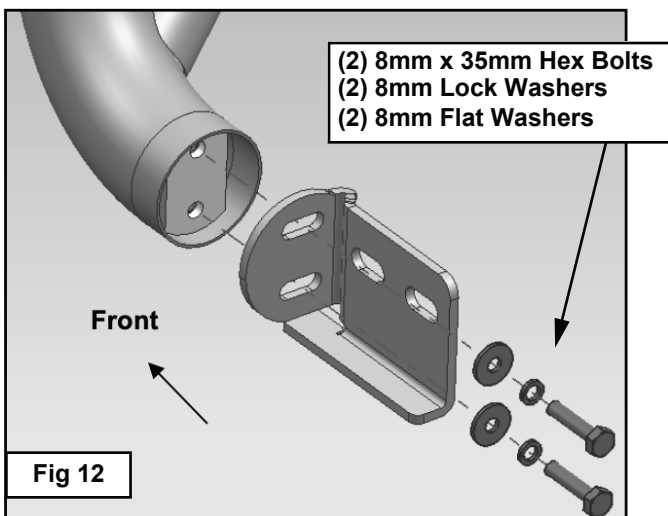
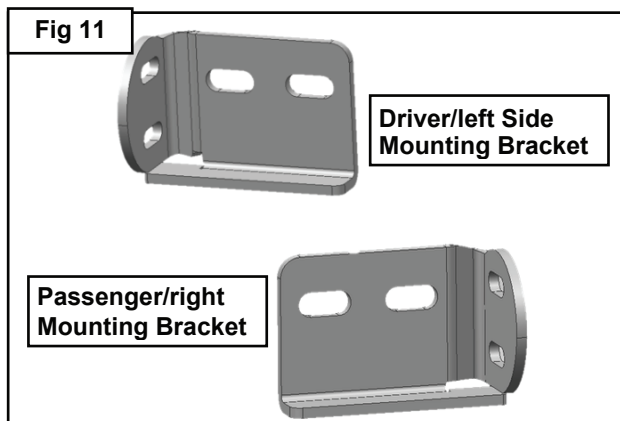


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- c. Snug but do not tighten the hardware.
- d. Repeat to install the passenger side frame Bracket.

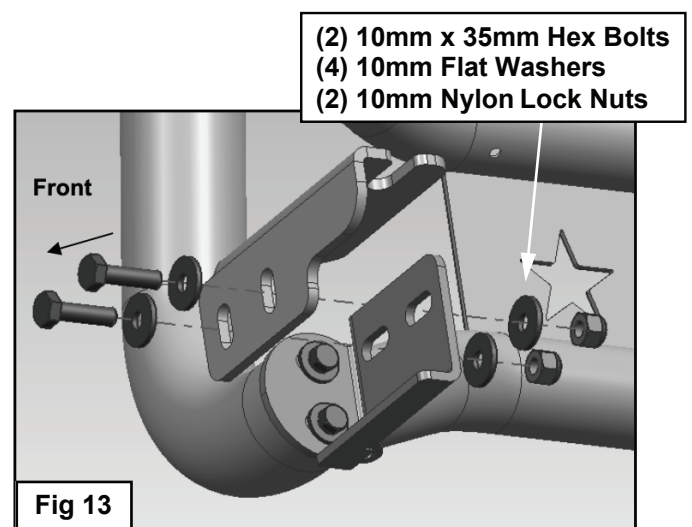
## STEP 2

Next, carefully unwrap the Tyger Guard. Select the driver side Mounting Bracket (Fig 11). Attach the Bracket to the end of the tube with (2) 8mm x 35mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers (Fig 12). Center the mounting flange on the Bracket with the end of the tube. Snug but do not tighten hardware. Repeat this STEP to install the passenger side Mounting Bracket.



## STEP 3

With assistance, line up the mounting tabs on the Bull Bar with the inside of the (2) previously installed Frame Mounting Brackets. Attach the Tyger Guard to the Brackets with the included (4) 10mm x 35mm Hex Bolts, (8) 10mm Flat Washers, (2) 10mm Nylon Lock Nuts (Fig 13). Snug but DO NOT tighten hardware at this time.



## STEP 4

Level and adjust the Tyger Guard properly and tighten all hardware.

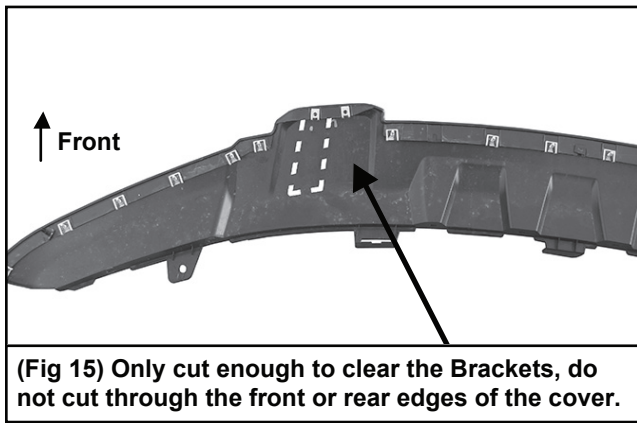
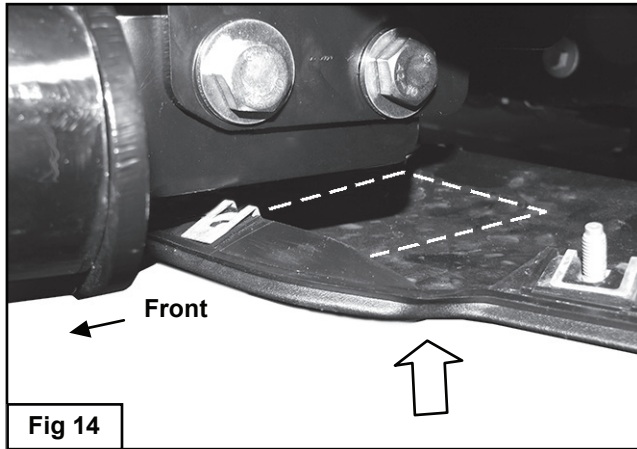
**Models without openings in lower bumper/splash guard for tow hooks.**

- a. Hold the splash guard up to the bottom of the bumper and Brackets (Fig 14). Trace the location of both Brackets onto the back of the cover (Fig 15).
- b. Temporarily remove the Tyger Guard with attached Tube Brackets only.
- c. Cut openings in the cover to clear the Frame Brackets and end of Bull Bar as necessary. For best results, start with a small slot and slowly enlarge the opening to clear the Brackets.
- d. Once cover is properly fit to the Brackets, reinstall the cover and Tyger Guard as previously described.
- e. Fully tighten all hardware.





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## STEP 6

Do periodic inspections to the installation to make sure that all hardware is secure and tight.



## STEP 5

Attach the license plate, (if required), to the threaded holes in the front of the Tyger Guard with (2) 6mm Combo Bolts (Fig 16).

