



TYGER GUARD™

TG-GD6F60098

BEFORE INSTALLATION

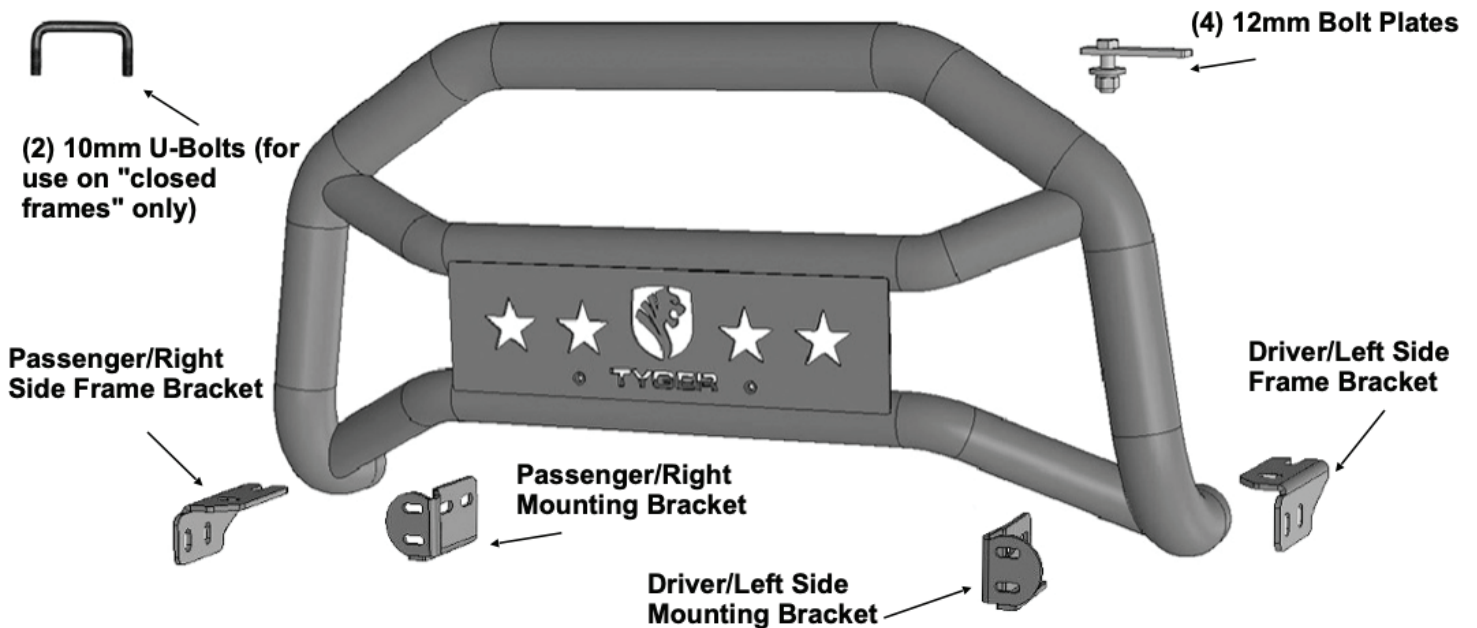
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT. FAILURE TO IDENTIFY DAMAGE BEFORE INSTALLATION COULD LEAD TO A REJECTION OF ANY CLAIM. IF MISSING PARTS OR ANY DAMAGE FOUND, PLEASE TAKE A PICTURE FOR THE CLAIM PURPOSE. TO FILE YOUR CLAIM,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

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

- 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
- x4 10mm Lock Washers
- x4 10mm-1.50 Hex nuts
- x4 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 (for license plate)
- x1 Wrench S4

Parts List



PROCEDURE:

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. CUTTING MAY BE REQUIRED. ASSISTANCE IS RECOMMENDED.

STEP 1

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

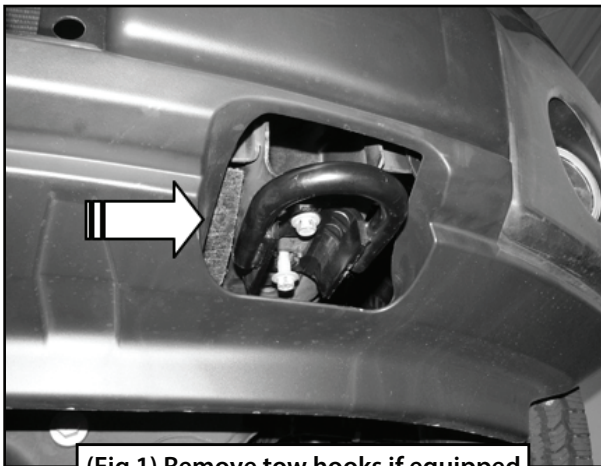
Vehicles with Factory Tow Hooks

(NOTE: Tow hooks cannot be reinstalled)

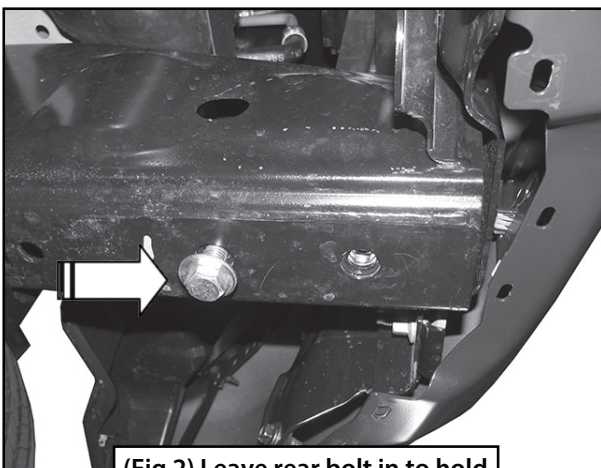
a. Remove each tow hook by removing the front bolt and only loosening the rear bolt (Fig 2). Slide the tow hook off. Keep the factory double nut plate in the frame and aligned with the holes.

NOTE: On **2015-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.

Driver/left Side Installation Pictured

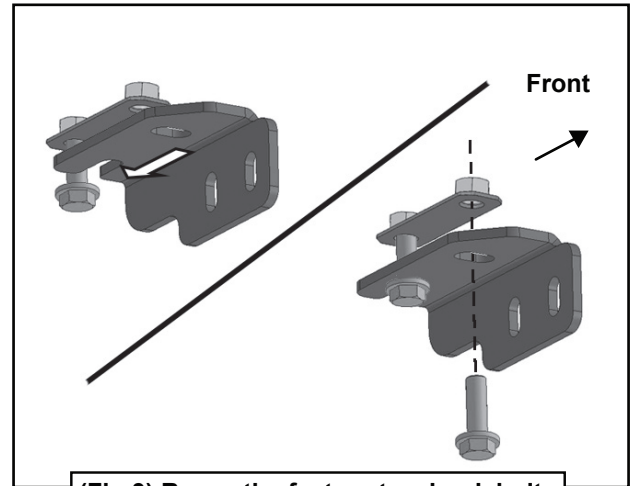


(Fig 1) Remove tow hooks if equipped



(Fig 2) Leave rear bolt in to hold nut plate in place inside frame

b. Select the driver/left side Frame Bracket (Fig 3). 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).



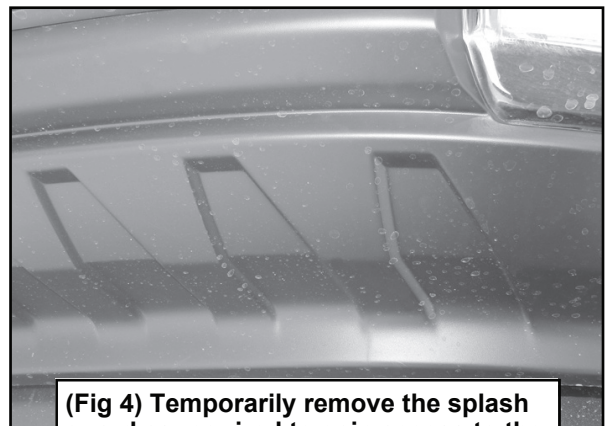
(Fig 3) Reuse the factory tow hook bolts

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 end of the frame (Fig 4). The lower bumper or splash guard will need to be cut out to allow the Mounting Brackets and end of Tyger Guard 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.

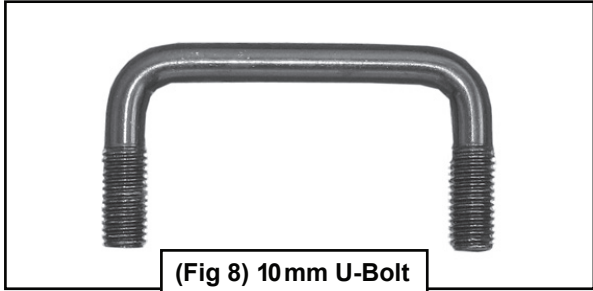


(Fig 5) Remove bumper pads to access splash guard hardware if necessary. Driver/left side of 2015 model F150 pictured

- b. Attach the Bracket to the Bolt Plates with (2) 12mm Flat Washer, (2) 12mm Lock Washers and (2) 12mm Hex Nuts (Fig 7).
- 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

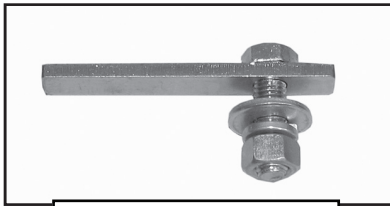
- a. Starting on the driver/left side of the vehicle, locate the two holes on the bottom of the frame. Insert (1) 10mm U-Bolt into one hole and out the other (Figs 8 & 9).



(Fig 8) 10mm U-Bolt

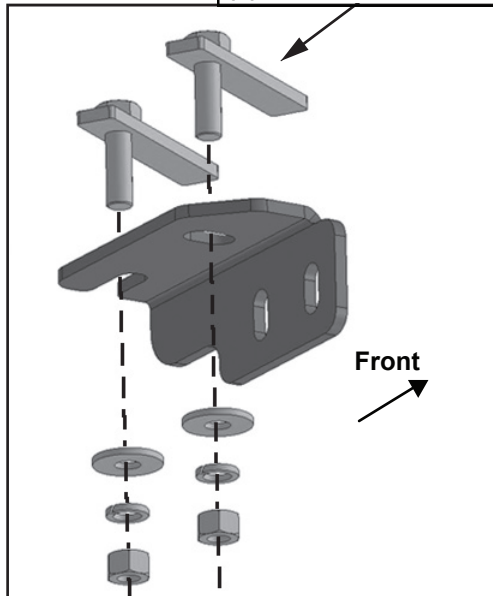
Vehicles without Tow Hooks and open end of frame

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



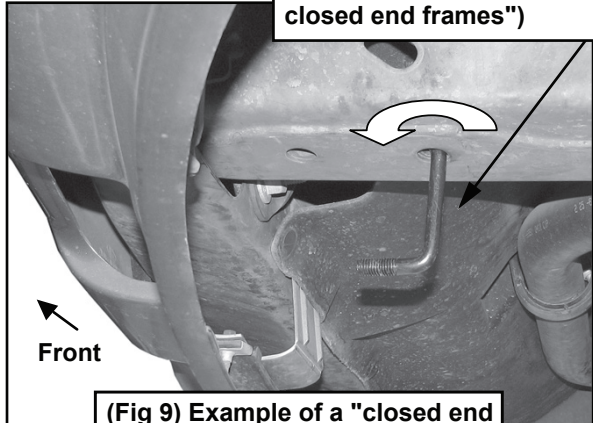
(Fig 6) 12mm x 40mm Bolt Plates

- (2) 12mm x 40mm Bolt Plates
- (2) 12mm Flat Washers
- (2) 12mm Lock Washers
- (2) 12mm Hex Nuts



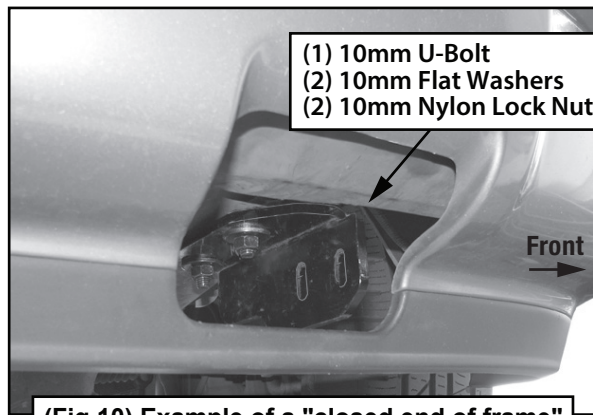
(Fig 7) Insert Bolt Plates into end of frame and down through holes in bottom of frame

Insert 10mm U-Bolt into one hole and out the other. (U-Bolt is only used on vehicles with "closed end frames")



(Fig 9) Example of a "closed end of frame" installation pictured

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

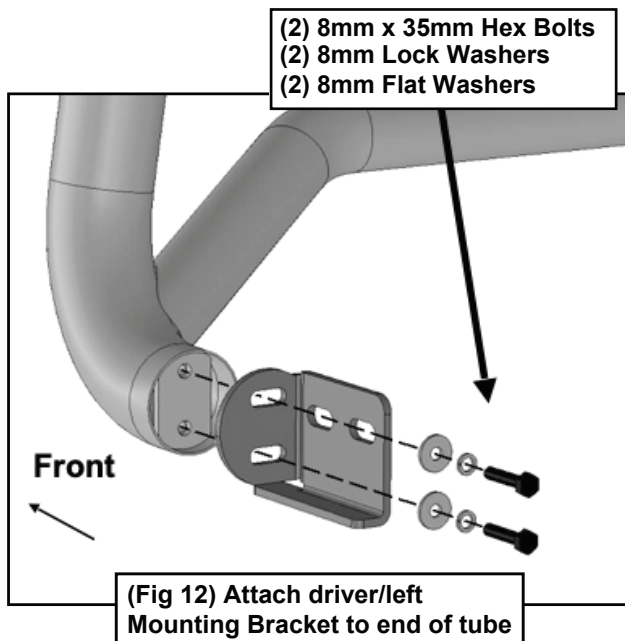
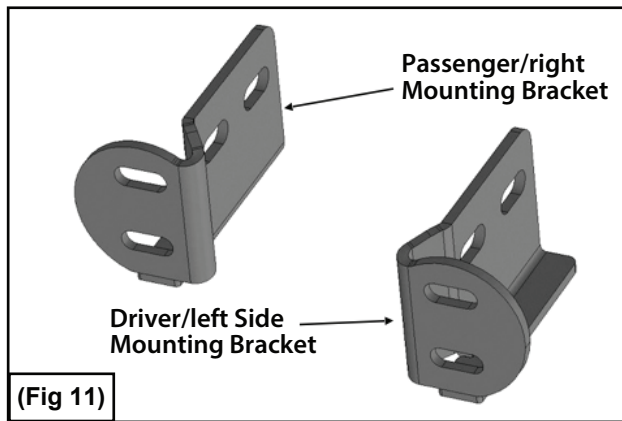


(Fig 10) Example of a "closed end of frame"

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

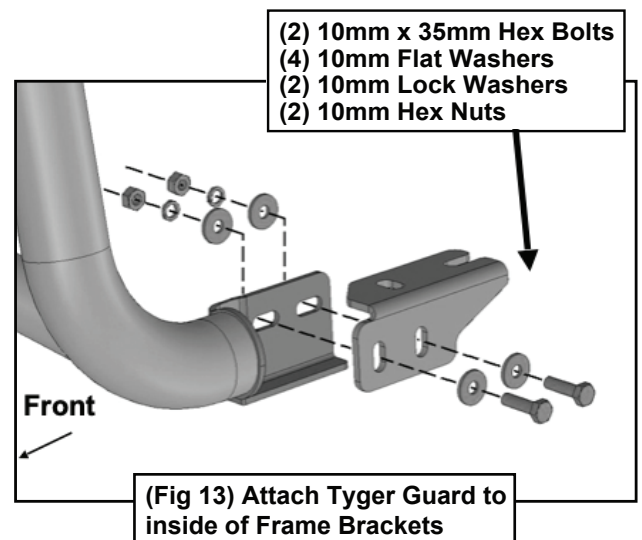
STEP 2

Next, carefully unwrap the Tyger Guard. Select the driver/left 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/right Mounting Bracket.



STEP 3

With assistance, line up the mounting tabs on the Tyger Guard 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, (4) 10mm Lock Washers and (4) 10mm Hex Nuts (Fig 13). Snug but DO NOT tighten hardware at this time.

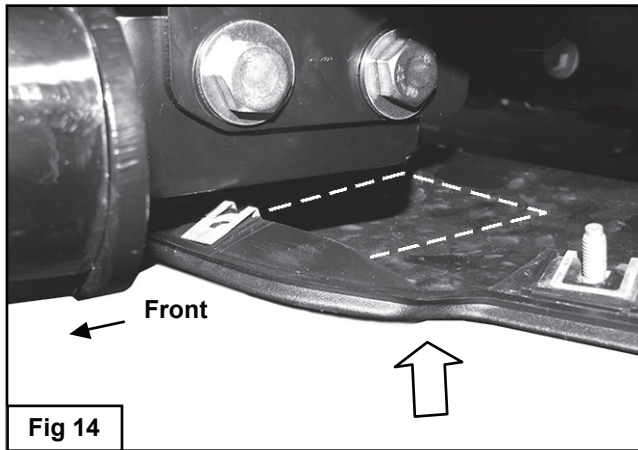


STEP 4

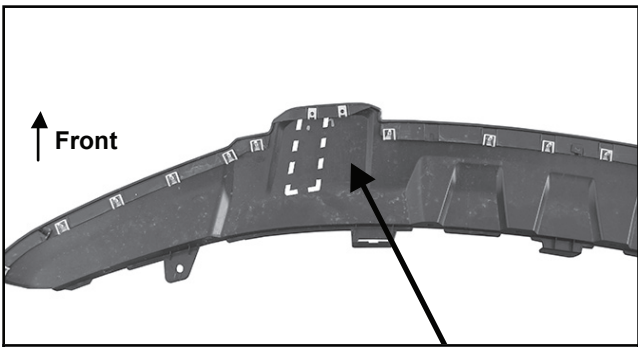
Level and adjust the Tyger Guard properly and tighten all hardware.

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).



Hold the splash guard up to the bottom of the Brackets. Trace the location of the Brackets onto the inside of the splash guard. Use a sharp knife or hacksaw blade to cut out the plastic cover. Only cut enough to clear the Brackets, DO NOT cut through the front or rear edges of the cover.

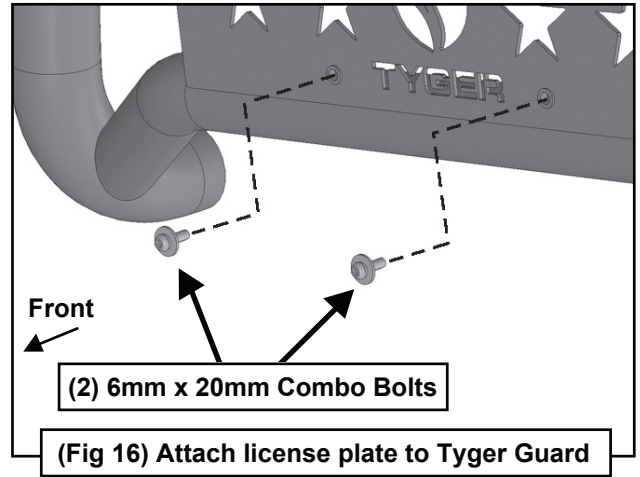


(Fig 15) Only cut enough to clear the Brackets, do not cut through the front or rear edges of the cover.

- 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.

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).



STEP 6

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



Complete Installation