



BARDE Bull Bar Installation Instructions

PART NO. IBCJF03

Fits: 2004 - 2023 Ford F150 (Incl. F150 EcoBoost)

Exclude Heritage Edition

Exclude All F150 Raptor Models

Exclude 2020-2022 Diesel Models

Exclude 2022-2023 F150 lightning EV



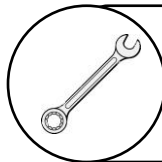
60-120 min



Cutting May
Required

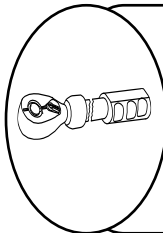


Drilling Not
Required



● **4mm ALLEN WRENCH (INCLUDED).**

● **13mm, 16mm & 18mm RATCHET WRENCH / RATCHET SOCKET(NOT INCLUDED).**



DO NOT OVER TORQUE. PLEASE FOLLOW THE TIGHTEN OPERATING LOAD STANDARD BELOW:

6mm BOLTS & NUTS: FROM 7 TO 8.5 FOOT POUND.

8mm BOLTS & NUTS: FROM 18 TO 20 FOOT POUND.

10mm BOLTS & NUTS: FROM 35 TO 40 FOOT POUND.

12mm BOLTS & NUTS: FROM 60 TO 70 FOOT POUND.

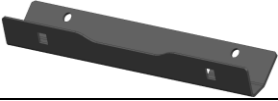

























TO PROTECT YOUR INVESTMENT, DO NOT USE ANY TYPE OF POLISH OR WAX THAT MAY CONTAIN ABRASIVES THAT COULD DAMAGE THE FINISH. MILD SNOOP MAY BE USED TO CLEAN THE RUNNING BOARD.

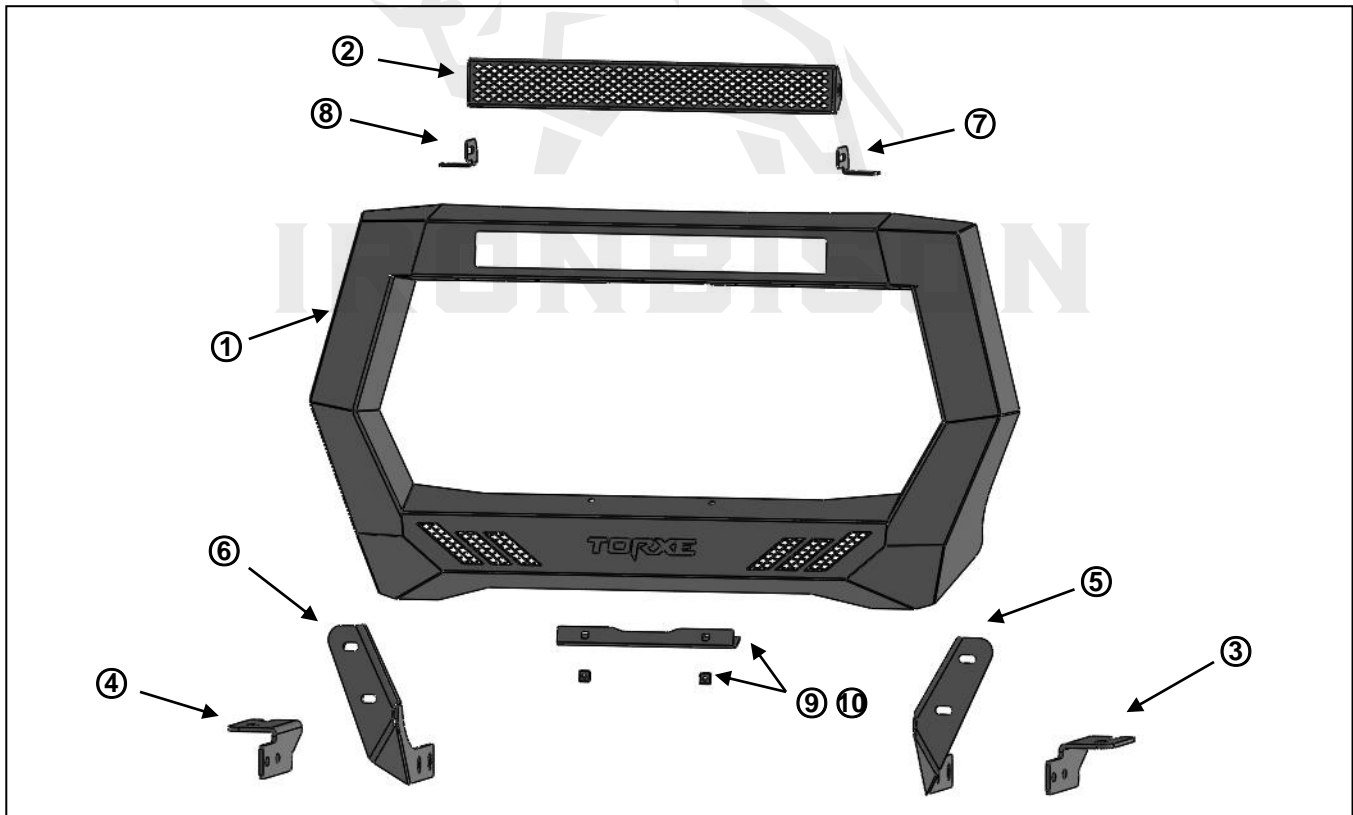
REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT DEPEND ON THE PARTS LIST. READ INSTRUCTIONS CAREFULLY. CUTTING MAY BE REQUIRED. ASSISTANCE IS RECOMMENDED. INSTALLATION MAY INTERFERE WITH FRONT SENSOR/CAMERA OPERATION.



PARTS LIST:

No.	Description	Qty	Image
①	Bull Bar Body	1	
②	Mesh Panel	1	
③	Driver/Left Frame Bracket	1	
④	Passenger/Right Frame Bracket	1	
⑤	Driver/Left Mounting Bracket	1	
⑥	Passenger/Right Mounting Bracket	1	
⑦	Driver/Left L-Bracket	1	
⑧	Passenger/Right L-Bracket	1	
⑨	License Plate Bracket	1	
⑩	License Plate Plugs	2	
For Mounting the Brackets on the Frame (Models with open end of frame)			
⑪	12mm x 40mm Bolt Plates	4	
⑫	12mm Plastic Retainers	4	
⑬	12mm x 32mm OD x 3mm Flat Washers	4	
⑭	12mm Lock Washers	4	
⑮	12-1.75mm Hex Nuts	4	
For Mounting the Brackets on the Frame (Models with closed end of frame)			
⑯	10mm U-Bolts	2	
⑰	10mm Plastic Retainers	4	
⑱	10mm x 30mm OD x 2.5mm Flat Washers	4	
⑲	10mm Lock Washers	4	
⑳	10mm Hex Nuts	4	
For link the Mounting Brackets and Frame Brackets			
㉑	10-1.5mm x 35mm Hex Head Bolts	4	
⑳	10mm x 30mm OD x 2.5mm Flat Washers	8	
⑲	10mm Lock Washers	4	
㉒	10mm Hex Nuts	4	

For Mounting the Brackets on the Bull Bar			
⑫	10mm x 25mm Hex Bolts	4	
⑰	10mm Lock Washers	4	
⑱	10mm x 30mm OD x 2.5mm Flat Washers	4	
For L Brackets and Mesh Panel Mount			
⑳	8mm x 20mm Hex Bolts	4	
㉑	8mm x 24mm OD x 2mm Flat Washers	8	
㉒	8mm Lock Washers	4	
㉓	8mm Hex Nuts	4	
For License Plate Bracket Mount			
㉗	6mm x 20mm Button Head Combo Bolts	2	
㉘	6mm Serrated Flange Nuts	2	
㉙	4mm Hex Wrench	1	



PROCEDURE:

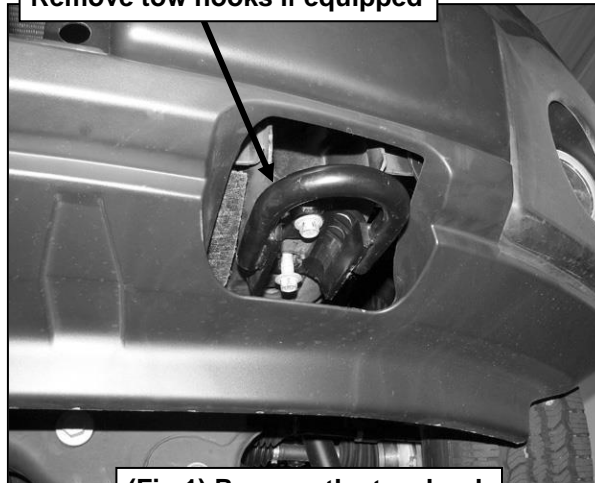
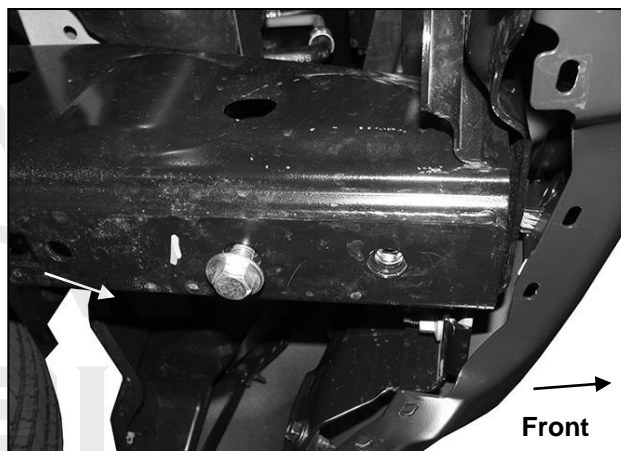
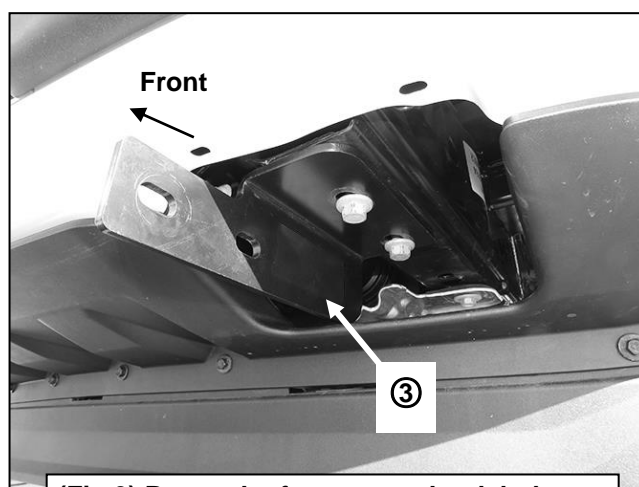
1. Determine if the vehicle is equipped with tow hooks, **(Figure 1)**.

Vehicles with Factory Tow Hooks:

- a. Remove each tow hook by removing the front bolt and only loosen, do not remove, the rear bolt, **(Figure 2)**. Slide the tow hook out of the bumper. Keep the factory double nut plate in the frame and aligned with the holes. **NOTE:** Tow hooks cannot be reinstalled.
- b. Select the Driver/Left Frame Bracket **③**. Reuse the tow hook bolts to attach the Bracket to the bottom of the frame and factory nut plate, **(Figure 3)**. Do not tighten hardware at this time.
- c. Repeat previous **Steps** for the Passenger/Right side. Continue to **Step 3**.

Driver/Left Side Installation Pictured

Remove tow hooks if equipped

**(Fig 1) Remove the tow hook****(Fig 2) Leave rear tow hook bolt in factory nut plate****(Fig 3) Reuse the factory tow hook bolts**

PROCEDURE:**All vehicles without Tow Hooks:**

Remove the splash guard or lower bumper to access the ends of the frame, **(Figure 4)**. **Note:** The lower bumper or splash guard will need to be cut out to allow the Brackets to pass through. On some models, access to the mounting hardware is limited. **Important:** 2015-on model years with fog lights, entire bumper may need to be removed to remove splash guard. For access to hardware, first remove the plastic bumper pad from each side of the opening in the center of the bumper, **(Figure 5)**.

Models with open end of frame:

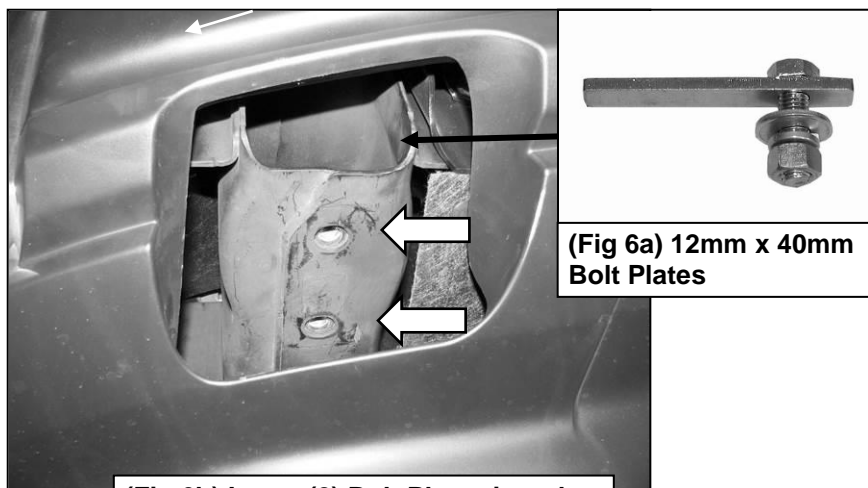
- a. Select (2) 12mm Bolt Plates
 - ①. Insert the (2) Bolt Plates through the opening in the end of the Driver/Left frame and down through the holes in the bottom of the frame, **(Figures 6a & 6b)**. **(Optional)** Thread Plastic Retainers ② onto the Bolt Plates to hold them in place.
- b. Attach the Driver/Left Frame Bracket to the (2) Bolt Plates with (2) 12mm Flat Washers ③, (2) 12mm Lock Washers ④ and (2) 12mm Hex Nuts ⑤, **(Figure 7)**. Do not tighten the hardware.
- c. Repeat previous **Steps** for the Passenger/Right side. Continue to **Step 2**.

Driver/Left Side Installation Pictured

(Fig 4) Models without tow hooks, temporarily remove the splash guard



(Fig 5) Remove bumper pads to access splash guard hardware if necessary. 2017 F150 pictured



(Fig 6a) 12mm x 40mm Bolt Plates

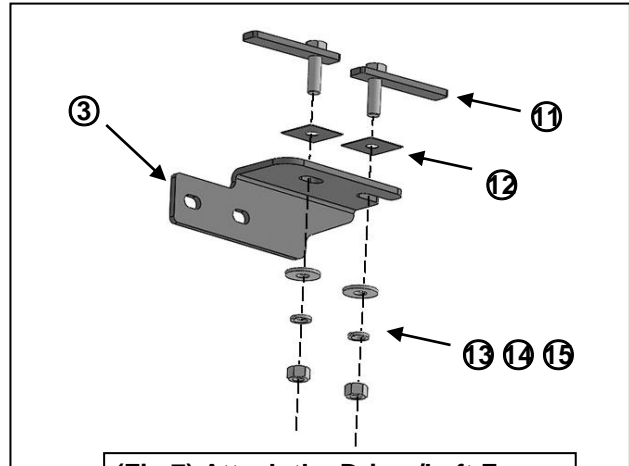
(Fig 6b) Insert (2) Bolt Plates into the holes in the bottom of the frame

PROCEDURE:

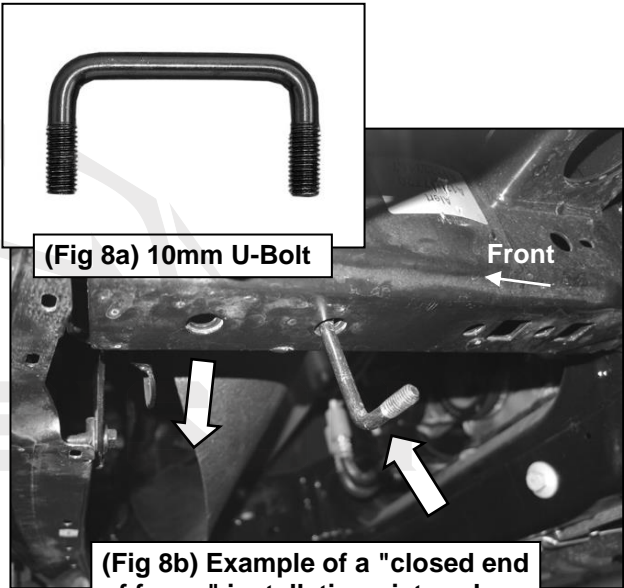
Models with open end of frame:

- a. Select (1) 10mm U-Bolt **16**.
Insert the U-Bolt up into one of the holes in the frame and down through the other, **(Figures 8a & 8b). (Optional)** Thread Plastic Retainers **17** onto the U-Bolt to hold it in place.
- b. Attach the Driver/Left Frame Bracket to the U-Bolt with (2) 10mm x 30mm Flat Washers **18**, (2) 10mm Lock Washers **19**, and (2) 10mm Hex Nuts **20** **(Figure 9)**. Do not tighten Hardware.
- c. Repeat previous **Steps** for the Passenger/Right side. Continue to **Step 2**.

Driver/Left Side Installation Pictured

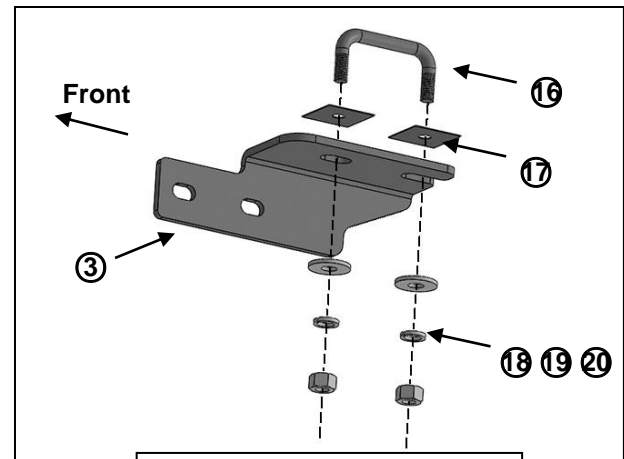


(Fig 7) Attach the Driver/Left Frame Bracket to the (2) Bolt Plates



(Fig 8a) 10mm U-Bolt

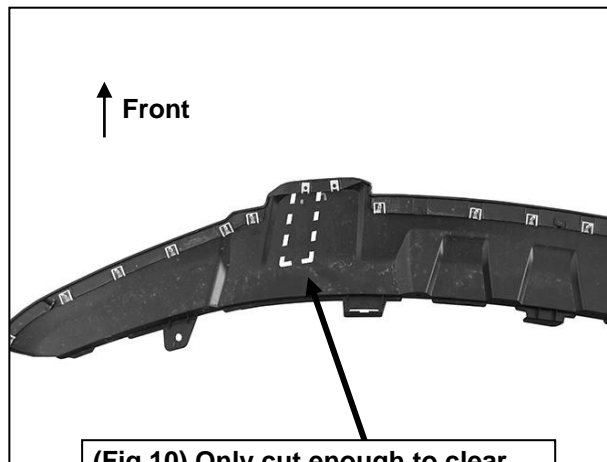
(Fig 8b) Example of a "closed end of frame" installation pictured



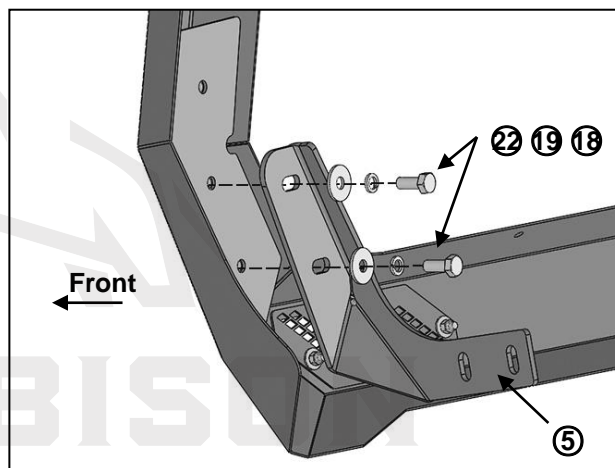
(Fig 9) Attach the Driver/Left Frame Bracket to the U-Bolt

PROCEDURE:

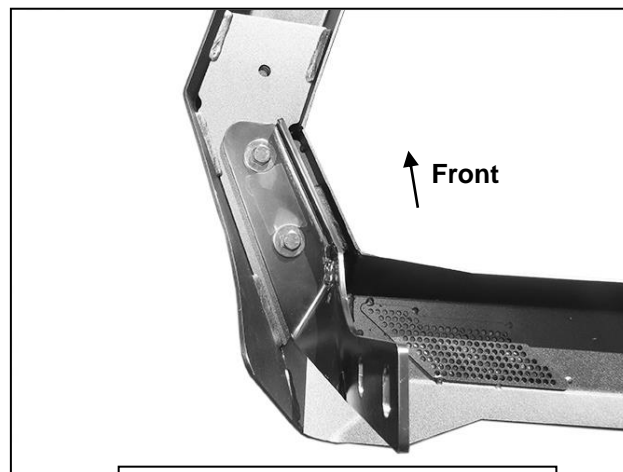
- 2. Models without tow hooks (applies to models without tow hooks only):**
- Hold the splash guard up to the bottom of the bumper and Frame Brackets.
 - Trace the location of both Brackets onto the back of the cover.
 - Cut openings in the cover to clear the Frame Brackets as necessary, **(Figure 10)**. For best results, start with a small slot and slowly enlarge the opening to clear the Brackets.
 - Once cover is properly fit to the Brackets reattach the splash guard to the bumper. If bumper was removed in **Step 1**, reinstall bumper.
- 3. Select the Driver/Left Mounting Bracket (5). Attach the Mounting Bracket to the back of the Bull Bar with (2) 10mm x 25mm Hex Bolts (22), (2) 10mm Lock Washers (19) and (2) 10mm Flat Washers (18), (Figures 11 & 12). Do not tighten hardware. Repeat this Step to attach the Passenger/Right Mounting Bracket to the back of the Bull Bar.**

Driver/Left Side Installation Pictured

(Fig 10) Only cut enough to clear the Brackets, do not cut through the front or rear edges of the cover.



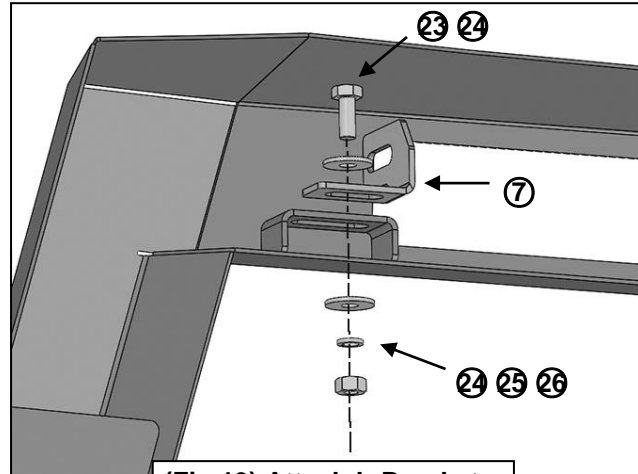
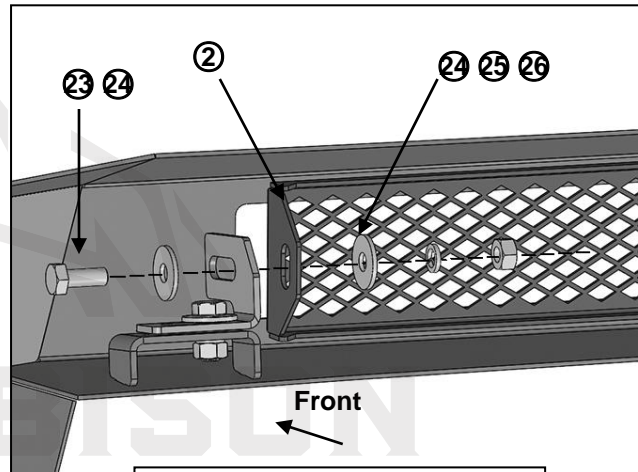
(Fig 11) Attach the Driver/Left Mounting Bracket to the Bull Bar



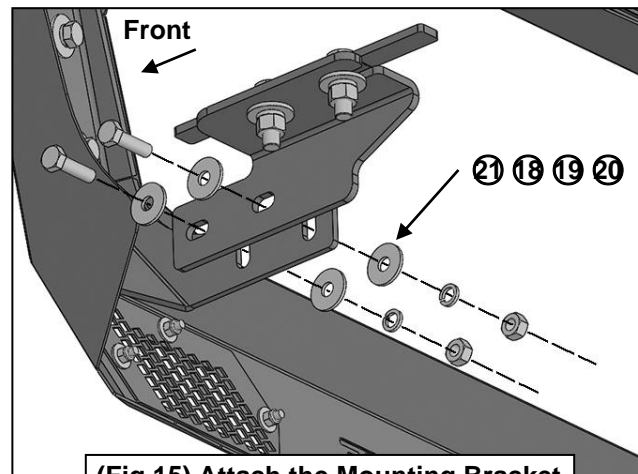
(Fig 12) Driver/Left Mounting Bracket Attached to the Bull Bar

PROCEDURE:**4. Mesh Panel installation, (optional)**

- a. Select the Driver/Left L-Bracket **⑦**. Attach the Bracket to the back of the back of the bumper with (1) 8mm x 20mm Hex Bolt **②③**, (2) 8mm Flat Washers **②④**, (1) 8mm Lock Washer **②⑤** and (1) 8mm Hex Nut **②⑥**, (**Figure 13**). Repeat this **Step** to attach the Passenger/Right L-Bracket **⑧**.
- b. Select the Mesh Panel **②**. Attach the Mesh Panel to the L-Brackets with (2) 8mm x 20mm Hex Bolts **②③**, (4) 8mm Flat Washers **②④**, (2) 8mm Lock Washer **②⑤** and (2) 8mm Hex Nut **②⑥**, (**Figure 14**)

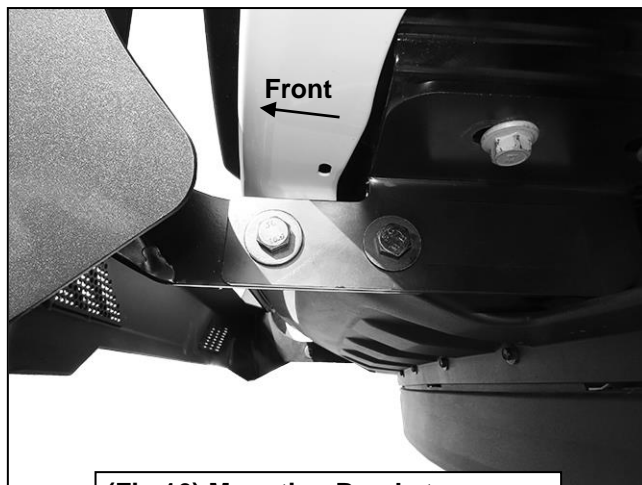
Driver/Left Side Installation Pictured**(Fig 13) Attach L-Brackets to the back of the Bull Bar****(Fig 14) Attach the Mesh Panel to the Driver/Left L-Bracket**

5. With assistance, hold the Bull Bar up to the Frame Brackets. Attach the Mounting Brackets to the inside of the Frame Brackets with (4) 10mm x 35mm Hex Bolts **②①**, (8) 10mm Flat Washers **①⑧**, (4) 10mm Lock Washers **①⑨** and (4) 10mm Hex Nuts **②⑩**, (**Figures 15 & 16**). Do not tighten hardware.

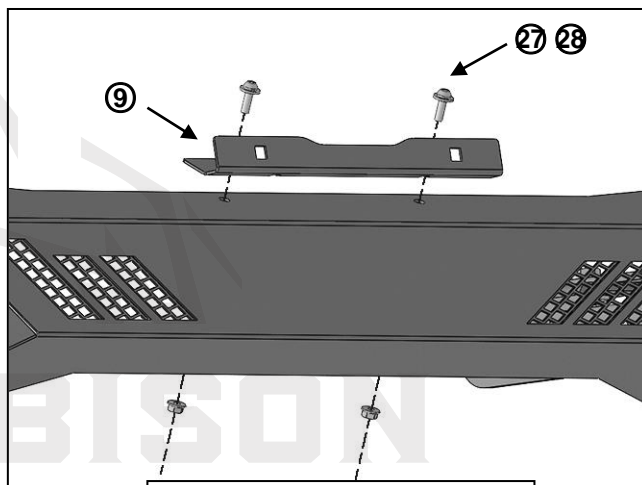
**(Fig 15) Attach the Mounting Bracket to the Driver/Left Frame Brackets**

PROCEDURE:

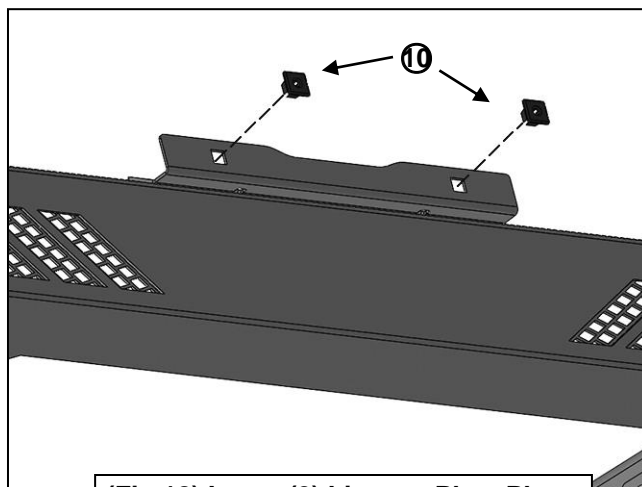
6. Level and adjust the Bull Bar and tighten all hardware.
7. Relocation of front license plate may be necessary. Select the License Plate Bracket ⑨. Attach the License Plate Bracket to the Bull Bar with (2) 6mm Button Head Combo Bolts ⑳ and (2) 6mm Flanged Hex Nuts ㉑, (Figure 17). Insert (2) License Plate Plugs ㉒ into the Bracket, (Figure 18).
8. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

Driver/Left Side Installation Pictured

(Fig 16) Mounting Bracket attached to the Driver/Left Frame



(Fig 17) Attach the License Plate Bracket to the Bull Bar



(Fig 18) Insert (2) License Plate Plugs into the License Plate Bracket