



# TYGER®

## TYGER GUARD™

TG-GD6T60568

### 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:

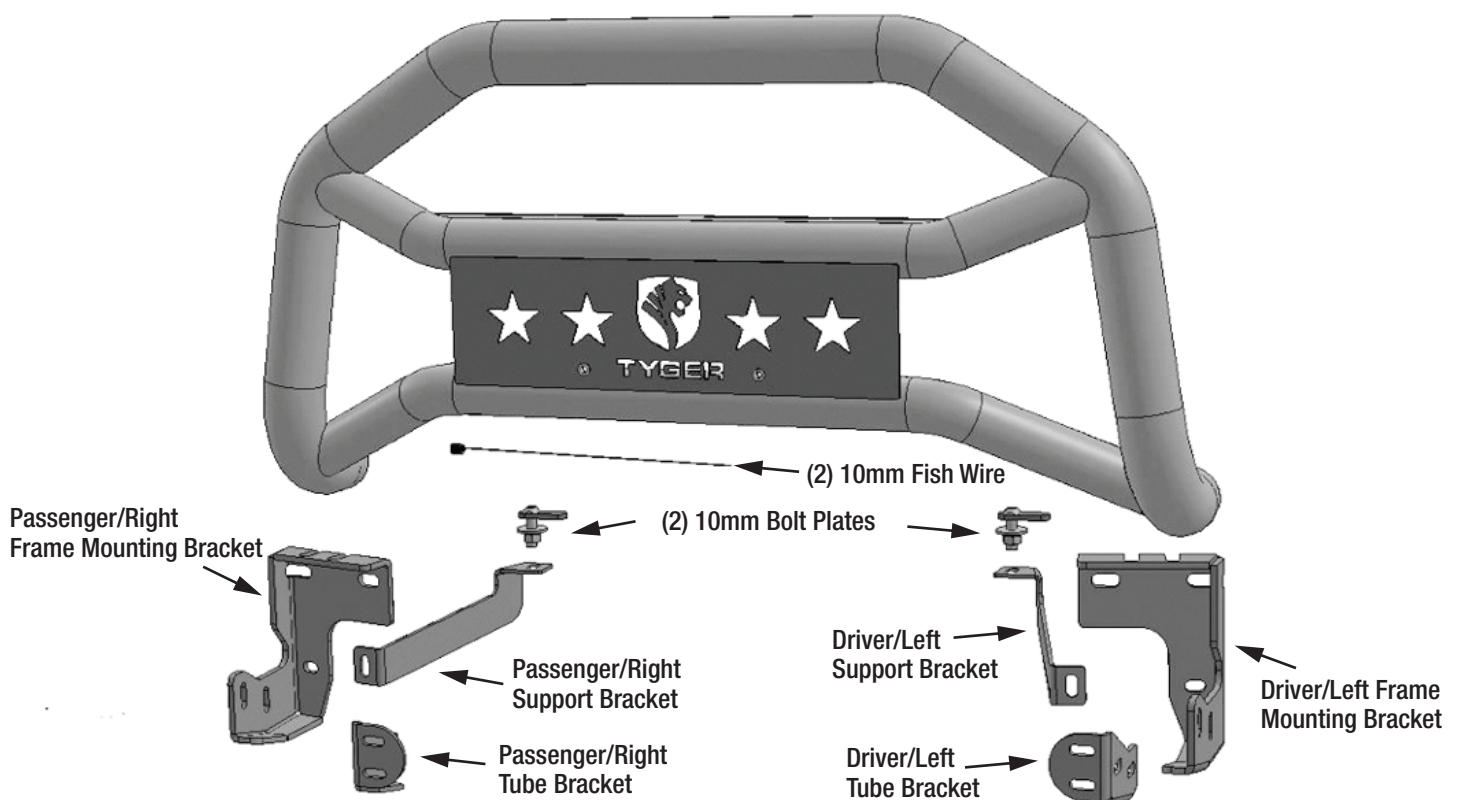
[WWW.TYGERAUTO.COM/CONTACT](http://WWW.TYGERAUTO.COM/CONTACT)

### 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

- |  |  |   |
|--|--|---|
| <b>x1</b> Tyger Guard                            | <b>x2</b> 10mm x 35mm Bolt Plates          | <b>x4</b> 8mm x 22mm x 2mm Flat Washers     |
| <b>x1</b> Driver/Left Frame Mounting Bracket     | <b>x6</b> 10-1.5mm x 35mm Hex Bolts        | <b>x4</b> 8mm Lock Washers                  |
| <b>x1</b> Passenger/Right Frame Mounting Bracket | <b>x6</b> 10mm x 30mm x 2.5mm Flat Washers | <b>x2</b> 6mm x 20mm Button Head Combo Bolt |
| <b>x1</b> Driver/Left Support Bracket            | <b>x8</b> 10mm x 27mm x 3mm Flat Washers   | <b>x1</b> 4mm Wrench                        |
| <b>x1</b> Passenger/Right Support Bracket        | <b>x4</b> 10mm Lock Washers                |   |
| <b>x1</b> Driver/Left Tube Bracket               | <b>x4</b> 10mm Hex Nuts                    |   |
| <b>x1</b> Passenger/Right Tube Bracket           | <b>x4</b> 10mm Nylon Lock Nuts             |   |
| <b>x2</b> 10mm Fish Wires                        | <b>x4</b> 8-1.25mm x 35mm Hex Bolts        |   |

### Parts List



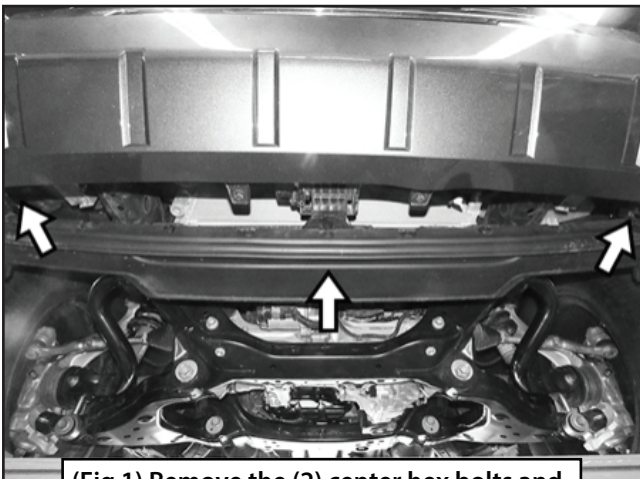
**PROCEDURE:**

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. INSTALLATION MAY INTERFERE WITH FRONT MOUNTED SENSORS. MODELS WITH "PARKING BRAKE SUPPORT SYSTEM" MUST TURN OFF SYSTEM.

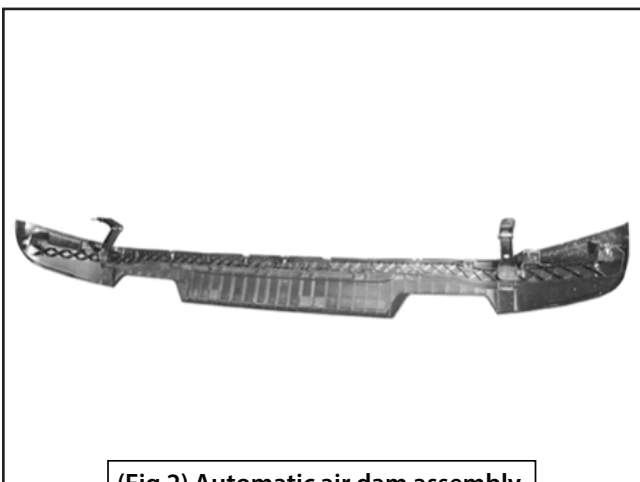
**STEP 1**

Start installation under the front of the vehicle. Models with automatic air dam, locate and remove the hardware attaching the center of the air dam to the electric motor (Fig 1). Also remove the hardware attaching the hinge brackets to the frame at the ends of the air dam and remove the air dam (Fig 2).

**NOTE:** Leave the electric motor attached, only remove the air dam assembly.



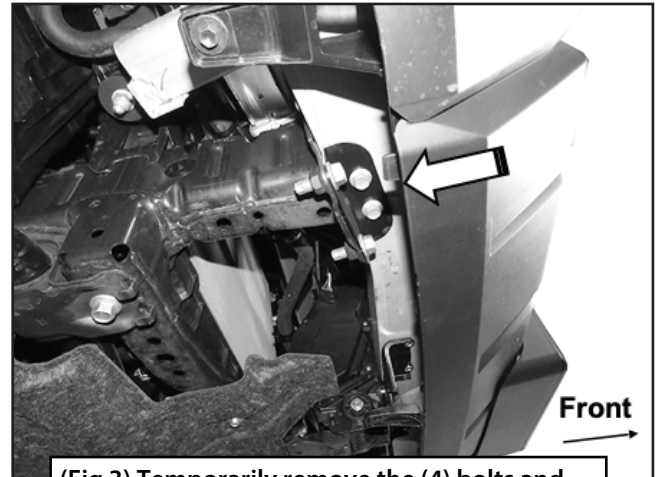
(Fig 1) Remove the (2) center hex bolts and (2) outer hex bolts (1 per side) attaching the automatic air dam to the vehicle (arrows)



(Fig 2) Automatic air dam assembly

**STEP 2**

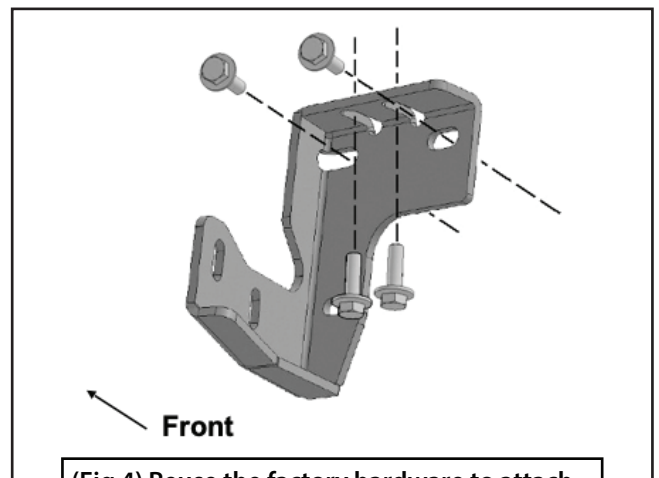
Move the passenger/right side and locate the end of the frame and impact bumper just behind the outer bumper cover. Remove the (4) factory bolts and 90-degree bent bracket (Fig 3). **NOTE:** Bracket will not be reinstalled.



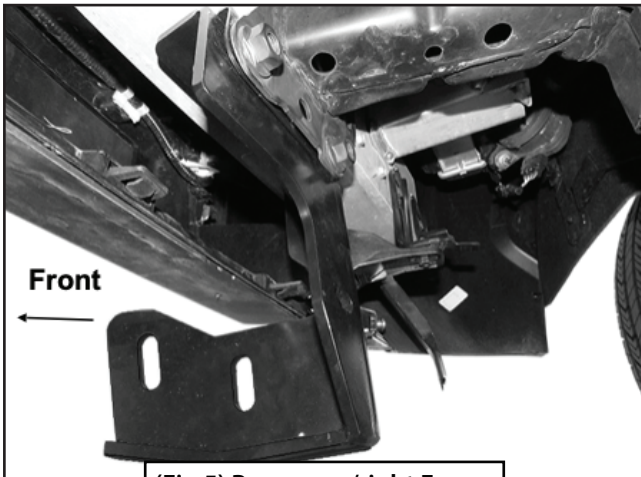
(Fig 3) Temporarily remove the (4) bolts and bent bracket attaching the bottom of the inner impact bumper to the end of the frame (arrow)

**STEP 3**

Select the Passenger/Right Frame Mounting Bracket. Reuse the (4) factory bolts removed in **STEP 2** to attach the Mounting Bracket to the frame and bottom of the impact bumper (Figs 4 & 5). DO NOT tighten hardware.



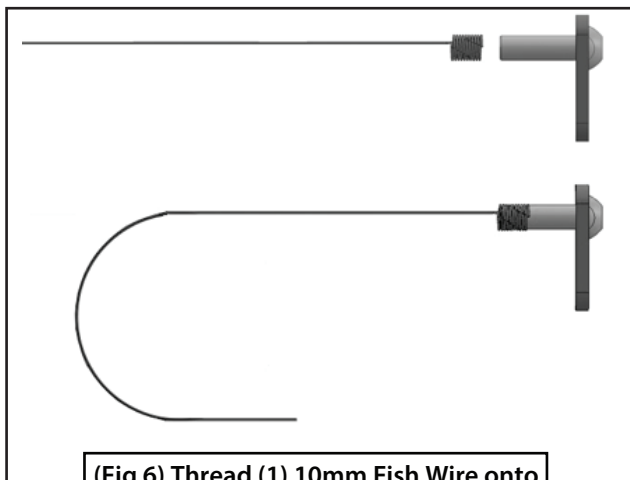
(Fig 4) Reuse the factory hardware to attach the Passenger/Right Mounting Bracket to the frame and inner impact bumper



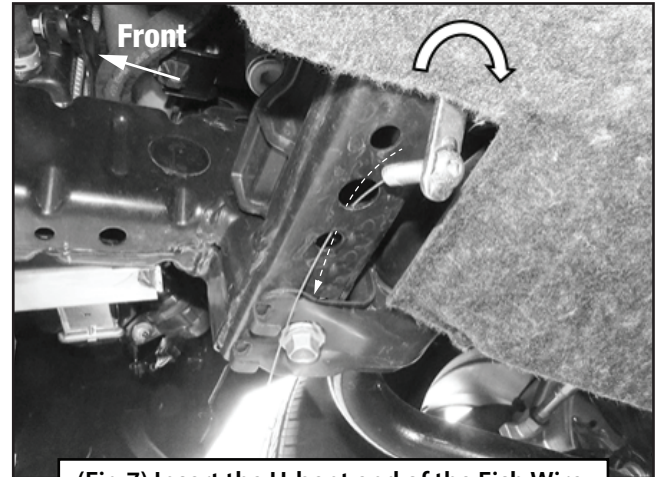
(Fig 5) Passenger/right Frame Mounting Bracket installed

## STEP 4

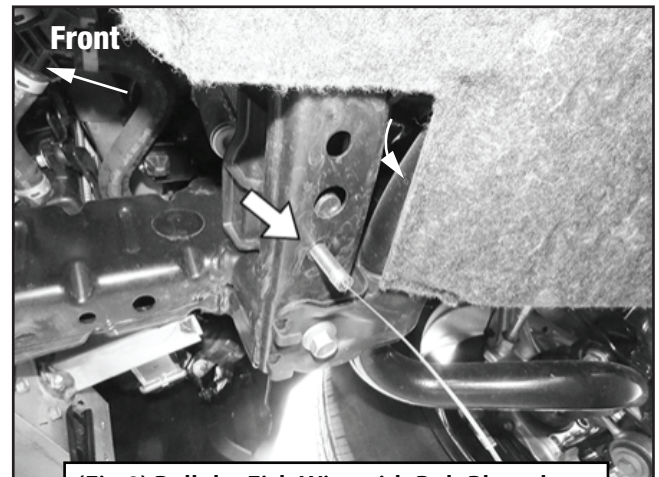
Select (1) 10mm Bolt Plate and (1) 10mm Fish Wire. Thread the Fish Wire onto the Bolt Plate (Fig 6). Bend the straight end of the Fish Wire into a hook, Insert the bent end of the Fish Wire into the large hole in the bottom of the frame crossmember (Fig 7). Guide the Fish Wire into the large hole and back out the smaller hole toward the outside of the frame. Pull the Fish Wire and Bolt Plate into and down out of the frame (Fig 8).



(Fig 6) Thread (1) 10mm Fish Wire onto (1) 10mm Bolt Plate. Bend the straight end of the Fish Wire into a "U"



(Fig 7) Insert the U-bent end of the Fish Wire into the large hole and out the outer smaller hole. Pull the Fish Wire with Bolt Plate into and through the hole in the crossmember. **NOTE:** Bolt Plate as pictured must be rotated 180 degrees to fit into hole



(Fig 8) Pull the Fish Wire with Bolt Plate down and out through the smaller hole in the crossmember then remove Fish Wire

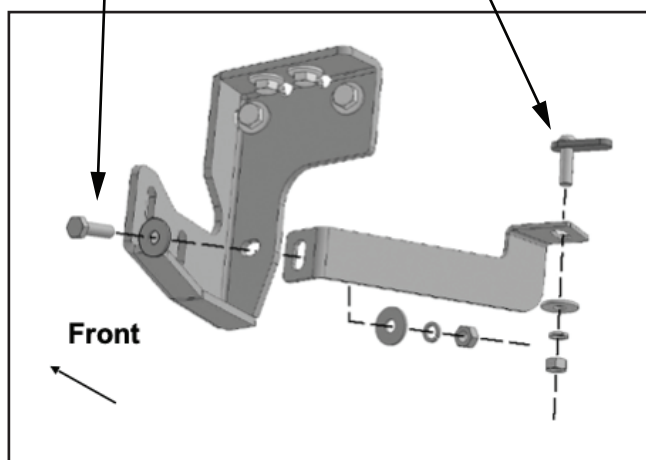
## STEP 5

Select the Passenger/Right Support Bracket. Attach the Support Bracket to the Bolt Plate with (1) 10mm x 30mm x 2.5mm Flat Washer, (1) 10mm Lock Washer and (1) 10mm Hex Nut (Fig 7). Attach the forward end of the Support Bracket to the back of the Mounting Bracket with (1) 10mm x 35mm Hex Bolt, (2) 10mm x 30mm x 2.5mm Flat Washers, (1) 10mm Lock Washer and (1) 10mm Hex Nut (Figs 9-11). DO NOT tighten hardware.

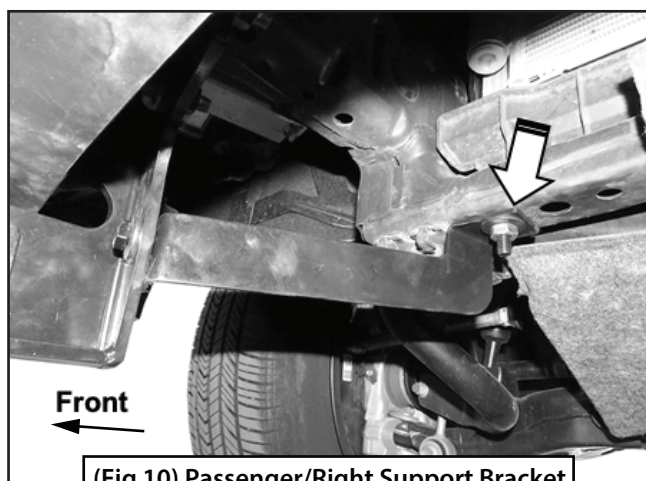


- (1) 10mm x 35mm Hex Bolt
- (2) 10mm x 30mm x 2.5mm Flat Washers
- (1) 10mm Lock Washer
- (1) 10mm Hex Nut

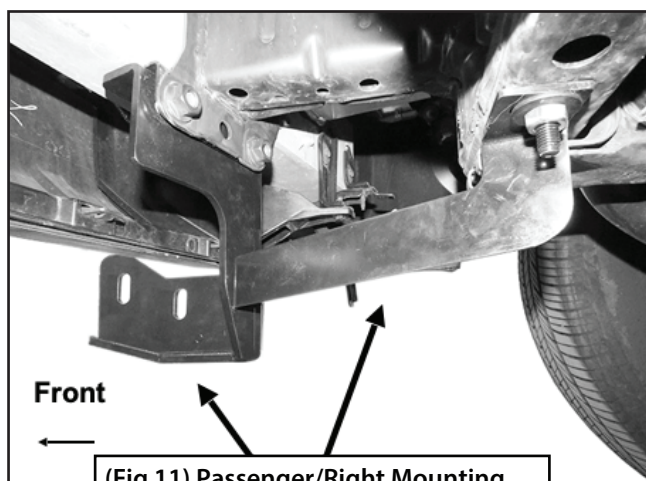
- (1) 10mm Bolt Plate
- (1) 10mm x 30mm 2.5mm Flat Washer
- (1) 10mm Lock Washer



(Fig 9) Attach the Passenger/Right Support Bracket to the Bolt Plate and the back of the Mounting Bracket



(Fig 10) Passenger/Right Support Bracket attached to Bolt Plate (arrow)



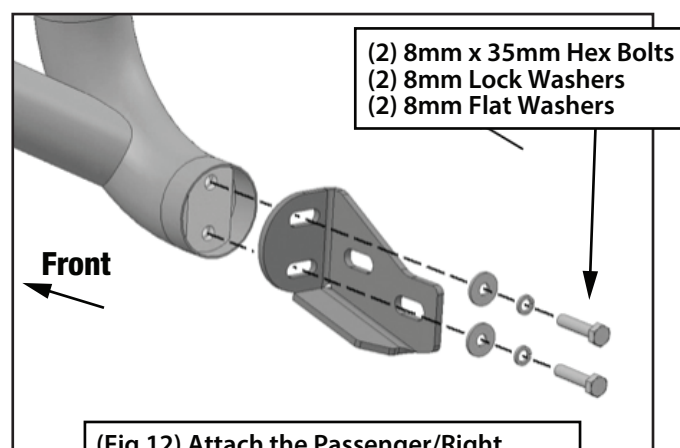
(Fig 11) Passenger/Right Mounting Bracket and Support Bracket installed

## STEP 6

Repeat **STEPS 2-5** to attach the Driver/Left Frame and Support Bracket to the frame.

## STEP 7

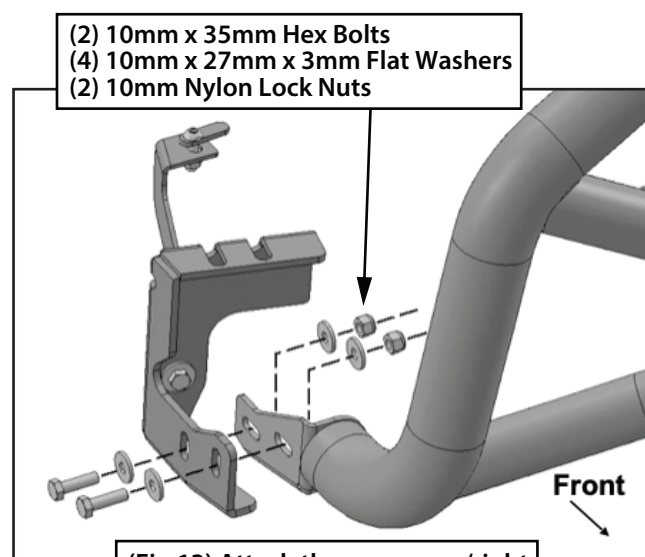
Select the Passenger/Right Tube Bracket. Attach the Tube Bracket to the end of the Tyger Guard with (2) 8mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers (Fig 12). Repeat this STEP to attach the Driver/Left Tube Bracket.



(Fig 12) Attach the Passenger/Right Bull Bar Bracket to the end of the Bull Bar

## STEP 8

With assistance, hold the Tyger Guard up to the Brackets. Attach the Tube Brackets to the Tyger Guard against the inside of both Mounting Brackets with the included (4) 10mm x 35mm Hex Bolts, (8) 10mm x 27mm x 3mm Flat Washers and (4) 10mm Nylon Lock Nuts (Fig 13). DO NOT fully tighten hardware.



(Fig 13) Attach the passenger/right side of the Bull Bar to the inside of the Frame Mounting Bracket

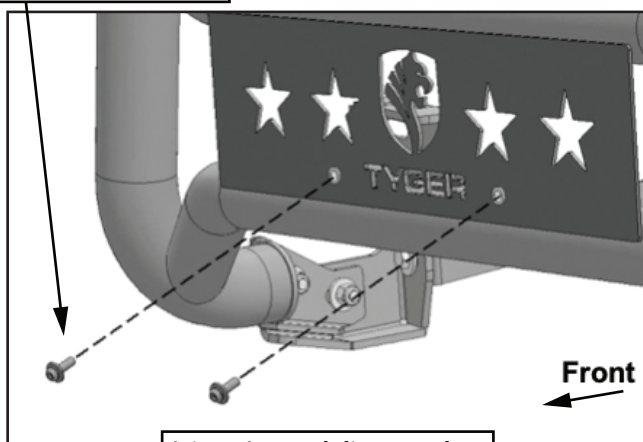
## STEP 9

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

## STEP 10

If required, attach the license plate to the threaded holes in the front of the Tyger Guard with the included (2) 6mm x 20mm Button Head Combo Bolts (Fig 14).

(2) 6mm Button  
Head Combo Bolts



(Fig 14) Attach license plate

## STEP 11

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



Completed