



## TYGER FURY STEPS

TG-FS2C20058

### BEFORE INSTALLATION

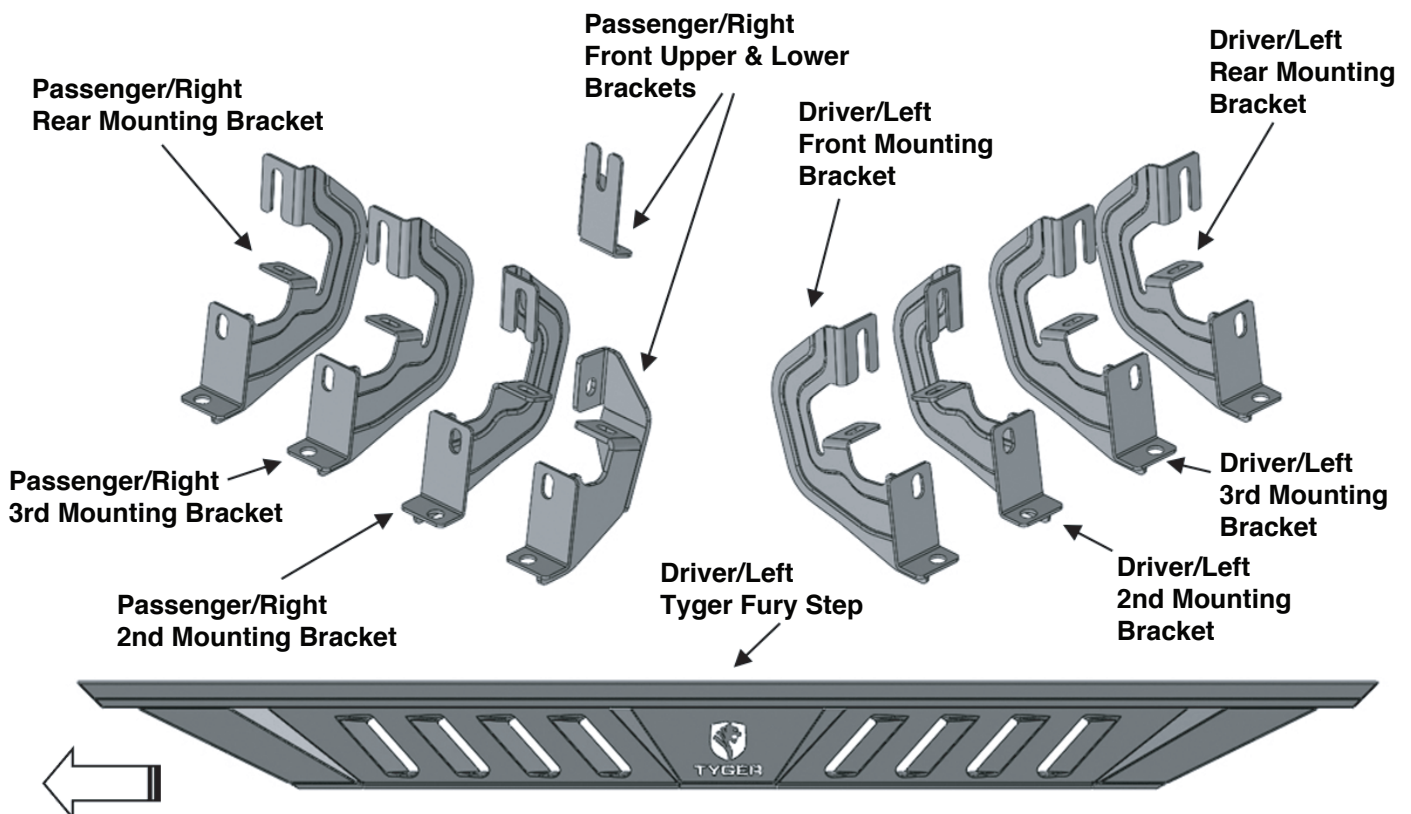
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT. FAILURE TO IDENTIFY DAMAGE BEFORE INSTALLATION COULD LEAD TO A REJECTION OF ANY CLAIM. IF MISSING PARTS OR ANY DAMAGE FOUND, PLEASE TAKE A PICTURE FOR THE CLAIM PURPOSE. TO FILE YOUR CLAIM, 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 Driver/Left TYGER Fury Step
- x1 Passenger/Right TYGER Fury Step
- x4 Driver/Left Mounting Brackets
- x3 Passenger/Right Mounting Brackets
- x1 Passenger/Right Front Upper Mounting Bracket
- x1 Passenger/Right Front Lower Mounting Bracket
- x1 8mm Bolt Plate
- x1 8mm x 40mm Hex Bolt
- x16 8mm x 25mm Hex Bolts
- x16 8mm x 25mm Combo Bolts
- x1 8mm x 28mm OD x 3mm Flat Washer
- x17 8mm x 24mm OD x 2mm Flat Washers
- x17 8mm Lock Washers
- x1 8mm Nylon Lock Nuts
- x15 8mm Clip Nuts





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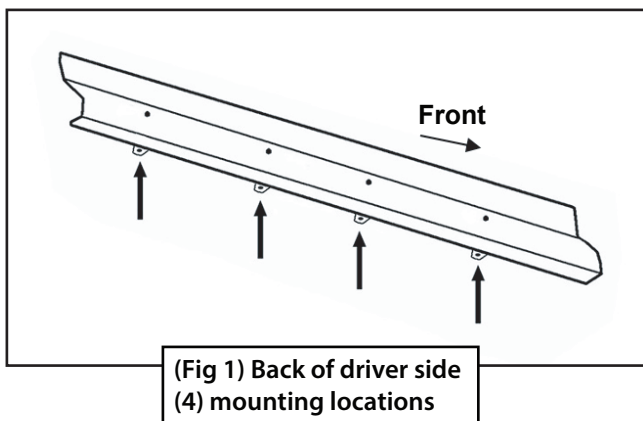
## PROCEDURE:

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. ASSISTANCE IS RECOMMENDED. ON MODELS WITH DEF TANK, SELECT A FLAT, LEVEL AREA FOR INSTALLATION. MAY REQUIRE CUTTING.

## STEP 1

Start the installation under the driver side of the vehicle. Locate the 4 tabs along the bottom edge of the body, (pinch weld) (Fig 1). Directly above each tab is a top mounting location on the side of the body panel. Hold a Bracket up in place to help determine the mounting holes to use along the body.

Driver/Left Side Installation Pictured



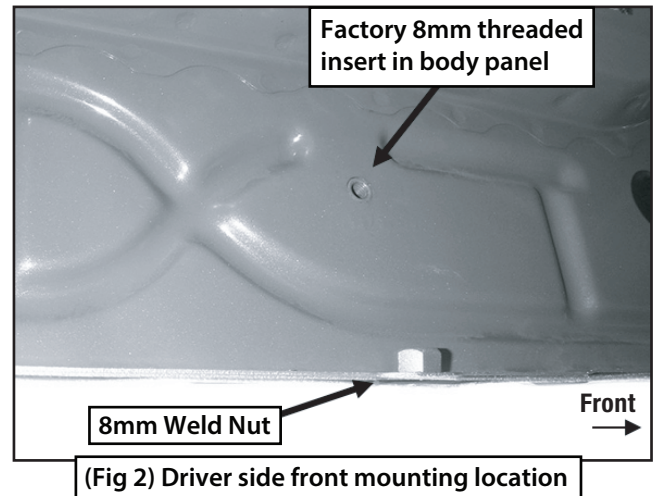
## STEP 2

Determine the correct procedure for your model year and each Bracket location.

### Bottom mounting location on the edge of the pinch weld.

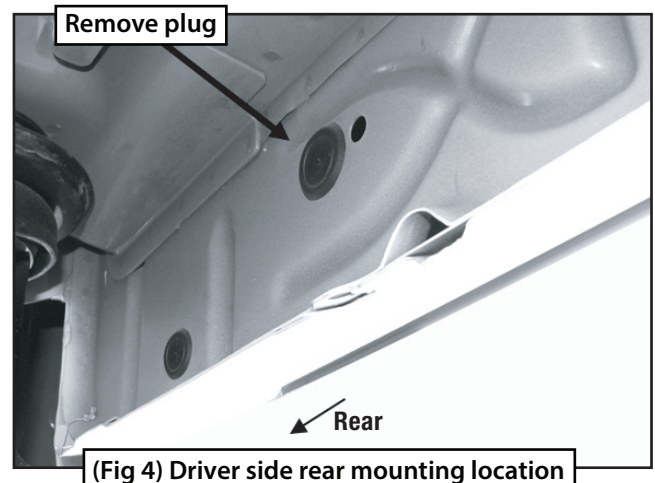
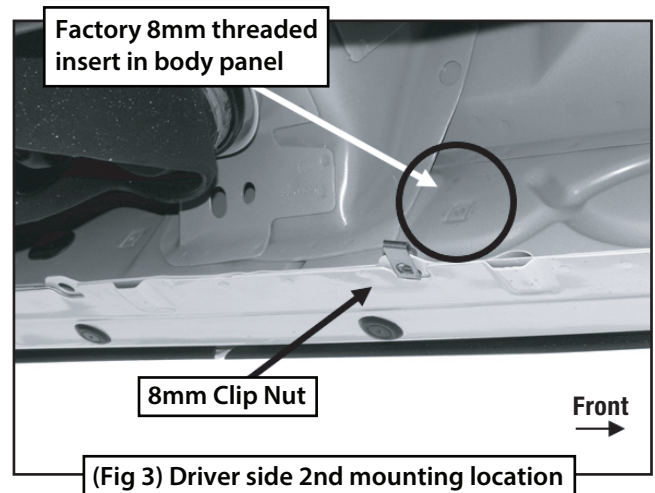
#### Flat tab on pinch weld with factory installed weld nut:

Thread hex bolt into weld nut from the backside-down to clear paint from threads (Fig 2).



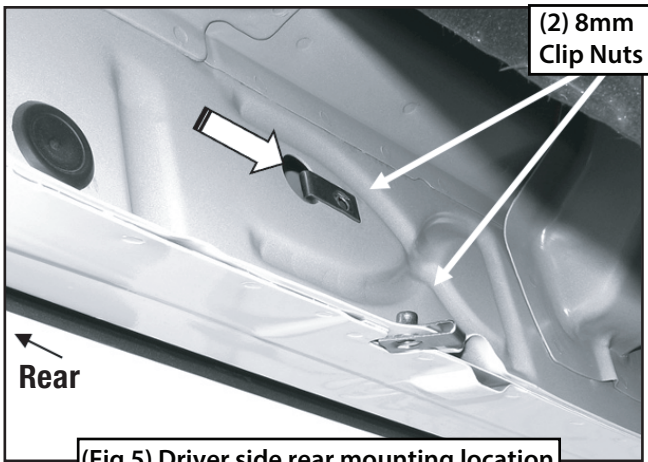
#### Flat tab on pinch weld with hole:

Select (1) 8mm Clip Nut. Slide the Clip Nut over the tab with the nut facing up behind the tab (Figs 3-5). Line up threaded nut with hole in tab. Repeat for each mounting location.





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(Fig 5) Driver side rear mounting location



(Fig 7) Example driver/Left Front Bracket installed.

Top mounting location on the side of the body panel.

Models with factory installed threaded insert in body panel:

Thread 8mm Hex Bolt into threaded insert to clear paint as required (Figs 2 & 3).

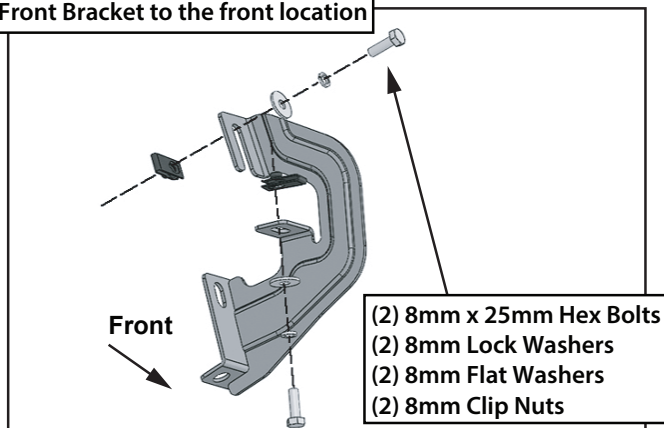
**Large and small hole in side of body panel:**

Remove the rubber plug from the larger hole (Fig 4). Select (1) 8mm Clip Nut. Slide the Clip Nut into the larger hole. Line up the threaded nut with the smaller hole (Fig 5).

## STEP 3

Select the Driver/Left Front Mounting Bracket. See illustration above to help determine correct Bracket. Bolt the Mounting Bracket to the Clip Nuts and/or the factory threaded holes with (2) 8mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers (Fig 6 & 7). DO NOT tighten hardware.

(Fig 6) Attach the Driver/Left Front Bracket to the front location

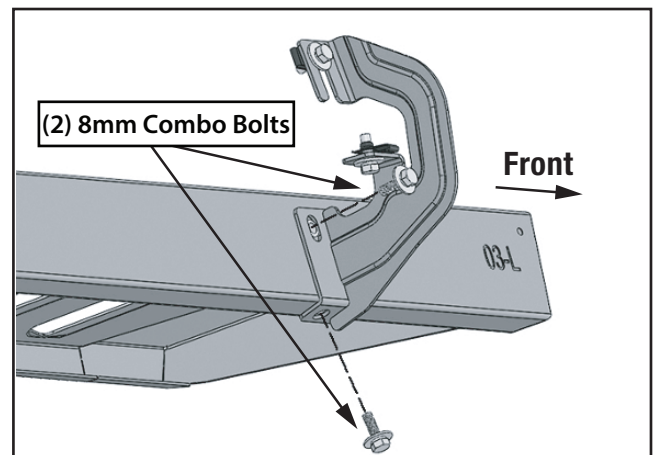


## STEP 4

Repeat **STEPS 1-3** to install the (3) remaining driver/left side Brackets.

## STEP 5

Select the Driver/Left Tyger Fury Step. Attach the Step to the (4) Mounting Brackets with (8) 8mm Combo Bolts (Fig 8). DO NOT tighten hardware.



(Fig 8) Attach the Driver/Left Tyger Fury Step to the rear faces of the Front and Rear Mounting Brackets





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## STEP 6

Level and adjust the Tyger Fury Step and fully tighten all hardware.

## STEP 7

Move to the passenger side of the vehicle. Determine if the vehicle is equipped with a plastic diesel exhaust fluid (DEF) tank (Figs 9 & 10).

**Models without DEF tank, skip to STEP 8.**

**2007-16 Models with DEF tank:** The tank sits close to the side of the body. With specialized tools, the passenger/right front upper and lower Bracket can be installed but room is limited. It may be easier to drop the tank down to access the inner side of the body panel for upper bracket installation. Tank will not need to be removed, only dropped down for access to mounting location.

**IMPORTANT:** If tank is full, it will be very heavy, and assistance is highly recommended to avoid injury or damage to the vehicle or the tank. It is recommended that installation is performed when the DEF tank is low on fluid before dropping the tank.

**a. On 07-16 models** with plastic lower tray under tank, remove the (3) hex bolts attaching the tray to the frame (Fig 9), and remove tray.

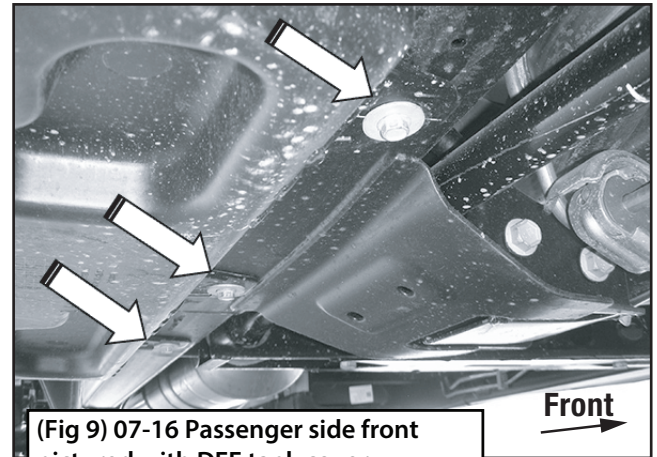
**b.** Release the tank filler hose. Release the plug for the sending unit on the top of the tank.

**c.** Support the tank with a floor jack. Place a smooth flat surface, (wooden block for example), between the floor jack and the tank to avoid damaging the plastic tank. **DO NOT** push up on the tank; only support the weight of the tank with the jack.

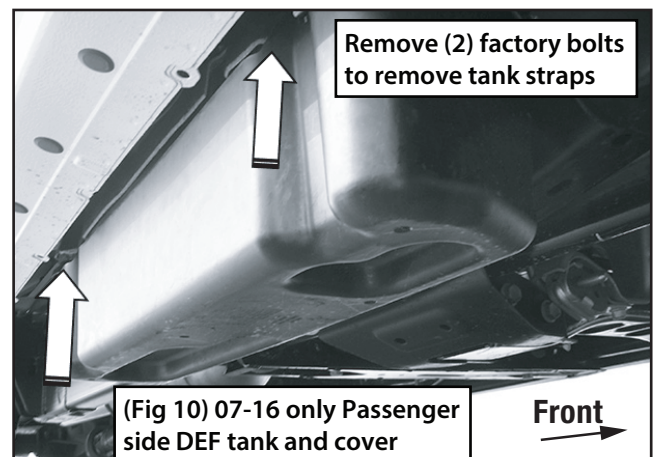
**d.** Remove the (2) bolts securing the tank straps to the vehicle (Fig 10). Tilt the straps to release from the brackets. Slowly lower the tank until the top of the tank is almost visible. Use blocks or stands to support the tank while installing the front Upper and Lower Brackets.

**e.** Proceed to **STEP 8**.

Passenger/Right Side Installation Pictured

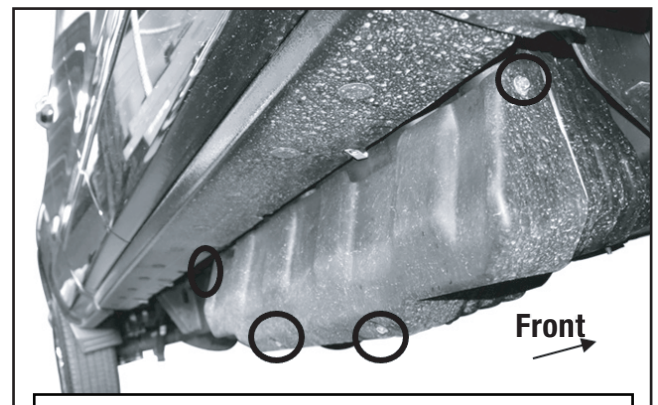


(Fig 9) 07-16 Passenger side front pictured with DEF tank cover. Remove (3) hex bolts to remove cover

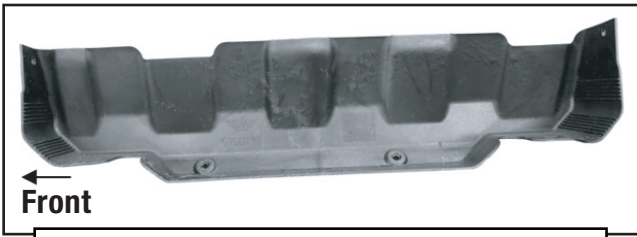


(Fig 10) 07-16 only Passenger side DEF tank and cover

**2017-on Models with DEF tank:** Remove only the plastic cover from the tank, do not remove tank (Figs 11 & 12).



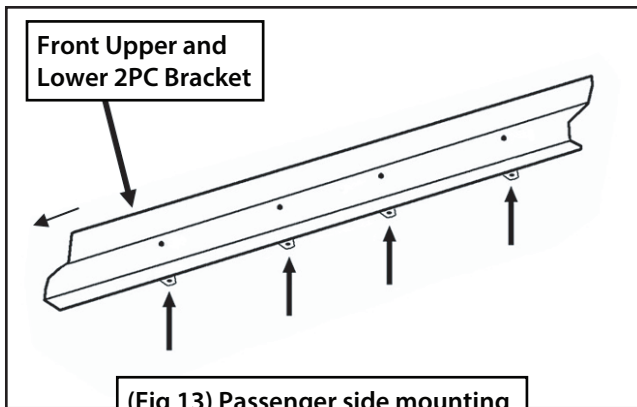
(Fig 11) 2017 Passenger side pictured with DEF plastic tank cover. Remove (4) hex bolts to remove plastic cover only. **DO NOT** remove tank



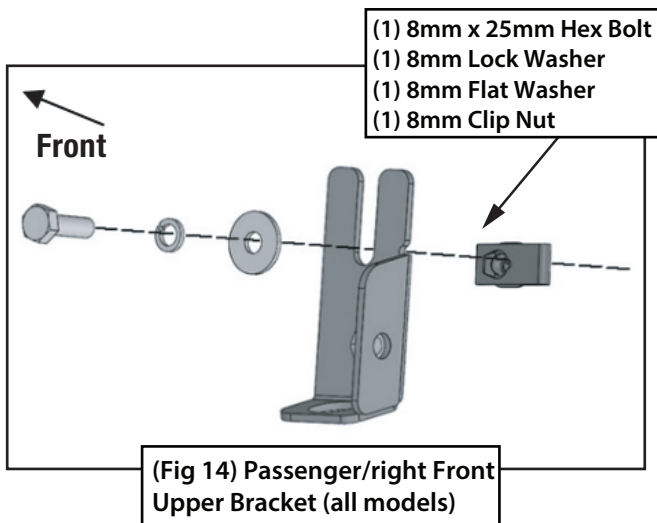
(Fig 12) 2017 Passenger side DEF cover removed

## STEP 8

Locate the first tab on the edge of the pinch weld on the passenger side (Figs 2-4 & 13). Select the Front Upper Bracket. Repeat **STEPS 2 & 3** to attach the Upper Bracket to the side of the body panel (Fig 14). DO NOT tighten hardware at this time.



(Fig 13) Passenger side mounting locations from back of body panel

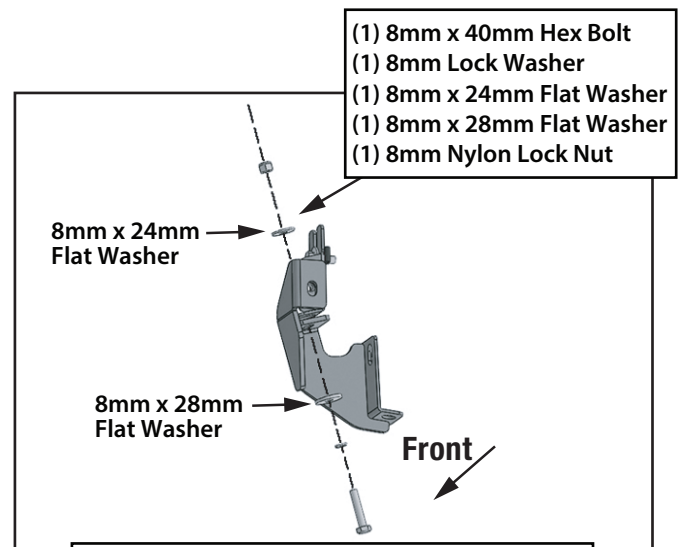


(Fig 14) Passenger/right Front Upper Bracket (all models)

## STEP 9

Line up the hole in the bottom of the Upper Bracket with the hole in the tab on the pinch weld.

**a. Models with a weld-nut:** Slide the Bracket over the weld-nut. Attach the Lower Bracket to the bottom of the body and weld-nut with (1) 8mm x 40mm Hex Bolt, (1) 8mm Lock Washer, (1) 8mm x 24mm Flat Washers, (1) 8mm x 28mm Flat Washer and (1) 8mm Nylon Lock Nut (Fig 15). Leave loose at this time.



(Fig 15) Attach the Lower Mounting Bracket to the threaded nut in the pinch trim

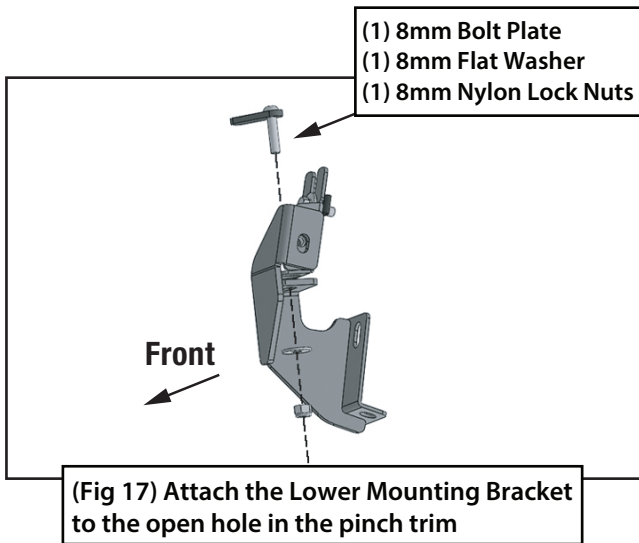
**b. Models with flat tab and hole:** Insert the 8mm Bolt Plate down through the hole in the Upper Bracket and mounting tab (Fig 16). Attach the Lower Bracket to the bottom of the body and Bolt Plate with (1) 8mm Flat Washer and (1) 8mm Nylon Lock Nut (Fig 17). DO NOT tighten hardware.



(Fig 16) 8mm x 35mm Bolt Plate

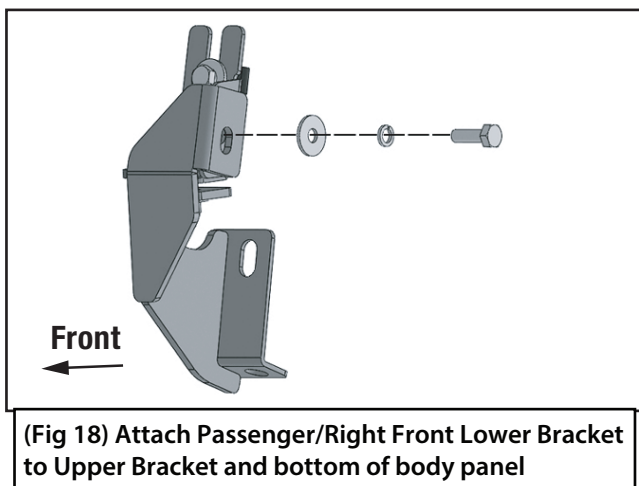


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## STEP 10

Attach the Lower Bracket to the rear facing side of the Upper Bracket with (1) 8mm x 25mm Hex Bolt, (1) 8mm Lock Washer and (1) 8mm Flat Washer (Fig 18). DO NOT tighten hardware.



## STEP 11

Move to the 2nd mounting location (Fig 13). Repeat **STEPS 1-3** for the (3) remaining passenger/right Bracket installations.

## STEP 12

Repeat **STEPS 5-6** to attach the Passenger/Right Tyger Fury Step.

## STEP 13

Once the Side Bars are installed, lined up to side of vehicle and all hardware fully tightened, reinstall the DEF tank and cover, if equipped, as described in **STEP 7**.

**a. 2017-on 2500-3500 DEF tank models only:** Hold the DEF cover up in place and mark the 2nd Bracket location onto the cover (Figs 19 & 20). Use a sharp knife or hacksaw blade to carefully cut a slot in the plastic cover to clear the 2nd Bracket.

