



TYGER®

TYGER LANDER™

TG-LD2D60038

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

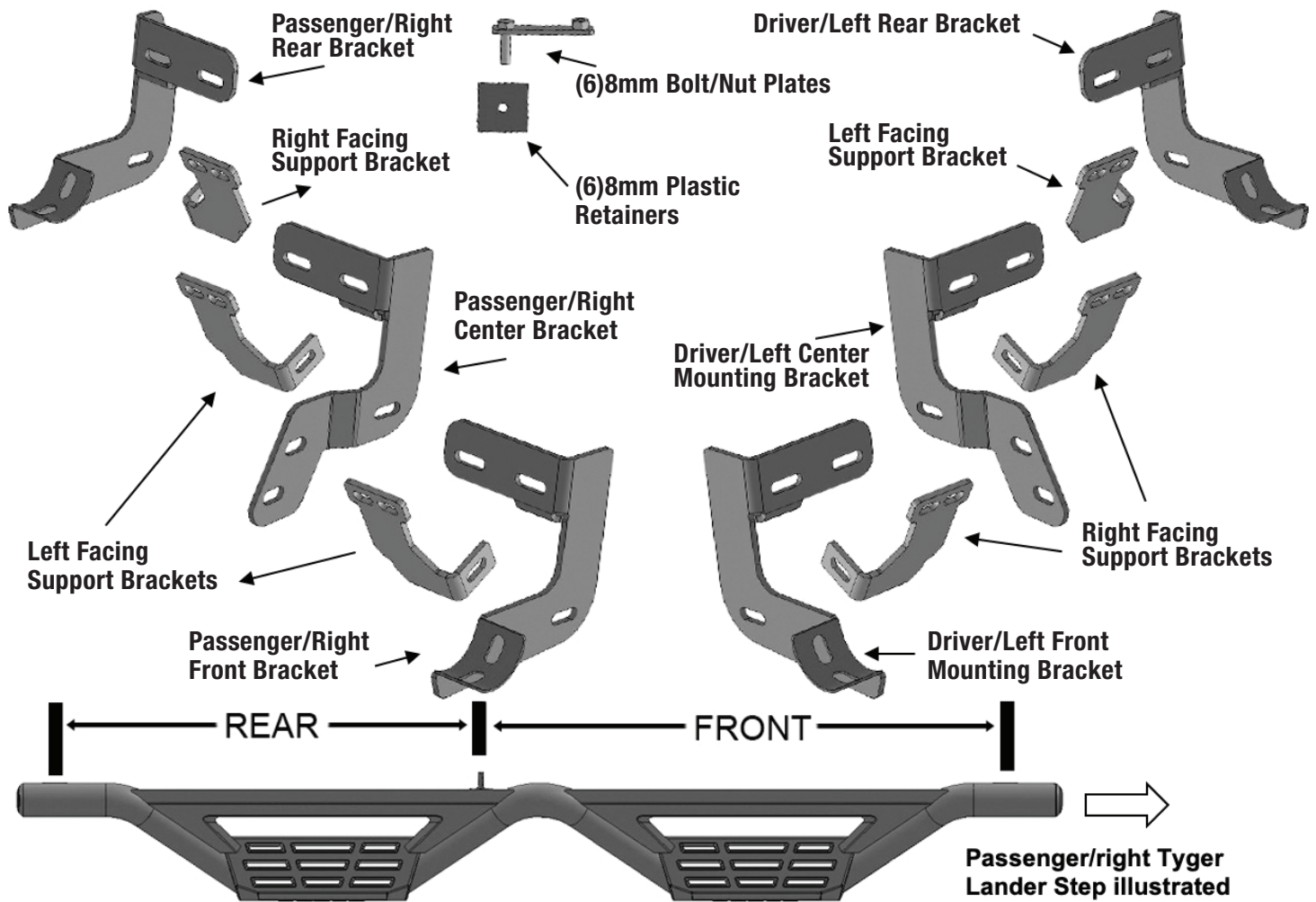
Fastener Size	Class 8.8 Torque (ft-lbs)	Class 10.9 Torque (ft-lbs)
6mm	6-7	6-7
8mm	15-16	22-23
10mm	31-32	44-45
12mm	54-55	78-79
14mm	87-88	125-126

Parts List

- | | |
|---|--------------------------------------|
| x1 Driver/Left Tyger Lander | x4 10mm Nylon Lock Nuts |
| x1 Passenger/Right Tyger Lander | x6 8-1.25mm x 30mm Bolt/Nut Plates |
| x1 Driver/Left Front Mounting Bracket | x6 8mm Plastic Retainers |
| x1 Passenger/Right Front Mounting Bracket | x18 8-1.25mm x 30mm Hex Bolts |
| x1 Driver/Left Center Mounting Bracket | x8 8-1.25mm x 25mm Combo Bolts |
| x1 Passenger/Right Center Mounting Bracket | x24 8mm x 24mm OD x 2mm Flat Washers |
| x1 Driver/Left Rear Mounting Bracket | x12 8mm Lock Washers |
| x1 Passenger/Right Rear Mounting Bracket | x6 8mm Hex Nuts |
| x3 Left Support Brackets (PS front, center, DS rear) | x6 8mm Nylon Lock Nuts |
| x3 Right Support Brackets (DS front, center, PS rear) | x12 6-1.0mm x 25mm Hex Bolts |
| x4 10-1.5mm x 35mm Hex Bolts | x24 6mm x 22mm OD x 2mm Flat Washers |
| x8 10mm x 27mm x 3mm Flat Washers | x12 6mm Nylon Lock Nuts |



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STEP 1

PROCEDURE:

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

STEP 2

Separate and identify all Brackets and the Side Steps before starting installation.

IMPORTANT: Each Bracket is unique and must be installed in the correct location.

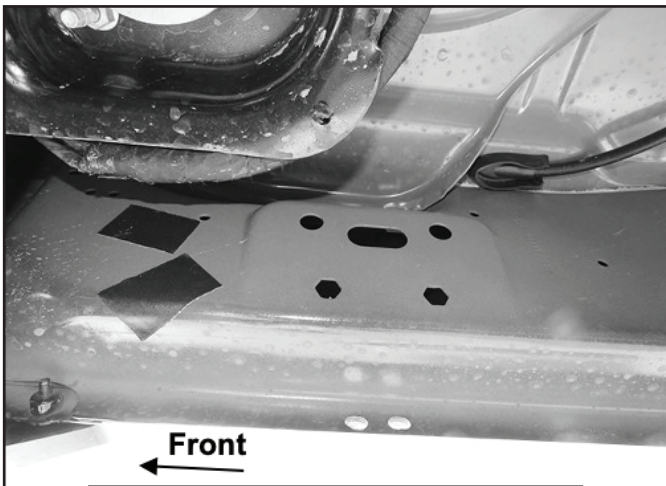


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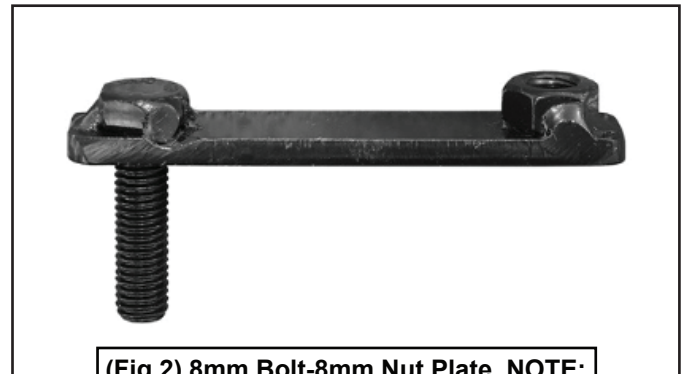
STEP 3

Starting at the Passenger/Right front of the vehicle, remove the sealing tape covering the factory holes in the side of the rocker panel (Fig 1).

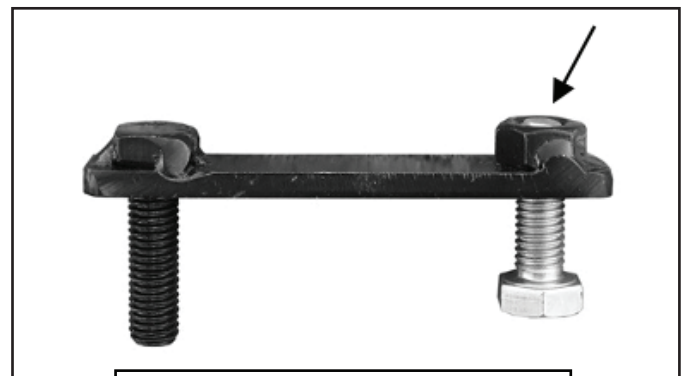
Passenger/Right Side Installation Pictured



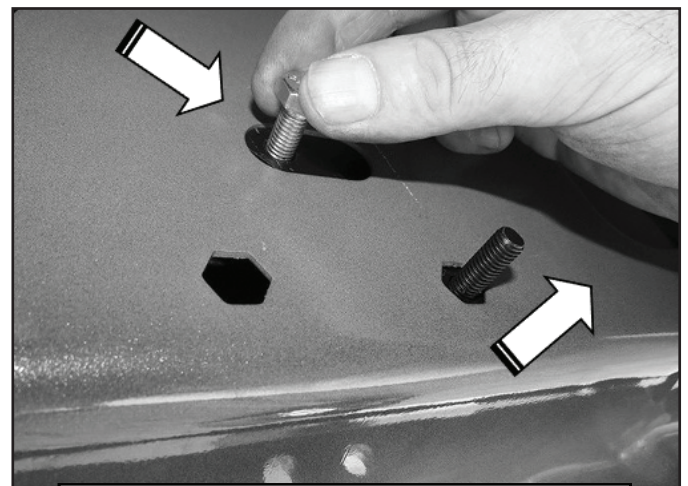
(Fig 1) 2009-mid 2015 Passenger/Right Front mounting location (No factory holes in pinch weld 2009-2012 models)



(Fig 2) 8mm Bolt-8mm Nut Plate, NOTE: 8mm Bolt-Nut Plate is not required on models with threaded holes



(Fig 3) Thread (1) 8mm Hex Bolt into the nut on the plate. Stop when bolt reaches end of nut as pictured



(Fig 4) Use the loose Hex Bolt as a handle. Insert the Bolt Plate into the oval hole and feed the threaded end out either factory hex shaped hole. IMPORTANT: DO NOT let go of the hex bolt until after Plastic Retainer has been threaded onto bolt (Fig 6)

STEP 4

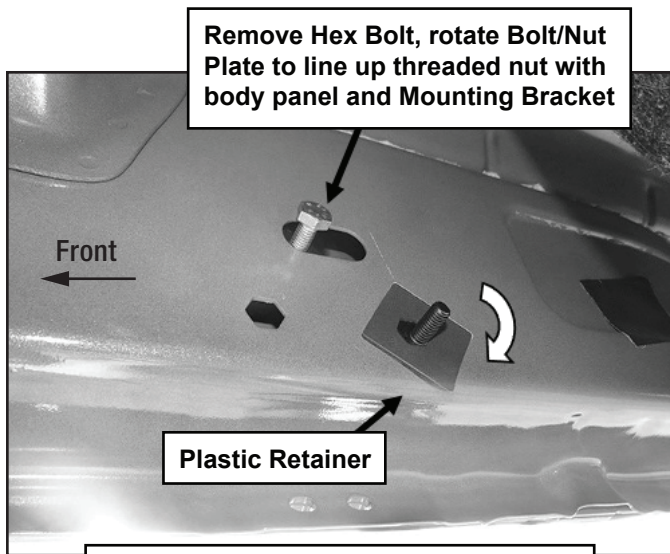
Determine the correct procedure to attach the Passenger/Front Brackets for your model/year:

Models without factory threaded holes in rocker panel:

a. Partially thread an 8mm Hex Bolt into the threaded end of an 8mm Bolt/Nut Plate (Figs 2 & 3). Use the Hex Bolt as a handle and insert the Bolt/Nut Plate into the oval hole (Fig 4). Feed the threaded bolt on the Bolt/Nut Plate through one of the hex shaped factory holes. Thread (1) 8mm Plastic Retainer onto the threaded end to hold it in place (Fig 5).

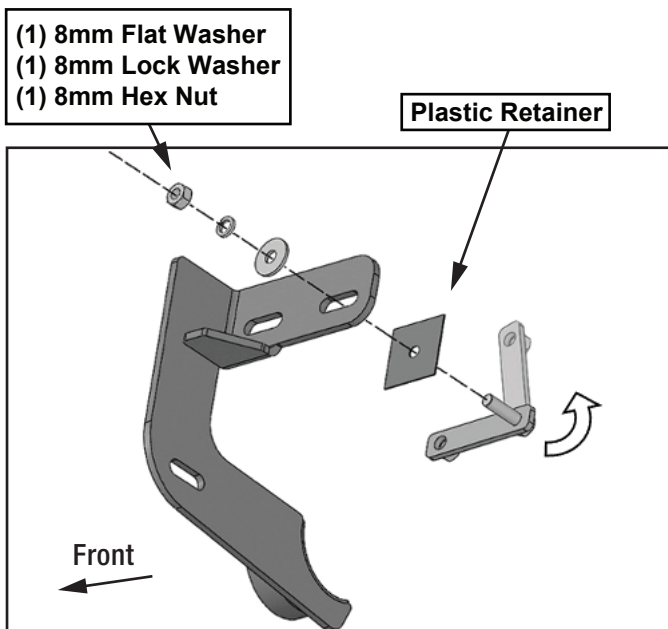


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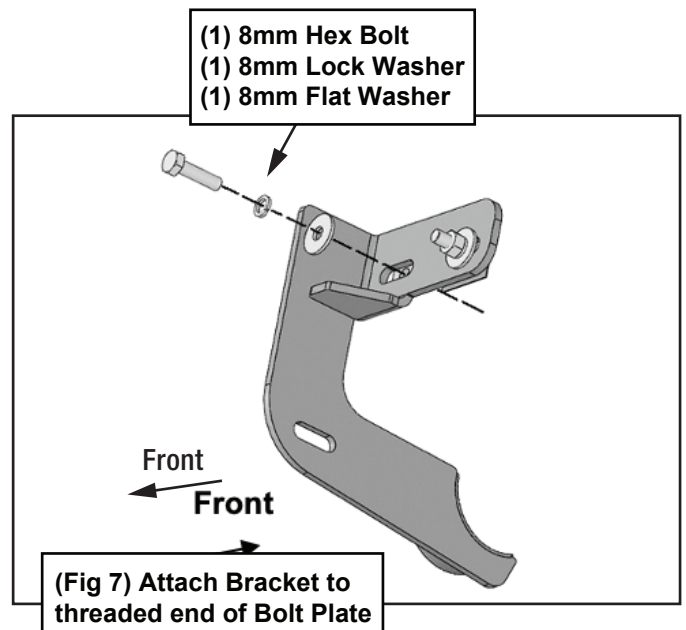
(Fig 5) Thread Plastic Retainer onto Bolt Plate to hold Bolt Plate in position.

b. Select the Passenger/Right Front Mounting Bracket. Attach the Bracket to the threaded end of the Bolt Plate with (1) 8mm Flat Washers, (1) 8mm Lock Washers and (1) 8mm Hex Nuts (Fig 6). DO NOT tighten hardware.



(Fig 6) Attach Passenger/Right Front Bracket to Bolt Plate. Rotate Bolt Plate to line up with remaining factory hex shaped hole.

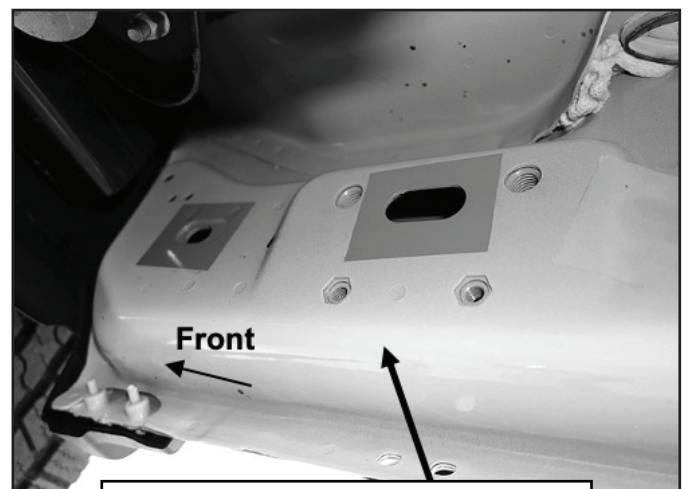
c. Remove the 8mm Hex Bolt from the nut on the Bolt/Nut Plate from STEP 4a. Rotate the fixed Bolt on the Bolt/Nut Plate until the threaded nut lines up with the remaining hole in the Mounting Bracket and rocker panel. Attach the Bracket to the Bolt/Nut Plate with (1) 8mm Hex Bolt, (1) 8mm Lock Washer and (1) 8mm Flat Washer (Fig 7). DO NOT tighten hardware.



(Fig 7) Attach Bracket to threaded end of Bolt Plate

Models with factory threaded holes (Fig 8):

a. Select the Passenger/Right Front Mounting Bracket. Attach the Bracket to the holes with (2) 8mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers (Fig 9). DO NOT tighten hardware.

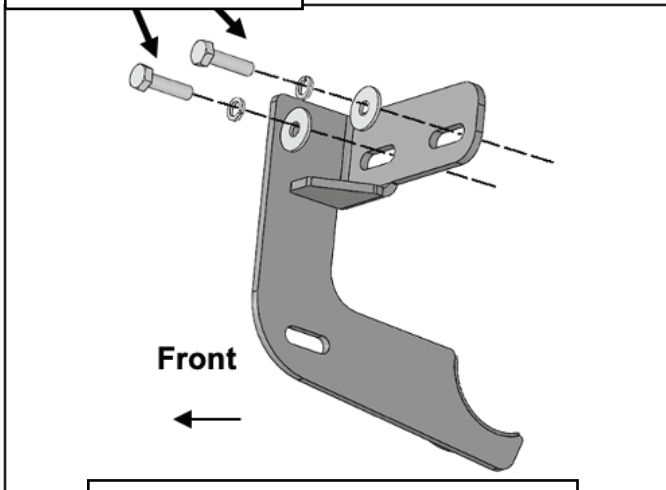


(Fig 8) Passenger/Right Front 2015-on, an example of models with factory installed threaded holes



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(2) 8mm Hex Bolts
(2) 8mm Lock Washers
(2) 8mm Flat Washers



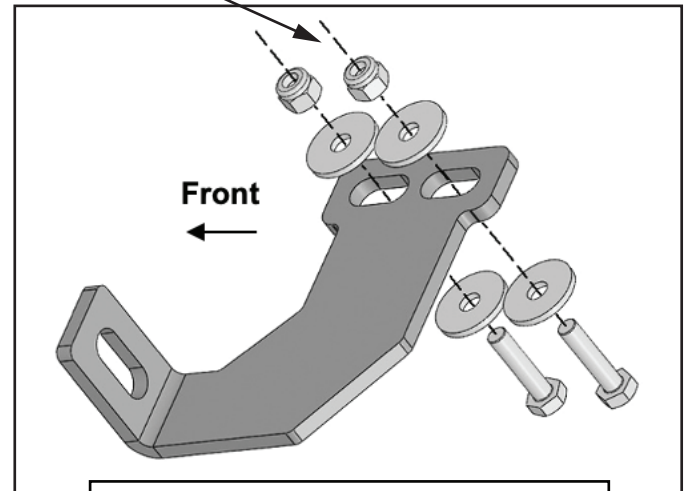
(Fig 9) For 2015-on models, attach the Passenger/Right Front Bracket to the threaded holes in the rocker panel

STEP 5

Select (1) Left Facing Support Bracket. Line up the slots in the top of the Support Bracket with the (2) factory holes in the back of the pinch weld. Attach the Bracket to the back of the pinch weld with (2) 6mm Hex Bolts, (4) 6mm Flat Washers and (2) 6mm Nylon Lock Nuts (Fig 10).

IMPORTANT: 2009-12 models may not be equipped with factory holes and will require drilling through the pinch weld to attach the Support Bracket. DO NOT drill through pinch weld at this time, (see **STEP 10**).

(2) 6mm Hex Bolts
(4) 6mm Flat Washers
(2) 6mm Nylon Lock Nuts

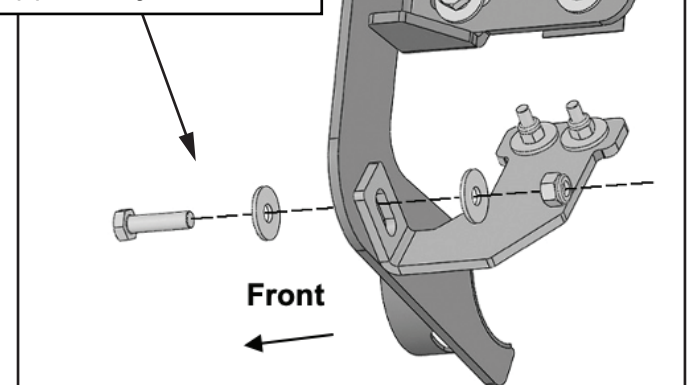


(Fig 10) Attach the passenger/right front Support Bracket to the back of the pinch weld (models with factory holes in pinch weld only)

STEP 6

Attach the Support Bracket to the Mounting Bracket with (1) 8mm Hex Bolt, (2) 8mm Flat Washers and (1) 8mm Nylon Lock Nut (Figs 11 & 12). DO NOT tighten hardware.

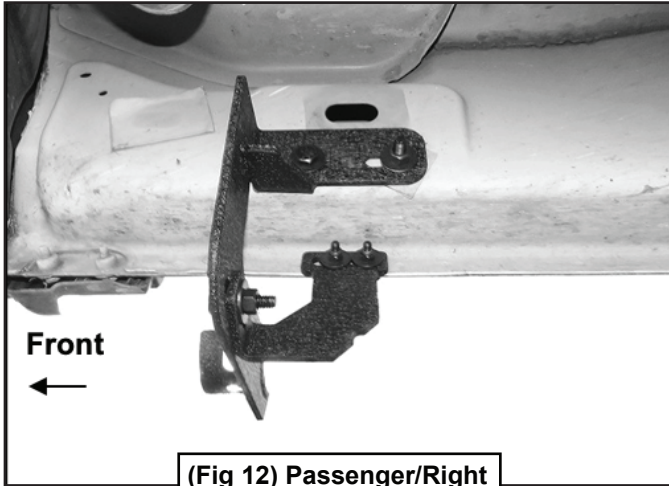
(1) 8mm Hex Bolt
(2) 8mm Flat Washers
(1) 8mm Nylon Lock Nut



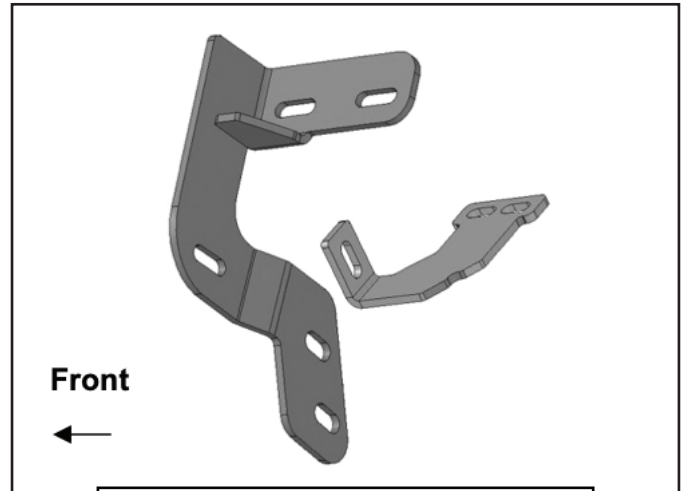
(Fig 11) Attach Support Bracket to rear facing side of Mounting Bracket



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(Fig 12) Passenger/Right Front Brackets installed



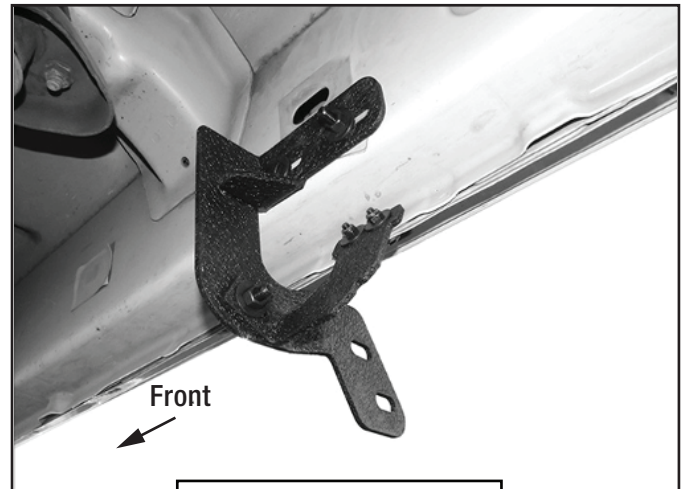
(Fig 14) Passenger/Right Center Mounting Bracket and Support Bracket

STEP 7

Move along the body to the center mounting location (Fig 13). Select the passenger/right Center Bracket and (1) Left Facing Support Bracket. Repeat **STEPS 3-6** to attach the Center Brackets to the center mounting location (Figs 14 & 15).



(Fig 13) Passenger/Right Center mounting location



(Fig 15) Passenger/Right Center Brackets installed

STEP 8

Select the Passenger/Right Rear Bracket and (1) Right Facing Support Bracket (Figs 16-17). Repeat the previous **STEPS** to install the rear Brackets (Fig 18).

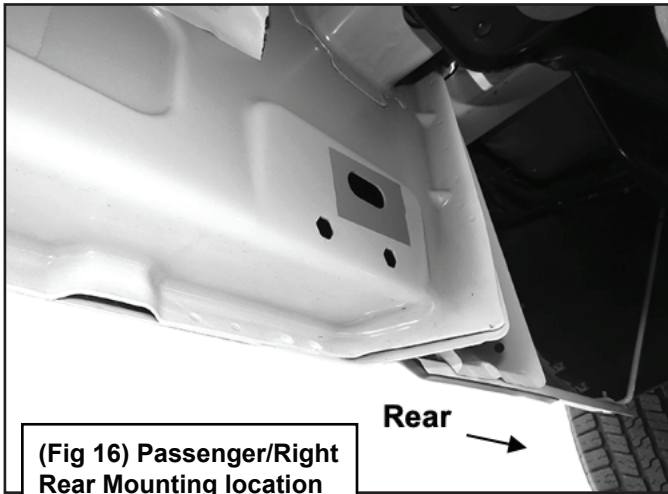


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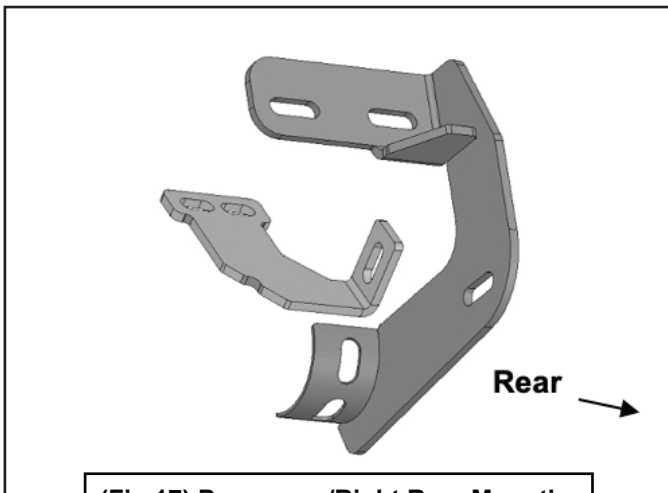
STEP 9

Select the Passenger/Right Tyger Lander. Carefully place Tyger Lander on the front and rear Mounting Brackets. Line up the center mounting tab on the back of the Tyger Lander with the front of the Center Bracket.

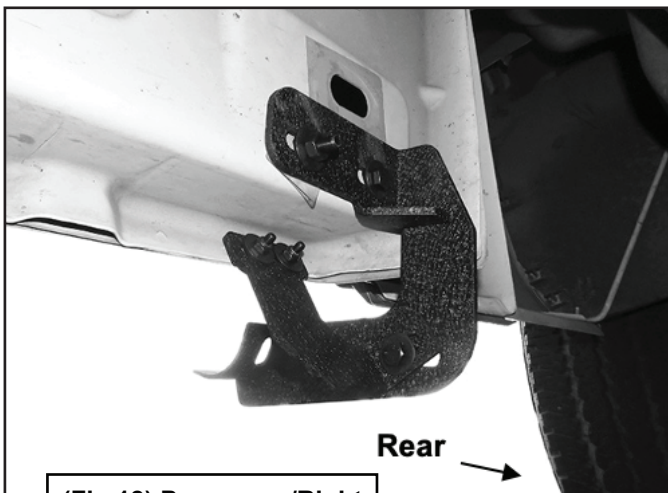
IMPORTANT: DO NOT slide or rotate Tyger Lander on cradles, or damage to the finish may result. Attach the Tyger Lander to the front and rear Mounting Brackets with (4) 8mm Combo Bolts (Figs 19 & 20). Attach the center tab on the Tyger Lander to the back of the Center Bracket with the included (2) 10mm Hex Bolts, (4) 10mm Flat Washers and (2) 10mm Nylon Lock Nuts (Figs 21 & 22). DO NOT tighten hardware.



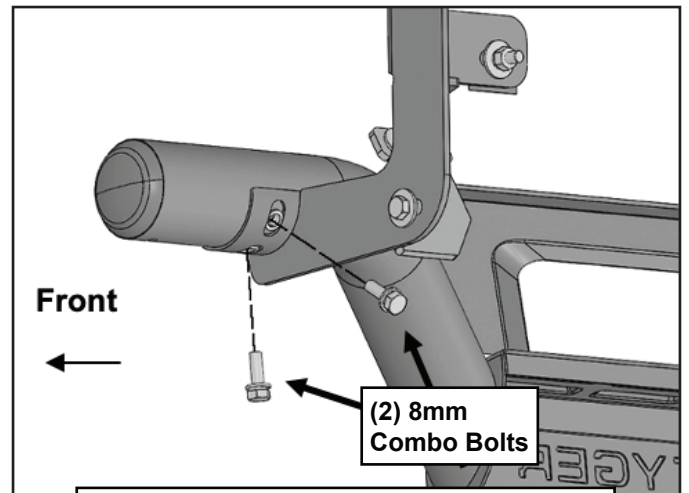
(Fig 16) Passenger/Right Rear Mounting location



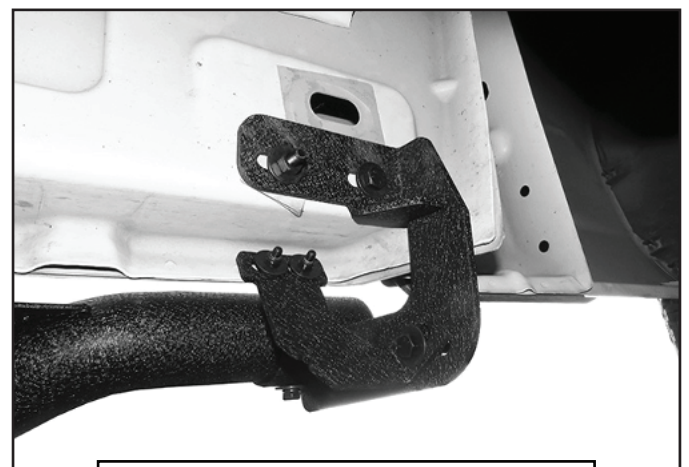
(Fig 17) Passenger/Right Rear Mounting Bracket and Support Bracket



(Fig 18) Passenger/Right Rear Brackets installed



(Fig 19) Attach the Passenger/Right Tyger Lander to the front and rear Brackets

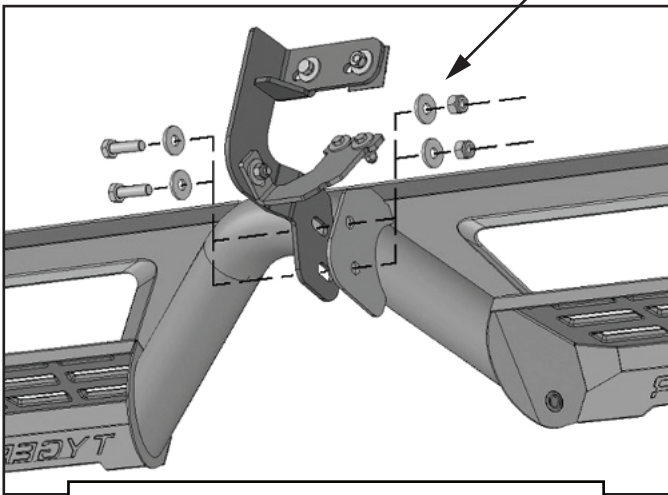


(Fig 20) Passenger/Right Tyger Lander attached to the rear Bracket

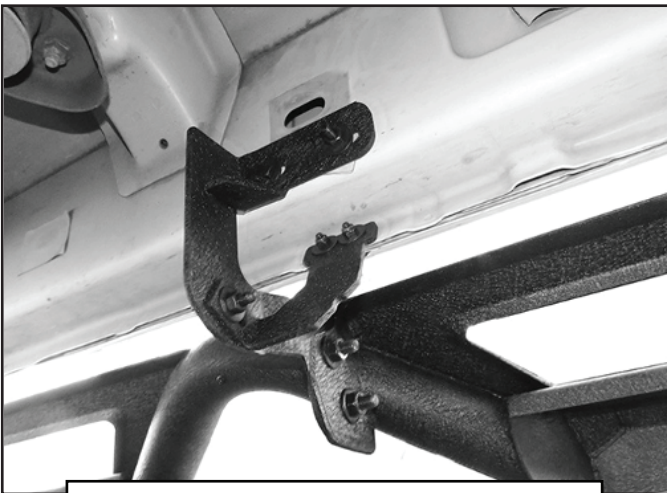


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(2) 10mm Hex Bolts
(4) 10mm Flat Washers
(2) 10mm Nylon Lock Nuts



(Fig 21) Attach the Passenger/Right Tyger Lander to the back of the Center Bracket



(Fig 22) Attach the Passenger/Right Tyger Lander to the back of the Center Bracket

STEP 10

Properly level and adjust the Tyger Lander and fully tighten all hardware.

2009-12 models requiring drilling for Support Brackets:

- Line up the slots on the Support Brackets with the back of the pinch weld. Mark the locations of the slots onto the pinch weld.
- Drill (2) 1/4" holes through the pinch weld for each Support Bracket.

IMPORTANT: DO NOT drill too close to the bottom edge of the pinch weld. Adjust the Brackets as necessary to move the slots up the pinch weld. Drill the holes toward the outside of the marked slots.

- Repeat **STEP 5** to attach the Support Brackets to the back of the pinch weld. Level and adjust then fully tighten all hardware.

STEP 11

Repeat **STEPS 2-10** to attach the Driver/Left Tyger Lander to the vehicle.

STEP 12

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