



TYGER

RISER[®]

TG-RS2D40078

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BEFORE INSTALLATION

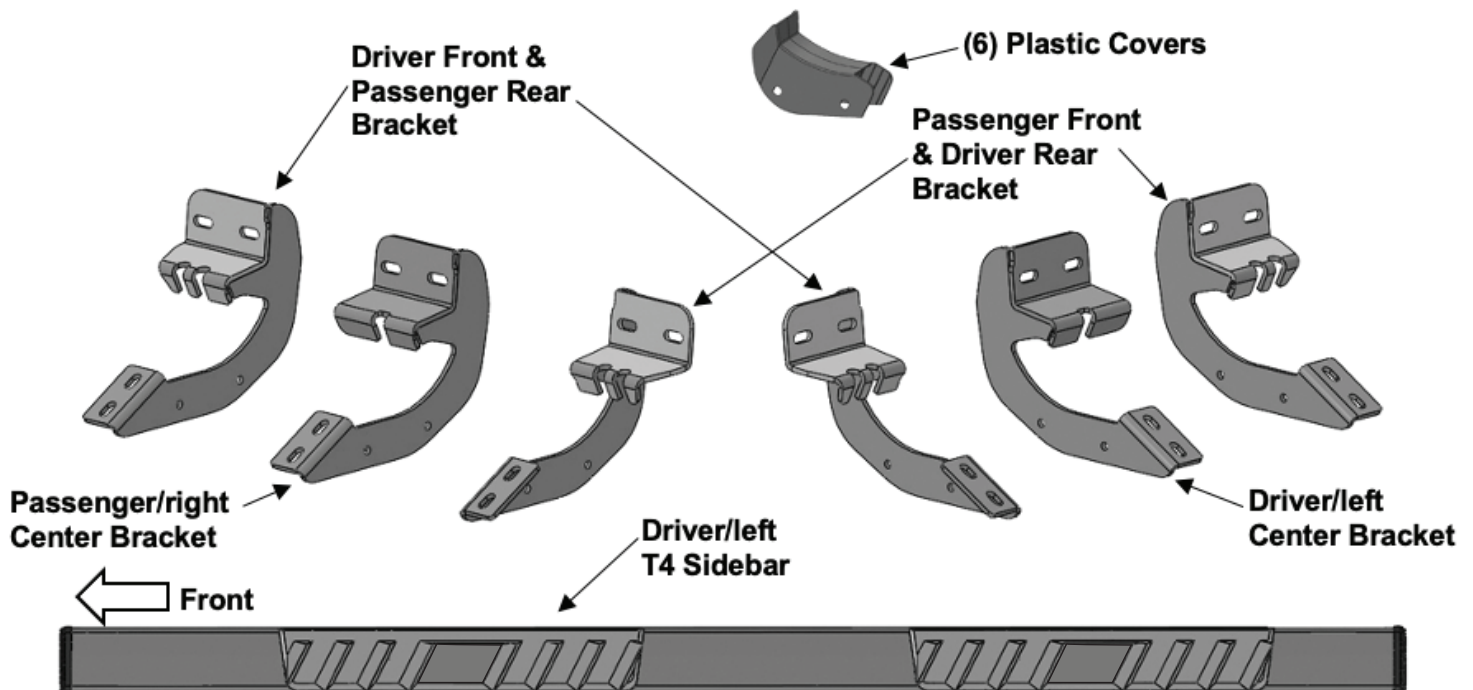
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT. FAILURE TO IDENTIFY DAMAGE BEFORE INSTALLATION COULD LEAD TO A REJECTION OF ANY CLAIM. IF MISSING PARTS OR ANY DAMAGE FOUND, PLEASE TAKE A PICTURE FOR THE CLAIM PURPOSE. TO FILE YOUR CLAIM,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

TORQUE VALUES

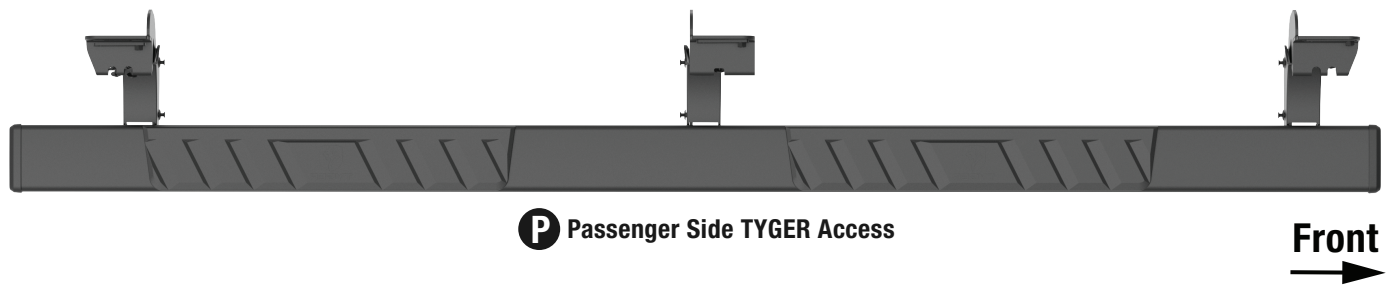
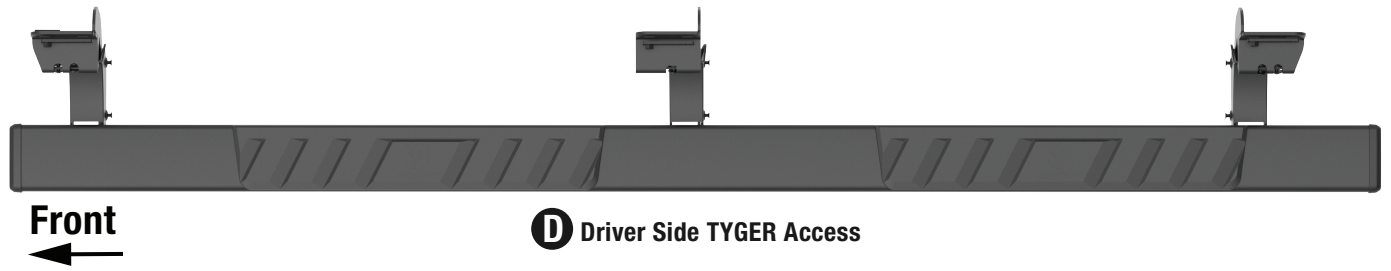
Fastener Size	Class 8.8 Torque (ft-lbs)	Class 10.9 Torque (ft-lbs)
6mm	6-7	6-7
8mm	15-16	22-23
10mm	31-32	44-45
12mm	54-55	78-79
14mm	87-88	125-126

Parts List

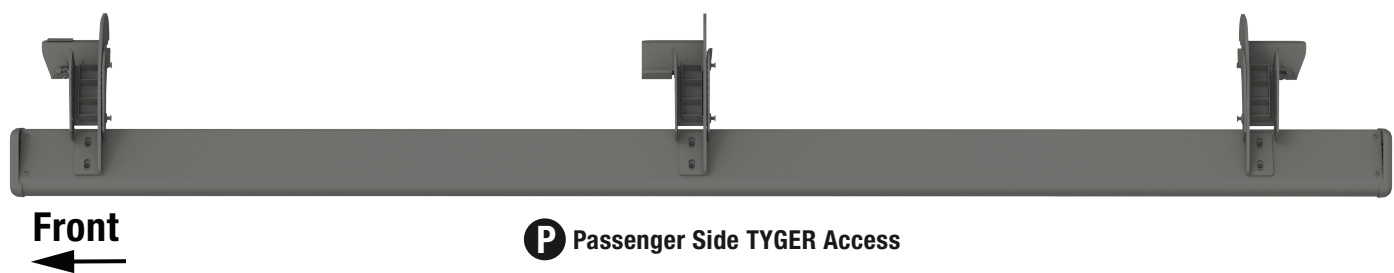
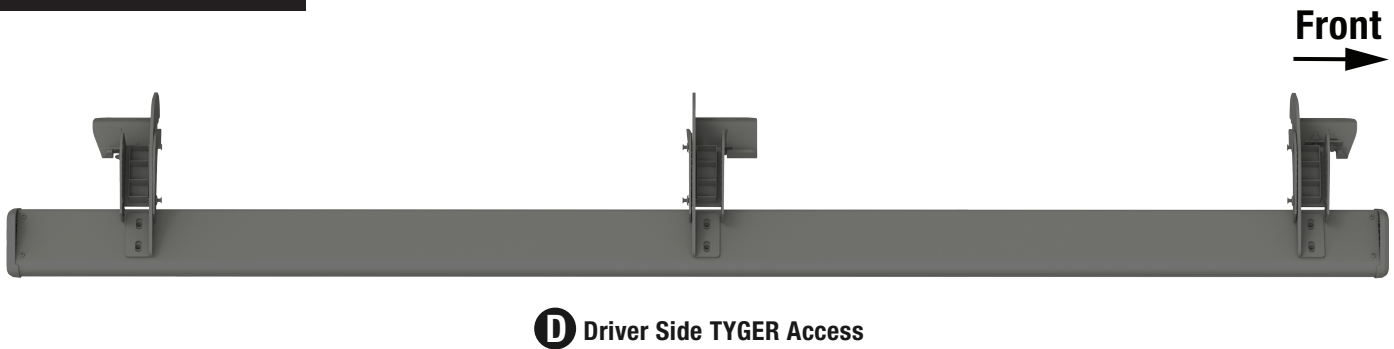
- x1 Driver/Left T4 Sidebar
- x1 Passenger/Right T4 Sidebar
- x2 Driver/Left Front/ Passenger/Right Rear Bracket
- x2 Driver/Left Rear/ Passenger/Right Front Bracket
- x1 Driver/Left Center Bracket
- x1 Passenger/Right Center Bracket
- x6 Plastic Covers
- x12 Plastic Clips
- x6 8mm x 30mm Bolt Plates
- x12 8mm x 25mm Combo Bolts
- x12 8-1.25mm x 30 Hex Bolts
- x12 8mm x 24mm OD x 2mm Flat Washers
- x12 8mm Lock Washers
- x6 8mm Hex Nuts
- x6 8mm Plastic Retainers
- x10 6mm x 25mm Button Head Bolts
- x20 6mm x 18mm OD x 1.6mm Flat Washers
- x10 6mm Flange Nuts
- x2 16mm x 34mm Spacer Plates
- x4 16mm x 60mm Spacer Plates
- x1 4mm Hex Wrench



Top View



Bottom View



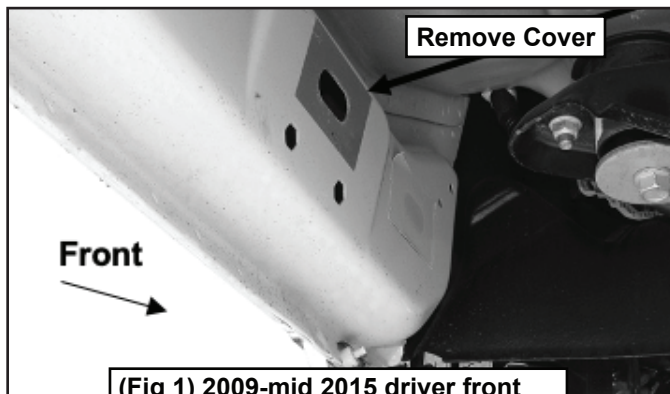
STEP 1

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

STEP 2

Starting at the driver front side of the vehicle, remove the sealing tape covering the factory holes in the side of the inner panel (Fig 1).

Driver/Left Side Installation Pictured



(Fig 1) 2009-mid 2015 driver front mounting location (No factory holes in pinch weld 2009-2012 models)

STEP 3

Determine the correct procedure to attach the driver/left side Front Bracket for your model/year:

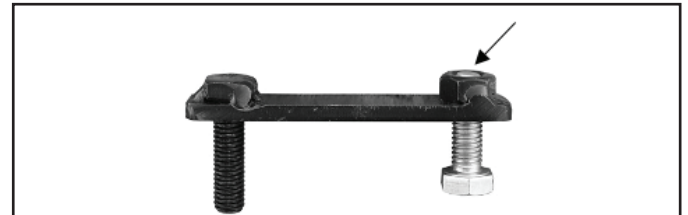
Models without factory threaded inserts in body panel (see Fig 1):

a. Select (1) 8mm Bolt-Nut Plate (Fig 2). Partially thread an 8mm Hex Bolt into the threaded nut on the Bolt-Nut Plate (Fig 3). Thread the Hex Bolt in until it is flush with the welded nut. 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.

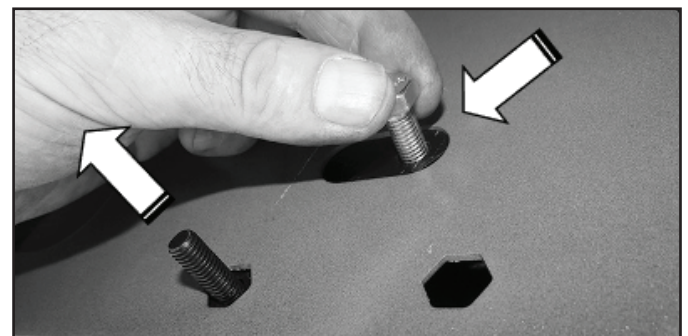
Driver/Left Side Installation Pictured



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



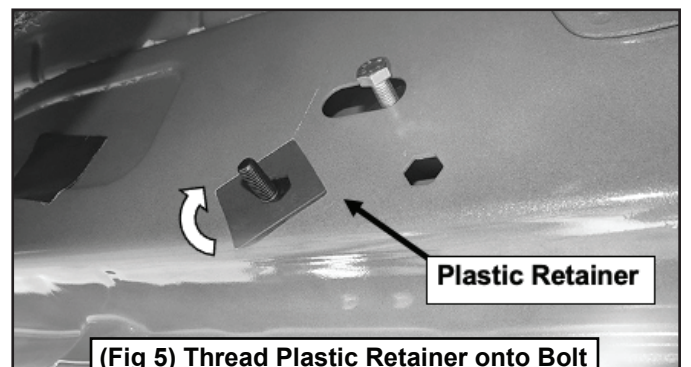
(Fig 3) Thread (1) 8mm Hex Bolt into the nut on the plate. Stop when bolt reaches end of nut as pictured



(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 5)

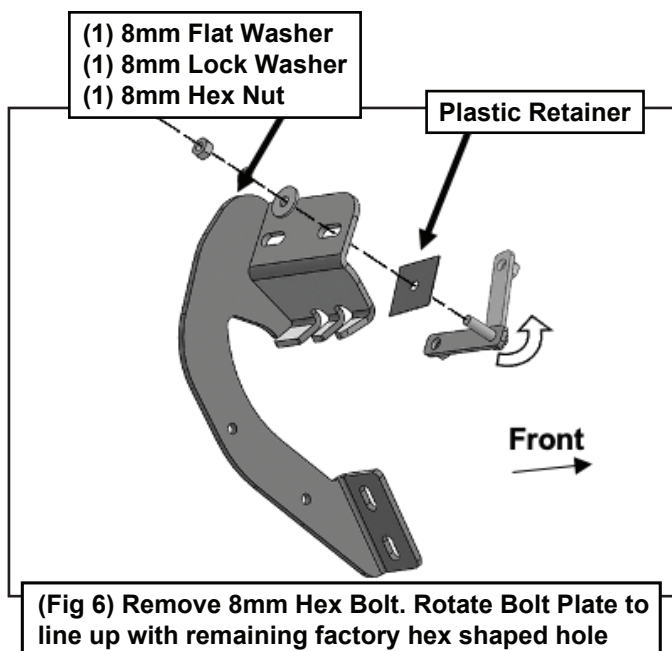
b. Thread (1) 8mm Plastic Retainer onto the threaded end and down tight against the body panel (Fig 5).

NOTE: The Plastic Retainer is designed to keep the Bolt-Nut Plate from falling into the body panel and to aid in Bracket installation.

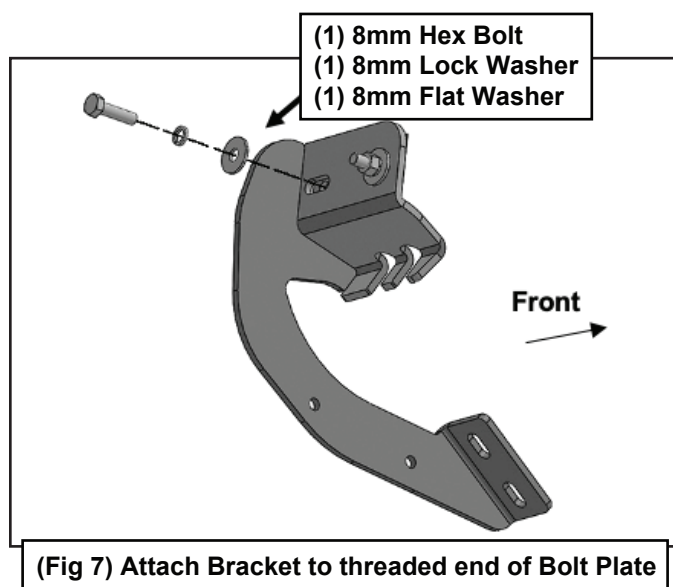


(Fig 5) Thread Plastic Retainer onto Bolt Plate to hold Bolt Plate in position.

c. Select the driver/left side Front Bracket. Attach the Bracket to the threaded end of the Bolt Plate with (1) 8mm Flat Washer, (1) 8mm Lock Washer and (1) 8mm Hex Nut (Fig 6).



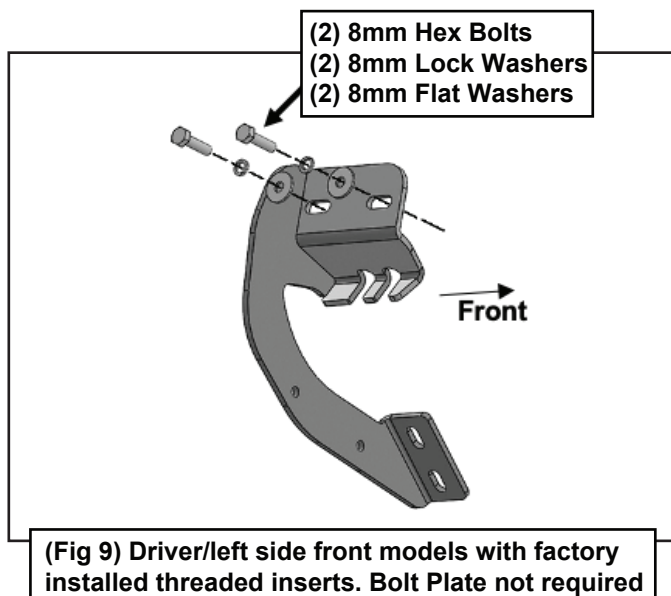
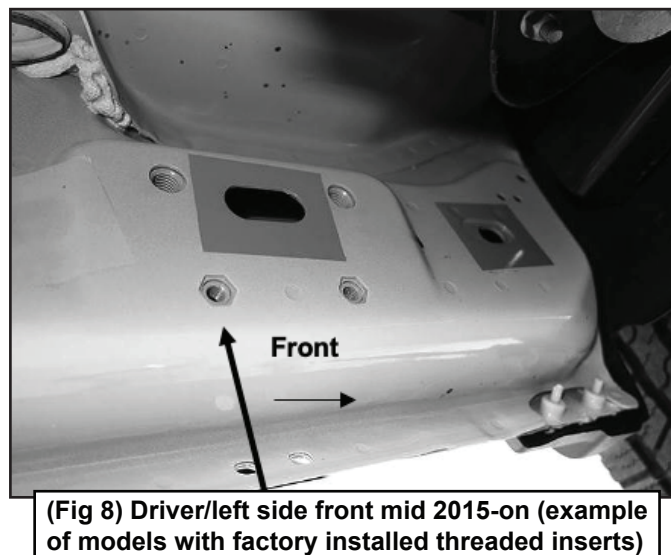
d. Remove the 8mm Hex Bolt from the nut on the Bolt Plate from Step 3a. Rotate the Bolt on the Bolt-Nut Plate until the threaded nut lines up with the remaining hole in the Bracket and hex hole in the body panel (Fig 7). Attach the Bracket to the threaded nut with (1) 8mm x 30mm Hex Bolt, (1) 8mm Lock Washer and (1) 8mm Flat Washer (Fig 7). DO NOT tighten hardware.



Models with factory threaded inserts, (see Figure 8):

a. Attach the driver/left side Front Bracket to the threaded inserts with (2) 8mm x 30mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers (Figs 8 & 9). Leave hardware loose.

IMPORTANT: Rust or dirt may build up overtime and clog up the holes preventing the bolts to be installed. In this case, use a 8-1.25mm Tap (not included) to clear and cut new threads to allow the bolts to be mounted.



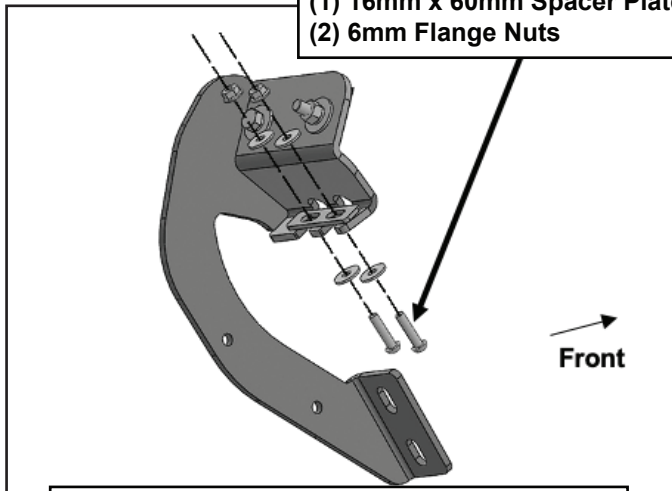
IMPORTANT: 2009-2012 models without holes in pinch weld will require drilling 1/4" holes through pinch weld to attach the bracket. Do complete installation of Sidebars first, level Sidebar before drilling holes for bracket.

STEP 4

Next, attach the Bracket to the back of the pinch weld with (2) 6mm Button Head Bolts, (4) 6mm x 18mm Flat Washers, (1) 16mm x 60mm Spacer Plate and (2) 6mm Flange Nuts (Fig 10). DO NOT fully tighten hardware at this time.

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

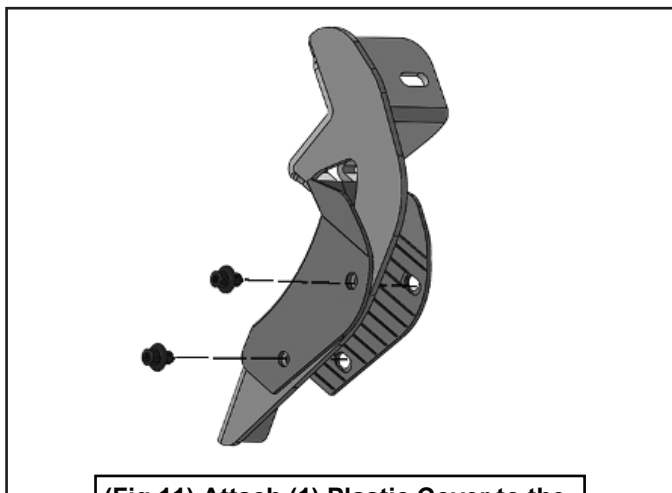
(2) 6mm Button Head Bolts
(4) 6mm x 18mm Flat Washers
(1) 16mm x 60mm Spacer Plate
(2) 6mm Flange Nuts



(Fig 10) Attach Bracket to back of pinch weld (models with factory holes in pinch weld only)

STEP 5

Select (1) Plastic Cover. Attach the Cover to the Mounting Bracket with (2) Plastic Clips (Fig11).

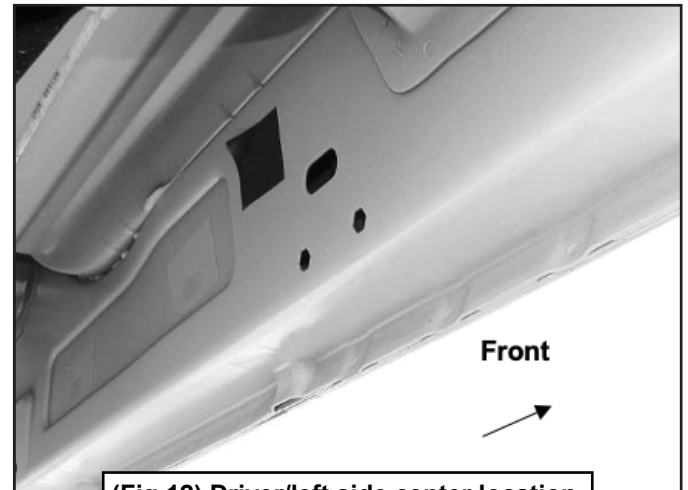


(Fig 11) Attach (1) Plastic Cover to the Mounting Bracket with (2) Plastic Clips

STEP 6

Move along the side of the body panel to the center mounting location (Fig 12). Repeat the appropriate **STEPS 2-5** to install the Passenger/Right Center Bracket.

IMPORTANT: The Center Mounting Bracket will use the 16mm x 34mm Spacer Plate.



(Fig 12) Driver/left side center location

STEP 7

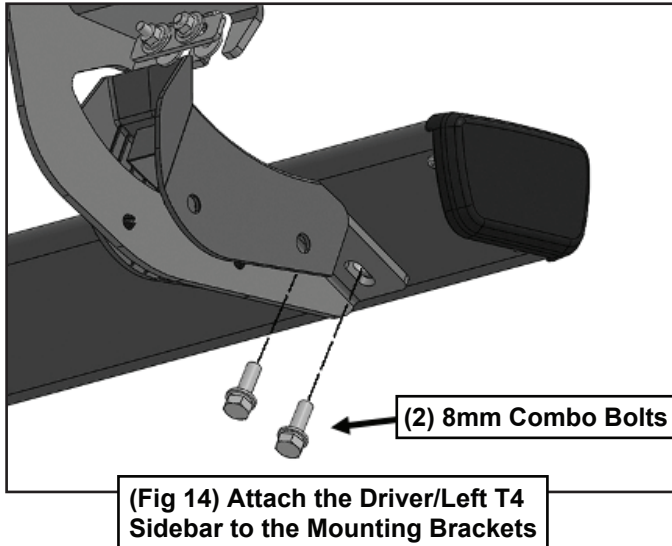
Move to the rear location (Fig 13). Repeat the appropriate **STEPS 2-5** to install the Driver/left side Rear Bracket.



(Fig 13) Driver/left rear mounting location

STEP 8

Once all Brackets have been fully installed, select the Driver/Left T4 Sidebar. Attach the Sidebar to the Brackets with (6) 8mm Combo Bolts (Fig 14). DO NOT tighten hardware at this time.



STEP 10

Repeat **STEPS 2-9** to attach the Passenger/Right T4 Sidebar.

STEP 11

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

STEP 9

Properly level and adjust the Sidebar and fully tighten all hardware.

2009-12 models requiring drilling to attach Brackets to pinch weld:

- Level the Sidebar to the vehicle. Make sure all (3) Brackets are tight against the bottom of the body panel and tighten all mounting hardware.
- Mark the location of the slots onto the pinch weld.
- Temporarily remove the Sidebar and the (3) Mounting Brackets. Drill (2) 1/4" holes through the pinch weld for each Bracket.

IMPORTANT: DO NOT drill too close to the bottom edge of the pinch weld. Drill the holes in the center of the marked slots.

- Repeat **STEP 4** to attach the Brackets to the drilled holes in the pinch weld. Check for level then fully tighten all hardware.