



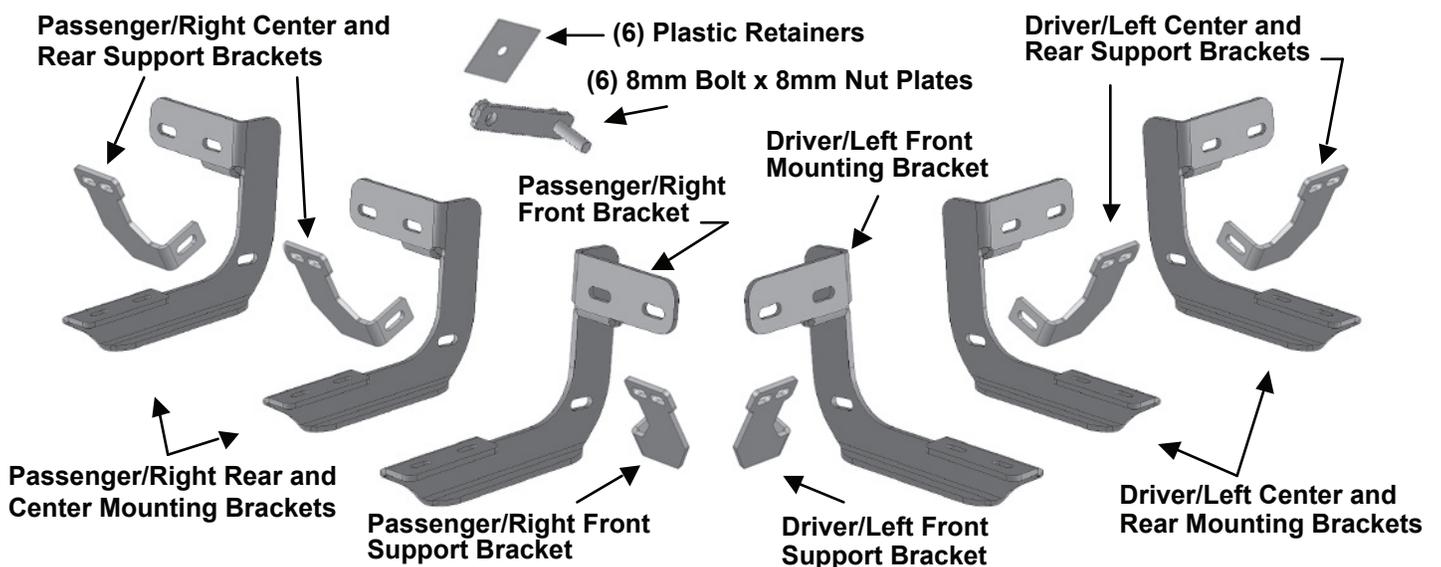
# TYGER<sup>®</sup>

## TYGER STEP<sup>™</sup>

Part#: TG-ST2D50018

### Parts List

- |   |                                   |                          |
|---|-----------------------------------|--------------------------|
| x2 TYGER STEP Running Boards                    | x6 8mm Plastic Retainers          | x12 6mm x 25mm Hex Bolts |
| x1 Driver Front Mounting Bracket                | x18 8mm-1.25 x 30 Hex Bolts       | x12 6mm Lock Washers     |
| x1 Passenger Front Mounting Bracket             | x24 8mm x 24mm x 2mm Flat Washers | x12 6mm Nylon Lock Nuts  |
| x2 Driver Center/Rear Mounting Brackets         | x12 8mm Lock Washers              | x12 6mm Hex Nuts         |
| x2 Passenger Center/Rear Mounting Brackets      | x6 8mm Hex Nuts                   |                          |
| x3 Support Brackets (DS Front & PS Center/Rear) | x6 8mm Nylon Lock Nuts            |                          |
| x3 Support Brackets (PS Front & DS Center/Rear) | x12 6mm T-Bolts                   |                          |
| x6 8mm Nut/Bolt Plates                          | x36 6mm x 22mm x 2mm Flat Washers |                          |





## Before Installation

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

### STEP 1

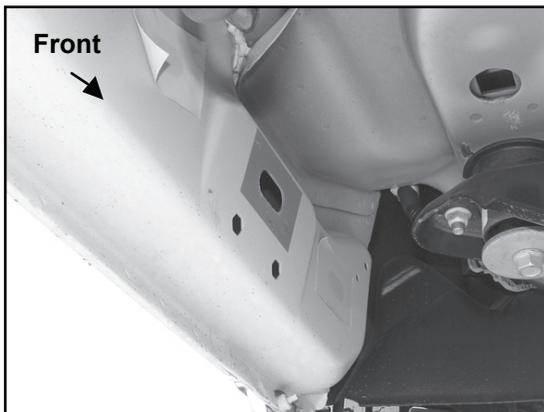
Starting toward the front of the passenger side, remove the factory front body mount bolt with washer, (Figure 1). Remove but do not discard the rubber bushing from the factory bolt.

### STEP 2

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

#### Models without factory threaded inserts in body panel:

- a. Partially thread an 8mm Hex Bolt into the threaded end of an 8mm Bolt and Nut Plate, (Figure 2). Thread the Hex Bolt in until it is flush with the welded nut, (Figure 3). Use the Hex Bolt as a handle and insert the Bolt and Nut Plate into the oval hole, (Figure 4). Feed the threaded bolt on the Bolt Plate through one of the hex shaped factory holes. Thread (1) 8mm Plastic Retainer onto the



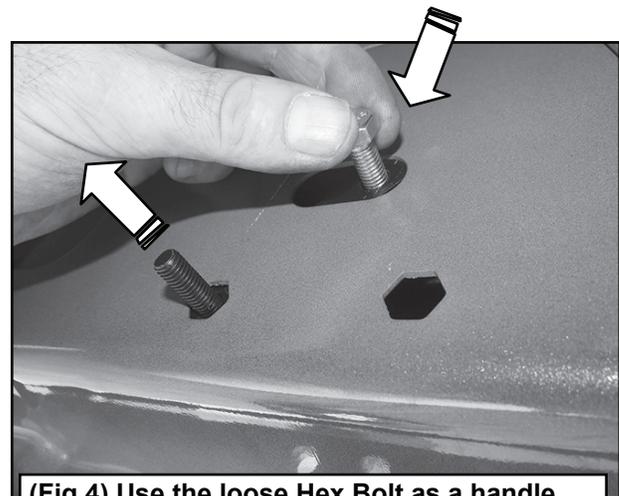
(Fig 1) 2009-mid 2015 Driver/Left front mounting location (No factory holes in pinch weld 2009-2011 models)



(Fig 2) 8mm Bolt-8mm 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)



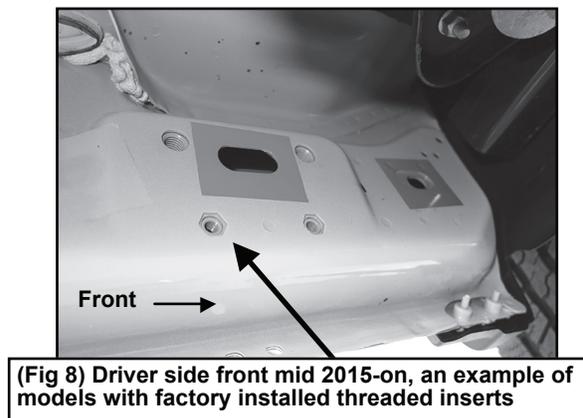
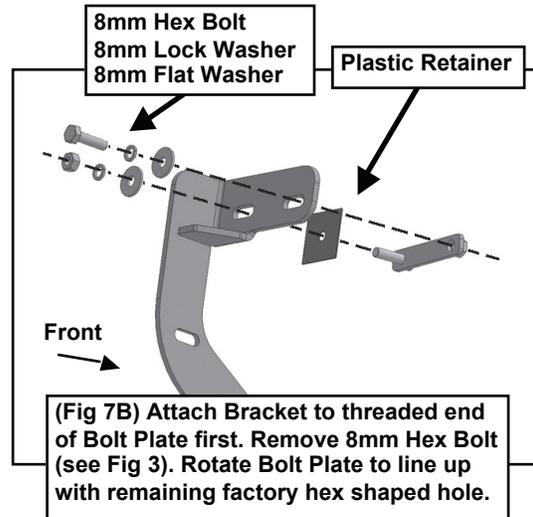
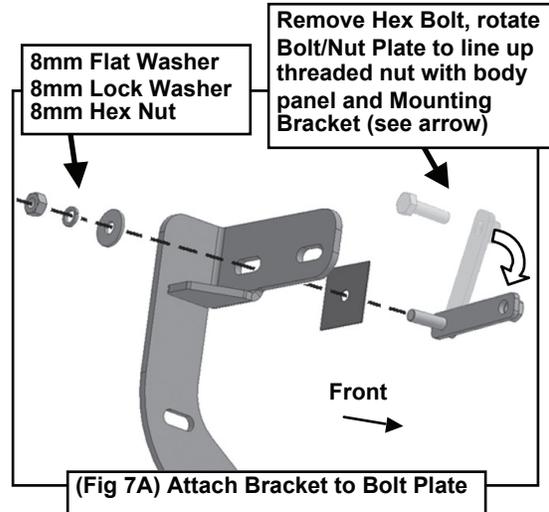
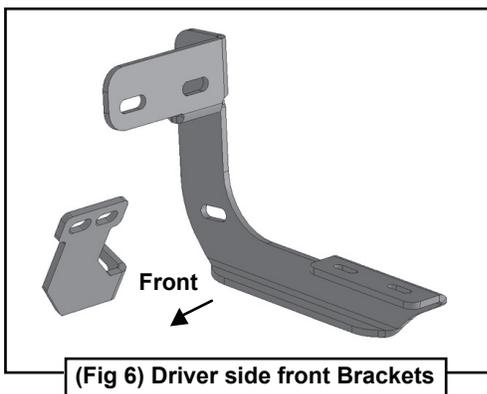
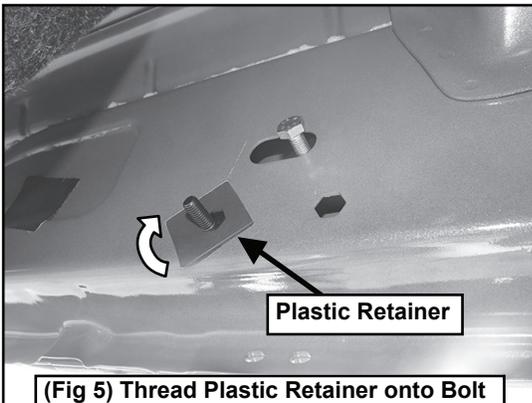
threaded end and down tight against the body panel, (Figure 5).  
NOTE: The Plastic Retainer is designed to keep the Bolt/Nut Plate from falling into the body panel and to aid in Bracket installation.

b. Select the driver side front Mounting Bracket, (Figure 6). 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, (Figure 7A). Do not tighten at this time.

c. Remove the 8mm Hex Bolt from the nut on the Bolt Plate from Step 2a. Rotate the Bolt on the Bolt Plate until the threaded nut lines up with the remaining hole in the Mounting Bracket and body panel, (Figure 7B). Attach the Bracket to the threaded Nut Plate with (1) 8mm x 30mm Hex Bolt, (1) 8mm Lock Washer and (1) 8mm Flat Washer. Do not tighten hardware at this time.

### Models with factory threaded inserts:

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



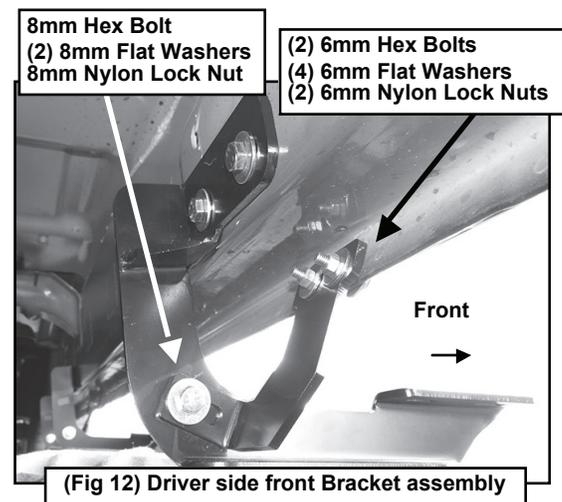
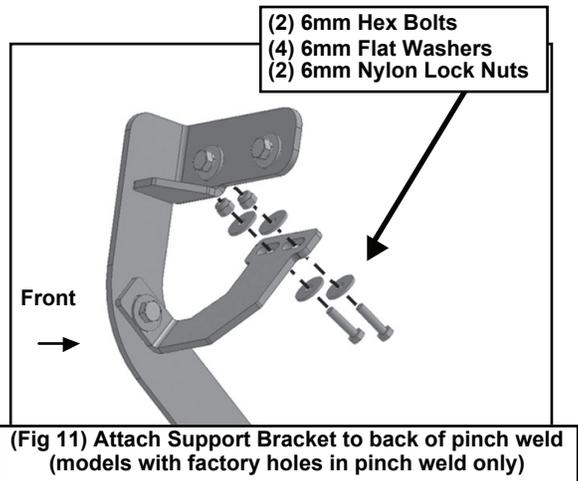
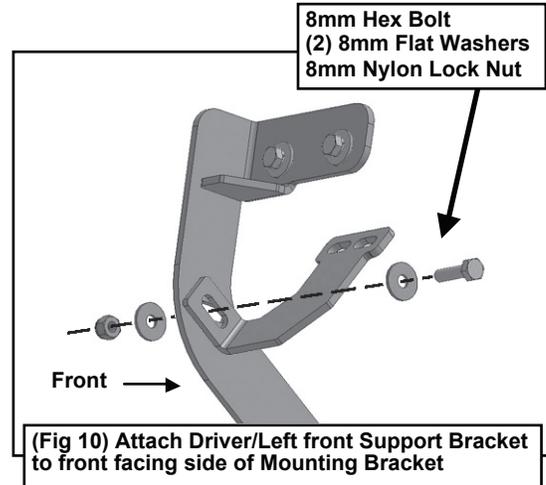
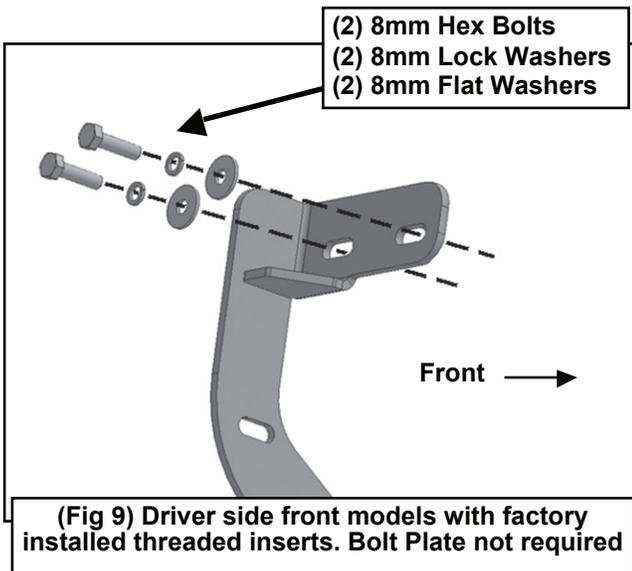


## STEP 3

Next, select the driver side front Support Bracket. Attach the Bracket to the front facing side of the front Bracket with (1) 8mm x 30mm Hex Bolt, (2) 8mm Flat Washers and (1) 8mm Nylon Lock Nut, (Figure 10). Rotate the Support Bracket to the back of the pinch weld. Line up the slots in the top of the Support Bracket with the (2) factory holes in the pinch weld. Attach the Bracket to the back of the pinch weld with (2) 6mm x 25mm Hex Bolts, (4) 6mm Flat Washers and (2) 6mm Nylon Lock Nuts, (Figures 11 & 12). Do not fully tighten hardware at this time. **IMPORTANT:** 2009-10 models are not 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 9).

## STEP 4

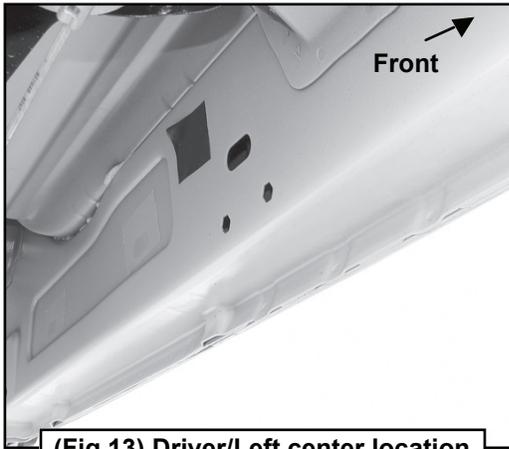
Move along the side of the body panel to the center mounting location, (Figure 13). Repeat the appropriate Step 2 to install the driver side center Bracket, (Figure 14). **IMPORTANT:** The front bracket is different from the center and rear Mounting Brackets, (see illustration above-note direction of mounting plate). Select (1) driver side center/rear Support Bracket. Repeat Step 3 to attach the Support Bracket to the back of the center bracket and factory holes (if equipped) in the pinch weld, (Figure 15).



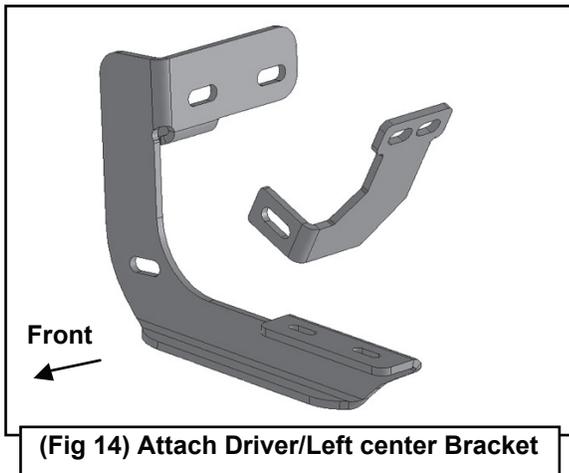


## STEP 5

Move to the rear location, (Figure 16). Repeat Step 4 to install the rear Mounting Bracket, (Figure 17).

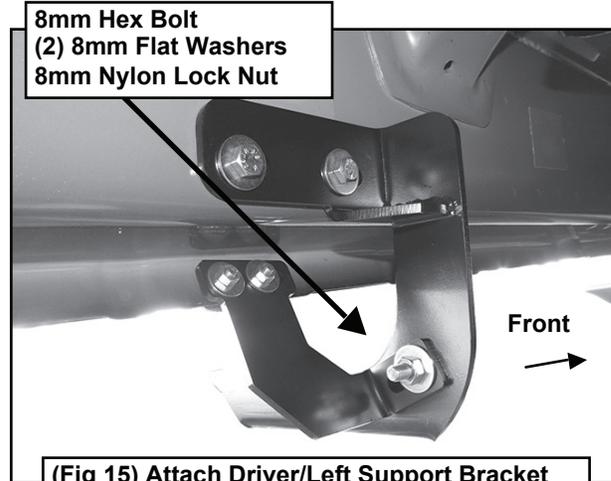


(Fig 13) Driver/Left center location

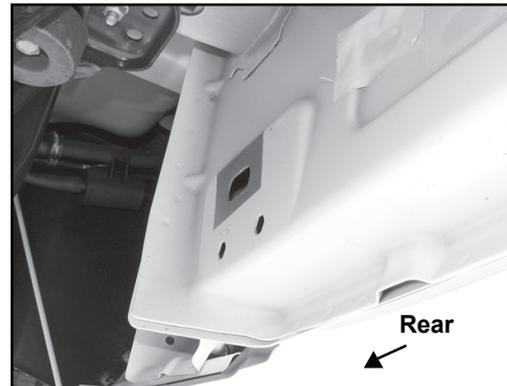


(Fig 14) Attach Driver/Left center Bracket

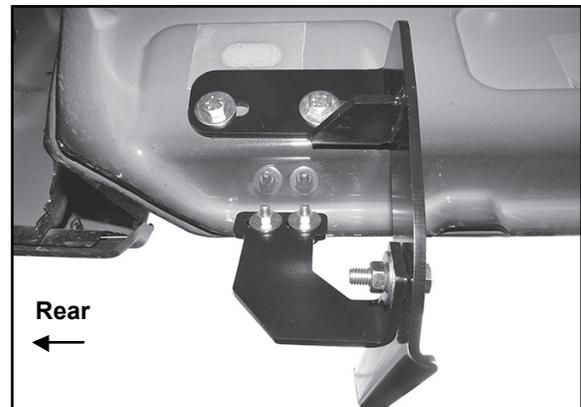
**IMPORTANT: 2009-2010 models without holes in pinch weld will require drilling 1/4" holes through pinch weld to attach Support Brackets. Do complete installation of Running Boards first and level Running Boards before drilling holes for Support Brackets.**



(Fig 15) Attach Driver/Left Support Bracket to back of Center Mounting Bracket



(Fig 16) Driver/Left rear mounting location



(Fig 17) Driver/Left rear Mounting Bracket assembly



## STEP 6

Once all (3) Brackets have been installed, select one Running Board. Locate the two channels in the bottom of the Running Board. (3) 6mm T-Bolts are required for each channel. Slide (3) T-Bolts into each channel, (Figure 18).

## STEP 7

Hold the Running Board up in approximate position and slide the T-Bolts along the channel to line up with the (3) Mounting Brackets. Tilt the Board up at a slight angle and push back against the vehicle until the T-Bolts fit into the slots in the Brackets.

## STEP 8

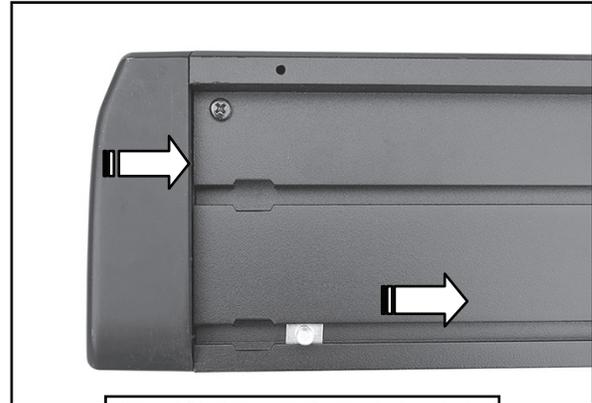
Secure the Running Board to the Brackets with (6) 6mm Flat Washers, (6) 6mm Lock Washers and (6) 6mm Hex Nuts, (Figures 19 & 20). Leave hardware loose at this time. NOTE: The Running Board is designed to fit close to the vehicle. It may be necessary to loosen the Bracket hardware and tilt the Brackets downward to insert the Running Board between the Brackets and the body. Do not fully tighten hardware at this time.

## STEP 9

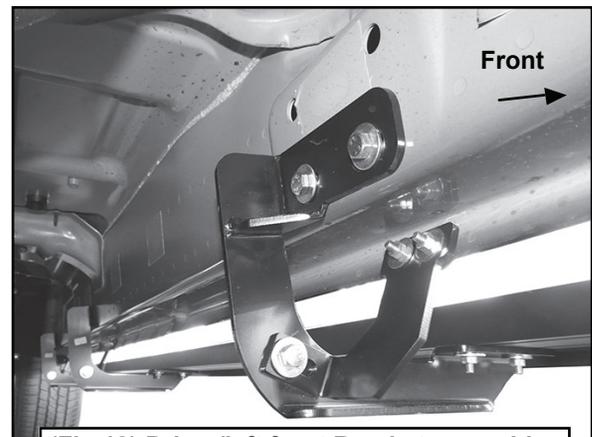
Properly level and adjust the Running Board and fully tighten all hardware.

### 2009-10 models requiring drilling for driver side Support Brackets:

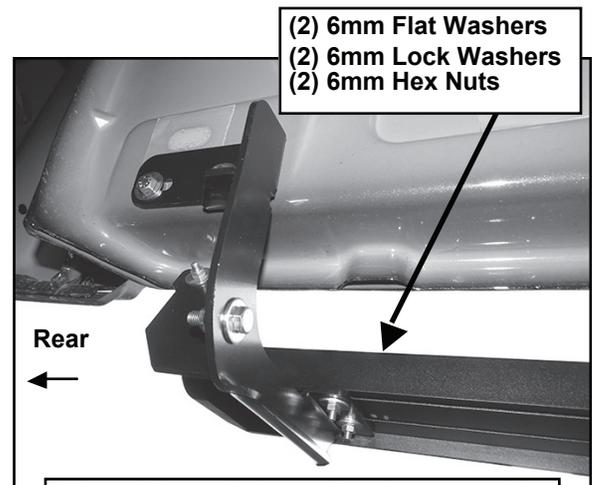
- Make sure the Running Board is level to the vehicle. Adjust and tighten all mounting hardware.
- Line up the slots on the Support Brackets with the back of the pinch weld. Mark the location of the slots onto the pinch weld.
- Drill (2) 1/4" holes through the pinch weld for each Support Bracket. IMPORTANT: Do not drill too close to the bottom edge of the pinch weld. Adjust the Brackets as necessary to move the



(Fig 18) Slide T-Bolts into slots



(Fig 19) Driver/left front Bracket assembly



(Fig 20) Driver/left rear Bracket assembly



slots up the body panel away from the edge. Drill the holes toward the outside of the marked slots.

d. Attach each Support Bracket to the pinch weld with (2) 6mm Hex Bolts, (4) 6mm Flat Washers and (2) 6mm Nylon Lock Nuts, (Figures 12, 15, 17, 19 & 20). Check for level then fully tighten all hardware.

## STEP 10

Move to the passenger side of the vehicle. Remove tape covering front, center and rear locations. Repeat Steps 1-9 for passenger side Running Board installation. NOTE: Refer to the illustration on Page 1 to identify the correct Mounting Bracket for each of the remaining locations.

## STEP 11

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

## Torque Value

Fastener Size	Class 8.8 Tightening Torque (ft-lbs)	Class 10.9 Tightening 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

