



# TYGER®

## STAR ARMOR®

### BEFORE INSTALLATION

READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT. ASSISTANCE IS RECOMMENDED. FAILURE TO IDENTIFY DAMAGE BEFORE INSTALLATION COULD LEAD TO A REJECTION OF ANY CLAIM. IF ANY DAMAGE FOUND, PLEASE TAKE A PICTURE FOR THE CLAIM PURPOSE. PLEASE ALSO SEND THE PICTURES, ORDER NUMBER, AND DETAILS OF THE ISSUE TO [SUPPORT@TYGERAUTO.COM](mailto:SUPPORT@TYGERAUTO.COM).

### Torque Value

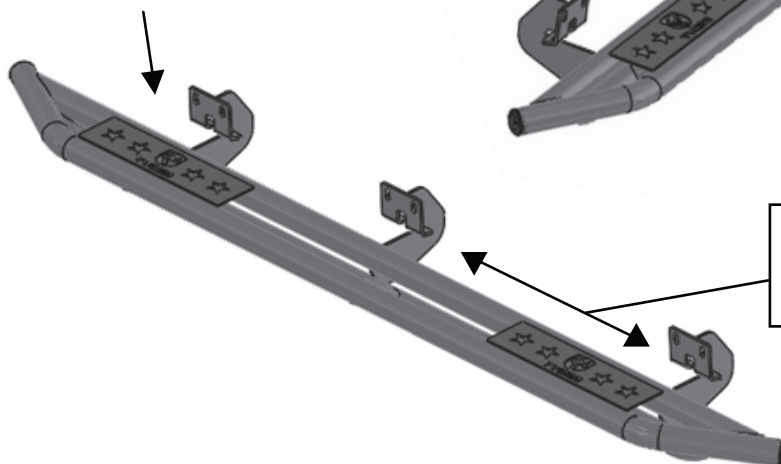
Fastener Size	Class 8.8 Tightening Torque (ft-lbs)	Class 10.9 Tightening Torque (ft-lbs)
6mm	6-7	6-7
8mm	15-16	22-23
10mm	31-32	44-45
12mm	54-55	78-79
14mm	87-88	125-126

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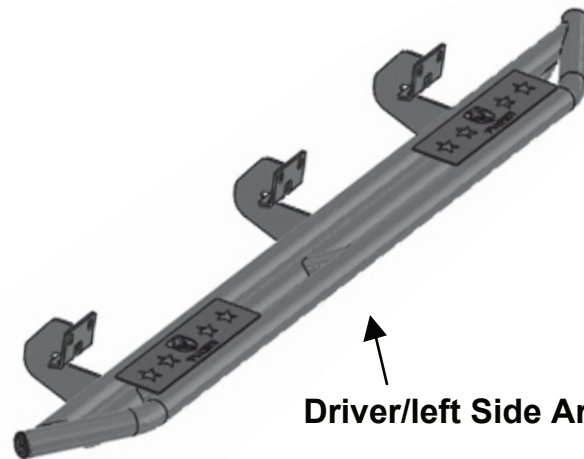
### Parts List

- x1 Driver/Left Side Armor
- x1 Passenger/Right Side Armor
- x12 8-1.25mm Deep Clip Nuts
- x12 8-1.25mm x 30mm Hex Bolts
- x12 8-1.25mm x 25mm Hex Bolts
- x12 8mm x 28mm x 3mm Large Flat Washers
- x24 8mm x 24mm x 2mm Flat Washers
- x24 8mm Lock Washers
- x12 8-1.25mm Hex Nuts

Passenger/Right Side Armor



Driver/Left Side Armor



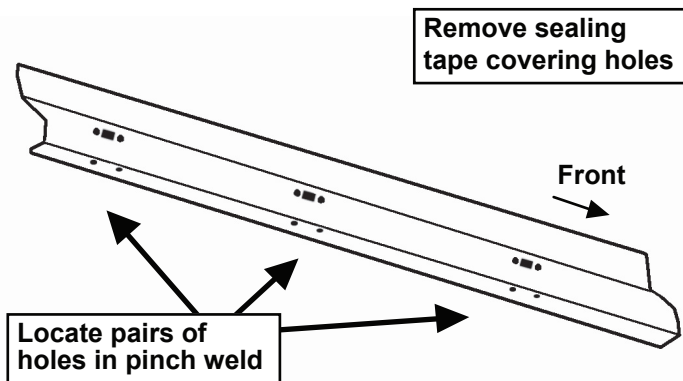
**NOTE:** There is a wider gap between the welded front and center bracket.



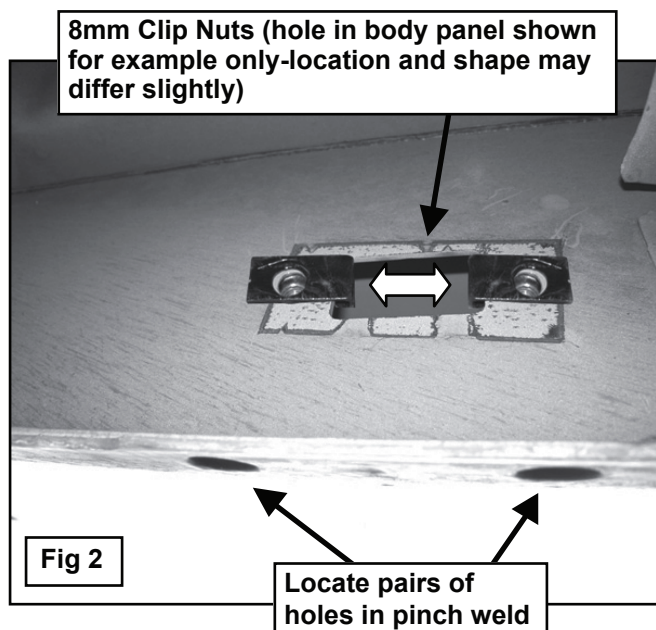
## STEP 1

Starting on the driver side of the vehicle, locate the (2) holes in the bottom of the body panel, (pinch weld). Next locate the rectangular opening and (2) small holes in the inner body panel directly above the holes in the pinch weld, (Fig 1 & 2)

**NOTE:** The holes in the body panel may be covered with sealing tape or insulation.



(Fig 1) Driver/left side factory mounting locations illustrated from back of body panel



## STEP 2

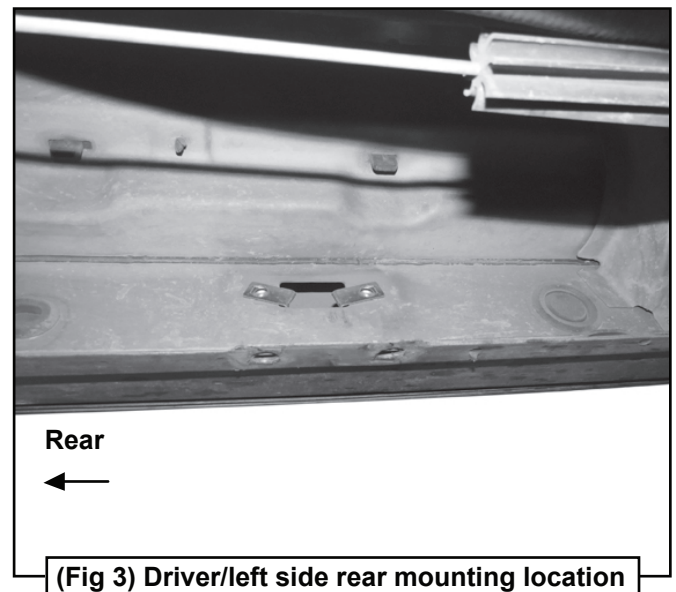
Slide (1) 8mm Clip Nut into the rectangular opening with the nut towards the inside. Line up the threaded nut on the clip with the round hole, (Fig 2). Repeat to install the 2nd 8mm Clip Nut in the remaining hole.

## STEP 3

Continue along the cab to the center mounting location. Repeat Steps 1-2 to install the (2) 8mm Clip Nuts in the center mounting location.

## STEP 4

Locate the last (2) mounting holes in the pinch weld towards the back of the cab, (Fig 3). Repeat Steps 1-2 to install the (2) 8mm Clip Nuts.





## STEP 5

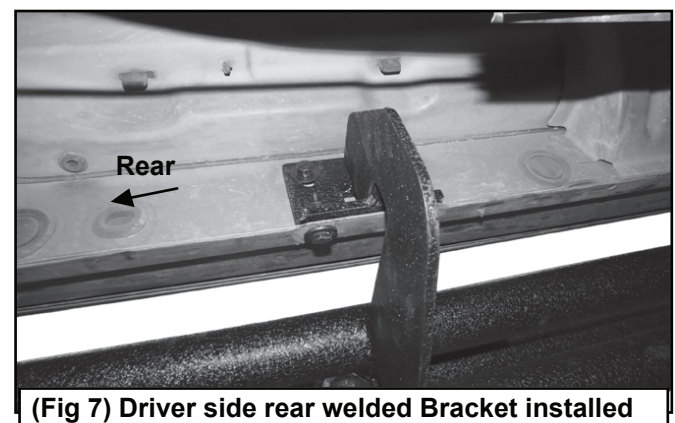
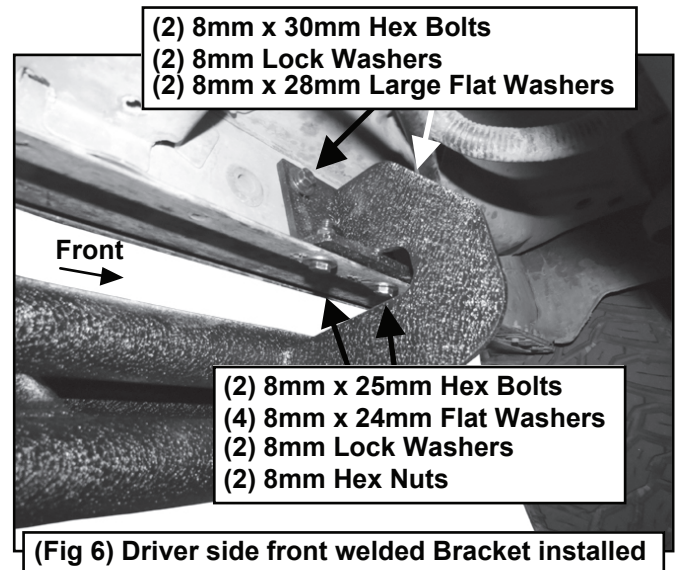
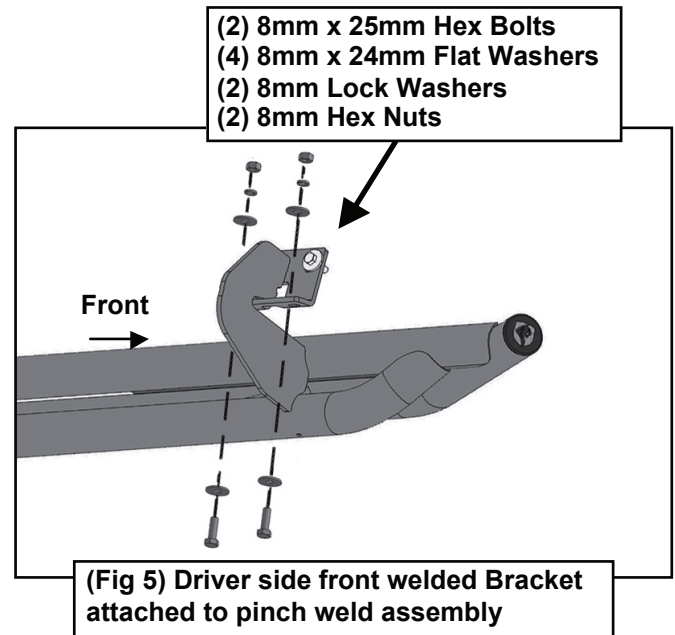
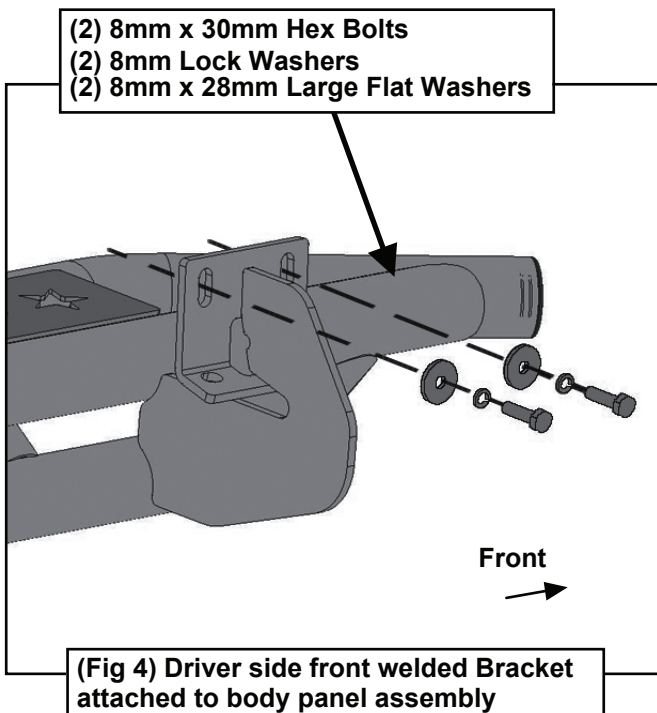
Select the driver/left Side Armor.

**NOTE:** The driver and passenger Side Armor assemblies are very similar. Use the illustration above to properly identify the driver/left Side Armor.

**NOTE:** There is a longer distance between the welded front and center Bracket than the center and rear Bracket.

## STEP 6

With assistance, hold the driver/left Side Armor up in place against the inner body panel. Attach the Side Armor to the (6) Clip Nuts with the included (6) 8mm x 30mm Hex Bolts, (6) 8mm Lock Washers and (6) 8mm x 28mm Large Flat Washers, (Fig 4-7). Leave hardware loose.

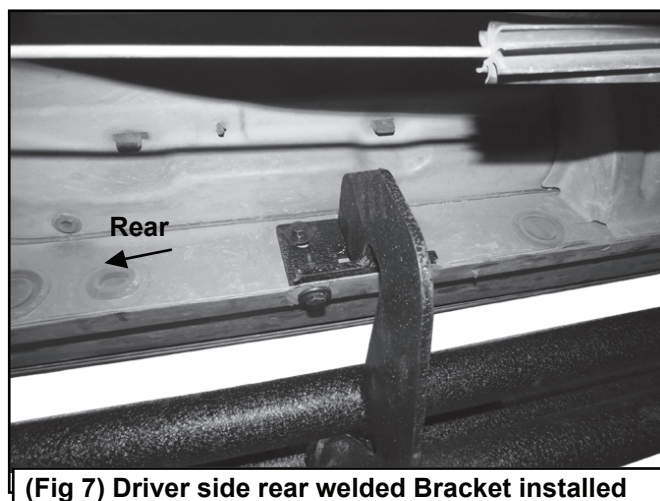
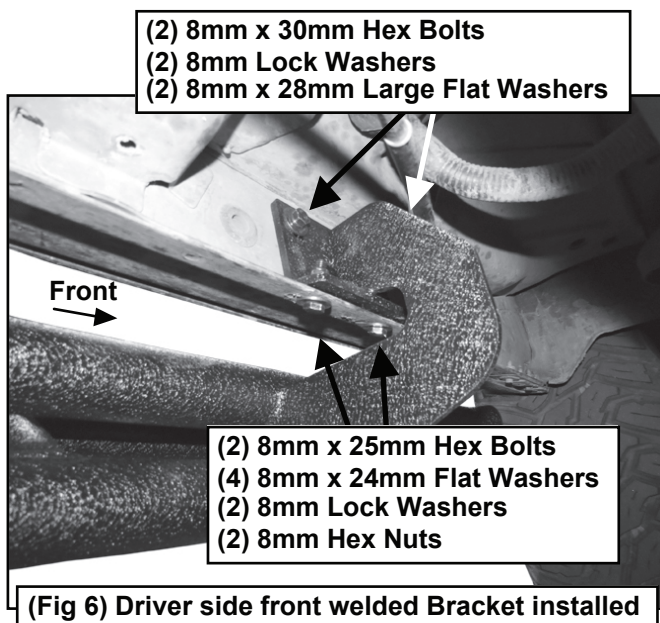




## STEP 7

Align the bottom holes in the Side Armor with the holes along the pinch weld. Attach the Side Armor to the pinch weld using the included (6) 8mm x 25mm Hex Bolts, (12) 8mm x 24mm Flat Washers, (6) 8mm Lock Washers and (6) 8mm Hex Nuts, (Fig 4-7).

**NOTE:** Insert the bolts up from the bottom of the pinch weld and through the Bracket



## STEP 8

Level and adjust the Side Armor and tighten all hardware.

## STEP 9

Repeat Steps 1-8 for passenger/right Side Armor installation.

**NOTE:** Depending on model and year, the brake cable may be run on the inside or outside of the front bracket.

## STEP 10

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



Complete Installation