



STAR ARMOR®

PARTS INCLUDED

- (1) Driver/Left TYGER Armor Assembly
- (1) Passenger/Right TYGER Armor Assembly
- (6) 8-1.25mm x 35mm Hex Bolts
- (6) 8mm Lock Washers
- (6) 8mm x 28mm OD x 3mm Large Flat Washers
- (6) 10mm Nut Plates
- (6) 10-1.5mm x 35mm Hex Bolts
- (6) 10mm Lock Washers
- (6) 10mm x 34mm OD x 3mm Flat Washers
- (12) 6-1.0mm x 25mm Hex Bolts
- (24) 6mm ID x 22mm OD x 2mm Flat Washers
- (12) 6mm Nylon Lock Nuts

Torque Value (Tightening Torque)

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

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.

STEP 1

Start installation on the passenger side of the vehicle. Locate the (3) factory pairs of mounting holes along the pinch weld, **(Figure 5)**. The mounting brackets on the TYGER Armor attach to the holes in the pinch weld and the small hole directly behind the pinch weld.

STEP 2

Determine if the vehicle has an open floor panel, **(2007-2010, Figure 1)**, or threaded holes in the floor panel, **(2011-2017 Figure 2)**, for the top tab on the Bracket.

Vehicles with open mounting locations along floor panel:

Move to the front pair of holes in the pinch weld. Locate the mid-point between the two holes, **(Figure 3)**. Insert (1) 10mm Nut Plate into the large square opening in the floor panel, **(Fig 4A & 4B)**. Line up the threaded nut with the small hole directly in line with the mid-point, **(Figure 3)**. Repeat to install the 10mm Nut Plate as required in any/all locations.

Vehicles with factory threaded holes in floor panel:

Skip to Step 3.

To Next Page >

STEP 3

With assistance, hold the passenger Star Armor up in place against the **back/interior** side of the pinch weld.

⚠ DO NOT attempt to install directly onto the exterior side of the pinch weld. Line up the (3) brackets with the (6) factory holes in the pinch weld. Bolt the brackets to the back of the pinch weld with the included (6) 6mm x 25mm Hex Bolts, (12) 6mm Flat Washers and (6) 6mm Nylon Lock Nuts, (Fig 5 & 6). Leave hardware loose at this time.

(Tip: If any of the tab holes does not line up, just use a small jack to make a nudge with some protection between the bar and the jack.)

STEP 4

Bolt each top tab on the TYGER Armor to the vehicle:

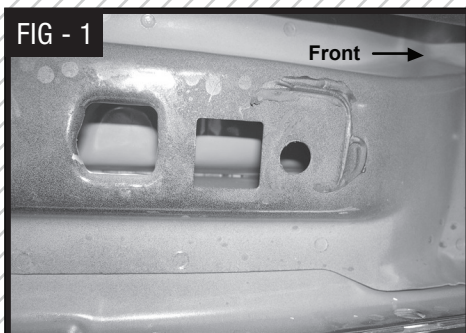
- Models with "open floor" requiring 10mm Nut Plate, attach each bracket to the Nut Plate with (1) 10mm x 35mm Hex Bolt, (1) 10mm Lock Washer and (1) 10mm Flat Washer, (**Fig 4B, 6 & 7**). Repeat for any/all mounting locations.
- Models with 8mm threaded factory holes, attach each bracket with (1) 8mm x 35mm Hex Bolt, (1) 8mm Lock Washer and (1) 8mm Flat Washer, (**Fig 2, 6 & 7**). Repeat for any/all locations.

STEP 5

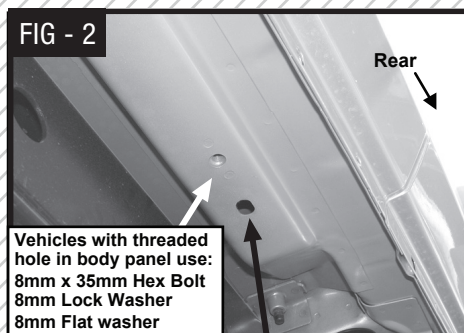
Level and adjust the TYGER Armor and tighten all hardware. Repeat **Steps 1-5** for Driver TYGER Armor installation.

STEP 6

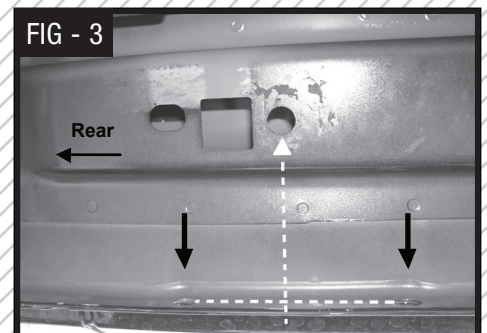
Do periodic inspections to the installation to make sure that all hardware is secure and tight.



2007-2010 driver side front mounting location



Example of 2011-2017 "closed" floor panel with 8mm threaded hole-10mm Nut Plate not required



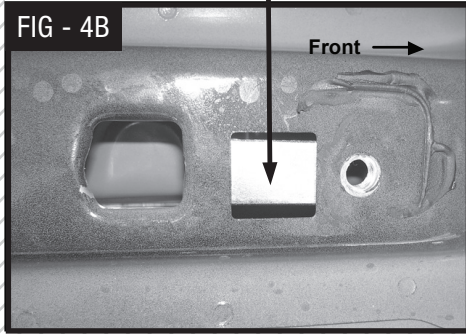
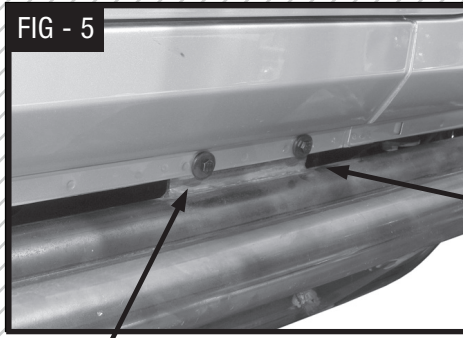
2007-2010 driver side rear mounting location pictured from below. Locate the holes in the pinch weld first to determine correct mounting hole for 10mm Nut Plate

FIG - 4A

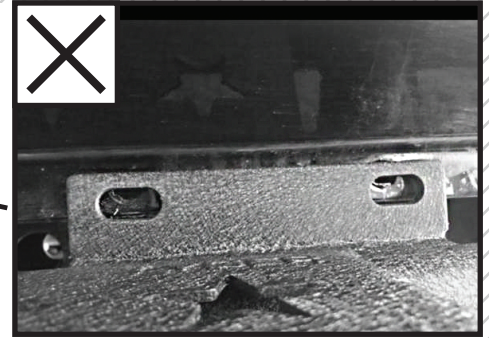

10mm Nut Plate

FIG - 4B

Front →


FIG - 5


- (2) 6mm x 25mm Hex Bolts
- (4) 6mm Flat Washers
- (2) 6mm Nylon Lock Nuts

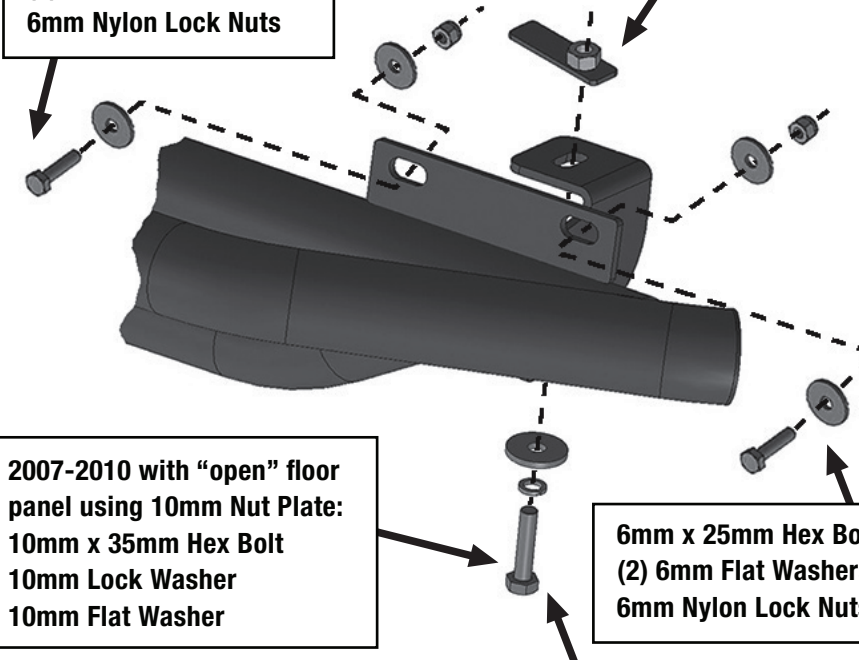


⚠ Caution: Star Armor is installed to the back/interior side of the pinch weld.

FIG - 6 Passenger side front installation illustrated

6mm x 25mm Hex Bolts
(2) 6mm Flat Washers
6mm Nylon Lock Nuts

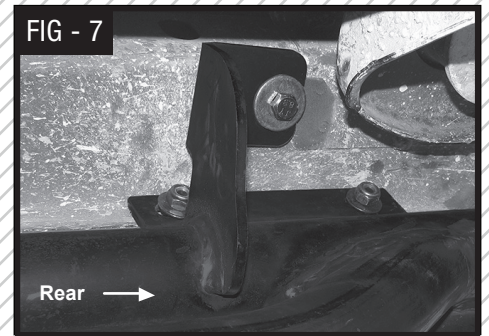
2007-2010 with "open"
floor panel use 10mm
Nut Plate



2007-2010 with "open" floor
panel using 10mm Nut Plate:
10mm x 35mm Hex Bolt
10mm Lock Washer
10mm Flat Washer

6mm x 25mm Hex Bolts
(2) 6mm Flat Washers
6mm Nylon Lock Nuts

2011-2017 vehicles with threaded
hole in floor panel use:
8mm x 35mm Hex Bolt
8mm Lock Washer
8mm Flat Washer

FIG - 7


Passenger rear installation pictured



Complete Installation