

iArmor® Series

INSTALLATION INSTRUCTIONS

PART#: IA-N277H

BEFORE INSTALLATION

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. ASSISTANCE IS RECOMMENDED. THANK YOU FOR CHOOSING OUR PRODUCT!

These instructions are provided for reference only. We strongly recommend installation by a professional installer for the best results. We are not responsible for any damage caused during installation.

***ROCKER PANEL MOUNT**

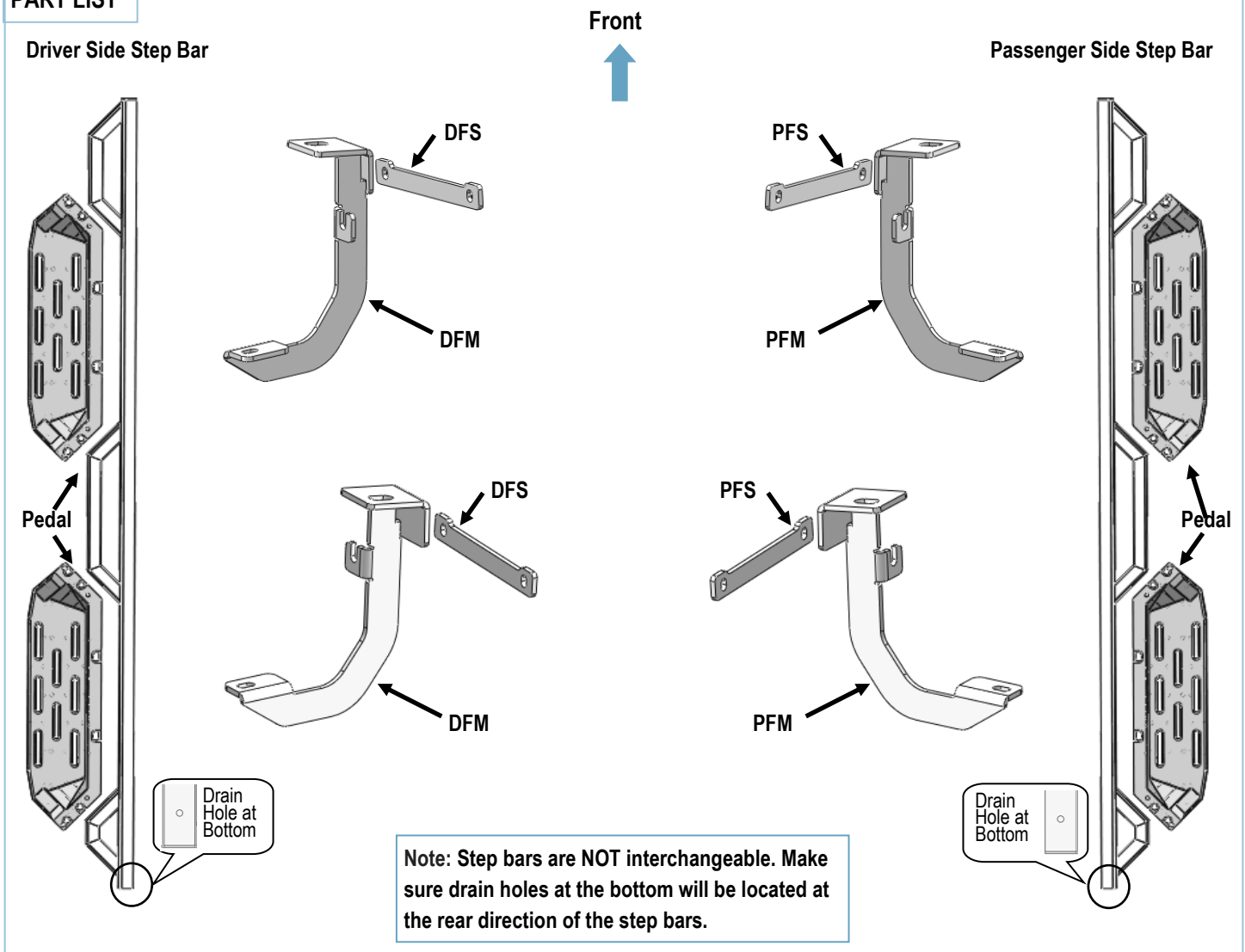
***DRILLING NOT REQUIRED**

Torque Value

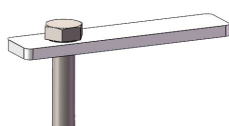
Fastener Size	Tightening Torque (ft-lbs)	Required
6mm	6-7	√
8mm	16-18	√
10mm	31-32	√
12mm	56-58	X
14mm	92-94	X

Mounting Bracket List							
Item	QTY	Bracket Label	Description	Item	QTY	Bracket Label	Description
1#	1	DFM	Mounting Bracket for Driver Front	5#	1	PFM	Mounting Bracket for Passenger Front
2#	1	DRM	Mounting Bracket for Driver Rear	6#	1	PRM	Mounting Bracket for Passenger Rear
3#	1	DFS	Support Bracket for Driver Front	7#	1	PFS	Support Bracket for Passenger Front
4#	1	DRS	Support Bracket for Driver Rear	8#	1	PRS	Support Bracket for Passenger Rear

PART LIST



Hardware Package A (For Brackets & Bars Installation)					
Item	QTY	Description	Item	QTY	Description
A1	4	M10 Bolt Plates	A7	8	M6X1 Nylon Lock Nuts
A2	4	M10 Plastic Washers	A8	4	M8X1.25-20 Square Head Bolts
A3	4	M10 Large Flat Washers	A9	8	M8 Large Flat Washers
A4	4	M10X1.5 Hex Flange Nuts	A10	8	M8X1.25 Nylon Lock Nuts
A5	8	M6X1-30 Hex Bolts	A11	4	M8X1.25-20 T-Bolts
A6	16	M6 X-Large Flat Washers	A12	4	M8 Plastic Washers



A1



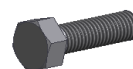
A2



A3



A4



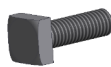
A5



A6



A7



A8



A9



A10

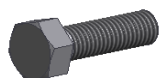


A11



A12

Hardware Package B (For Step Pedals Installation)					
Item	QTY	Description	Item	QTY	Description
B1	24	M8X1.25-30 Hex Bolts	B3	24	M8 Lock Washers
B2	16	M8 Large Flat Washers	B4	8	Spacers



B1



B2



B3



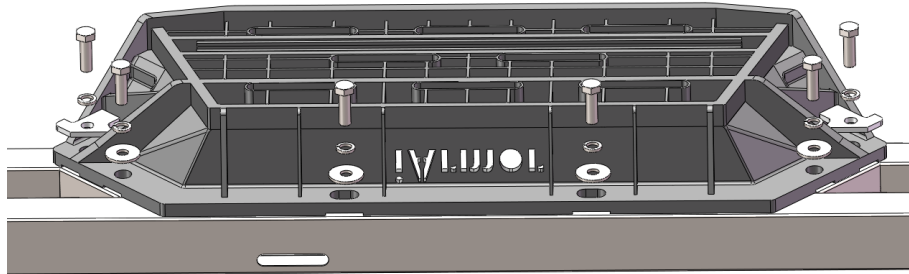
B4

STEP 1: Step Bars Assembly

Assemble (4) Pedals onto the (2) step bars (Two pedals for one step bar) by using:

- (24) B1 (M8X1.25-30mm Hex Bolts),
- (16) B2 (M8 Large Flat Washers)
- (24) B3 (M8 Lock Washers)
- (8) B4 (Spacers)

IMPORTANT: Never use metal hammers on the pedal during installation - this will cause damage!

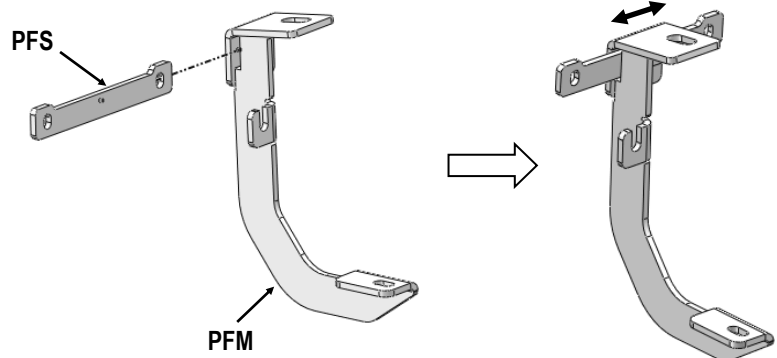


Spacer Installed



STEP 2: Assemble Passenger Front Mounting Bracket Support

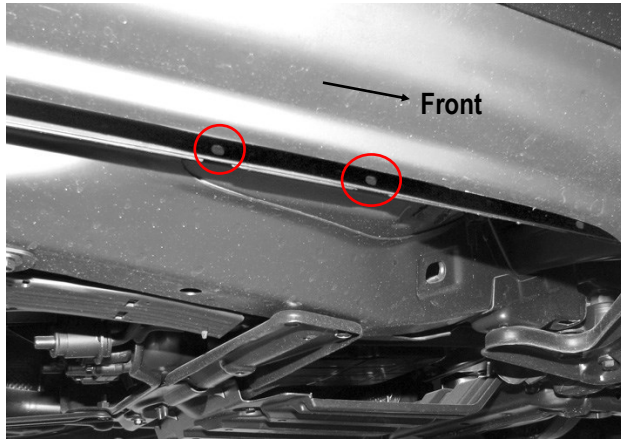
- Assemble the Passenger Front Mountings Bracket (**PFM**) and Passenger Front Support Bracket (**PFS**) together:
- Slide **PFS** into the rectangle hole on **PFM** (Fig. 1).



(Fig. 1) Passenger Front Mounting Bracket Support Assembly

STEP 3: Locate Passenger Side Mounting Positions

- Locate (2) small holes on the pinch weld at the passenger side front of the vehicle, (Fig. 2).
- Remove the rubber plugs filling the oval hole on the bottom of the rocker panel directly in front of the (2) holes, (Fig. 3).



(Fig. 2) Passenger Side Front Mounting Location on Pinch Weld



(Fig. 3) Passenger Side Front Mounting Location on Rocker Panel

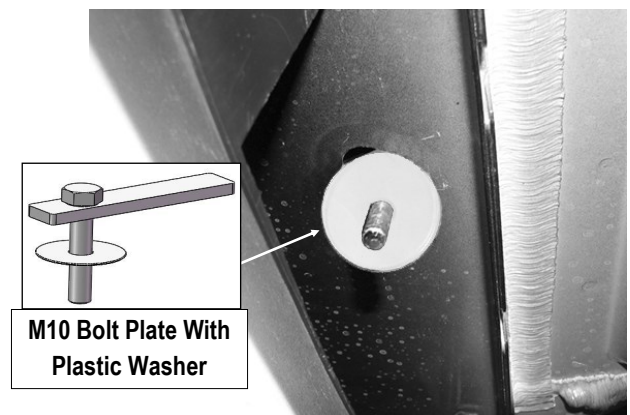
STEP 4: Install M10 Bolt Plate to the Mounting Holes

- Select (1) A1 (M10 Bolt Plate) and (1) A2 (M10 Plastic Washer).
- Insert Bolt Plate then rotate 90-degrees or until it stopped for proper installation. (Fig. 4).
- Thread the A2 (M10 Plastic Washer) onto the A1 (Bolt Plate), thread down until it is tight against the body panel, (Fig. 5).

NOTE: The Plastic washer is designed to hold the M10 Bolt Plate in position during Bracket installation.



(Fig. 4) Insert The A1 (M10 Bolt Plate)



(Fig. 5) Thread The Plastic Washer On The Bolt Plate

STEP 5: Install Passenger Front Mounting Bracket

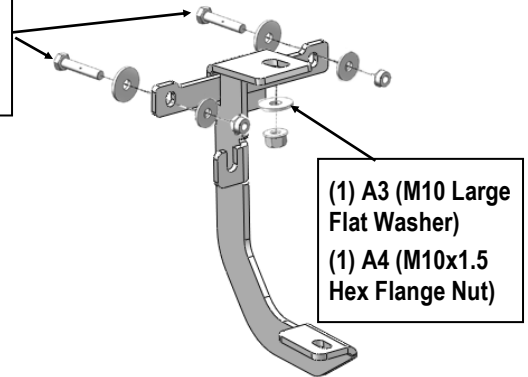
(1) Attach (1) Passenger Front Mounting Bracket (**PFM**) to the installed A1 (M10 Bolt Plate) (**Figs 6 & 7**), with:

- (1) A3 (M10 Large Flat Washer)
- (1) A4 (M10X1.5 Hex Flange Nut)

(2) bolt the Bracket to the pinch weld with:

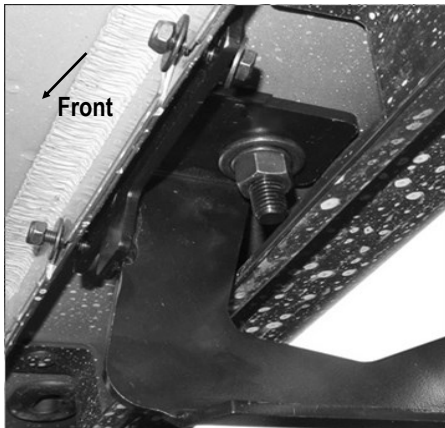
- (2) A5 (M6X1-30 Hex Bolts)
- (4) A6 (M6 X-Large Flat Washers)
- (2) A7 (M6X1 Nylon Lock Nuts)

(2) A5 (M6x1-30mm Hex Bolts)
(4) A6 (M6 X-Large Flat Washers)
(2) A7 (M6x1 Nylon Lock Nuts)



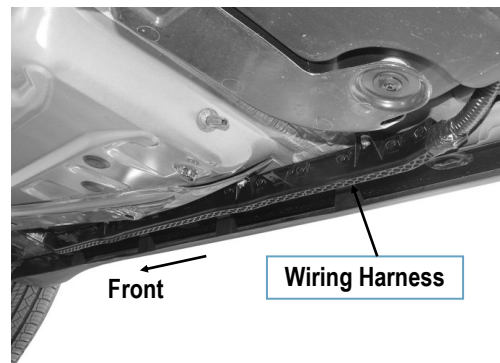
IMPORTANT: The passenger side of the vehicle may have a wiring harness attached behind the pinch weld, (Fig 8). Remove the hex nuts and drop the harness down before installing the Brackets. Install M6 Hex Bolts from the inside, then through the Bracket to clear the harness.

NOTE: Do not fully tighten hardware at this time.



(Fig. 7) Passenger Front Mounting Bracket Installed

(Fig. 6) Passenger Front Mounting Bracket Installation



(Fig. 8) Passenger Side Wiring Harness

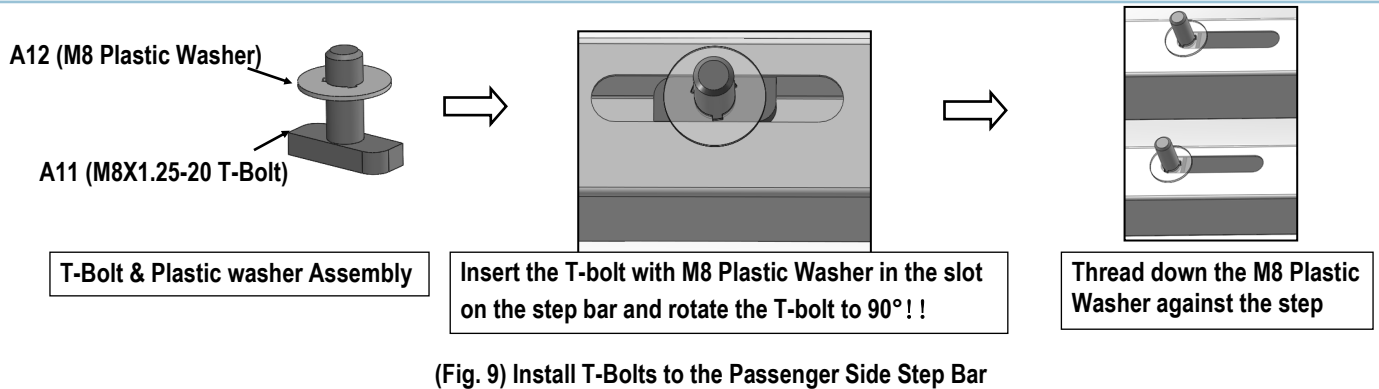
STEP 6: Install Passenger Rear Mounting Bracket

Repeat **Steps 1-4** for Passenger Rear Mounting Bracket installation.

Note: Do not fully tighten hardware at this time.

STEP 7: Install T-Bolts to the Passenger Step Bar

- Assemble (2) A11 (M8X1.25-20 T-Bolts) and (2) A12 (M8 Plastic Washers).
- Install the (2) A11 (M8X1.25-20 T-Bolts) with plastic washers in the slots on the assembled passenger side step bar.
- Rotate the T-Bolts to 90 degree, thread down the M8 Plastic Washers against the step bar.



STEP 8: Passenger Side Step Bar Installation

(1) Attach the Assembled Passenger Side Step Bar onto the Installed Mounting Brackets (**Fig. 10**):

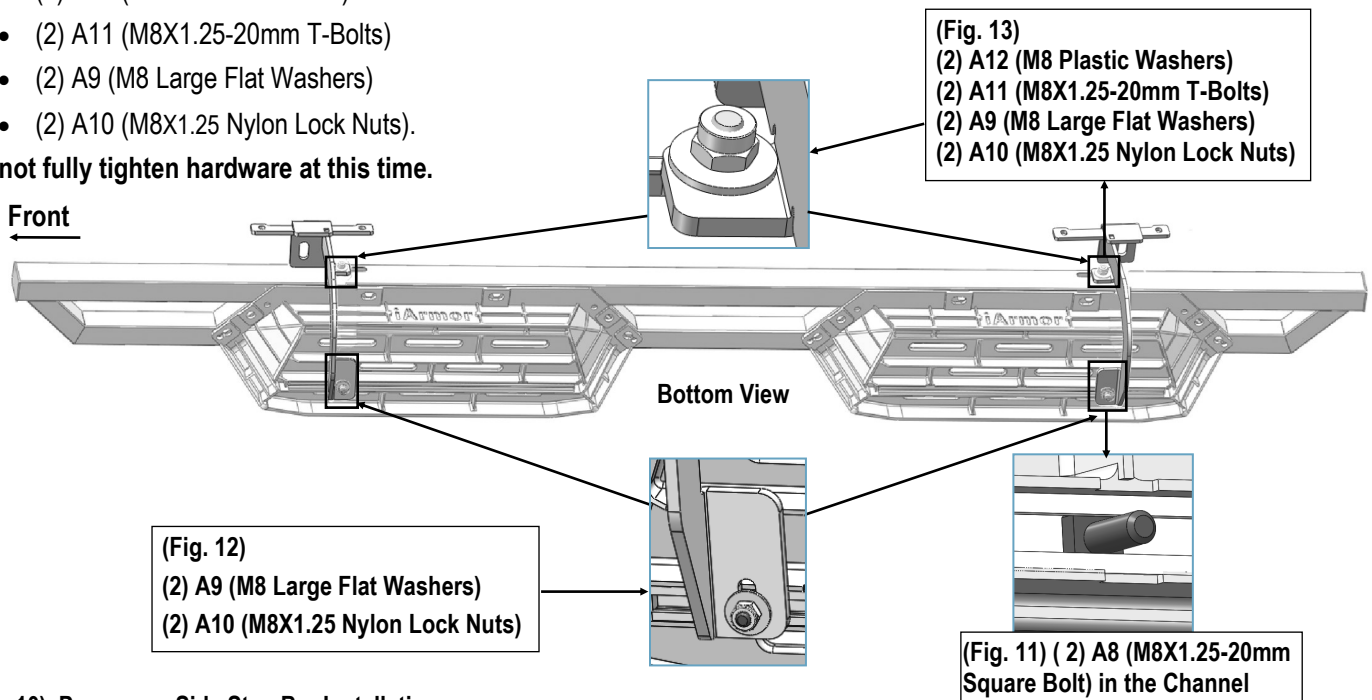
The Front & Rear Mounting Brackets are located under pedals. Slide (1) A8 (M8X1.25-20 Square Head Bolt) into the channel at the bottom of each pedal (**Fig. 11**). Secure the Front & Rear Mounting Brackets to pedals (**Fig. 12**) with:

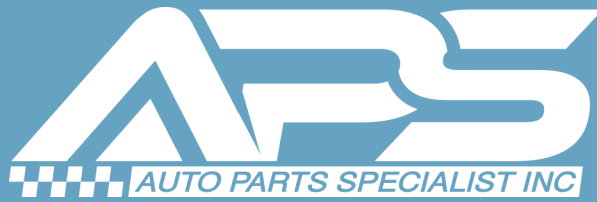
- (2) A8 (M8X1.25-20 Square Head Bolts)
- (2) A9 (M8 Large Flat Washers)
- (2) A10 (M8X1.25 Nylon Lock Nuts)

(2) Secure the Mounting Brackets to the slot on back side of the step bar (**Fig. 13**) with:

- (2) A12 (M8 Plastic Washers)
- (2) A11 (M8X1.25-20mm T-Bolts)
- (2) A9 (M8 Large Flat Washers)
- (2) A10 (M8X1.25 Nylon Lock Nuts).

Do not fully tighten hardware at this time.





STEP 9: Passenger Side Step Bar Adjustment

- Level and adjust the assembled Step Bar properly.
- Tighten all 6mm hardware with 6-7 ft-lbs torque, 8mm hardware with 16-18 ft-lbs torque and 10mm hardware with 31-32 ft-lbs

STEP 10: The Other Side Step Bar Installation

Move to the other side of the vehicle. Repeat **Steps 2-9** for the other side step bar installation.

Attention

Do periodic inspections to the installation to make sure that all hardware is secure and tight.
In order to protect your bars/boards, please use mild soap/non-abrasive products for cleaning only.