

iArmor® Series

INSTALLATION INSTRUCTIONS

PART#: IA-V178

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**

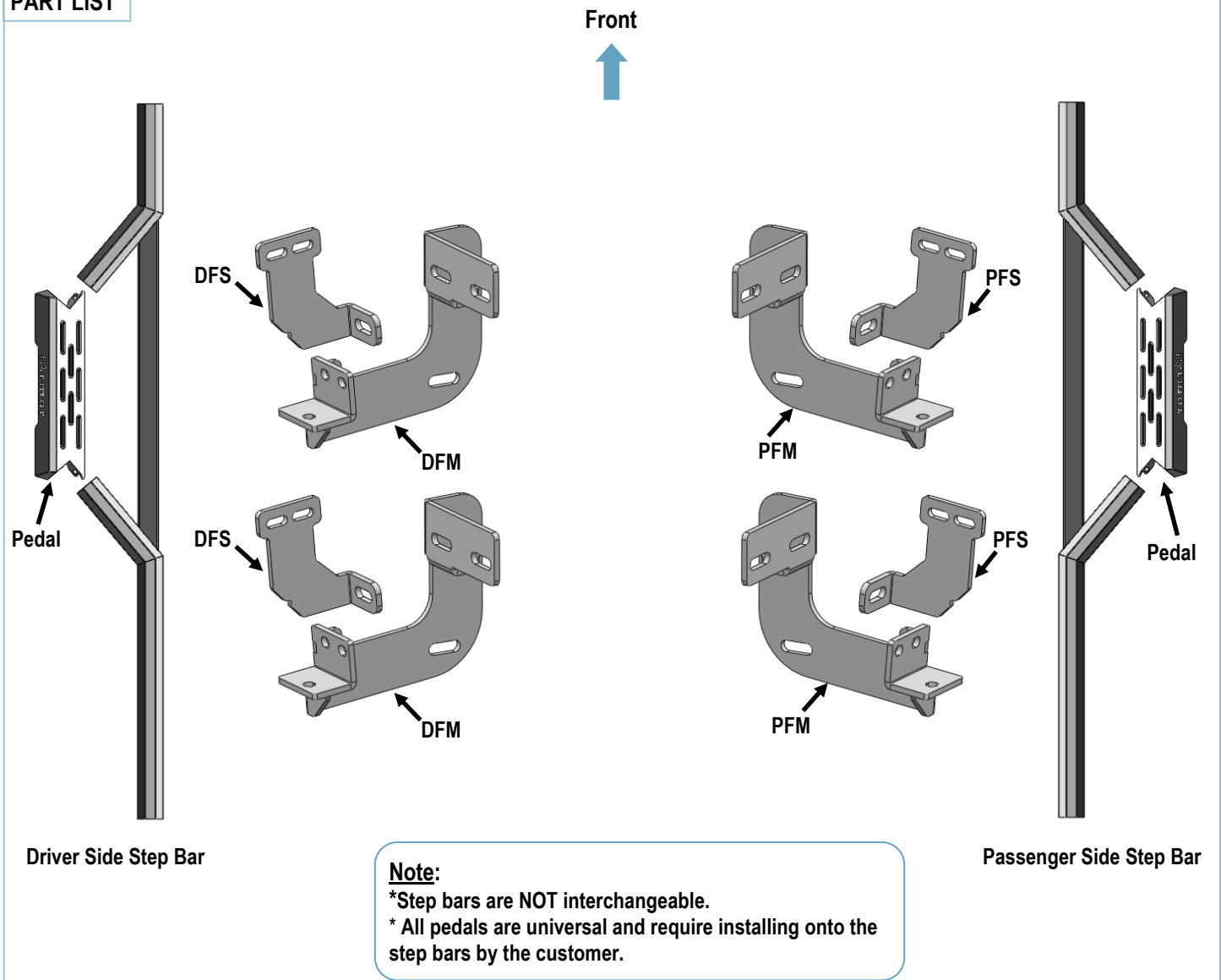
***DRILLING MAYBE REQUIRED**

Recommended Torque Values

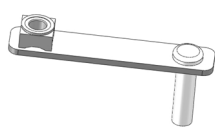
Fastener Size	Tightening Torque (ft-lbs)	Torque Wrench Required (Yes/No)
6mm	6-7	Yes
8mm	16-18	Yes
10mm	31-32	Yes
12mm	56-58	No
14mm	92-94	No

Mounting Bracket List			
Item	QTY	Bracket Label	Description
1#	2	DFM	Mounting Brackets for Driver Side
2#	2	PFM	Mounting Brackets for Passenger Side
3#	2	DFS	Support Brackets for Driver Side
4#	2	PFS	Support Brackets for Passenger Side

PART LIST



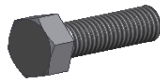
Hardware Package A (For Brackets & Bars Installation)					
Item	QTY	Description	Item	QTY	Description
A1	4	M8 Bolt/Nut Plates	A7	4	M8X1.25 Nylon Lock Nuts
A2	4	M8 Plastic Washers	A8	8	M6X1-25 Hex Bolts
A3	12	M8X1.25-30 Hex Bolts	A9	16	M6 X-Large Flat Washers
A4	16	M8 Large Flat Washers	A10	8	M6X1 Nylon Lock Nuts
A5	20	M8 Lock Washers	A11	12	M8X1.25-25 Hex Bolts
A6	4	M8X1.25 Hex Nuts	A12	12	M8 Flat Washers



A1



A2



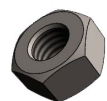
A3



A4



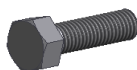
A5



A6



A7



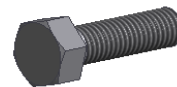
A8



A9



A10

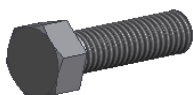


A11



A12

Hardware Package B (For Step Pedals Installation)					
Item	QTY	Description	Item	QTY	Description
B1	4	M10X30 Hex Bolts	B4	4	M8X1.25-30 Hex Bolts
B2	4	M10 Large Flat Washers	B5	4	M8 Flat Washers
B3	4	M10 Lock Washers	B6	4	M8 Lock Washers



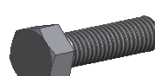
B1



B2



B3



B4



B5



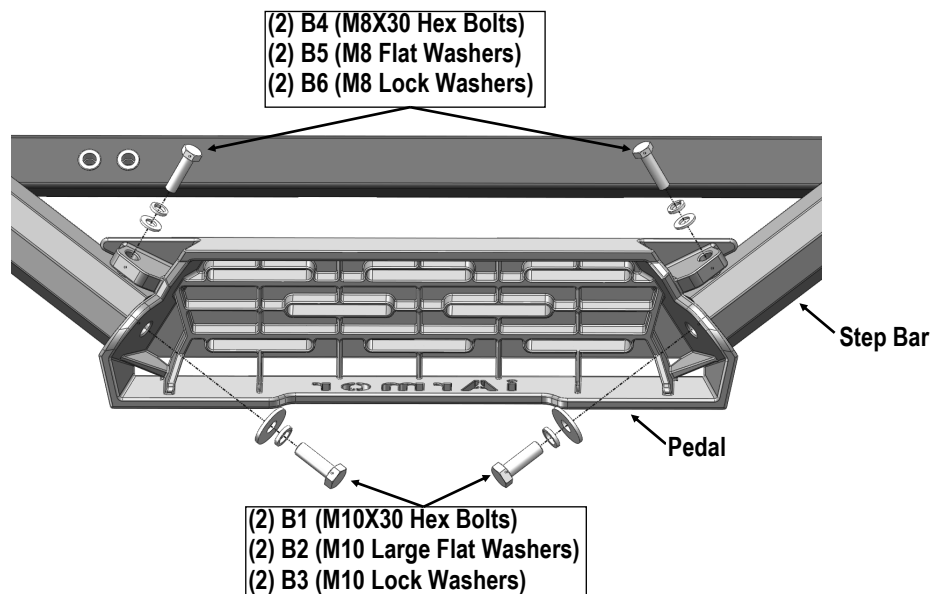
B6

STEP 1: Step Bars Assembly

Assemble (2) Pedals onto the (2) step bars (one pedal for one step bar) by using:

- (4) B1 (M10X30mm Hex Bolts)
- (4) B2 (M10 Large Flat Washers)
- (4) B3 (M10 Lock Washers)
- (4) B4 (M8X30mm Hex Bolts)
- (4) B5 (M8 Flat Washers)
- (4) B6 (M8 Lock Washers)

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

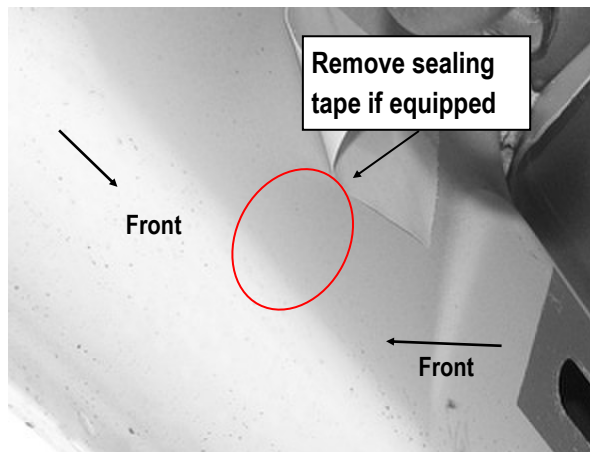


STEP 2: Locate Driver Side Mounting Locations

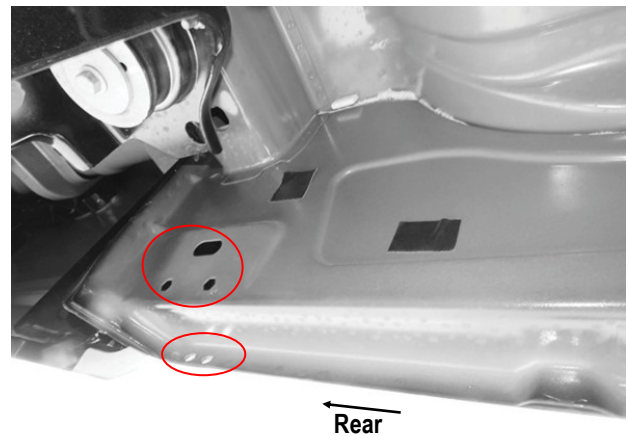
Start installing from the driver side front mounting location of the vehicle (**Fig. 1**).

Remove the sealing tapes covering the oval hole and the hex holes on the body panel, if equipped (**Fig.1**).

Note: All (2) Driver Front Mounting Brackets (DFM+DFS) for Driver Side are universal.



(Fig. 1) Driver Side Front Mounting Location
(No factory holes on pinch weld on some models)



(Fig. 2) Driver Side Rear Mounting Location

STEP 3: Driver Front Mounting Bracket (DFM) Installation

Determine the correct procedure to attach (1) Driver Front Mounting Bracket (DFM) for your model/year:

Models without factory threaded inserts on body panel:

- a. Partially thread (1) A3 (M8X1.25-30 Hex Bolt) into the weld-nut on (1) A1 (M8 Bolt/Nut Plate) (Fig. 3). Thread the hex bolt in until it is flush with the welded nut (Fig. 4). Use the hex bolt as a handle and insert the Bolt/Nut Plate into the oval hole, feed the threaded bolt on the plate through one of the hex holes (Fig. 5). Thread (1) A2 (M8 Plastic Washer) onto the threaded end and down tight against the body panel (Fig. 6).

NOTE: The Plastic Washer is designed to keep the Bolt Plate from falling into the body panel within bracket installation.

- b. Attach (1) Driver Side Mounting Bracket (DFM) to the threaded end of the installed A1 (M8 Bolt/Nut Plate) (Fig. 7) with
 - (1) A4 (M8 Large Flat Washer)
 - (1) A5 (M8 Lock Washer)
 - (1) A6 (M8X1.25 Hex Nut)
- c. Remove the A3 (M8X1.25-30 Hex Bolt) from the welded nut on the A1 (Bolt/Nut Plate). Rotate the Bolt/Nut Plate until the welded nut lines up with the other hole on the Mounting Bracket.
- d. Secure the Driver Side Mounting Bracket (DFM) to the welded nut on the M8 Bolt/Nut Plate with
 - (1) A3 (M8x1.25-30 Hex Bolt)
 - (1) A4 (M8 Large Flat Washer)
 - (1) A5 (M8 Lock Washer)

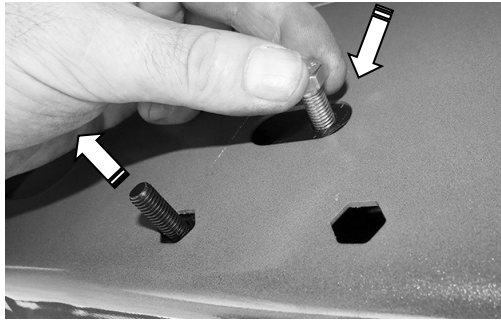
Do not fully tighten hardware at this time.



(Fig. 3) M8 Bolt/Nut Plate (**NOTE:** M8 Bolt Plate is not required on models with threaded inserts)

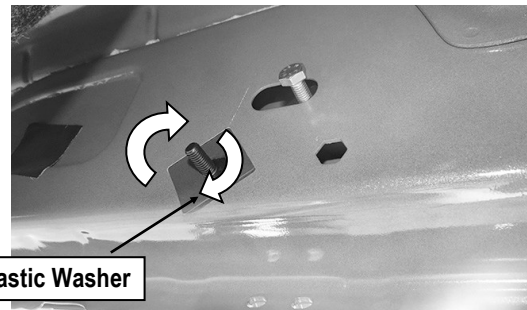


(Fig. 4) Thread M8X1.25-30 Hex Bolt into the welded nut on the plate



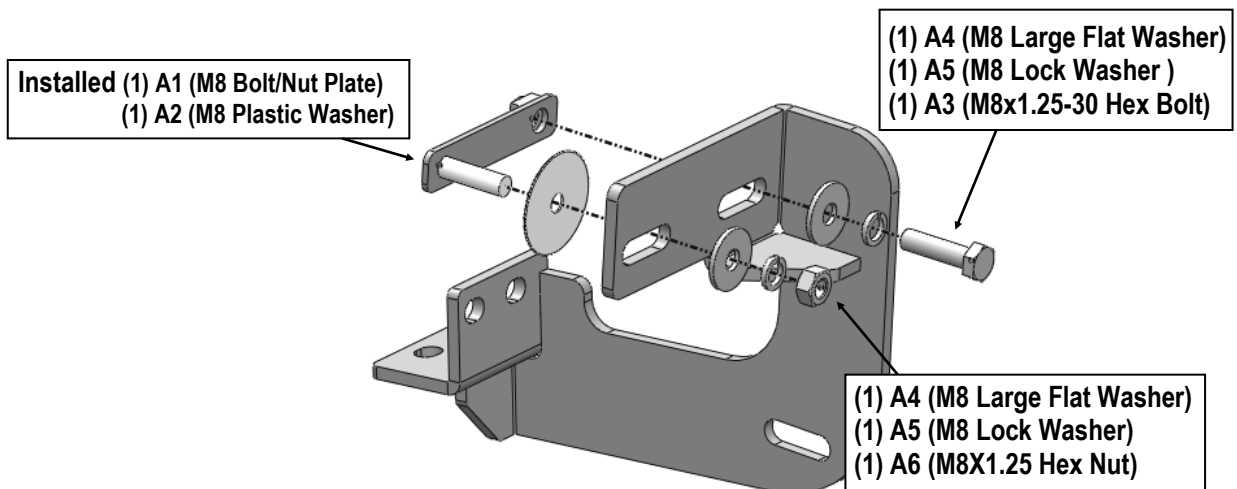
(Fig. 5) Use the Hex Bolt as a handle. Insert the Bolt/Nut Plate into the oval hole and feed the threaded end out either factory hex hole.

IMPORTANT: Do not remove the Hex Bolt until the Plastic Washer is threaded onto the welded bolt (Fig. 5).



M8 Plastic Washer

(Fig. 6) Thread Plastic Washer onto Bolt Plate to hold Bolt Plate in position



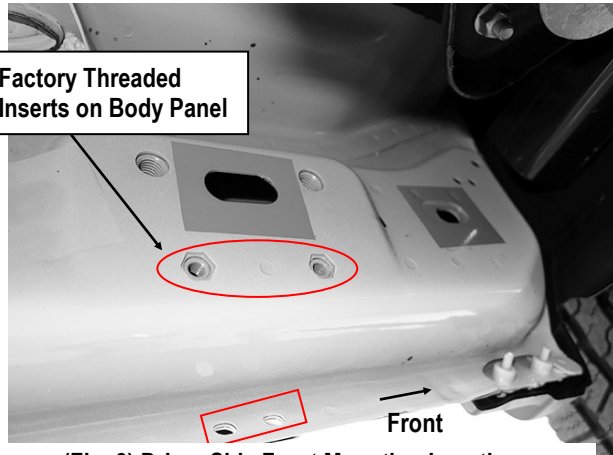
(Fig. 7) Driver Front Mounting Bracket installation
(For models without factory threaded inserts on body panel)

Models with factory threaded inserts on body panel (Fig. 8):

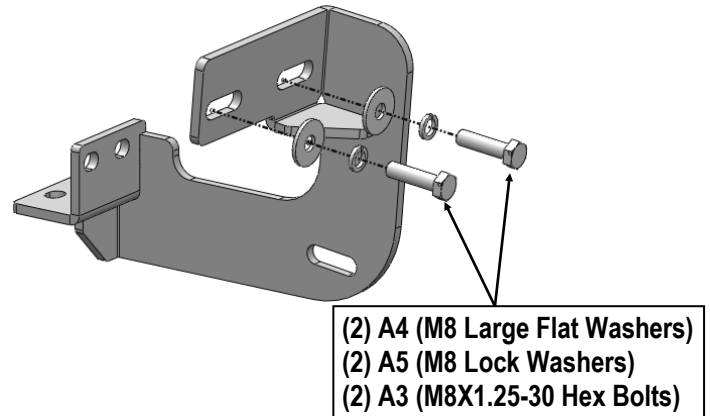
Attach (1) Driver Side Mounting Bracket to the threaded inserts on driver side front mounting location (**Fig. 9**) with

- (2) A4 (M8 Large Flat Washers)
- (2) A5 (M8 Lock Washers)
- (2) A3 (M8X1.25-30 Hex Bolts)

Do not fully tighten hardware at this time.



(Fig. 8) Driver Side Front Mounting Location
(Example for models with factory threaded inserts)



(Fig. 9) Driver Front Mounting Bracket installation
(For models with factory threaded inserts on body panel)

STEP 4: Driver Front Support Bracket (DFS) Installation

1. Attach (1) Driver Side Support Bracket (DFS) to the installed Driver Side Mounting Bracket (**Fig. 10**) with

- (1) A3 (M8x1.25-30 Hex Bolt)
- (2) A4 (M8 Large Flat Washers)
- (1) A7 (M8x1.25 Nylon Lock Nut)

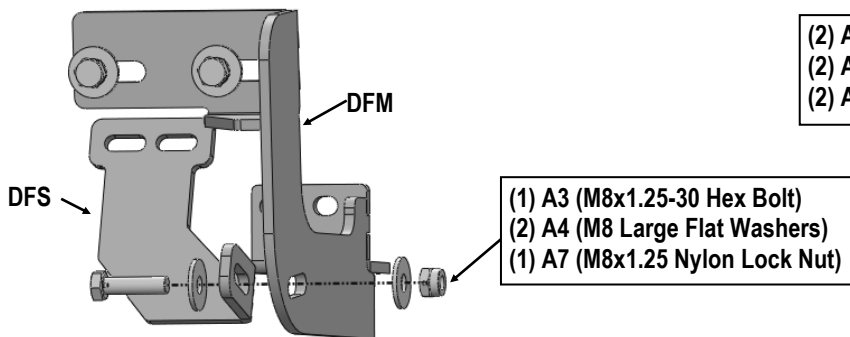
2. Rotate and attach the support bracket to the back of the pinch weld. Line up the slots on the top of the Support Bracket with the (2) factory holes on the pinch weld.

3. Secure the Bracket to the back of the pinch weld (**Fig.11**) with

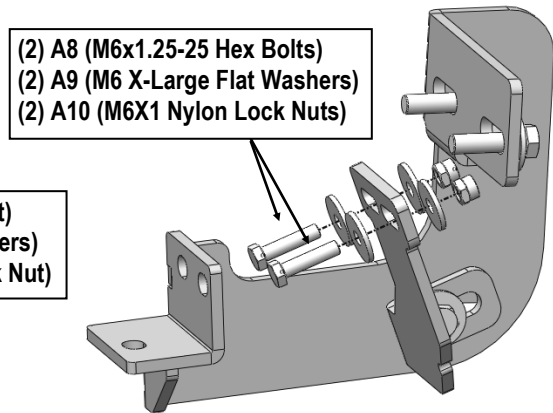
- (2) A8 (M6x1.25-25 Hex Bolts)
- (2) A9 (M6 X-Large Flat Washers)
- (2) A10 (M6X1 Nylon Lock Nuts)

Do not fully tighten hardware at this time.

IMPORTANT: Some trims are without factory holes on pinch weld and will require drilling through the pinch weld to attach the Support Bracket. Do not drill on pinch weld at this moment (Refer to **STEP 7**).



(Fig. 10) Attach the Support Bracket to the Mounting Bracket
(On Driver Side Front Mounting Location)



(Fig. 11) Attach Driver Front Support Bracket to back of pinch weld (Models with factory holes on pinch weld only)

STEP 5: Driver Rear Mounting Brackets Installation

Move to the Driver Side Rear Mounting Location (Fig. 2). Repeat **Steps 2-4** to install the Driver side Rear Mounting Bracket (DFM+DFS) (Fig. 11).

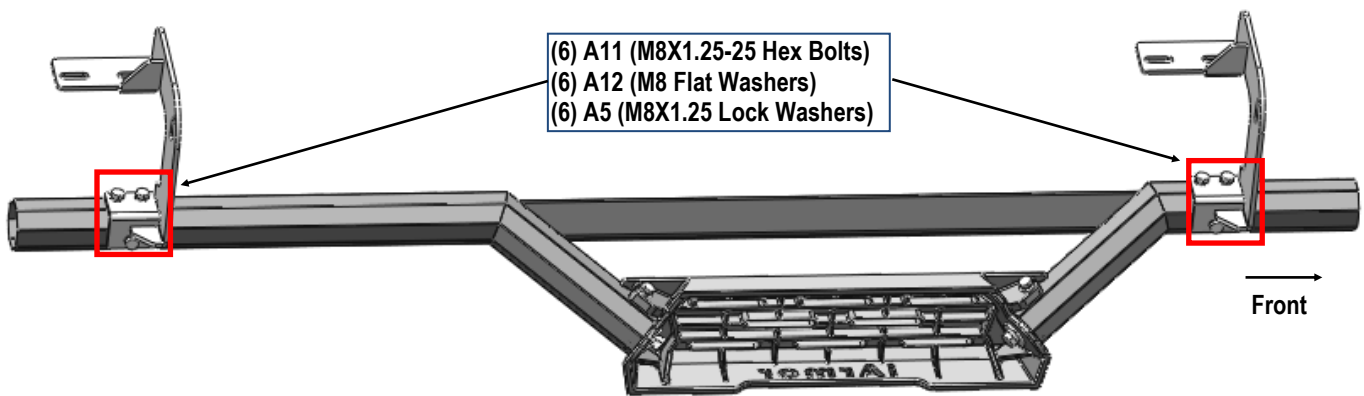
Do not fully tighten hardware at this time.

STEP 6: Driver Side Step Bar Installation

Once all (2) Mounting Brackets have been installed, attach the assembled Driver Side Step Bar to the Mounting Brackets with (Fig. 12):

- (6) A11 (M8X1.25-25 Hex Bolts)
- (6) A12 (M8 Flat Washers)
- (6) A5 (M8 Lock Washers)

Do not fully tighten hardware at this time.



(Fig. 12) Driver Side Step Installation (Back View)

STEP 7: Step Bar Adjustment & Support Bracket Mounting

Properly level and adjust the Step Bar and fully tighten all hardware.

Models require drilling for installing Support Brackets:

- a. Make sure the Step Bar is level to the vehicle. Adjust and tighten all mounting hardware.
- b. 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.
- c. 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 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 (**Fig.11**) with

- (2) A8 (M6x1.25-25 Hex Bolts)
- (2) A9 (M6 X-Large Flat Washers)
- (2) A10 (M6X1 Nylon Lock Nuts)

Check for level then fully tighten all hardware.

STEP 8: Driver Side Step Bar Adjustment

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

STEP 9: The Other Side Step Bar Installation

Move to the other side of the vehicle. Repeat **Steps 2-8** 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.