

iArmor® Series

INSTALLATION INSTRUCTIONS

PART#: IA-V179

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.

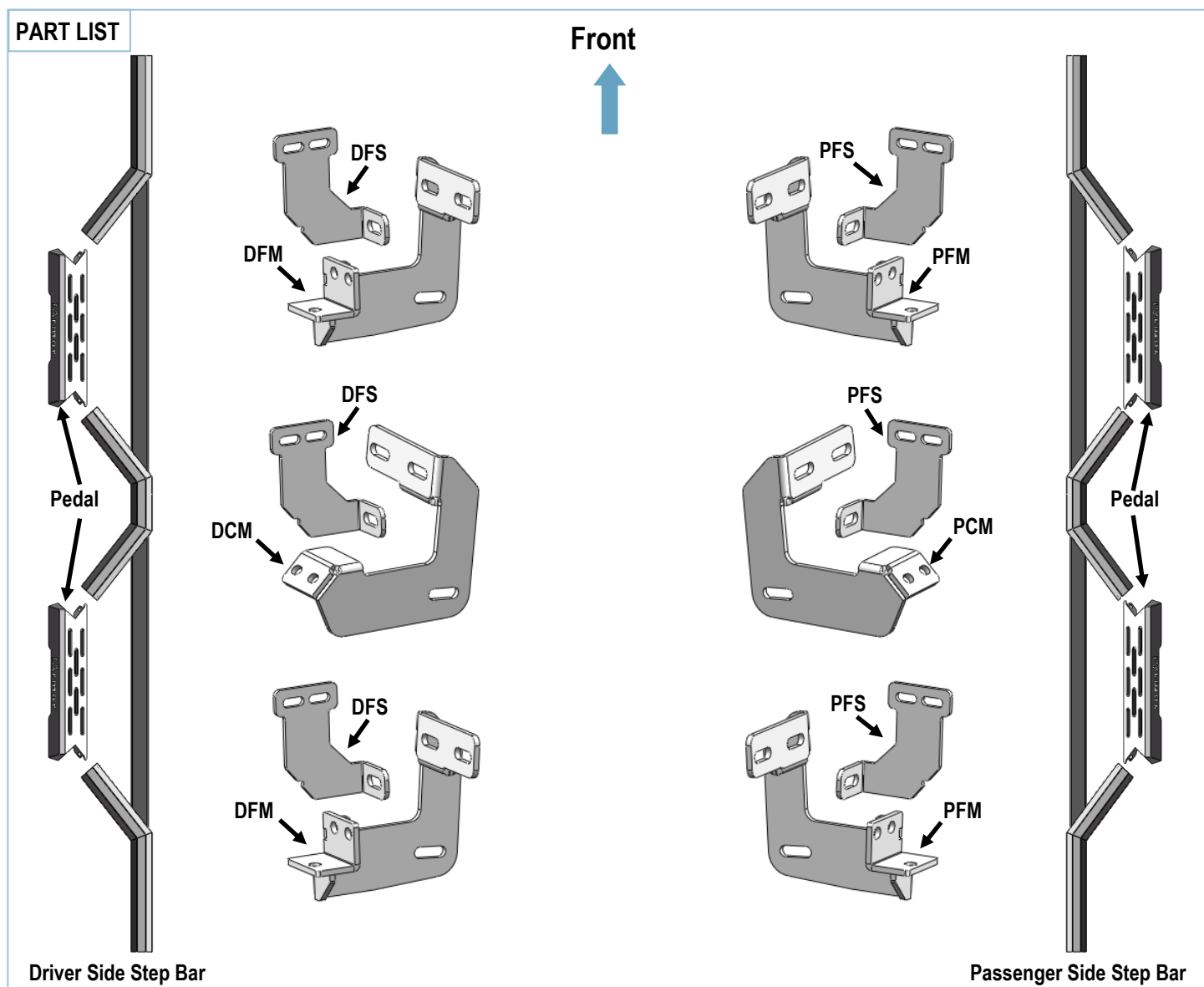
***ROCKER PANEL MOUNT**

***DRILLING IS REQUIRED**

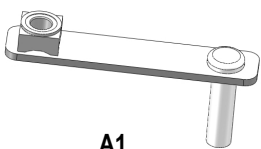
Recommended Torque Values

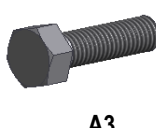
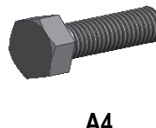
Fastener Size	Tightening Torque (ft-lbs)	Torque Wrench Required (Yes/No)
6mm	6-7	Yes
8mm	16-18	Yes
10mm	31-32	Yes
12mm	56-58	No
14mm	92-94	No

Mounting Bracket List							
Item	QT Y	Bracket Label	Description	Item	QT Y	Bracket Label	Description
1#	2	DFM	Mounting Bracket for Driver Front/ Rear	4#	2	PFM	Mounting Bracket for Passenger Front/ Rear
2#	1	DCM	Mounting Bracket for Driver Center	5#	1	PCM	Mounting Bracket for Passenger Center
3#	3	DFS	Support Bracket for Driver Front/ Center/Rear	6#	3	PFS	Support Bracket for Passenger Front/ Center/Rear

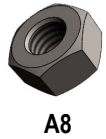


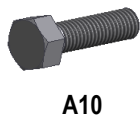
Hardware Package A (For Brackets & Bars Installation)					
Item	QTY	Description	Item	QTY	Description
A1	6	M8 Bolt/Nut Plates	A7	28	M8 Lock Washers
A2	6	M8 Plastic Washers	A8	6	M8 Hex Nuts
A3	18	M8X1.25-30 Hex Bolts	A9	6	M8X1.25 Nylon Lock Nuts
A4	16	M8X1.25-25 Hex Bolts	A10	12	M6X1-25 Hex Bolts
A5	24	M8 Large Flat Washers	A11	24	M6 X-Large Flat Washers
A6	16	M8 Flat Washers	A12	12	M6X1 Nylon Lock Nuts



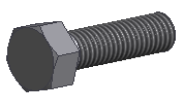


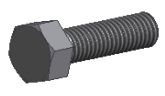







Hardware Package B (For Step Pedals Installation)					
Item	QTY	Description	Item	QTY	Description
B1	8	M10X30 Hex Bolts	B4	8	M8X1.25-30 Hex Bolts
B2	8	M10 Large Flat Washers	B5	8	M8 Flat Washers
B3	8	M10 Lock Washers	B6	8	M8 Lock Washers



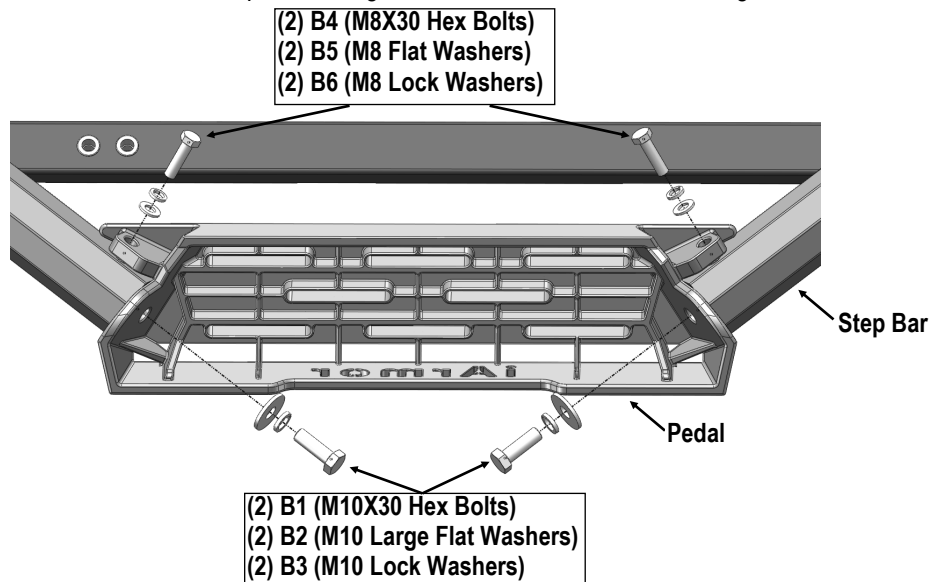


STEP 1: Step Bars Assembly

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

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

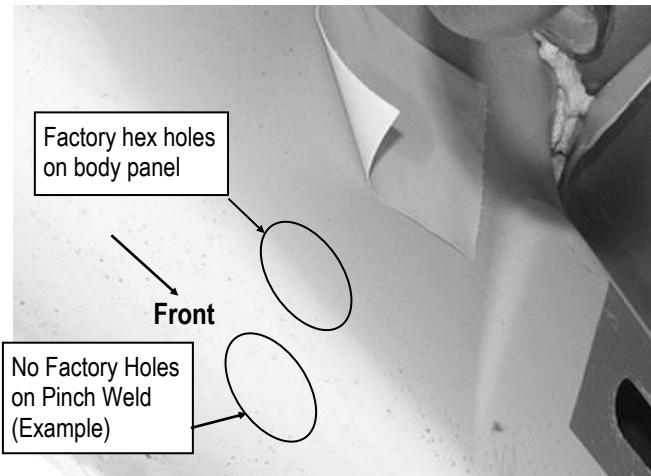
IMPORTANT: Never use metal hammers on the pedal during installation - this will cause damage!



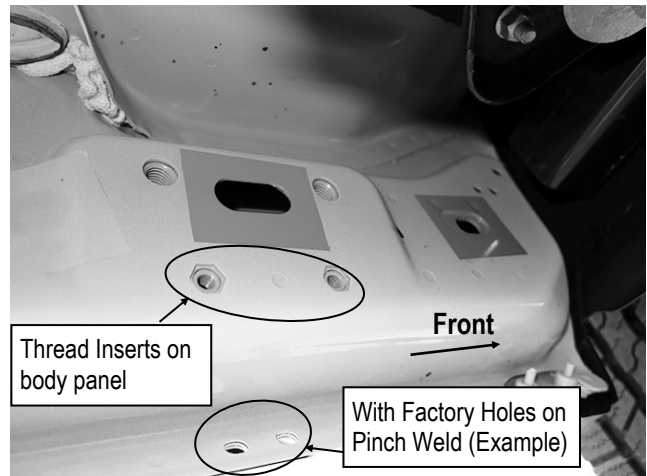
STEP 2: Locate Driver Side Mounting Locations

1. Locate the oval holes along the inner side of the body panel on driver side, (**Figs. 3-7**).
2. Remove the sealing tape covering the factory holes if equipped.
3. Identify the style of the mounting position on your vehicle.
 - **Models without factory threaded inserts in body panel (Figs. 3,5,6)**
 - **Models with factory threaded inserts in body panel (Figs. 4&7)**

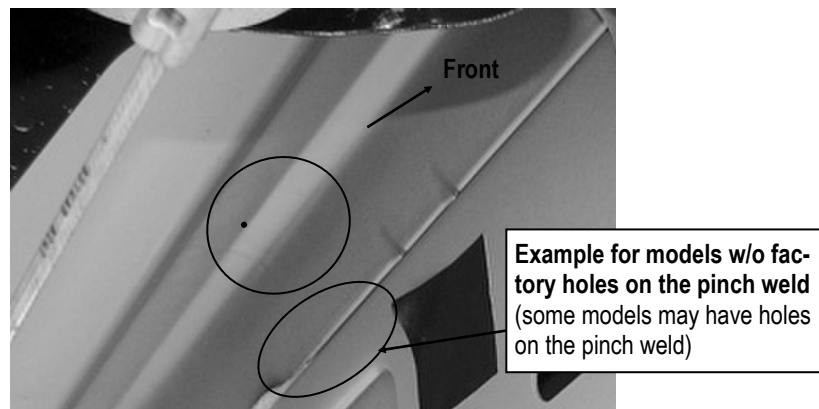
Driver Side Front Mounting Position



(Fig. 3) Without Factory threaded Inserts on body panel

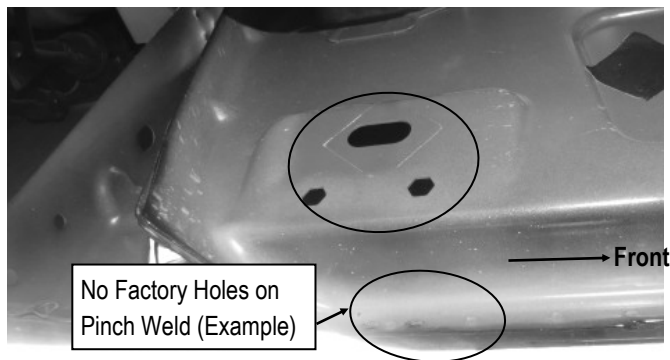


(Fig. 4) With Factory threaded Inserts on body panel

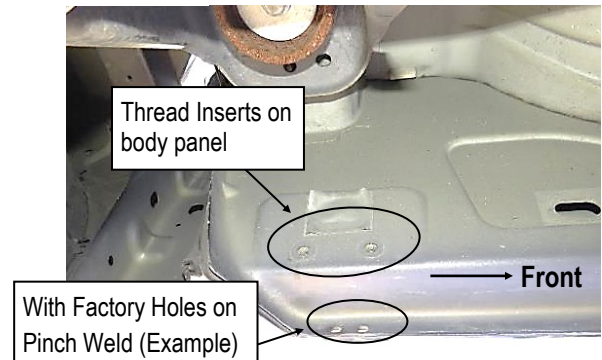


(Fig. 5) Driver Side Center Mounting Position

Driver Side Rear Mounting Position



(Fig. 6) Without Factory threaded Inserts on body panel



(Fig. 7) With Factory threaded Inserts on body panel

STEP 3: Install Driver Side Mounting Bracket

Determine the correct procedure base on the style of the mounting position on the body panel:

1. For Models without factory threaded inserts in body panel (Figs. 3,5,6):

(1) M8 Bolt/Nut Plate installation:

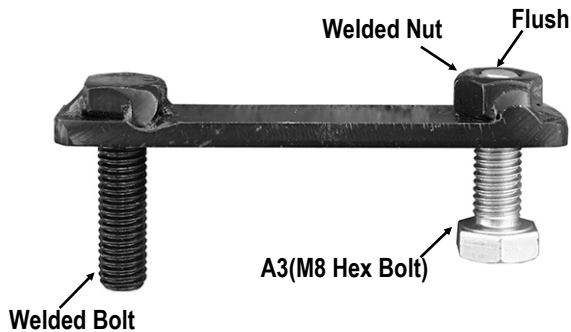
- Thread (1) A3 (M8X1.25-30 Hex Bolt) into the welded nut on A1 (M8 Bolt/Nut Plate) until it is flush with the welded nut, (Fig. 8).
- Use the M8 hex bolt as a handle and insert the M8 Bolt/Nut Plate into the oval hole; Feed the thread end through a factory hex hole, (Fig. 9).
- Thread (1) A2 (M8 Plastic Washer) onto the M8 Bolt/Nut Plate and tighten against the body panel, (Fig. 10). Then remove the A3 (M8 Hex Bolt).

NOTE: The Plastic washer is designed to keep the Bolt/Nut Plate from falling into the body panel and to aid in bracket installation.

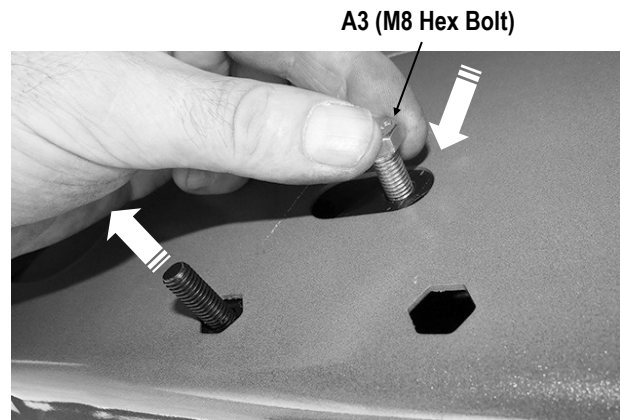
(2) Driver Front Mounting Bracket (DFM) Installation:

Attach (1) Assembled driver side mounting Bracket to the installed A1 (M8 Bolt/Nut Plate) (Fig. 11) by using:

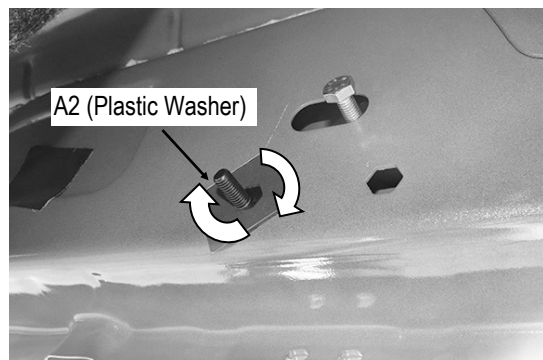
- (2) A5 (M8 Large Flat Washer)
- (2) A7 (M8 Lock Washer)
- (1) A8 (M8 Hex Nut)
- (1) A3 (M8X1.25-30 Hex Bolt)



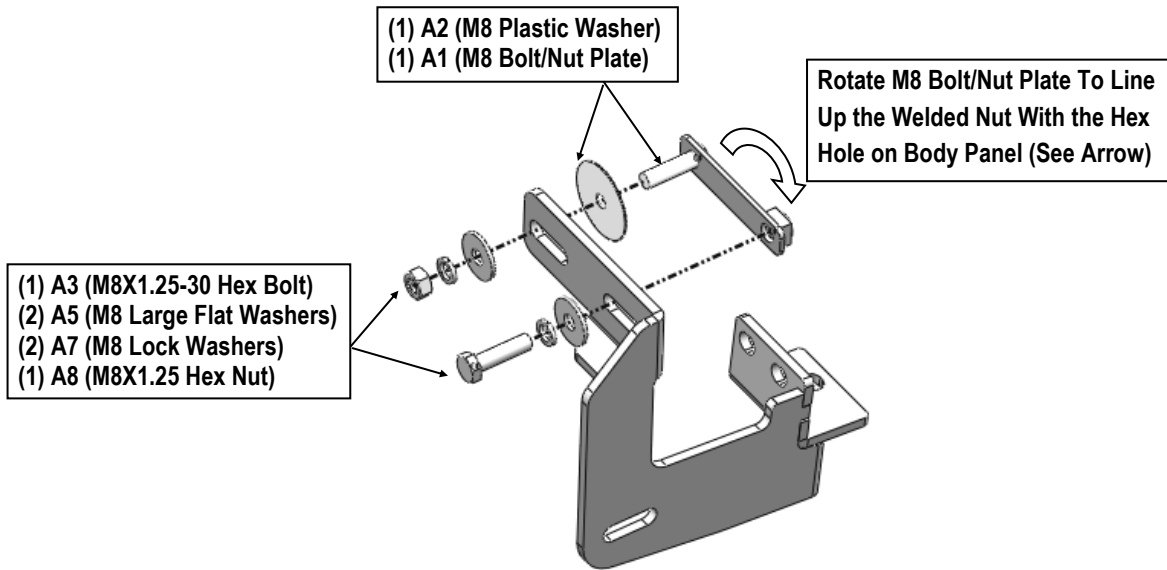
(Fig. 8) M8 Bolt/Nut Plate with M8 Hex Bolt



(Fig. 9) Insert M8 Bolt/Nut Plate to Hex Hole



(Fig. 10) M8 Plastic Washer Installation



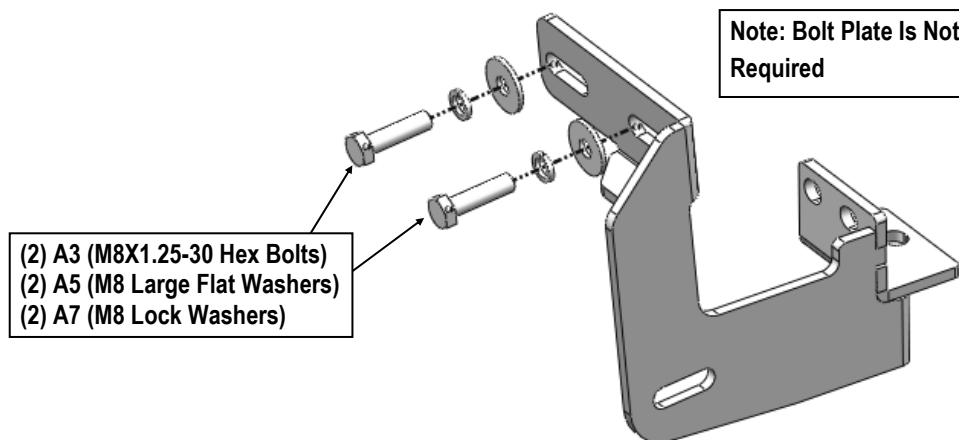
(Fig. 11) The Assembled Driver Front Mounting Bracket Installation
(For Models without factory threaded inserts in body panel)

2. For Models with factory threaded inserts (Fig. 4):

Directly bolt Driver Front Mounting Bracket (DFM) to the factory threaded inserts (Fig. 12) by using :

- (2) A3 (M8X1.25-30mm Hex Bolts)
- (2) A7 (M8 Lock Washers)
- (2) A5 (M8 Large Flat Washers)

Note: Do not fully tighten hardware at this time.

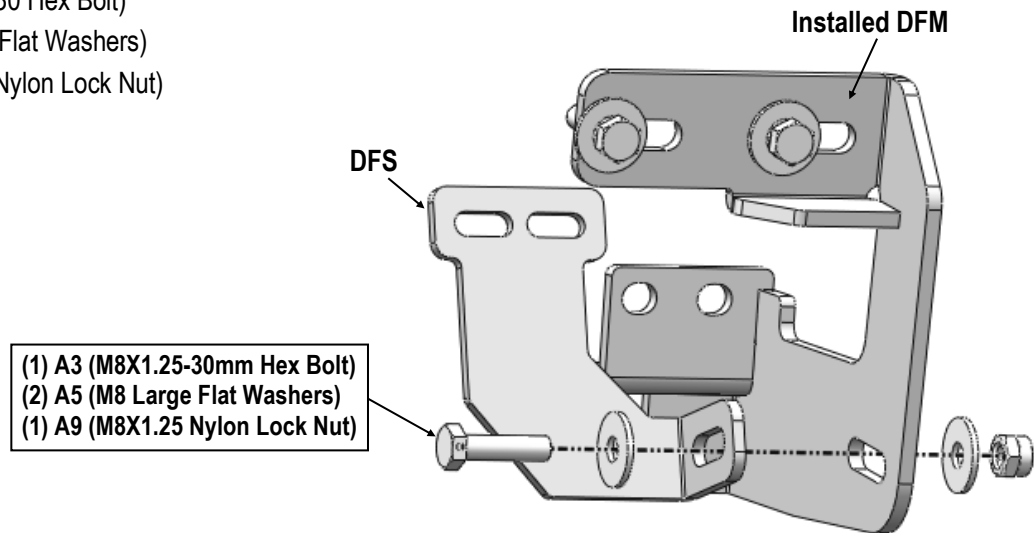


(Fig. 12) Driver Front Mounting Bracket Installation
(For Models With Factory Threaded Inserts)

STEP 4: Install Driver Front Support Bracket

1. Attach (1) Driver Side Support Bracket (**DFS**) to the installed Driver Front Mounting Bracket (**Fig. 13**).with

- (1) A3 (M8X1.25-30 Hex Bolt)
- (2) A5 (M8 Large Flat Washers)
- (1) A9 (M8X1.25 Nylon Lock Nut)



(Fig. 13) Driver Front Support Bracket and Driver Front Mounting Bracket Assembly

2. **Secure the Driver Front Support Bracket to the Pinch Weld:**

(1) Rotate and position the support bracket (**DFS**) against the inner surface of the pinch weld.

(2) **For Models with factory holes on Pinch weld (Fig. 4):**

Align and secure the support bracket to the two factory holes in the pinch weld (**Fig. 14**) using:

- (2) A10 (M6X1-25 Hex Bolts)
- (4) A11 (M6 X-Large Flat Washers)
- (2) A12 (M6X1 Nylon Lock Nuts),

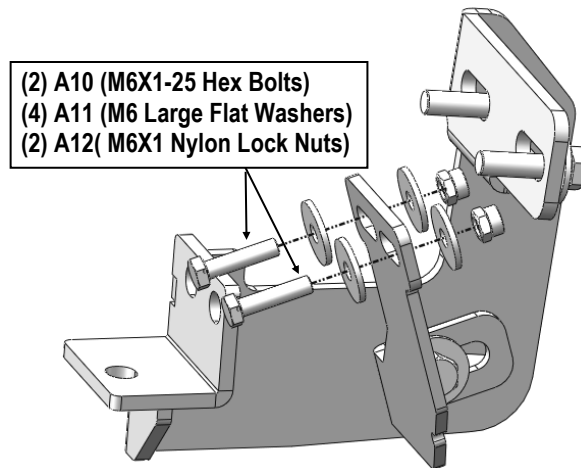
Note: Do not fully tighten hardware at this time.

(3) **For Models without factory holes on Pinch Weld (Figs. 3&6):**

- Position the Driver Front Support Bracket (**DFS**) against the pinch weld and ensure proper alignment.
- Using the support bracket as a template, mark the locations for two mounting holes on the pinch weld.
- Drill two 1/4" holes at the marked locations.

NOTE: Before drilling, verify that the step bar is level and properly positioned. It is recommended to drill the holes after completing the step bar installation in Step 8. Don't Drill at this time.

- Secure the Support Bracket onto the drilled holes (**Fig. 14**).



(Fig. 14) Driver Side Support Bracket Installation

STEP 5: Install Driver Side Center & Rear Mounting Brackets

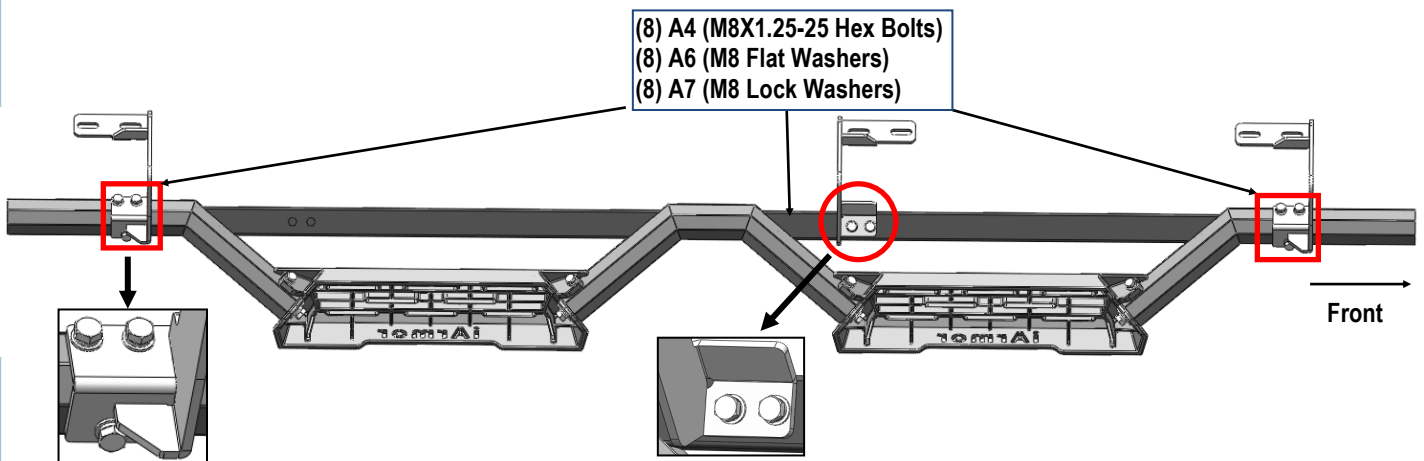
- Move to the driver center and rear mounting locations, (Figs. 5-7).
- Repeat **Steps 3-4** to install the driver side center & rear Brackets.

STEP 6: Driver Side Step Bar Installation

Once all (3) Mounting Brackets have been installed, attach the assembled driver side step bar to the mounting brackets with (Fig.15):

- (8) A4 (M8X1.25-25 Hex Bolts)
- (8) A6 (M8 Flat Washers)
- (8) A7 (M8 Lock Washers)

Do not fully tighten hardware at this time.



(Fig. 15) Driver Side Step Installation (Back View)

STEP 7: Driver 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. Tighten all 10mm hardware with 31-32 ft-lbs torque.

STEP 8: The Other Side Step Bar Installation

Move to the other side of the vehicle. Repeat **Steps 2-7** 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.