AUTO PARTS SPECIALIST INC

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iBoard® Series

INSTALLATION INSTRUCTIONS

PART#: IB-P208L Y&H

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!

***ROCKER PANEL MOUNT**

***DRILLING MAY BE 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

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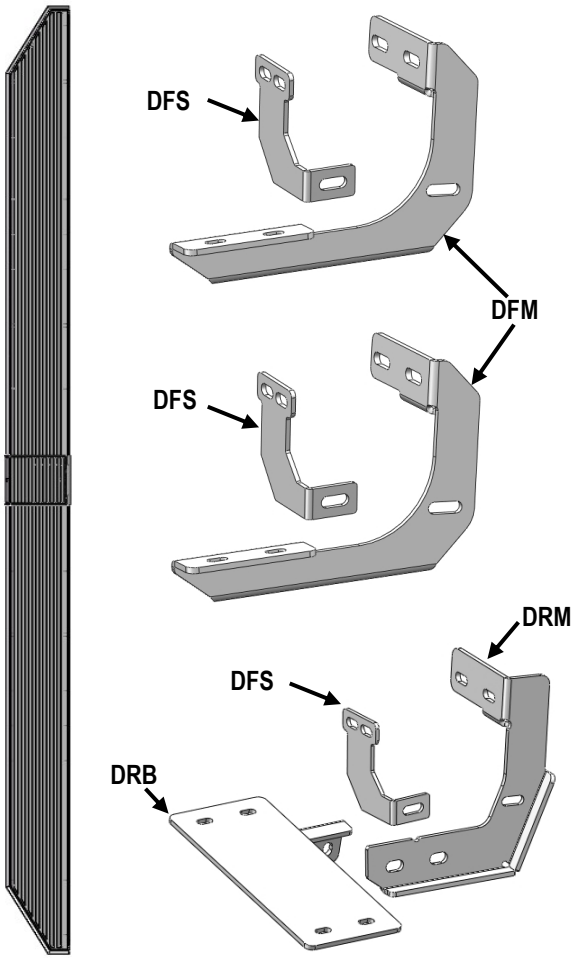
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Mounting Bracket List							
Item	QTY	Bracket Label	Description	Item	QTY	Bracket Label	Description
1#	2	DFM	Mounting Bracket for Driver Front / Center				
2#	2	PFM	Mounting Bracket for Passenger Front / Center				
3#	1	DRM	Mounting Bracket for Driver Rear	6#	1	PRM	Mounting Bracket for Passenger Rear
4#	1	DRB	Bar Bracket for Driver Rear	7#	1	PRB	Bar Bracket for Passenger Rear
5#	3	DFS	Support Bracket for Driver Side	8#	3	PFS	Support Bracket for Passenger Side

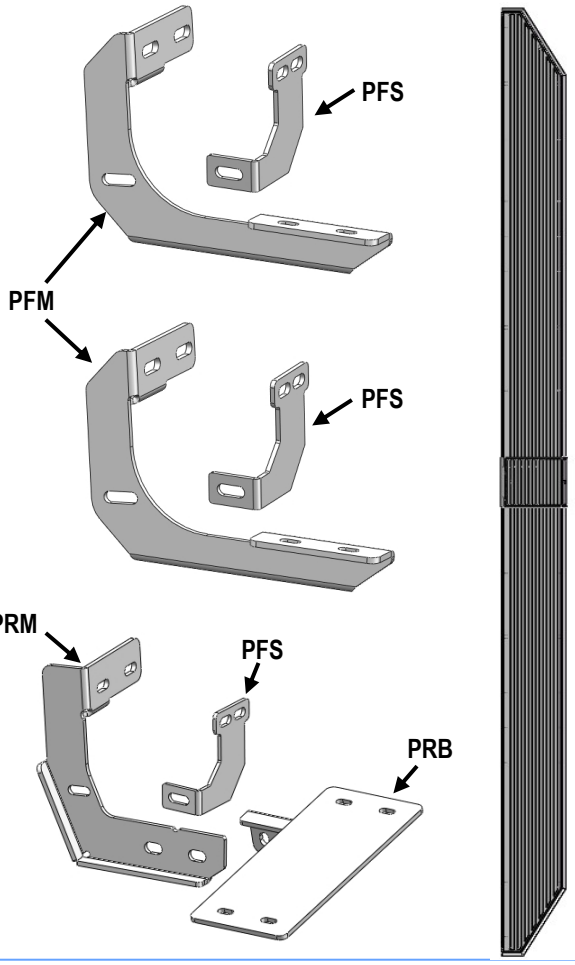
PART LIST

Front

Driver Side Step Bar



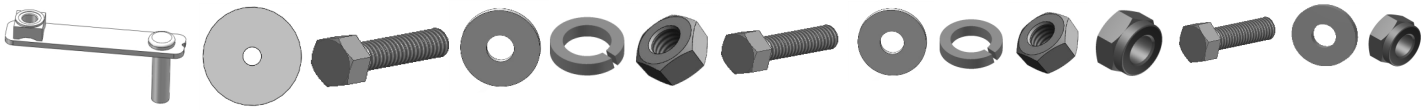
Passenger Side Step Bar



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Hardware Package A (For Bracket Installation)					
Item	QTY	Description	Item	QTY	Description
A1	6	M8 Bolt/Nut Plates	A8	24	M8 Large Flat Washers
A2	6	M8 Plastic Washers	A9	12	M8 Lock Washers
A3	4	M10X1.5-30 Hex Bolts	A10	6	M8 Hex Nuts
A4	8	M10 Large Flat Washers	A11	6	M8X1.25 Nylon Lock Nuts
A5	4	M10 Lock Washers	A12	12	M6X1-25 Hex Bolts
A6	4	M10X1.5 Hex Nuts	A13	24	M6 X-Large Flat Washers
A7	18	M8X1.25-30 Hex Bolts	A14	12	M6X1 Nylon Lock Nuts



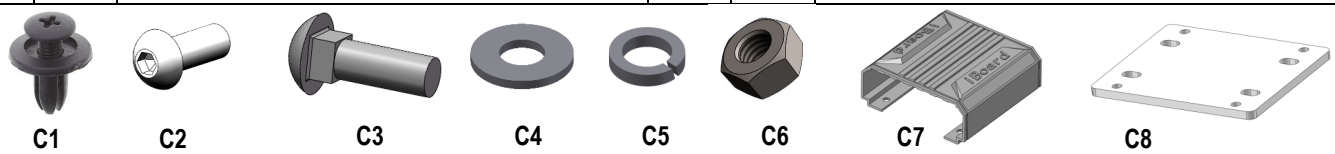
A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13 A14

Hardware Package B (For Stainless Steel Step Bar Installation)					
Item	QTY	Description	Item	QTY	Description
B1	16	M8X1.25-35mm Carriage Bolts	B3	16	M8 Nylon Lock Nuts
B2	16	M8 Large Flat Washers	B4	8	Sliders (Packed with Mounting Brackets)



B1 B2 B3 B4

Hardware Package C (For Stainless Steel Step Bar Assembly)					
Item	QTY	Description	Item	QTY	Description
C1	8	Plastic Rivets	C5	12	M8 Lock Washers
C2	8	M8X1.25-25mm Inner Hex Bolts	C6	4	M8 Hex Nuts
C3	4	M8X1.25-25 Carriage Bolts	C7	2	Plastic Covers (Packed with Step Bars)
C4	12	M8 Flat Washers	C8	2	Back Plates (Packed with Step Bars)



C1 C2 C3 C4 C5 C6 C7 C8

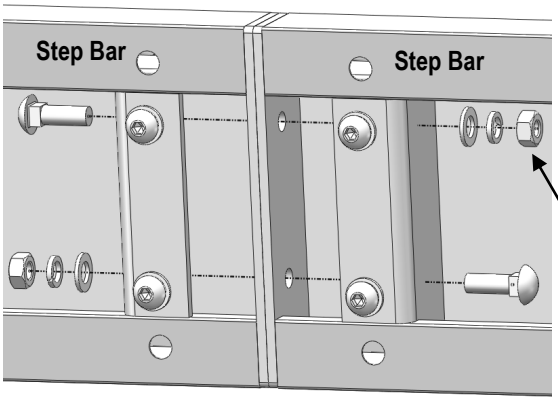
STEP 1: Assemble Step Bars

Step Bar Assembly:

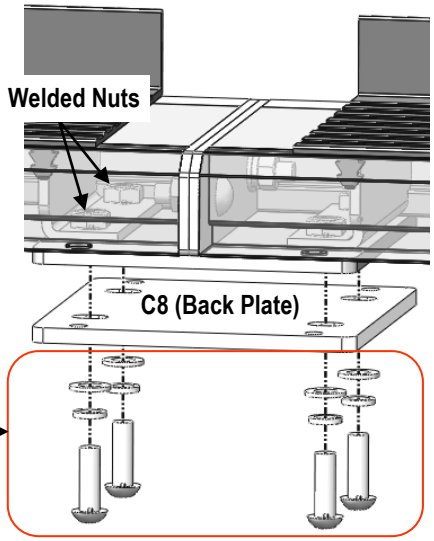
1. Select and assemble (2) Step Bars **(Fig. 1)** with:
   - (2) C3 (M8X1.25-25mm Carriage Bolts)
   - (2) C4 (M8 Flat Washers)
   - (2) C5 (M8 Lock Washers)
   - (2) C6 (M8 Hex Nuts)

NOTE: This kit includes 4 step bar sections. Select 2 matching sections (from different pairs) to assemble one complete step bar.

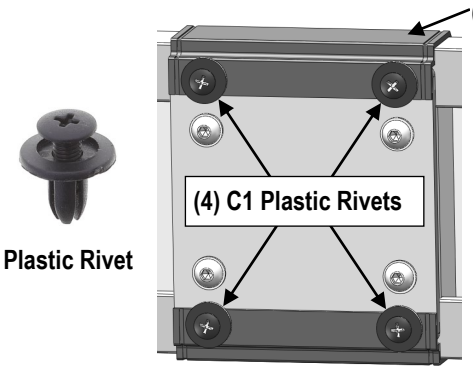
2. Attach (1) C8 (Back Plate) to the bottom of the installed (2) Step Bars **(Fig. 2)** with:
   - (4) C2 (M8X1.25-25mm Inner Hex Bolts)
   - (4) C4 (M8 Flat Washers)
   - (4) C5 (M8 Lock Washers)
3. Install (1) C7 (Plastic Cover) to cover the joint of (2) Step bars with (4) C1 (Plastic Rivets) **(Fig. 3).**
4. Repeat to assemble the other (2) Step Bars.



(Fig. 1) Step Bars Assembly



(Fig. 2) Back Plate Installation



(Fig. 3) Plastic Cover Installation (Bottom View)

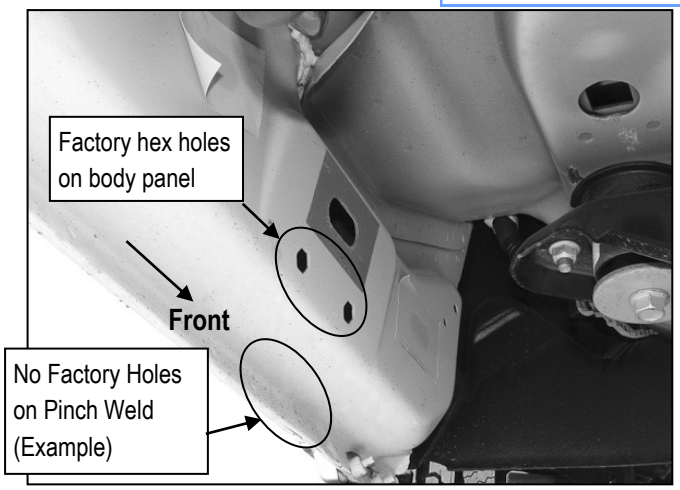


Assembled Step Bars

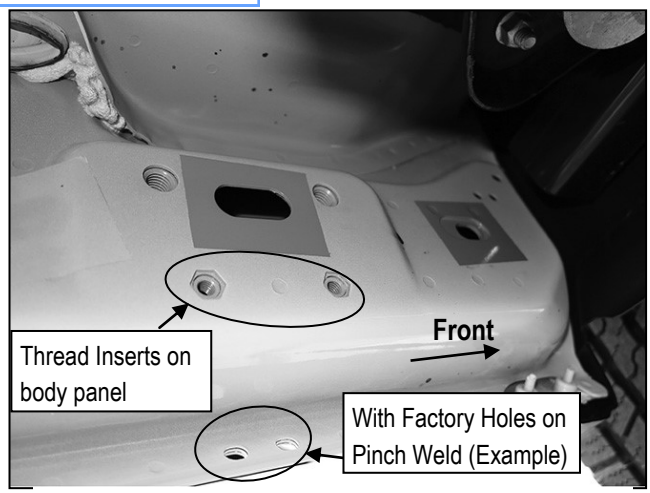
STEP 2: Locate Driver Side Front & Center & Mounting Positions

1. Locate the oval holes along the inner side of the body panel on driver side **(Figs. 4-6)**.
2. Remove the sealing tape covering the factory holes if equipped.
3. Identify the style of the mounting position on your vehicle.

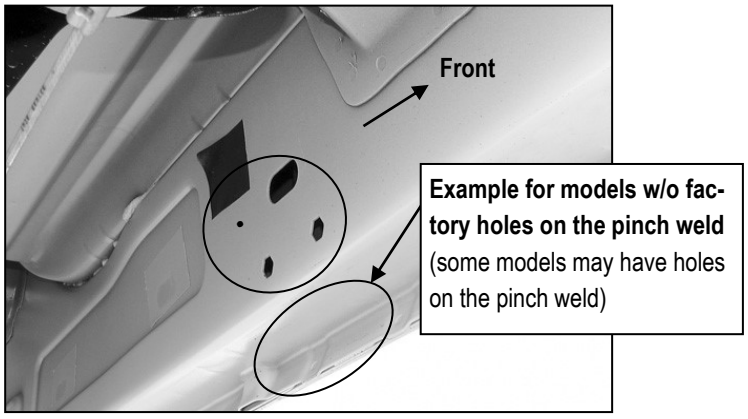
Driver Side Front Mounting Position



(Fig. 4) Without Factory threaded Inserts on body panel



(Fig. 5) With Factory threaded Inserts on body panel



(Fig. 6) Driver Side Center Mounting Position

STEP 3: Driver Front Mounting Bracket Installation

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. 4 & 6):**

(1) M8 Bolt/Nut Plate installation:

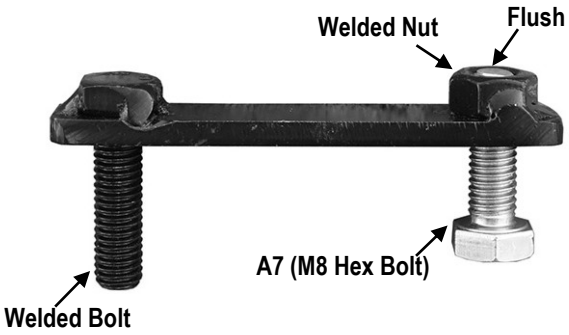
- Thread (1) A7 (M8X1.25-30 Hex Bolt) into the welded nut on A1 (M8 Bolt/Nut Plate) until it is flush with the welded nut **(Fig 8)**.
- Use the M8 hex bolt as a handle and insert the M8 Bolt/Nut Plate into the oval hole; Feed the thread end through a factory hex hole **(Fig. 8)**.
- Thread (1) A2 (M8 Plastic Washer) onto the M8 Bolt/Nut Plate and tighten against the body panel **(Fig. 9)**. Then remove the A7 (M8X1.25-30 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.

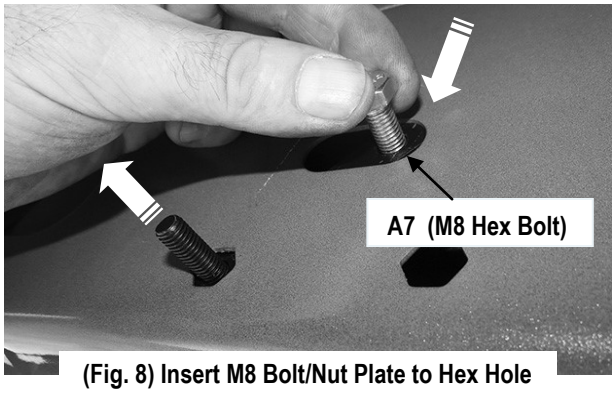
(2) **The Driver Front Mounting Bracket (DFM) Installation:**

Attach (1) driver side mounting Bracket to the installed A1 (M8 Bolt/Nut Plate) **(Fig. 10a & 10b)** by using:

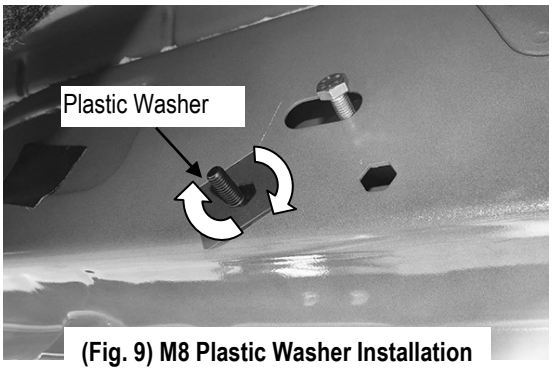
- (2) A8 (M8 Large Flat Washer)
- (2) A9 (M8 Lock Washer)
- (1) A10 (M8 Hex Nut)
- (1) A7 (M8X1.25-30 Hex Bolt)



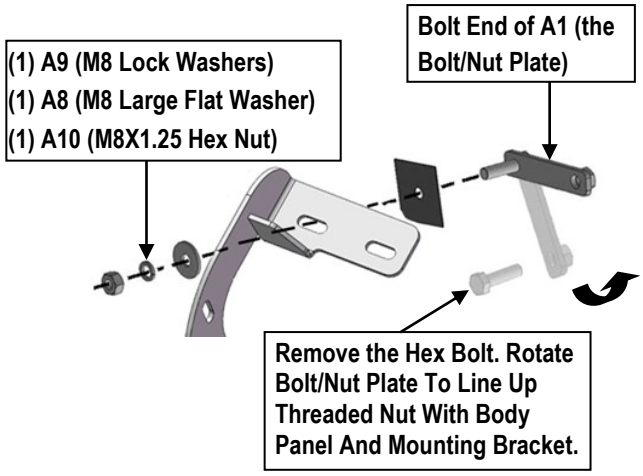
(Fig. 7) M8 Bolt/Nut Plate with M8 Hex Bolt



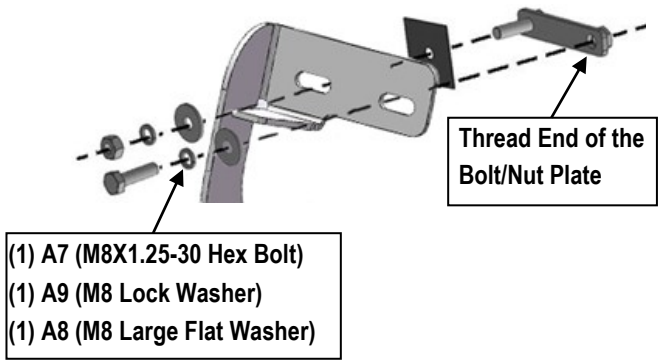
(Fig. 8) Insert M8 Bolt/Nut Plate to Hex Hole



(Fig. 9) M8 Plastic Washer Installation



(Fig. 10a) Attach Bracket to Bolt end of the Bolt/Nut Plate



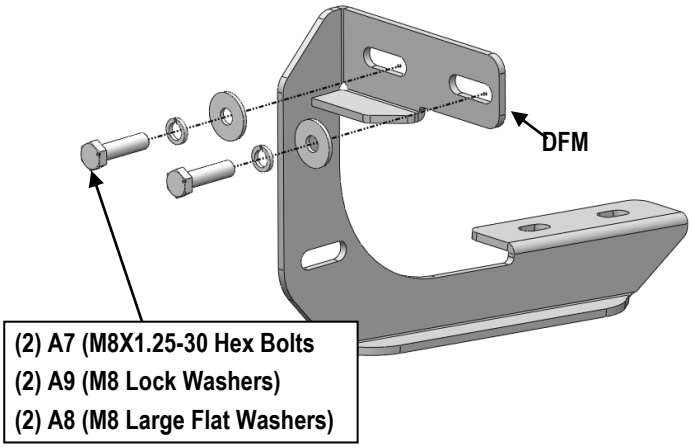
(Fig. 10b) Attach the Bracket to Threaded End of the Bolt/Nut Plate

2. For Models with factory threaded inserts (Fig. 5):

Directly Bolt the Driver Front Mounting Bracket **(DFM)** to the factory threaded inserts (**Fig. 11**) by using :

- (2) A7 (M8X1.25-30mm Hex Bolts)
- (2) A9 (M8 Lock Washers)
- (2) A8 (M8 Large Flat Washer)

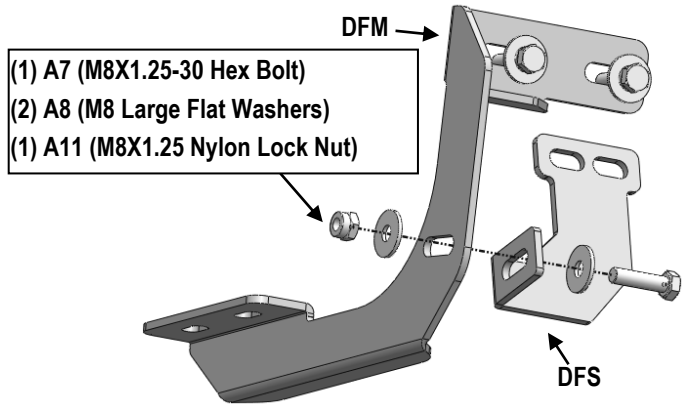
Note: Do not fully tighten hardware at this time.



(Fig. 11) 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. 12)** with :
   - (1) A7 (M8X1.25-30 Hex Bolt)
   - (2) A8 (M8 Large Flat Washers)
   - (1) A11 (M8X1.25 Nylon Lock Nut)



(Fig. 12) 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. 5):**

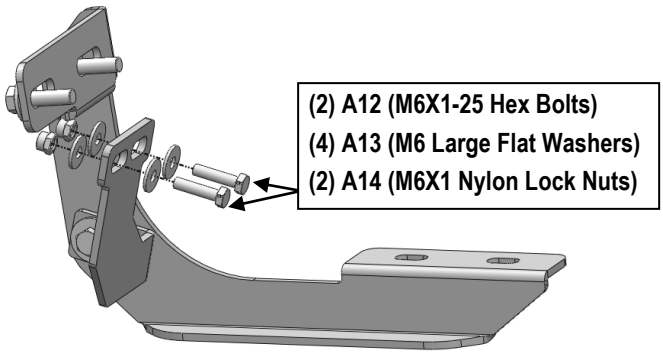
Align and secure the support bracket to the two factory holes in the pinch weld (**Fig. 13**) using:

- (2) A12 (M6X1-25 Hex Bolts)
- (4) A13 (M6 X-Large Flat Washers)
- (2) A14 (M6X1 Nylon Lock Nuts),

Note: Do not fully tighten hardware at this time.

(3) For Models without factory holes on Pinch Weld (Figs. 4 & 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.
- Don't Drill at this time.
- Complete the step bar installation and verify proper alignment before drilling the holes as instructed in Step 8.
- Drill two 1/4" holes at the marked locations. **(Refer to Step 8)**
- Secure the Support Bracket onto the drilled holes (**Fig. 13**).



(Fig. 13) Driver Side Support Bracket Installation

STEP 5: Install Driver Side Center Mounting Bracket

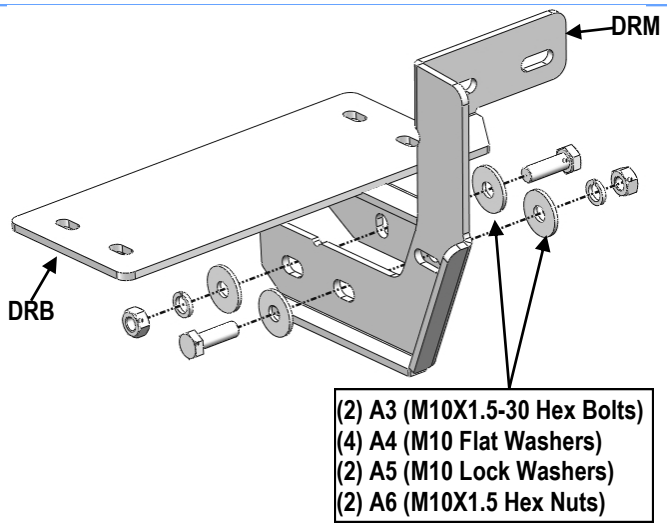
- Move to the Driver center mounting location **(Fig. 6)**.
- Repeat **Steps 2-4** to install the driver side center Bracket.

STEP 6: Install Driver Side Rear Mounting Bracket

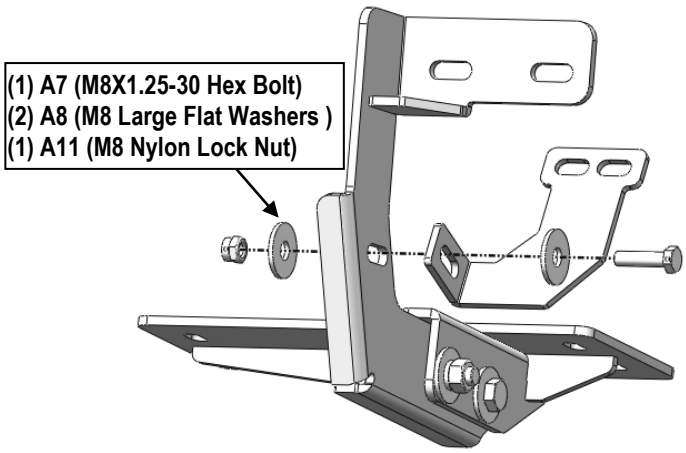
1. Assemble Driver Rear Mounting Bracket **(DRM+DRB)** with **(Fig. 14)**
   - (2) A3 (M10X1.5-30mm Hex Bolts)
   - (4) A4 (M10 Flat Washers)
   - (2) A5 (M10 Lock Washers)
   - (2) A6 (M10X1.5 Hex Nuts)

   Do not fully tighten hardware at this time**.**
2. Repeat **Step 4** to attach **DFS** to the assembled Driver Rear Mounting Brackets with **(Fig. 15)**
   - (1) A7 (M8X1.25-30mm Hex Bolt)
   - (2) A8 (M8 Large Flat Washers)
   - (1) A11 (M8X1.25 Nylon Lock Nut)
3. Next, move to the driver side rear mounting location at the back of the cab.
4. Repeat **Steps 2- 4** to install the assembled driver rear bracket.

Do not fully tighten hardware at this time.



(Fig. 14) Driver Rear Brackets Assembly



(Fig. 15) Driver Rear Brackets Assembly

STEP 7: Install Driver Side Step Bar

Once all (3) Driver side mounting brackets are installed, then proceed to the Step Bar installation (**Figs. 16 & 17**).

(1) Select (1) B4 (Slider) and (2) B1 (M8X1.25-35mm Carriage Bolts);

(2) Install (2) B1 (M8X1.25-35mm Carriage Bolts) in (1) Slider.

(3) Slide the Slider (with carriage bolts) to the **Step Bar.**

(4) Repeat to install the other (3) B4 (Sliders) to the step bar.

(5) Attach the Step Bar (with the Sliders) onto the installed mounting brackets. Position the Sliders to the installed brackets. Secure the Step Bar to the installed Brackets **(Fig. 17)** by using :

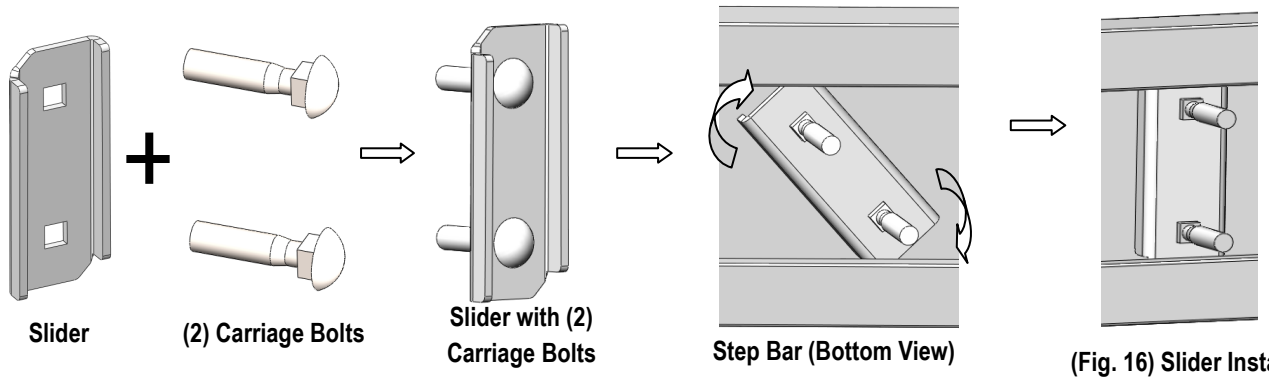
(8) B2 (M8 Flat Washers)

(8) B3 (M8 Nylon Lock Nuts)

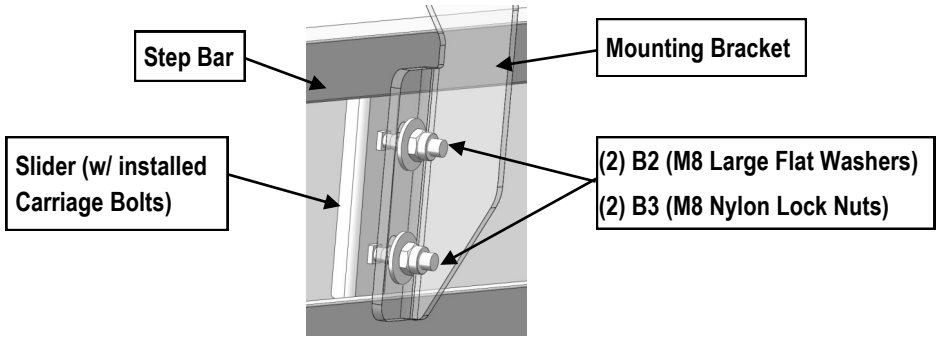
(4) B4 (Sliders)

Note: Do not fully tighten hardware at this time.

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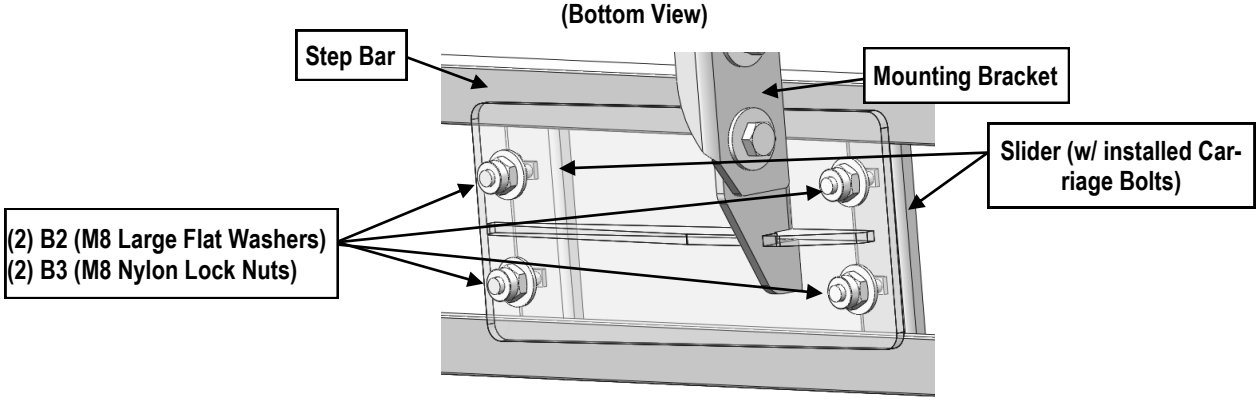


(Fig. 16) Slider Installation



Front and Center Brackets
(Bottom View)

Front and Center Brackets
(Bottom View)



Rear Bracket
(Bottom View)

(Fig. 17) Step Bar Installation

STEP 8: Drill Holes for Driver Support Bracket (DFS)

Some Models requiring **drilling** for Driver Side Support Bracket **(DFS):**

a. Mark the locations of both mounting holes using the support bracket as a template. Verify that both marked locations align with the bracket before drilling.

b. Make sure the sidebar is level to the vehicle. Line up the slot on the Support Bracket with the back of the pinch weld. Mark the location of the slot onto the pinch weld.

c. Drill (2) ¼" holes through the pinch weld. **Important:** Do not drill too close to the bottom edge of the pinch weld. Drill the holes toward the outside of the marked slot.

d. Attach the Support Bracket to the pinch weld with (2) A12 (M6 X1-25mm Hex Bolts), (4) A13 (M6 X-Large Flat Washers), (2) A14 (M6 nylon Lock Nuts) **(Fig. 13).**

e. Check for level then fully tighten all hardware.

STEP 9: 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 and 10mm hardware with 31-32 ft-lbs torque.

STEP 10: Passenger Side Step Bar Installation

Repeat **steps 2-9** to install the Passenger Side Step Bar .

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.