

# iBoard® Series

## INSTALLATION INSTRUCTIONS

**PART#: IB-R406/R416**

### 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 IS REQUIRED**

### Torque Value

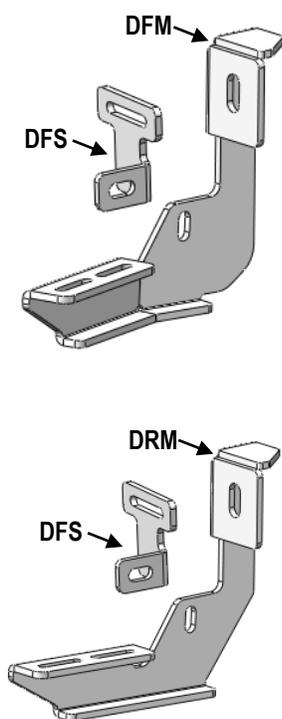
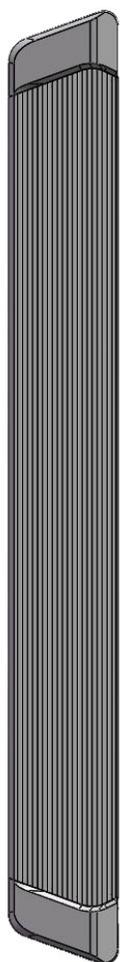
Fastener Size	Tightening Torque (ft-lbs)	Required
6mm	6-7	√
8mm	16-18	√
10mm	31-32	√
12mm	56-58	X
14mm	92-94	X



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

**PART LIST**

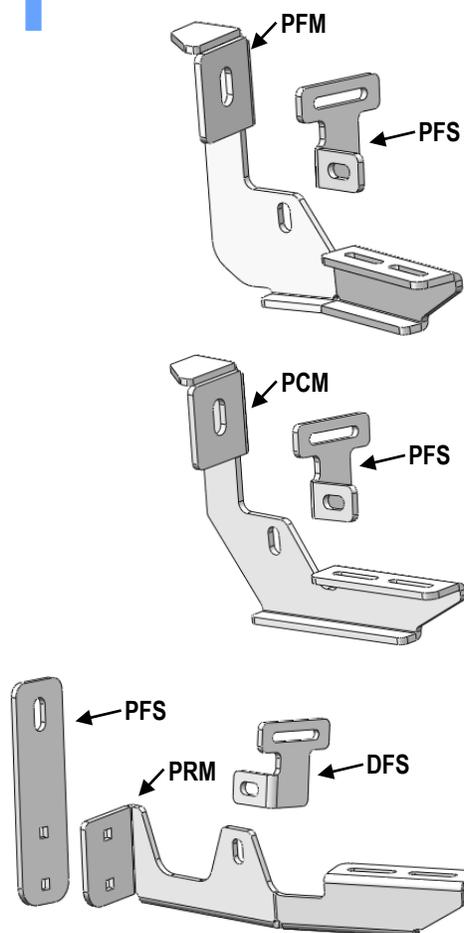
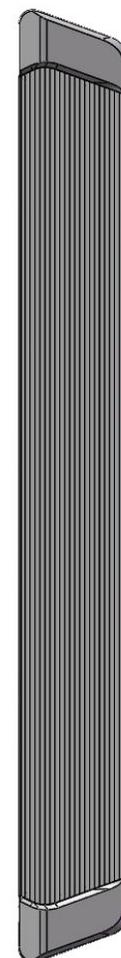
**Driver Side Step Bar**



**Front**



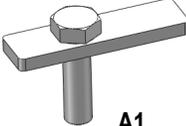
**Passenger Side Step Bar**





Scan for  
Installation Video

Hardware Package A (For Bracket Installation)					
Item	QTY	Description	Item	QTY	Description
A1	5	M10X35 Bolt Plates	A9	5	M8 Hex Nuts
A2	5	M10 Plastic Washers	A10	10	M6X1-25mm Hex Bolts
A3	5	M10 Large Flat Washers	A11	20	M6 Large Flat Washers
A4	5	M10 Lock Washers	A12	10	M6 Lock Washers
A5	5	M10 Hex Nuts	A13	10	M6X1 Hex Nuts
A6	5	M8X1.25-25mm Hex Bolts	A14	2	M8X1.25-25 Carriage Bolts
A7	10	M8 X-Large Flat Washers	A15	2	M8 Flat Washers
A8	5	M8 Lock Washers	A16	2	M8X1.25 Nylon Lock Nuts

  
A1

  
A2

  
A3

  
A4

  
A5

  
A6

  
A7

  
A8

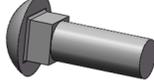
  
A9

  
A10

  
A11

  
A12

  
A13

  
A14

  
A15

  
A16

Hardware Package B (For Step Bar Installation)					
Item	QTY	Description	Item	QTY	Description
B1	10	M6X1-20mm Square Head Bolts	B3	10	M6X1 Nylon Lock Nuts
B2	10	M6 Large Flat Washers			

  
B1

  
B2

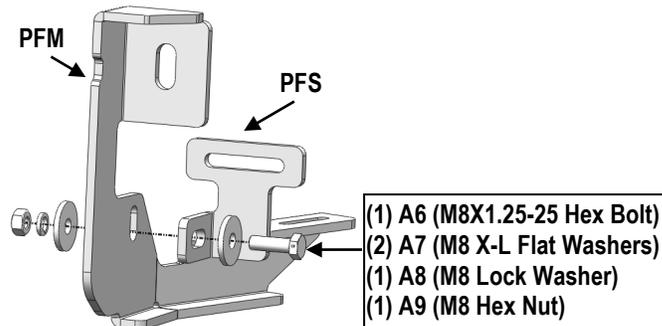
  
B3



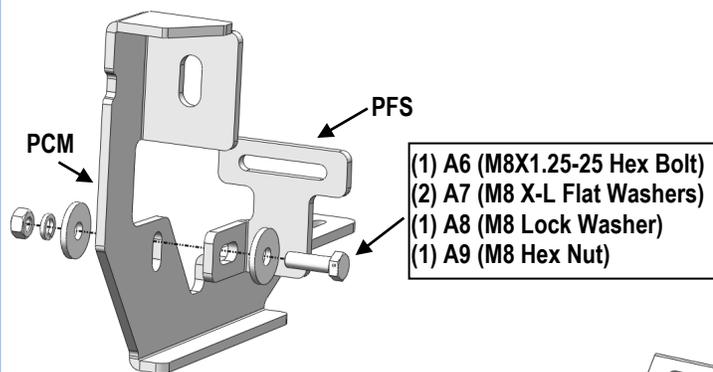
## STEP 1: Mounting Brackets Assembly

- Assemble Passenger Front Mounting Bracket (**PFM+PFS**) (Fig 1) with:
  - (1) A6 (M8X1.25-25mm Hex Bolt)
  - (2) A7 (M8 X-Large Flat Washers)
  - (1) A8 (M8 Lock Washer)
  - (1) A9 (M8 Hex Nut)
- Repeat to assemble Passenger Center Mounting Bracket (**PCM+PFS**) (Fig 2);
- Repeat to assemble Driver Front Mounting Bracket (**DFM+DFS**) (Fig 4);
- Repeat to assemble Driver Rear Mounting Bracket (**DRM+DFS**) (Fig 5);
- Assemble Passenger Rear Mounting Bracket (**PRM+PRS**) (Fig 3) with:
  - (2) A14 (M8X1.25-25 Carriage Bolts)
  - (2) A15 (M8 Flat Washers)
  - (2) A16 (M8 Nylon Lock Nuts)
  - (1) A6 (M8X1.25-25mm Hex Bolt)
  - (2) A7 (M8 X-Large Flat Washers)
  - (1) A8 (M8 Lock Washer)
  - (1) A9 (M8 Hex Nut)

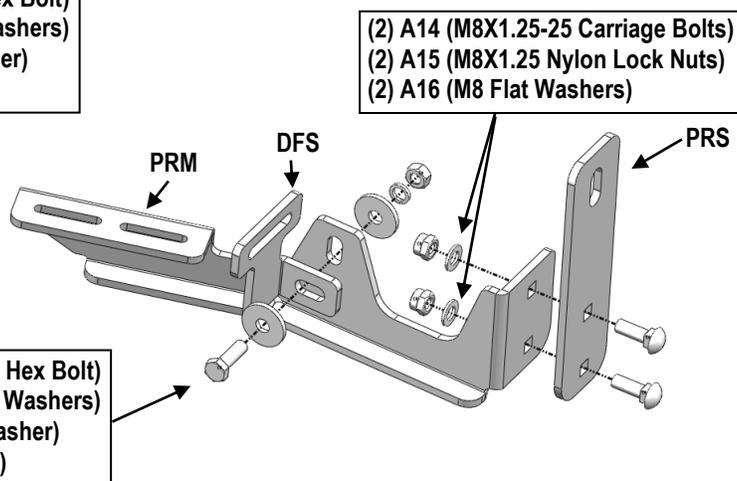
**Do not fully tighten hardware at this time.**



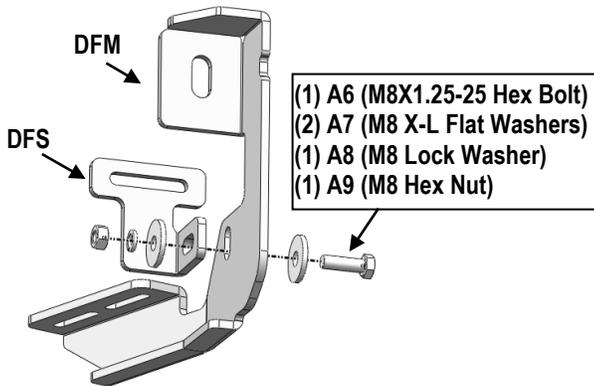
(Fig 1) Passenger Front Mounting Bracket Assembly



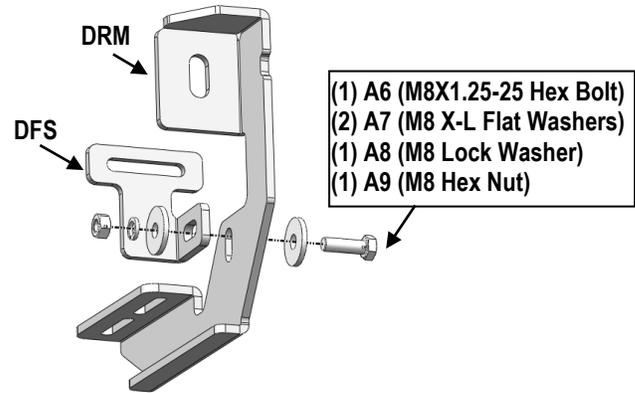
(Fig 2) Passenger Center Mounting Bracket Assembly



(Fig 3) Passenger Rear Mounting Bracket Assembly



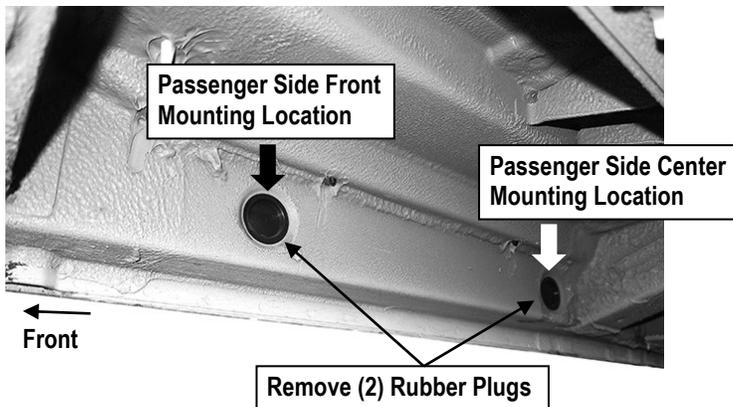
(Fig 4) Driver Front Mounting Bracket Assembly



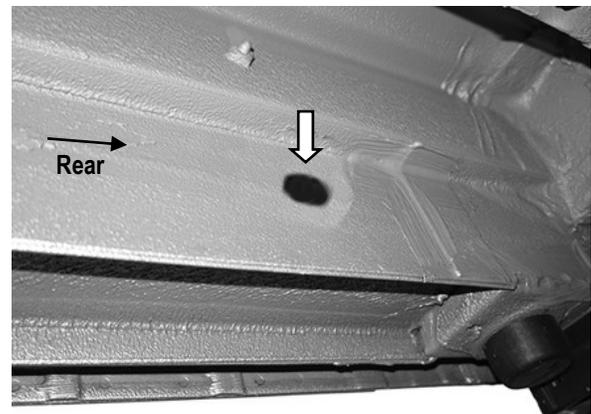
(Fig 5) Driver Rear Mounting Bracket Assembly

## STEP 2: Locate Passenger Side Mounting Positions

- Locate Factory Holes in the inner body panel closest to the front tire opening, (Figs 6-7).
- Remove the rubber plugs if equipped. **Note: Mounting Locations may be covered with heavy undercoating.**



(Fig 6) Passenger Front & Center Mounting Positions



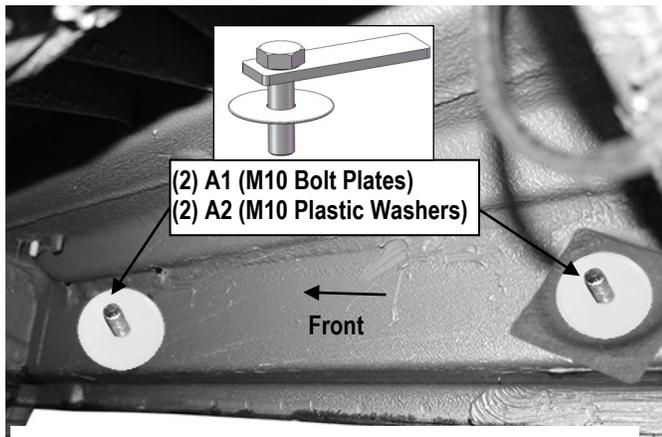
(Fig 7) Passenger Rear Mounting Position



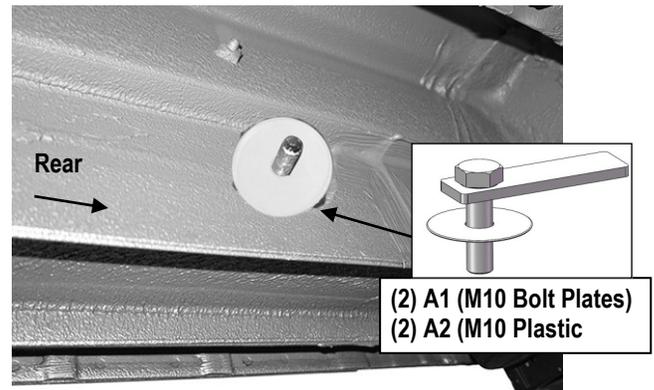
## STEP 3: Install Passenger Side Mounting Brackets

- Insert (1) A1 (M10 Bolt Plate) into passenger front mounting hole and thread (1) A2 (M10 Plastic Washer) on each Bolt Plate to hold the bolt plate in place, **(Fig 8)**. Repeat to install M10 Bolt Plates with M10 Plastic Washers into Passenger Center and Rear Mounting Position, **(Figs 8-9)**. **IMPORTANT:** The Plastic Washer is designed to prevent the Bolt Plate from falling into the body panel and to aid in Bracket installation.
- Attach the Passenger Front Mounting Bracket **(PFM)** to the installed M10 Bolt Plate **(Fig 10)** with:
  - (1) A3 (M10 Large Flat Washer)
  - (1) A4 (M10 Lock Washer)
  - (1) A5 (M10 Hex Nut)

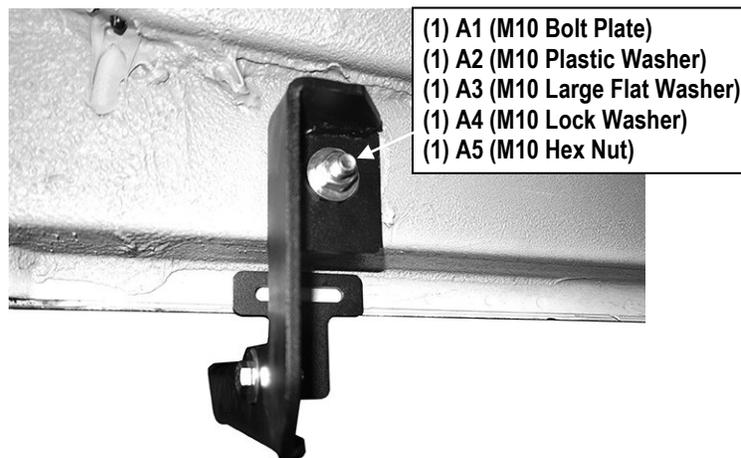
**Note:** \* Do not tighten hardware at this time.
- Repeat to install Passenger Center Mounting Bracket and Passenger Rear Mounting Bracket, **(Figs 11-12)**.



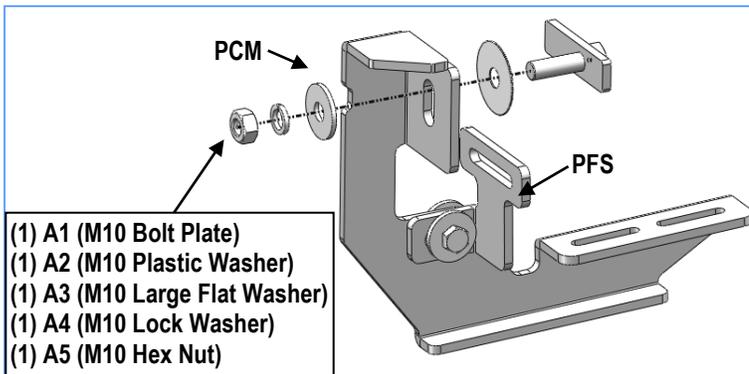
**(Fig 8) M10 Bolt Plate Installed  
(On Passenger Side Front & Center Mounting Location)**



**(Fig 9) Passenger Side Rear Mounting Location**

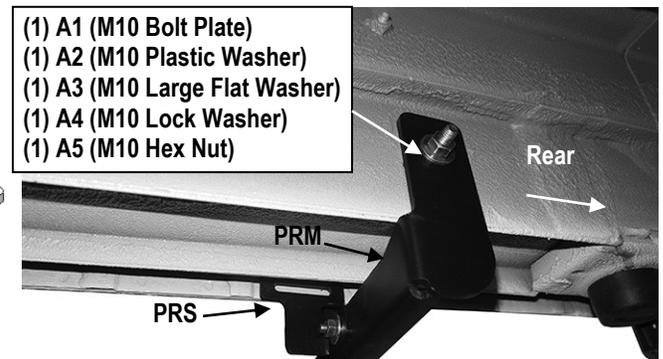


**(Fig 10) Passenger Front Bracket Installed**



- (1) A1 (M10 Bolt Plate)
- (1) A2 (M10 Plastic Washer)
- (1) A3 (M10 Large Flat Washer)
- (1) A4 (M10 Lock Washer)
- (1) A5 (M10 Hex Nut)

(Fig 11) Passenger Center Bracket Installation



- (1) A1 (M10 Bolt Plate)
- (1) A2 (M10 Plastic Washer)
- (1) A3 (M10 Large Flat Washer)
- (1) A4 (M10 Lock Washer)
- (1) A5 (M10 Hex Nut)

(Fig 12) Passenger Rear Bracket Installed

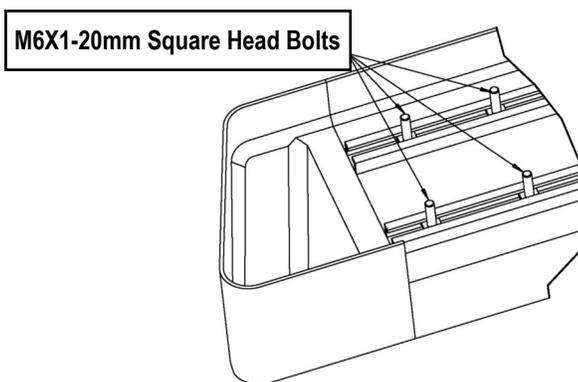
## STEP 4: Passenger Side Step Bar Installation

Once all (3) mounting brackets are installed, then proceed to the Running Board installation.

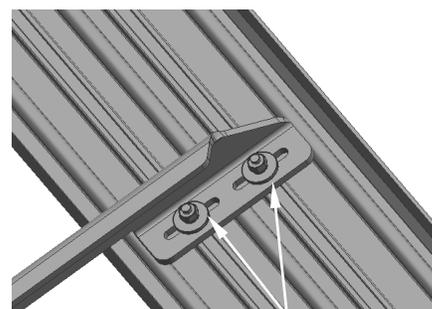
- (1) Select a Running Board. Slide (3) B1 (M6X1-20mm Square Head Bolts) into each bottom channel (Fig 13).
- (2) Carefully position the Running Board onto the (3) Mounting Brackets.
- (3) Attach the Running Board to each Mounting Bracket (Fig 14) with
  - (2) B1 (M6X1-20mm Square Head Bolts)
  - (2) B2 (M6 Large Flat Washers)
  - (2) B3 (M6 Nylon Lock Nuts)

**Note:** Do not fully tighten hardware at this time.

**IMPORTANT:** Do not slide the Running Board on the Brackets or the bottom surface of the board will be damaged.



(Fig 13) Slip M6X1-20mm Square Head Bolts Into  
The Bottom Channels



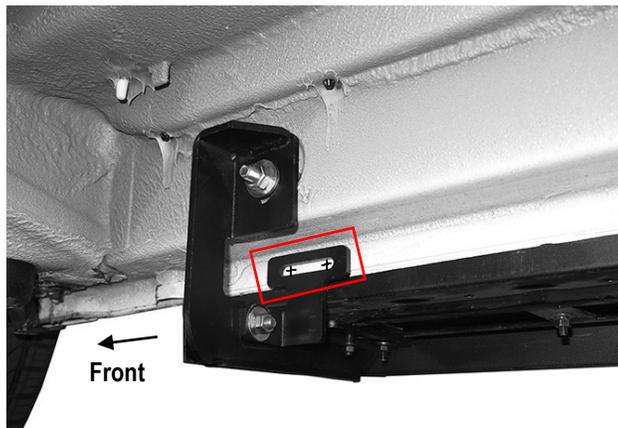
- (2) B1 (M6X1-20mm Square Head Bolts)
- (2) B2 (M6 Large Flat Washers)
- (2) B3 (M6 Nylon Lock Nuts)

(Fig 14) Running Board Installed Onto Mounting Bracket

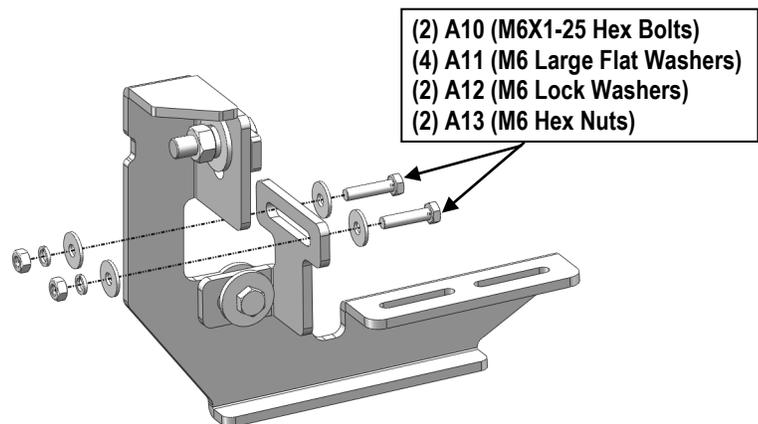


## STEP 5: Install Passenger Side Support Brackets

- Level and adjust the Running Board properly.
- Fully Tighten the Bracket to vehicle hardware only.
- Line up the slots on each Support Bracket with the back of the pinch weld. Mark the location of the slots onto the pinch weld, (Fig 15).
- Remove the Running Board and Support Brackets. Use a 1/4" drill bit to drill the (2) holes through the pinch weld for each Support Bracket, (Fig 15). **NOTE:** Drill holes toward outer ends of slot. Avoid drilling through welds in pinch weld.
- **IMPORTANT:** Do not drill too close to the bottom edge of the pinch weld. Adjust Support Brackets and/or Mounting Brackets to move slot in support bracket up away from the bottom edge of the pinch weld.
- Attach each Support Bracket to the pinch weld (Fig 16) with:
  - (2) A10 (M6X1-25mm Hex Bolts)
  - (4) A11 (M6 Large Flat Washers)
  - (2) A12 (M6 Lock Washers)
  - (2) A13 (M6 Hex Nuts)
- Repeat this Step to attach all (3) Support Brackets. Tighten the hardware attaching the Support Brackets to the vehicle only.



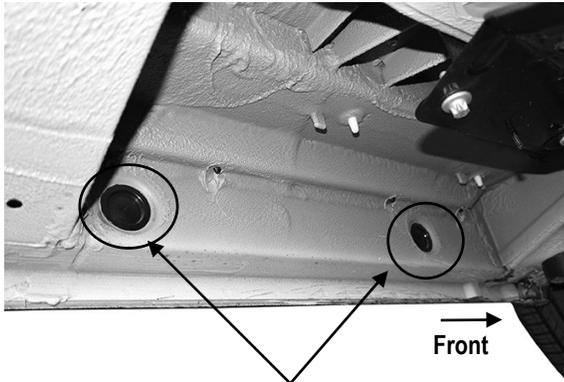
(Fig 15) Mark location of each Support Bracket onto pinch weld before drilling



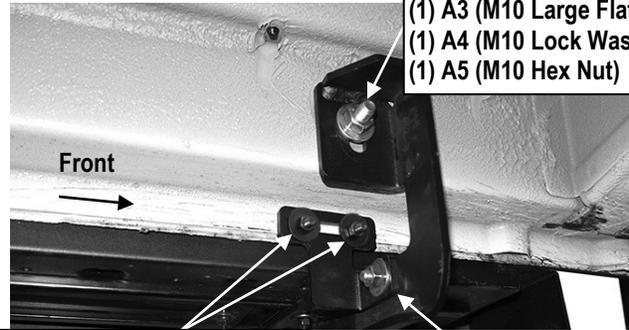
(Fig 16) Support Bracket install to the pinch weld

## STEP 6: The Other Side Running Board Installation

- Move to the Driver side of the vehicle (Fig 17).
- Repeat **Steps 1-3 & 5** to install the driver side front & rear Mounting Brackets and Support Brackets, (Fig 18). Do not fully tighten hardware at this time.
- Repeat **Step 4** to install Driver Side Running Board (the short one).



(Fig 17) Driver Side Front & Rear Mounting Locations



- (1) A1 (M10 Bolt Plate)
- (1) A2 (M10 Plastic Washer)
- (1) A3 (M10 Large Flat Washer)
- (1) A4 (M10 Lock Washer)
- (1) A5 (M10 Hex Nut)

- (2) A10 (M6X1-25 Hex Bolts)
- (4) A11 (M6 Large Flat Washers)
- (2) A12 (M6 Lock Washers)
- (2) A13 (M6 Hex Nuts)

- (1) A6 (M8X1.25-25 Hex Bolt)
- (2) A7 (M8 X-L Flat Washers)
- (1) A8 (M8 Lock Washer)
- (1) A9 (M8 Hex Nut)

(Fig 18) Driver Side Front Bracket Installation

## STEP 7: Running Board Adjustment

- Level and adjust the Running Board properly.
- Tighten all 6mm hardware with 6-7 ft-lbs torque.
- Tighten all 8mm hardware with 16-18 ft-lbs torque.
- Tighten all 10mm hardware with 31-32 ft-lbs torque.

**Important:** Please follow the recommended Tightening Torques shown in the table on page 1.

**Don't over tighten, or the nuts/bolts will be damaged.**

### 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.