



## iBoard® by APS

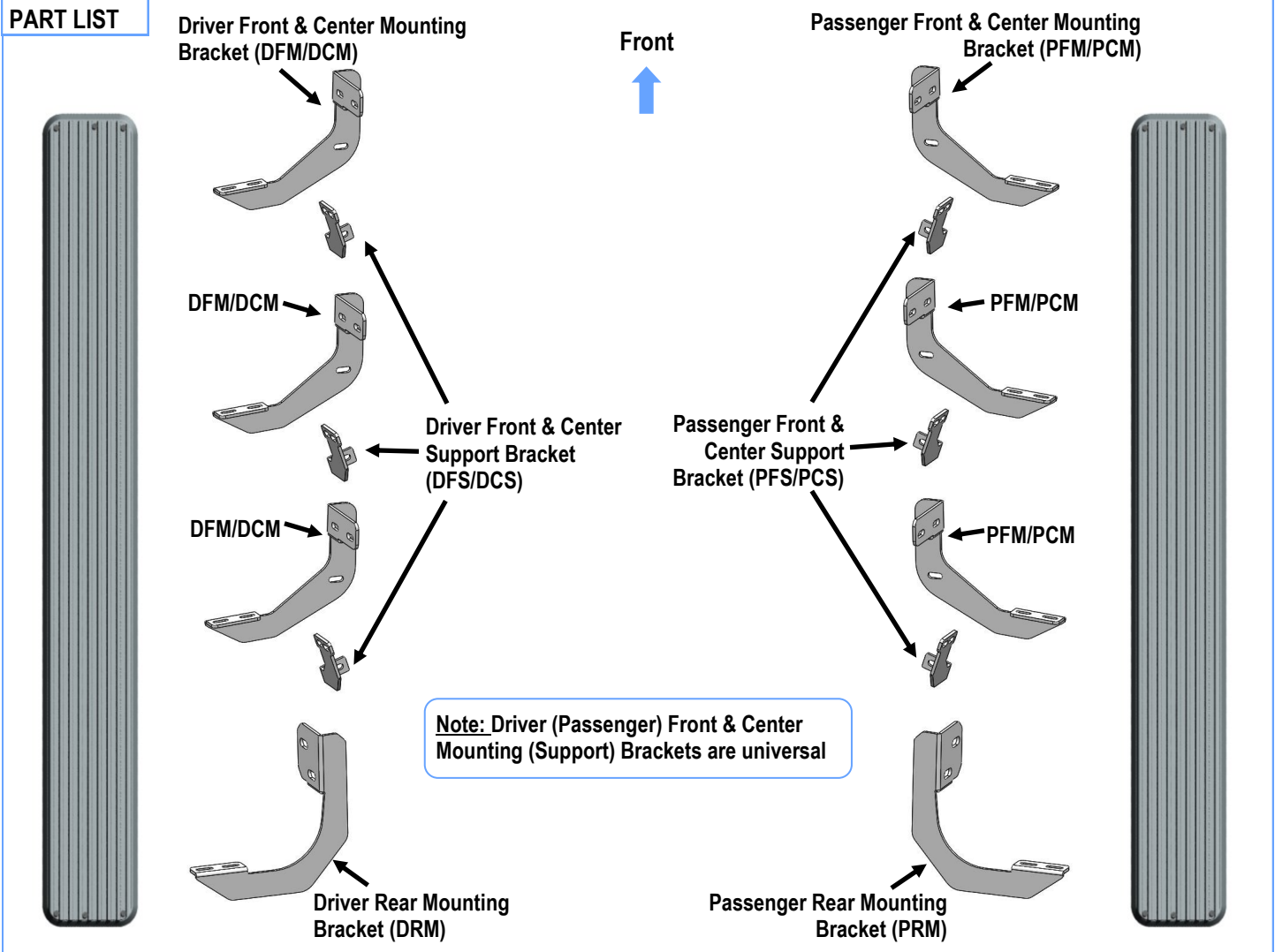
PART#: IB-209[L,S]

READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT. ASSISTANCE IS RECOMMENDED.

\*ROCKER PANEL MOUNT  
\*DRILLING MAY BE REQUIRED

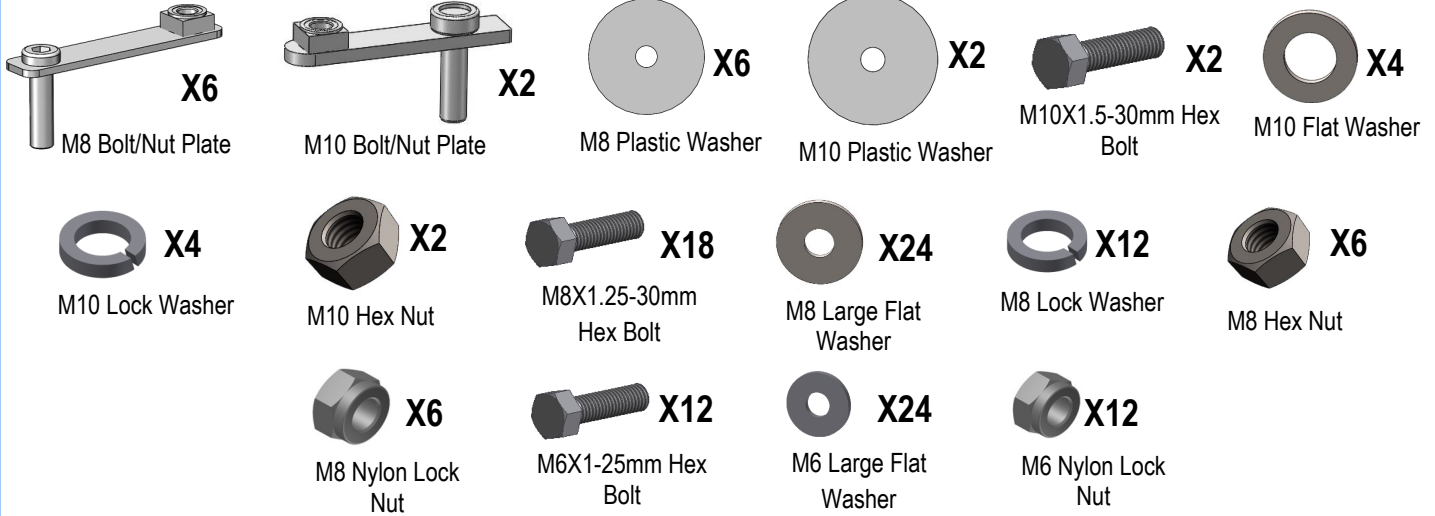
Fastener Size	Tightening Torque (ft-lbs)	Required
6mm	6-7	√
8mm	16-18	√
10mm	31-32	√
12mm	56-58	X
14mm	92-94	X

### PART LIST





## Hardware Package A (For Bracket Installation)



## Hardware Package B (For Aluminum Step Bar Installation Only, Not Supply to Stainless Steel Step Bar)



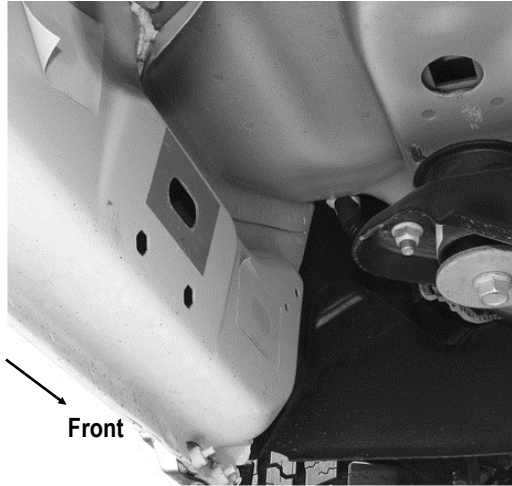
## Hardware Package C (For Stainless Steel Step Bar Installation Only, Not Supply to Aluminum Step Bar)



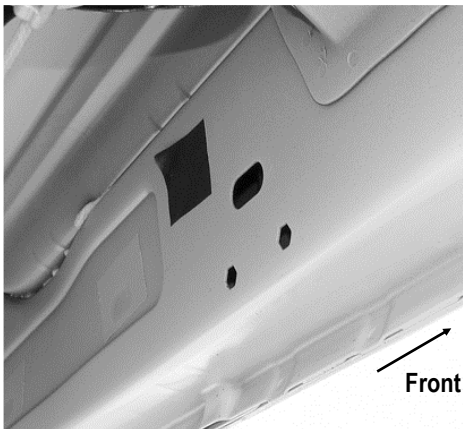


## STEP 1

Start installation on the driver side of the vehicle, remove the sealing tapes covering the factory oval holes on the inner side of the body panel, (Fig 1A & 1B & 1C).



(Fig 1A) Driver Side Front Mounting Location



(Fig 1B) Driver Side 2nd Mounting Location

## STEP 2

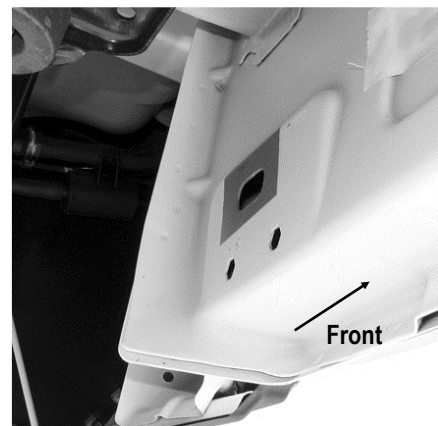
Determine the correct procedure to attach (1) Driver Front Mounting Bracket (DFM/DCM) for your model/year:

### Models without factory threaded inserts in body panel:

a. Partially thread (1) M8X1.25-30mm Hex Bolt into the threaded end of an M8 Bolt/Nut Plate, (Fig 2). Thread the hex bolt in until it is flush with the welded nut, (Fig 3). Use the hex bolt as a handle and insert the Bolt/Nut Plate into the oval hole, (Fig 4). Feed the threaded bolt on the plate through one of the hex shaped factory holes. Thread (1) M8 Plastic Washer onto the threaded end and down tight against the body panel, (Fig 5). **NOTE: The Plastic washer is designed to keep the M8 Bolt/Nut Plate from falling into the body panel and to aid in bracket installation.**

b. Attach (1) Driver Front Mounting Bracket to the threaded end of the M8 Bolt/Nut Plate on the driver side front location with (1) M8 Large Flat Washer, (1) M8 Lock Washer and (1) M8 Hex Nut, (Fig 6). Remove the M8X1.25-30mm Hex Bolt from the nut on the M8 Bolt/Nut Plate. Rotate the Bolt on the Bolt Plate until the threaded nut lines up with the remaining hole in the Mounting Bracket and body panel. Do not fully tighten hardware at this time.

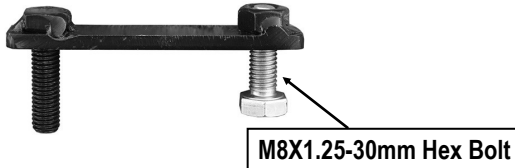
c. Attach the Driver Front Mounting Bracket to the threaded nut on the M8 Bolt/Nut Plate with (1) M8x1.25-30mm Hex Bolt, (1) M8 Lock Washer and (1) M8 Large Flat Washer, (Fig 6). Do not fully tighten hardware at this time.



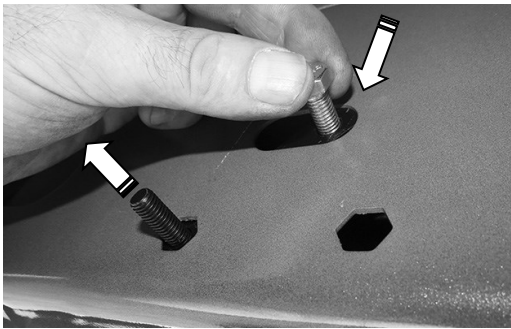
(Fig 1C) Driver Side 3rd Mounting Location



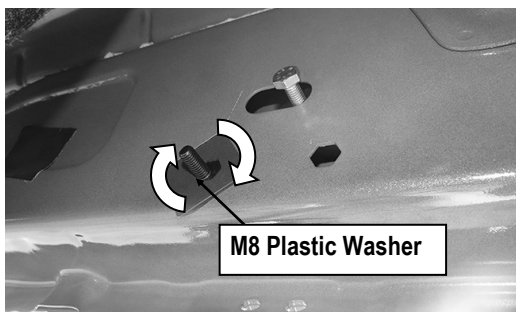
(Fig 2) M8 Bolt/Nut Plate (**NOTE:** M8 Bolt/Nut Plate is not required on models with threaded inserts)



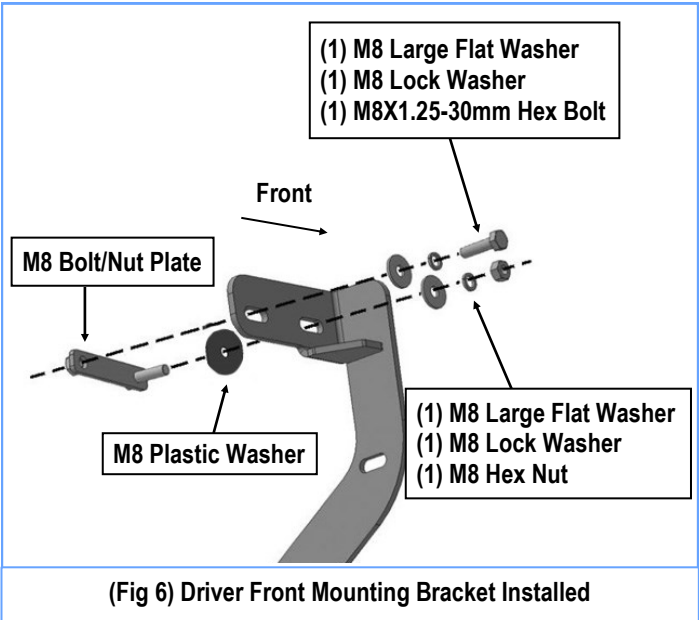
(Fig 3) Thread (1) M8X1.25-30mm Hex Bolt into the nut on the plate. (Stop when bolt reaches end of nut as pictured)



(Fig 4) Use the loose Hex Bolt as a handle. Insert the Bolt Plate into the oval hole and feed the threaded end out either factory hex shaped hole. **IMPORTANT:** Do not let go of the hex bolt until after Plastic Washer has been threaded onto bolt (Fig 5).



(Fig 5) Thread Plastic Washer onto Bolt Plate to hold Bolt Plate in position

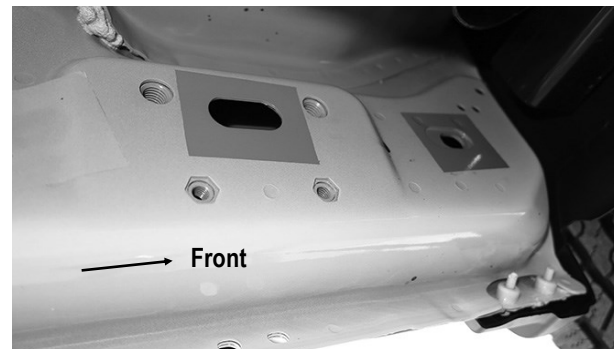


(Fig 6) Driver Front Mounting Bracket Installed

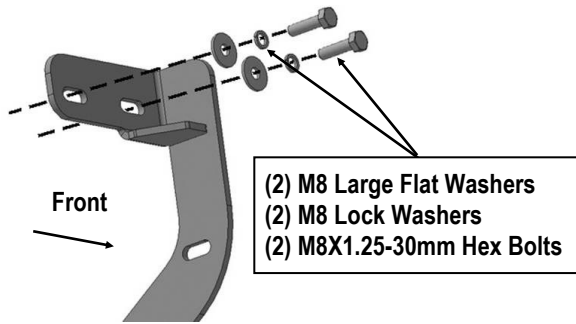
## STEP 3

### Models with factory threaded inserts:

Attach Driver Front Mounting Bracket to the threaded inserts with (2) M8x1.25-30mm Hex Bolts, (2) M8 Lock Washers and (2) M8 Large Flat Washers, (Figs 7 & 8). Do not fully tighten hardware at this time.

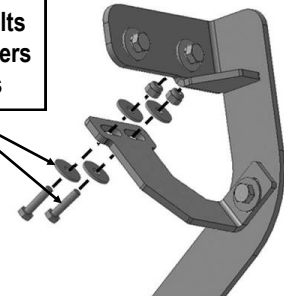


(Fig 7) Driver Side Front Mounting Location mid 15-on (Example of models with factory installed threaded inserts)



(Fig 8) Driver Front Mounting Bracket Installed

(2) M6x1-25mm Hex Bolts  
(4) M6 Large Flat Washers  
(2) M6 Nylon Lock Nuts



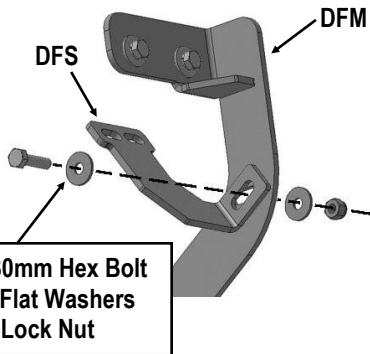
(Fig 10) Driver Side Front Brackets Assembly

## STEP 4

Attach the Driver Front Support Bracket (**DFS/DCS**) to the back side of the Front Mounting Bracket (**DFM/DCM**) with (1) M8X1.25-30mm Hex Bolt, (2) M8 Large Flat Washers and (1) M8 Nylon Lock Nut, (**Fig 9**).

Rotate the Support Bracket to the back of the pinch weld. Attach the Support Bracket to the pinch weld with (2) M6X1-25mm Hex Bolts, (4) M6 Large Flat Washers, (2) M6 Nylon Lock Nuts. (**Figs 10 & 11**). Do not Fully tighten at this time.

**Important:** Some models are not equipped with factory holes and **will require drilling** through the pinch weld to attach the Support Bracket. Do not drill through pinch weld at this time. (**Refer to Step 10**).



(Fig 9) Driver Side Front Brackets Assembly



(Fig 11) Driver Side Front Brackets Installation Completed

## STEP 5

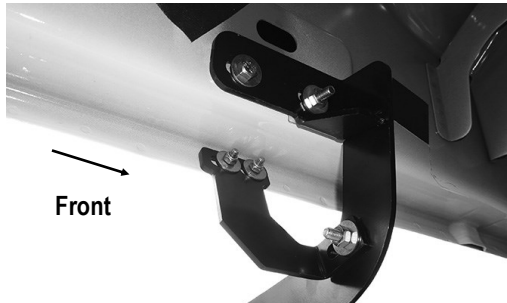
Move to the Driver Side 2nd & 3rd Mounting locations, (**Figs 1B& 1C**). Repeat **Steps 1-4** to install and assemble the Driver Center Mounting Bracket and the Driver Front Support Bracket, (**Figs 12 & 13**).

**Note:** Driver Front & Center Mounting Bracket are universal;  
Driver Front & Center Support Bracket are universal.



(Fig 12) Driver Side 2nd Brackets Installation Completed





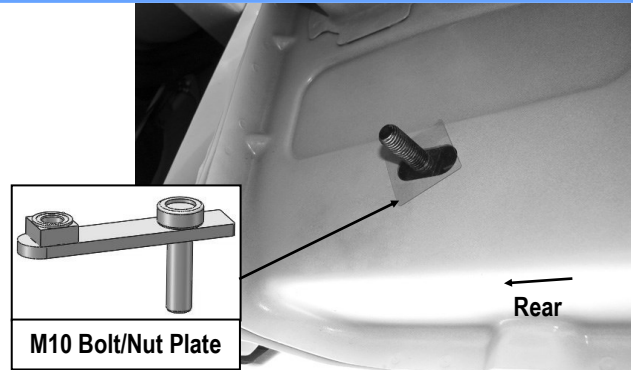
(Fig 13) Driver Side 3rd Brackets Installation Completed

## STEP 6

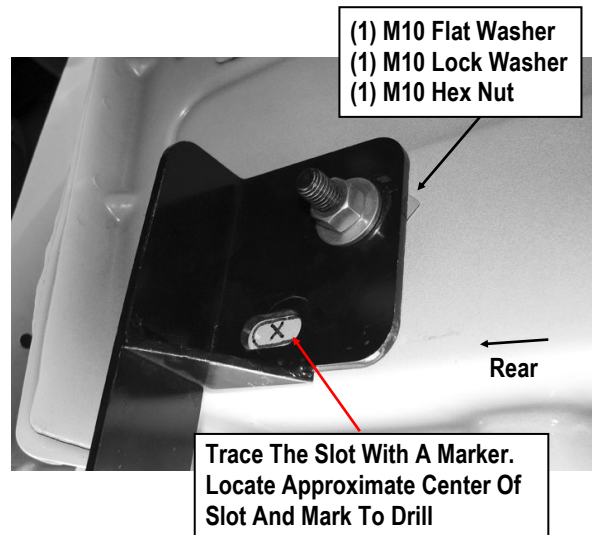
Move to the driver side rear of the vehicle, locate the factory oval hole in the rear corner of the cab, (Fig 14). Partially thread (1) M10 Plastic Washer onto (1) M10 Bolt/Nut Plate. Insert the Bolt/Nut Plate into the hole similar as described in **Step 2**, (Fig 15). Select the Driver Rear Mounting Bracket (DRM), attach the rear Bracket to the Bolt Plate with (1) M10 Flat Washer, (1) M10 Lock Washer and (1) M10 Hex Nut, (Fig 16). Do not fully tighten the hardware at this time.



(Fig 14) Driver Side Rear Mounting Location



(Fig 15) Insert The M10 Bolt/Nut Plate (Try To Keep The Bolt Plate In The Center Of The Slot When Installing The Rear Bracket Only)



(Fig 16) Driver Side Rear Mounting Bracket Installation

## STEP 7

**Optional Rear Bracket Installation** (requires drilling-highly recommended for heavy duty use):

Once **Step 6** has been completed, loosen the Hex Nut on the M10 Bolt/Nut Plate and center the threaded end in the slot in the Bracket and the vehicle, (Fig 17). Trace the open, unused slot in the bracket mounting plate onto the body panel.

Remove the Rear Bracket and M10 Bolt/Nut Plate. Mark the

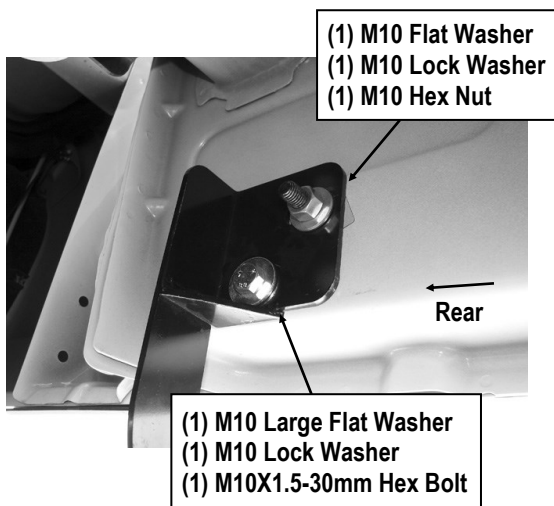


center of the slot. Carefully drill the location with a 7/16" drill bit, (Figs 16 & 17). **IMPORTANT!** Any cutting or drilling tool may break or shatter. Government regulations require safety glasses & equipment at all times when drilling.

Reinstall the M10 Bolt/Nut Plate and Rear Mounting Bracket as previously described in **Step 6**. Rotate the M10 Bolt/Nut Plate around to line up with the drilled hole. Insert (1) M10x1.5-30mm Hex Bolt, (1) M10 Lock Washer and (1) M10 Flat Washer through the Bracket, hole and into the M10 Bolt/10mm Nut Plate, (Fig 18). Do not fully tighten hardware at this time.



(Fig 17) Use A 7/16" Drill Bit To Drill Hole In Center Of Slot As Marked



(Fig 18) Driver Side Rear Mounting Bracket Installation

## STEP 8

Once all (4) mounting brackets are installed, then proceed to the Step Bar installation. According to the style of Step Bar proceed to the correct installation STEPS.

**Note:** Aluminum Step Bar refer to STEP 9; Stainless Steel Step Bar skip to STEP 10.

## STEP 9

### Aluminum Step Bar Installation:

Select a **Aluminum Step Bar**. Slip (4) M6x1-20 Square Head Bolts into each bottom channel (Fig 19). Carefully position the Step Bar onto the (4) Mounting Brackets. **IMPORTANT:** Do not slide the Step Bar on the Brackets or the bottom surface of the board will be damaged.

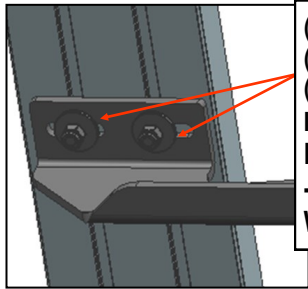
Attach the Running Board to each Mounting Brackets with (2) M6X1-20mm Square Head Bolts, (2) M6 Flat Washers and (2) M6X1 Nylon Lock Nuts (Fig 20). Do not tighten hardware at this time.

Level and adjust the Step Bar and fully tighten all hardware.

Repeat **Steps 1-9** for the other side Step Bar installation.



(Fig 19) Slip M6X1-20mm Square Head Bolts Into The Bottom Channels



(2) M6X1-20mm Square Head Bolts  
(2) M6 Large Flat Washers  
(2) M6X1 Nylon Lock Nuts  
**IMPORTANT: TORQUE FOR 6MM FASTNERS MUST LESS THAN 6-7 FT-LBS OR THE FASTNERS WILL BE DAMAGED!**

(Fig 20) Running Board Installed Onto Mounting Bracket

## STEP 10

### Stainless Steel Step Bar Installation:

Select a **Stainless Steel Step Bar** (with the U-Sliders installed on the Bar). Loose the U-Sliders, reposition the U-Sliders onto the board according to the (4) Installed Mounting Brackets location, (Fig 21). Re-secure the U-Sliders on the Step Bar. Attach the Step Bar to the installed Mounting Brackets with (8) M6X1-20mm Hex Bolts, (8) M6 Large Flat Washers & (8) M6 Lock Washers, (Fig 22). Do not fully tighten hardware at this time.

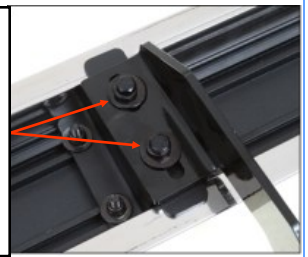
Level and adjust the Step Bar and fully tighten all hardware.

Repeat **Steps 1-8 and 10** for the other side Step Bar installation.



(Fig 21) Slide & line up the U-Slider with the installed mounting brackets along bottom channel

(2) M6X1-20mm Hex Bolts  
(2) M6 Large Flat Washers  
(2) M6 Lock Washers  
**IMPORTANT: TORQUE FOR 6MM FASTNERS MUST LESS THAN 6-7 FT-LBS OR THE FASTNERS WILL BE DAMAGED!**



(Fig 22) Step Bar Installed on Bracket Installed (Example)

## STEP 11

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

- 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.
- 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.
- Attach the Support Bracket to the pinch weld with (2) M6 X1-25mm Hex Bolts, (4) M6 Large Flat Washers, (2) M6 nylon Lock Nuts, (Figs 10 & 11).
- Check for level then fully tighten all hardware.

## STEP 12

Repeat **Steps 1-12** for the other side Running Board installation. The installation is completed.

### 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.**