



iBoard® Series

INSTALLATION INSTRUCTIONS

PART#: IB-003X C&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 IS REQUIRED**

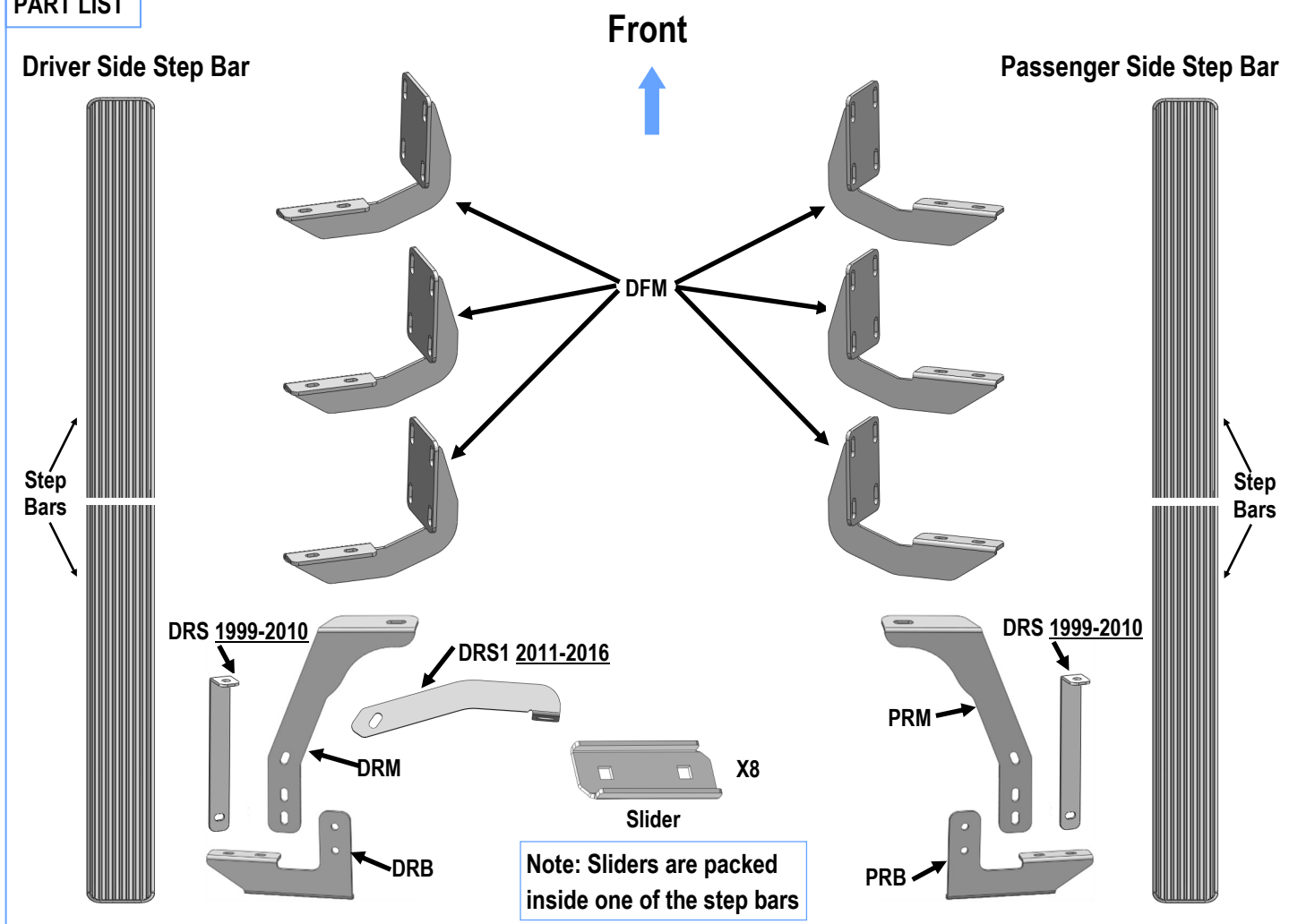
Torque Value

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



Mounting Bracket List			
Item	QTY	Bracket Label	Description
1#	6	DFM	Mounting Bracket for Driver / Passenger Front / Center
2#	1	DRM	Mounting Bracket for Driver Rear
3#	1	PRM	Mounting Bracket for Passenger Rear
4#	1	DRB	Bar Bracket for Driver Rear
5#	1	PRB	Bar Bracket for Passenger Rear
6#	2	DRS	Support Bracket for Driver Rear (1999-2010)
7#	1	DRS1	Support Bracket for Driver Rear 1 (2011-2016)

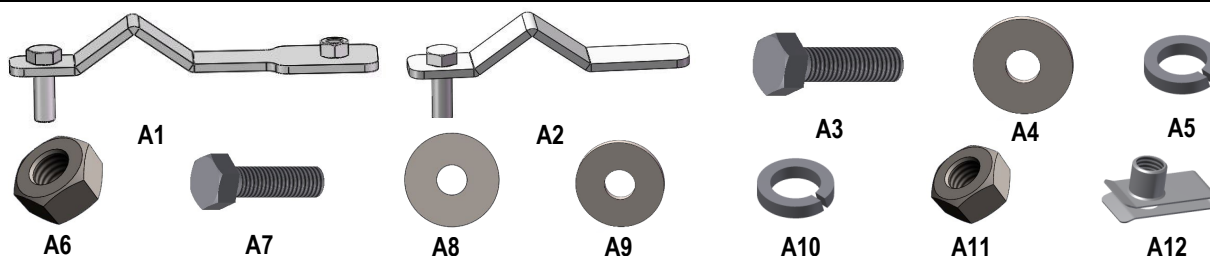
PART LIST





Hardware Package A (For Bracket Installation)

Item	QTY	Description	Item	QTY	Description
A1	2	M12 Bolt/M10 Nut Plates	A7	30	M10X1.5-30mm Hex Bolts
A2	1	M12 Bolt Plates (For Models of 2011-2016)	A8	4	M10 Large Flat Washers
A3	2	M12X1.75-35mm Hex Bolts	A9	48	M10 Flat Washers
A4	4	M12 Flat Washers	A10	30	M10 Lock Washers
A5	3	M12 Lock Washers	A11	18	M10 Hex Nuts
A6	3	M12 Hex Nuts	A12	10	M10 Clip Nuts



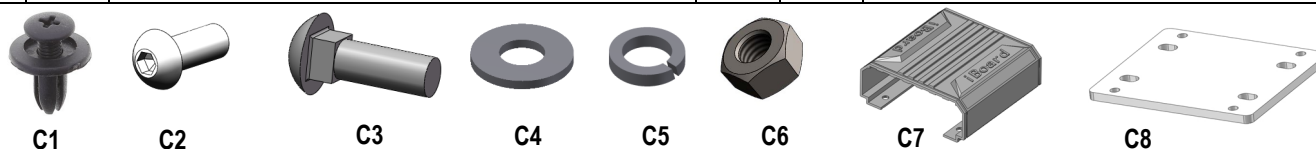
Hardware Package B (For Stainless Steel Step Bar Installation)

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			



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)





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)

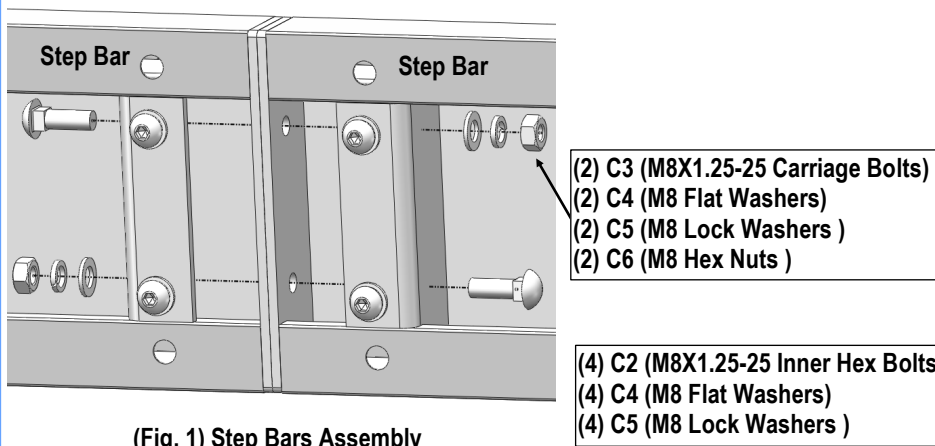
NOTE: (4) Step Bars are universal.

2. Attach (1) C8 (Back Plate) to the bottom of the installed (2) Step Bars (**Fig. 2**) with:

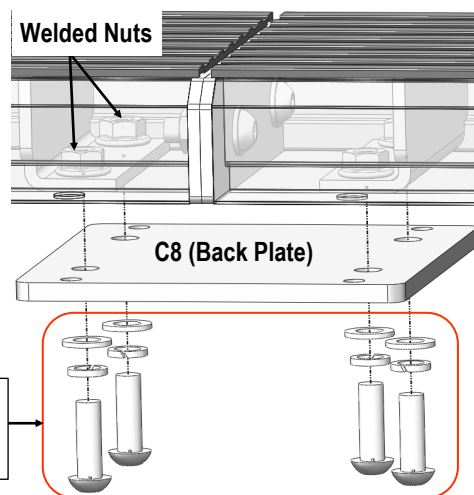
- (4) C2 (M8X1.25-25mm Inner Hex Bolts)
- (4) C4 (M8 Flat Washers)
- (4) C5 (M8 Lock Washers)

3. Install (1) C7 (Plastic Cover) to cover the joint of (2) Step bars with (4) C1 (Plastic Rivets), (**Fig. 3**).

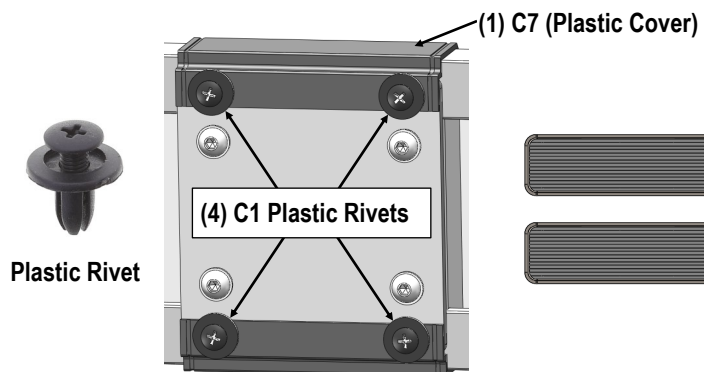
4. Repeat to assemble the other (2) Step Bars.



(Fig. 1) Step Bars Assembly



(Fig. 2) Back Plate Installation



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

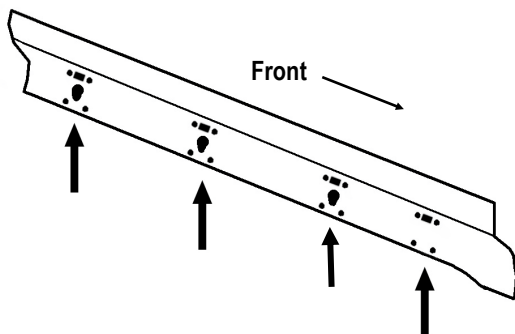


Assembled Step Bars

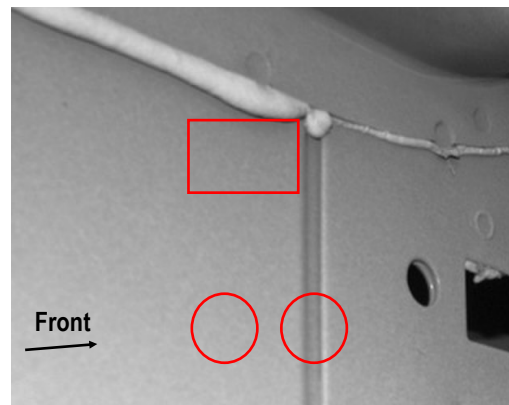


STEP 2: Locate Driver Front & Center Mounting Locations

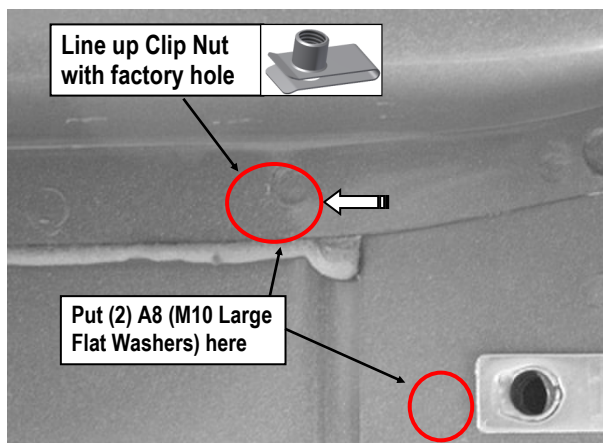
- Locate the (4) pairs of factory holes in the pinch weld under the rocker panel, (Fig. 4).
NOTE: Mounting locations may be covered with tape or undercoating.
- Remove tape and/or undercoating as necessary to ensure that Brackets are attached directly to the body panels.
- Locate (1) small round hole and (1) rectangular in the body panel and (2) holes in the pinch weld on the driver front mounting location, (Fig. 5).
- Insert (1) A12 (M10 Clip Nut) into the rectangular opening and line up the threaded hole in the Clip with the round hole next to the opening (Fig. 6). **NOTE: Threaded nut must go towards the inside of the body panel.**
- Repeat to install (2) A12 (M10 Clip Nuts) to driver center & center rear mounting locations (Fig. 7).



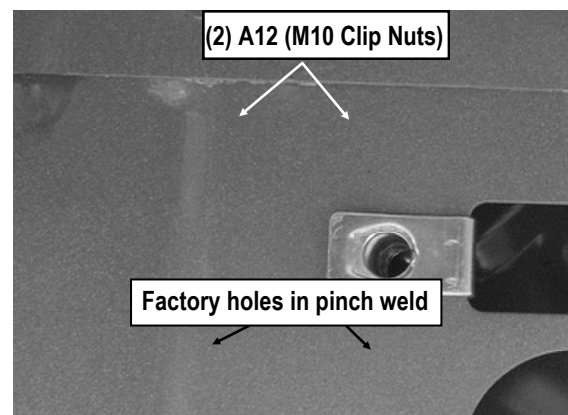
(Fig. 4) Driver Side Mounting Locations



(Fig. 5) Driver Side Front Mounting Location



(Fig. 6) Insert (1) A12 (M10 Clip Nut)



(Fig. 7) Driver Side Center Mounting Location (Typical)

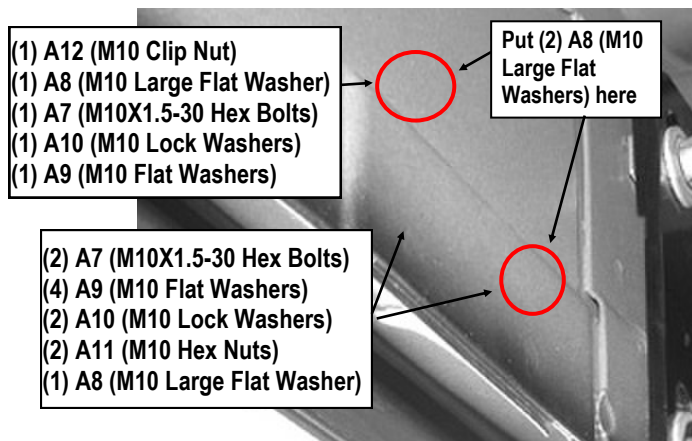


STEP 3: Install Driver Front & Center Mounting Brackets

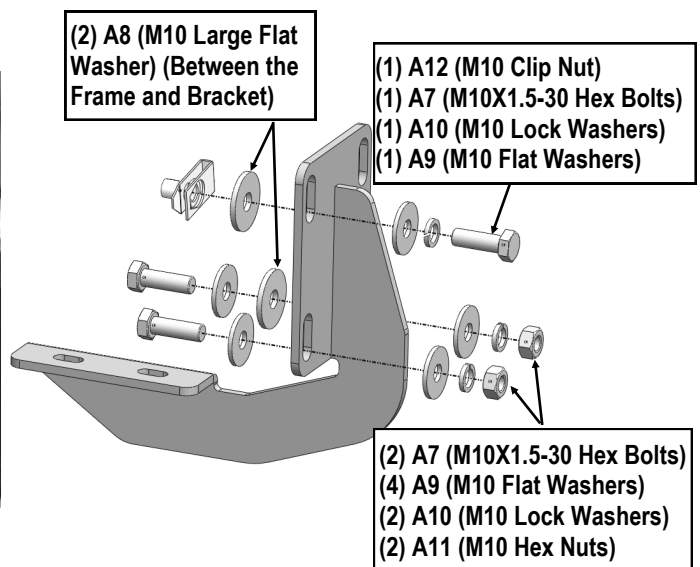
- Select (1) **DFM**. Insert (1) A7 (M10X1.5-30 Hex Bolt), (1) A10 (M10 Lock Washer) and (1) A9 (M10 Flat Washers) through the top hole of Mounting Bracket, (1) A8 (M10 Large Flat Washer) into the Clip Nut. Do not fully tighten hardware at this time.
- Bolt the bottom of the Bracket to the pinch weld with the (2) A7 (M10X1.5-30 Hex Bolts), (2) A10 (M10 Lock Washers), (4) A9 (M10 Flat Washers) and (2) A11 (M10 Hex Nuts), (**Figs. 9 & 10**).

NOTE: Insert Hex Bolts in from the outside, through the pinch weld and then the Bracket.

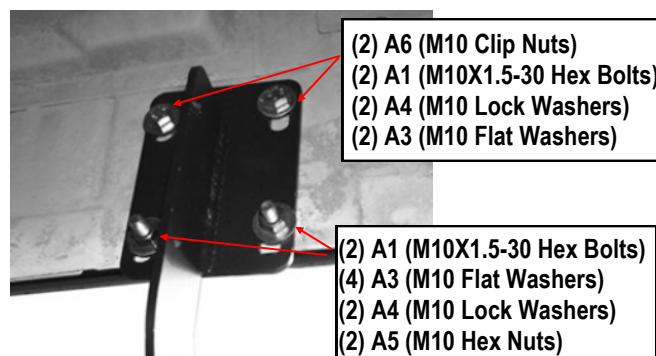
- Put the other A8 (M10 Large Flat Washer) against the pinch weld, (**Figs. 9 & 10**).
- Attach (1) **DFM** to the installed M10 Clip Nut with (1) A7 (M10X1.5-30 Hex Bolt), (1) A10 (M10 Lock Washer) and (1) A9 (M10 Flat Washer); to the pinch weld with (1) A7 (M10X1.5-30 Hex Bolt), (1) A10 (M10 Lock Washer), (2) A9 (M10 Flat Washers) and (1) A11 (M10 Hex Nut). Do not fully tighten hardware at this time. Repeat this step for the other center mounting Brackets (**Fig. 11**). **Note: (3) DFMs are universal.**



(Fig. 9) Driver Side Front Mounting Bracket Installed



(Fig. 10) Driver Side Front Mounting Bracket Installation



(Fig. 11) Driver Center Mounting Bracket (DFM) Installed

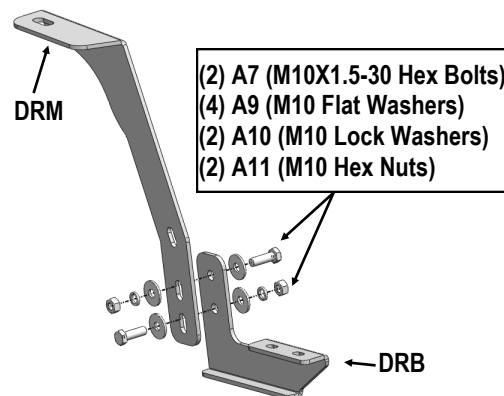


STEP 4: Driver Rear Mounting Bracket Assembly

Assemble (1) Driver Rear Mounting Bracket (**DRM**) and (1) Driver Rear Bar Bracket (**DRB**) with (**Fig. 12**). :

- (2) A7 (M10X1.5-30mm Hex Bolts)
- (2) A10 (M10 Lock Washers)
- (4) A9 (M10 Flat Washers)
- (2) A11 (M10 Hex Nuts)

Do not fully tighten hardware at this time.



(Fig. 12) Driver Rear Brackets Assembly

STEP 5: Install Driver Rear Mounting Bracket

Select the correct procedure for installing the assembled Driver Rear Bracket under the bed:

1999-2010 Driver side Rear Bracket assembly:

- a. Locate the square reinforcing tube welded to the bottom of the bed above and in front of the rear tire. Select (1) A1 (M12 Bolt/ M10 Nut Plate). Hold the Bolt/Nut Plate upside-down against the bottom of the tube with the M12 Bolt inserted into the oval hole, (**Fig 13**). Mark the location of the Nut onto the bottom of the tube. Drill the location with a 7/16" Drill Bit.
- b. Insert the Bolt/Nut Plate into the tube with the M12 Bolt out through the factory hole, (**Fig 14**). Line up the M10 Nut with the drilled hole in the tube.
- c. Select the assembled Driver Rear Bracket, (**Fig 12**). Attach the Bracket to the M12 Bolt on the Bolt/Nut Plate with (1) A4 (M12 Flat Washer), (1) A5 (M12 Lock Washer) and (1) A6 (M12 Hex Nut), (**Fig 14**). Do not fully tighten hardware at this time.
- d. Select the Driver Rear Support Bracket (**DRS**) 1999-2010. Bolt the Bracket to the bottom of the tube and the M10 Nut on the Bolt/Nut Plate with (1) A7 (M10X1.5-30 Hex Bolt), (1) A10 (M10 Lock Washer) and (1) A9 (M10 Flat Washer), (**Figs 14 & 15**). Attach the lower end of the Support Bracket to the front side of the Mounting Bracket with (1) A7 (M10X1.5-30 Hex Bolt), (2) A9 (M10 Flat Washers), (1) A10 (M10 Lock Washer) and (1) A11 (M10 Hex Nut), (**Fig 14**). Do not fully tighten hardware at this time.

1999-2016 Passenger side Rear Bracket assembly:

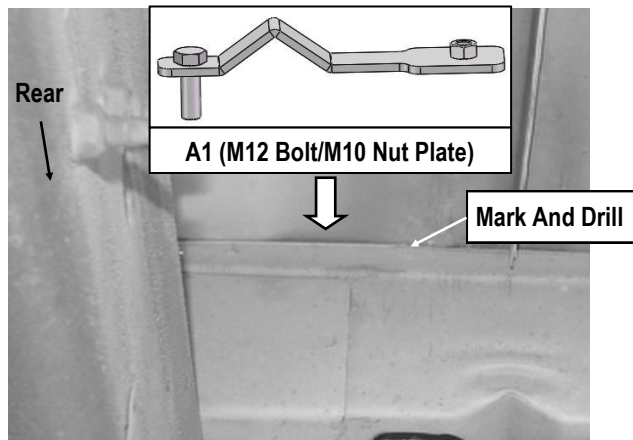
Repeat the previous 1999-2010 driver side procedure (**Steps 7a—d**) for 1999-2016 passenger side rear bed bracket installation. Once completed, skip to **Step 8**.

2011-2016 Driver side only rear Bracket assembly:

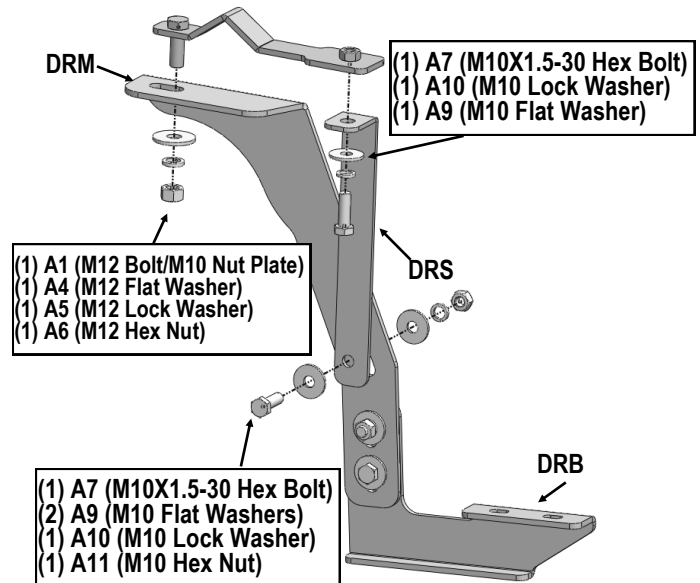
- a. Release the plastic vent tube from the factory bracket, (**Fig 16**). Remove the plastic bracket from the square tube welded to the bottom of the bed. Insert the M12 Bolt Plate into the end of the tube and out the factory hole in the bottom, (**Fig 17**). Reinstall the plastic bracket and vent tube, (**Fig 18**).
- b. Select the assembled Driver Rear Bracket, (**Fig 12**). Attach the Bracket to the M12 Bolt on the Bolt Plate with (1) A4 (M12 Flat



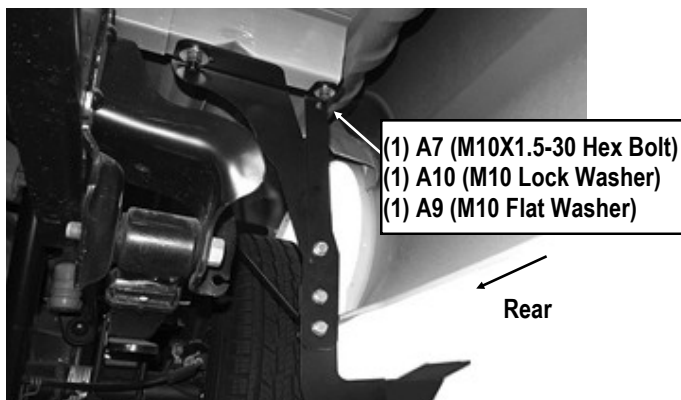
- Washer), (1) A5 (M12 Lock Washer) and (1) A6 (M12 Hex Nut), (**Fig. 19**). Do not fully tighten hardware at this time.
- c. Select the Driver Rear Support Bracket 1 (**DRS1**) 2011-2016. Attach the 90-deg bent end of the Support Bracket to the hole in the top of the leaf spring bracket with (1) A3 (M12X1.75-35 Hex Bolt), (2) A4 (M12 Flat Washers), (1) A5 (M12 Lock Washer) and (1) A6 (M12 Hex Nut), (**Fig. 19 & 20**). Bolt the flat end of the Bracket to the Driver Rear Mounting Bracket with (1) A7 (M10X1.5-30 Hex Bolt), (2) A9 (M10 Flat Washers), (1) A10 (M10 Lock Washer) and (1) A11 (M10 Hex Nut), (**Fig. 19**). Do not fully tighten hardware at this time.



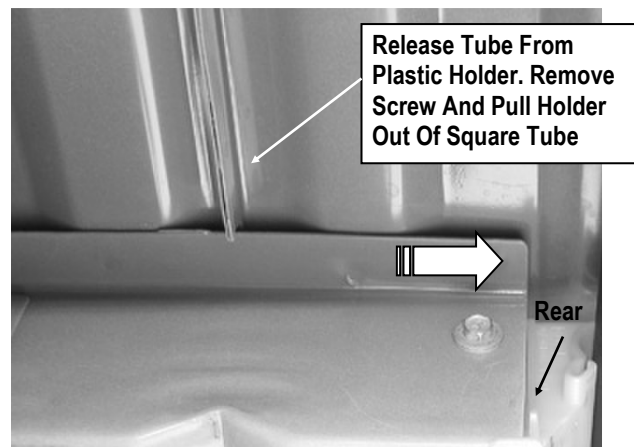
(Fig. 13) Driver Side Rear Bracket Mounting Location (1999-2010)



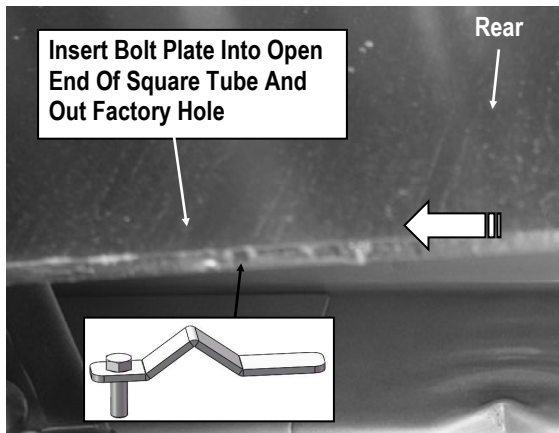
(Fig. 14) Driver Side Rear Bracket Installation (1999-2010)



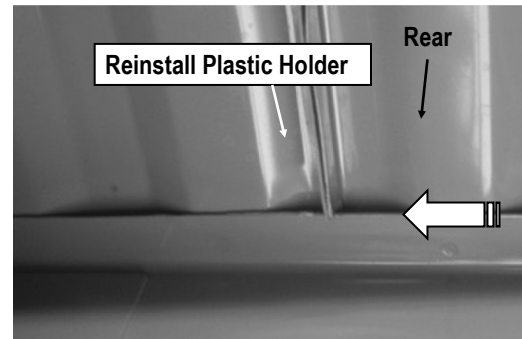
(Fig. 15) Driver Side Rear Bracket Completely Installed
(1999-2010)



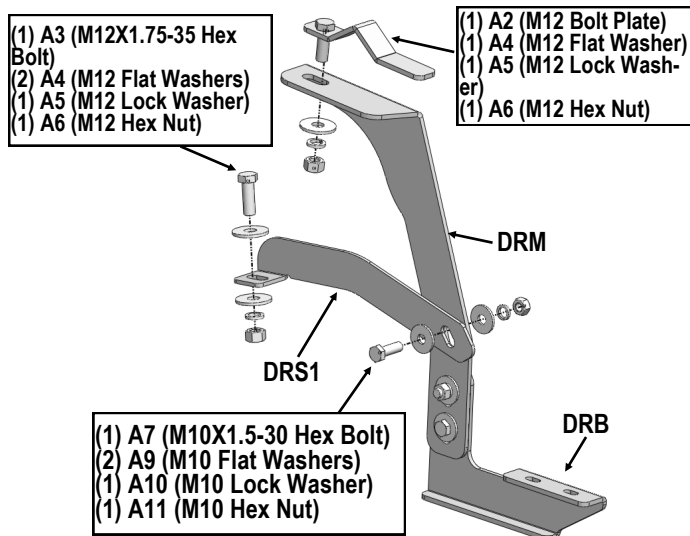
(Fig. 16) Driver Side Rear Bracket Mounting Location (2011-2016)



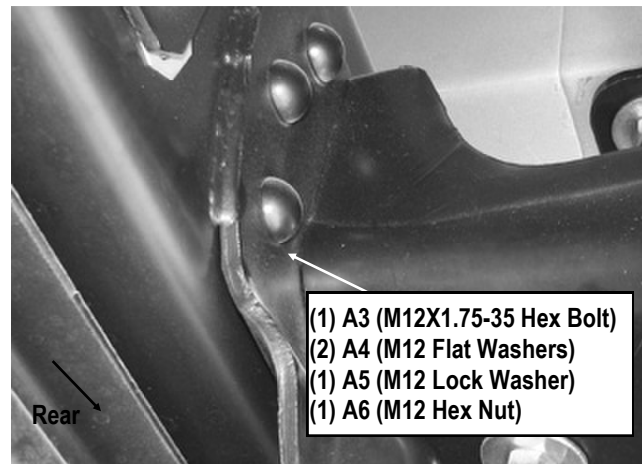
(Fig. 17) Driver Side Rear Bracket Mounting Location (2011-2016)



(Fig. 18) Driver Side Rear Bracket Mounting Location (2011-2016)



(Fig. 19) Driver Side Rear Bracket Installation (2011-2016)



(Fig. 20) Driver Side Rear Bracket Completely Installed (2011-2016)



STEP 6: Install Driver Side Step Bar

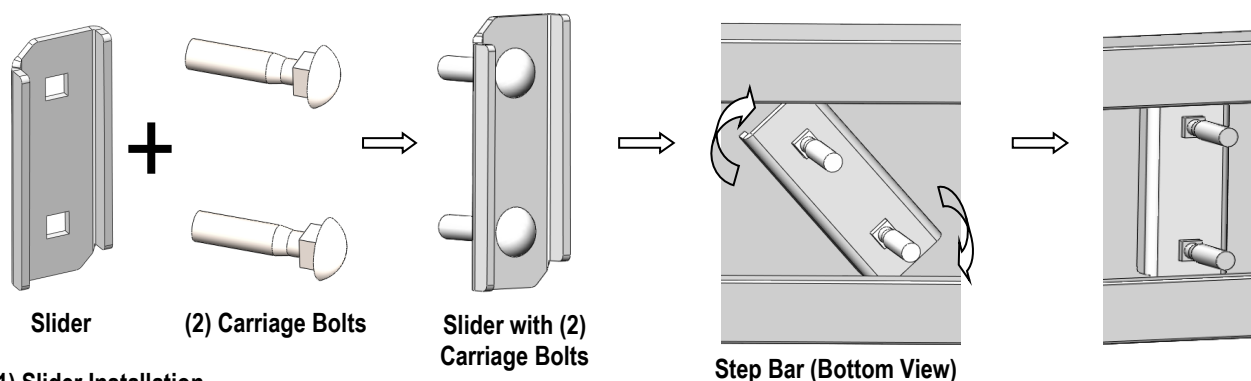
Once all (4) Driver side mounting brackets are installed, then proceed to the Step Bar installation. (Figs. 21 & 22)

- (1) Select (1) B4 (Slider) and (2) B1 (M8X1.25-35 Carriage Bolts);
- (2) Install (2) B1 (M8X1.25-35mm Carriage Bolts) in (1) B4 (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 by using (Fig. 22):
 - (8) B2 (M8 Large Flat Washers)
 - (8) B3 (M8 Nylon Lock Nuts)
 - (4) B4 (Sliders)

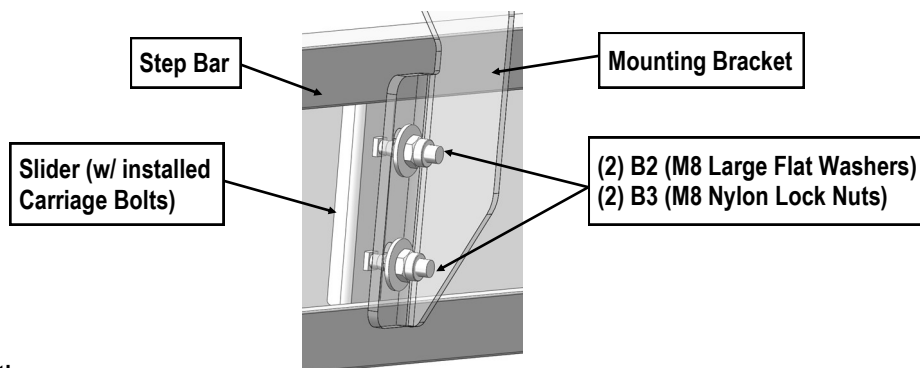
• **Do not fully tighten hardware at this time.**

Note: The Sliders are packed with the Step Bars.

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



(Fig. 21) Slider Installation



(Fig. 22) Step Bar Installation



STEP 7: Driver Side Step Bar Adjustment

- Level and adjust the assembled Step Bar properly.
- Tighten all 8mm hardware with 16-18 ft-lbs torque and 10mm hardware with 31-32 ft-lbs torque, 12mm hardware with 56-58 ft-lbs.

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

Perform periodic inspections of the installation to ensure that all hardware is secure and properly tightened.

In order to protect your bars/boards, please use mild soap/non-abrasive products for cleaning only.