

iBoard IB-004 Running Boards Nerf Bars Steps



# iBoard IB-004 Running Boards Nerf Bars Steps Installation Guide

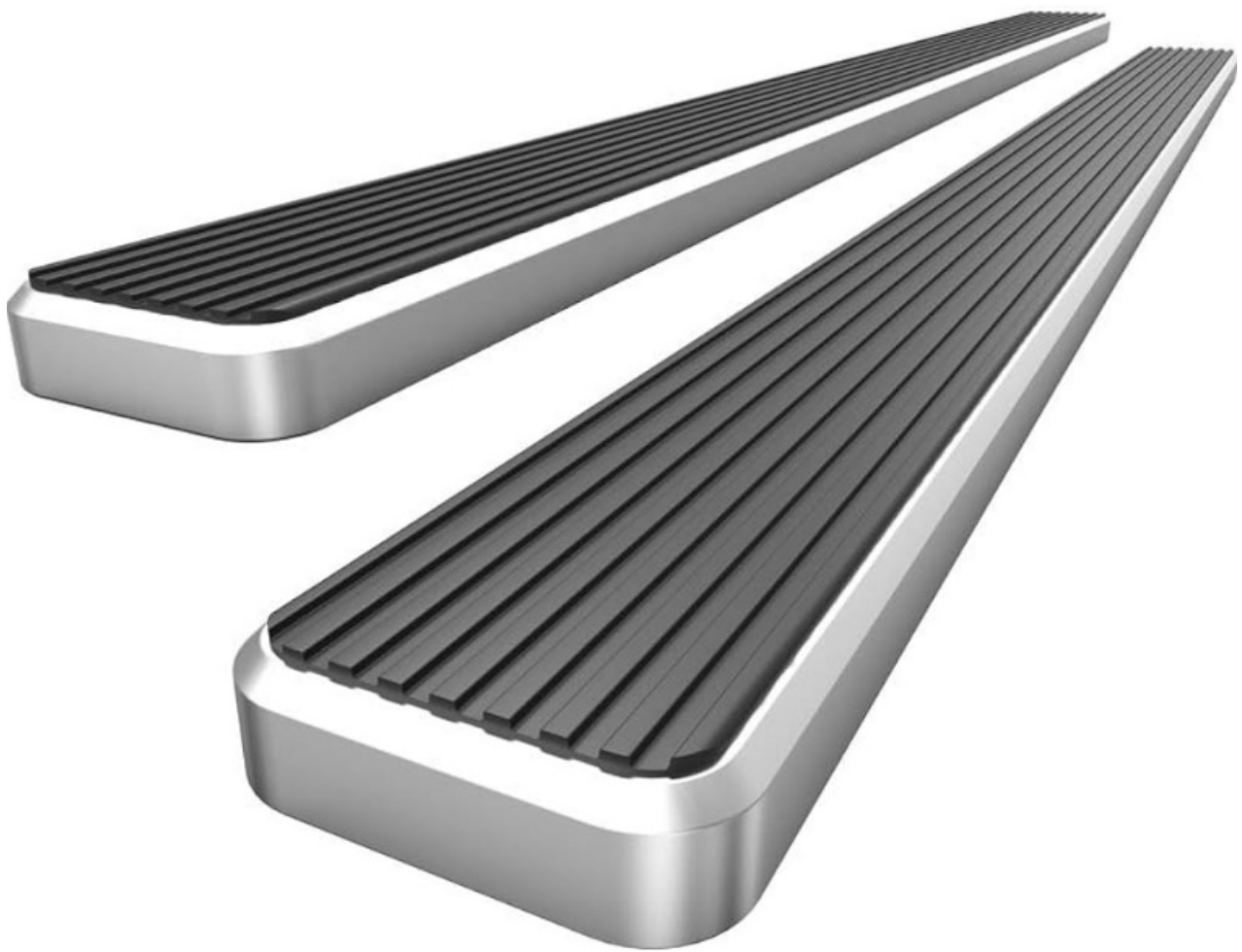
[Home](#) » [iBoard](#) » iBoard IB-004 Running Boards Nerf Bars Steps Installation Guide 

## Contents

- [1 iBoard IB-004 Running Boards Nerf Bars Steps](#)
- [2 Specifications](#)
- [3 FAQ](#)
- [4 BEFORE STARTING INSTALLATION](#)
- [5 PART LIST](#)
- [6 Installation Instructions](#)
- [7 Documents / Resources](#)
  - [7.1 References](#)

# iBoard®

**iBoard IB-004 Running Boards Nerf Bars Steps**



## Specifications

- **Part Number:** IB-004[L,S] C&H
- **Fastener Sizes:** 6mm, 8mm, 10mm, 12mm, 14mm
- **Tightening Torque (ft-lbs):**
  - 6-7 for 6mm
  - 16-18 for 8mm
  - 31-32 for 10mm
  - 56-58 for 12mm
  - 92-94 for 14mm

## FAQ

### Frequently Asked Questions

- **Q:** Is drilling required for installation?
  - **A:** No, drilling is not required as this product is designed for body frame mounting without drilling.
- **Q:** What should I do if any parts are missing?
  - **A:** If any parts are missing, please contact customer support at [info@iboardauto.com](mailto:info@iboardauto.com) for assistance in acquiring the necessary parts.
- **Q:** What is the recommended torque for tightening the fasteners?
  - **A:** The recommended tightening torque values are provided in the specifications section of the user manual. Ensure to follow these torque values during installation for proper assembly and secure fit.

## BEFORE STARTING INSTALLATION

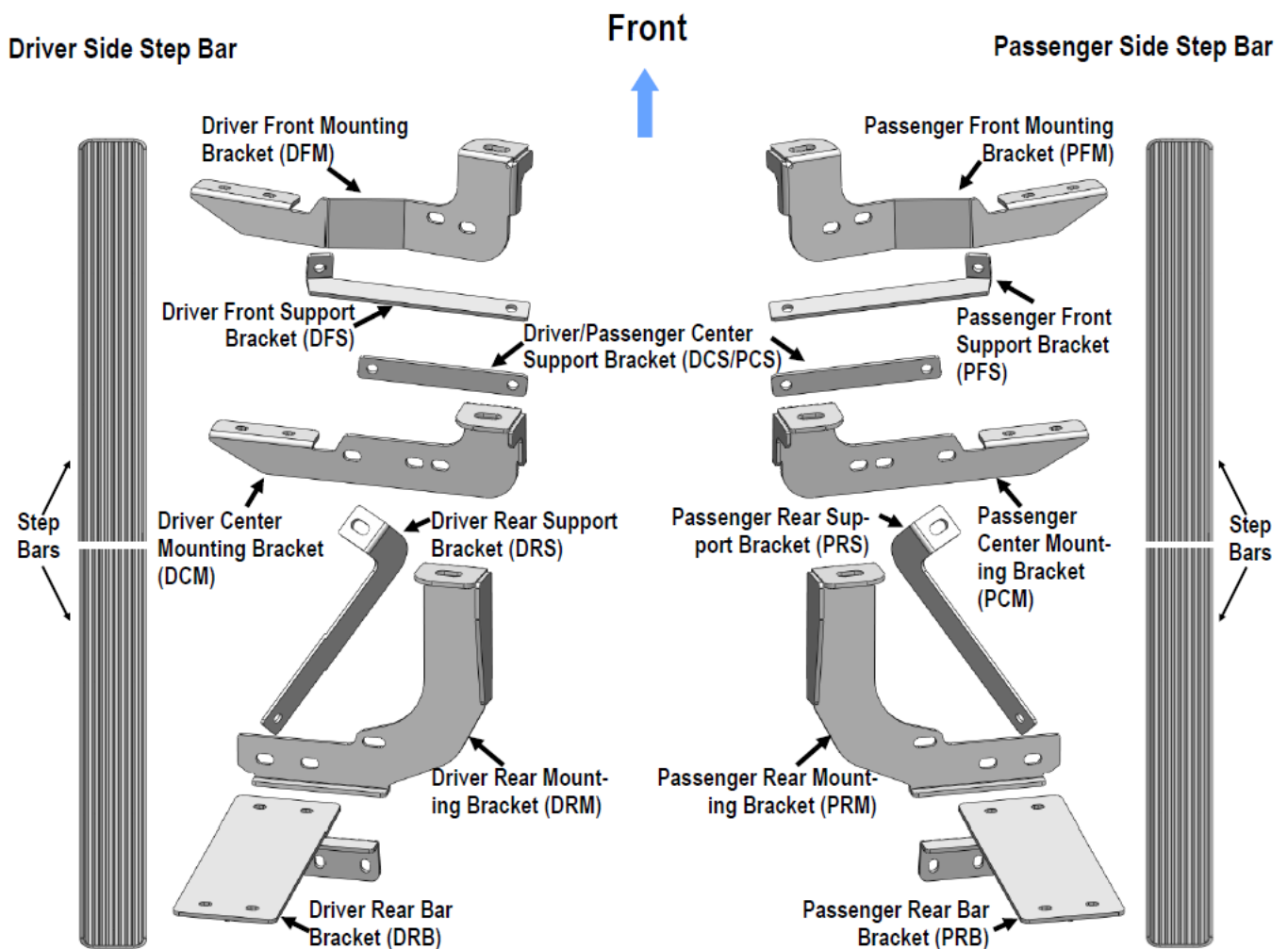
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT. ASSISTANCE IS RECOMMENDED.

\*BODY FRAME MOUNT

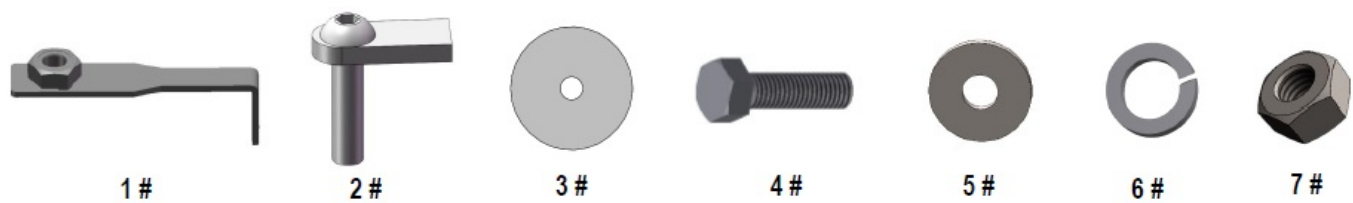
\*NO DRILLING REQUIRED

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

## PART LIST



Hardware Package A (For Bracket Installation)



Item	Qty	Description	Item	Qty	Description
1#	2	M10 Nut Plates	5#	28	M10 Flat Washers
2#	2	M10X30 Bolt Plates	6#	16	M10 Lock Washers
3#	2	M10 Plastic Washers	7#	14	M10 Hex Nuts
4#	14	M10X1.5-30mm Hex Bolts			

Hardware Package B (For Stainless Steel Step Bar Installation)



Item	Qty	Description	Item	Qty	Description
1#	16	M8X1.25-35mm Carriage Bolts	3#	16	M8 Nylon Lock Nuts
2#	16	M8 Large Flat Washers	4#	8	Sliders (Packed with Step Bars)

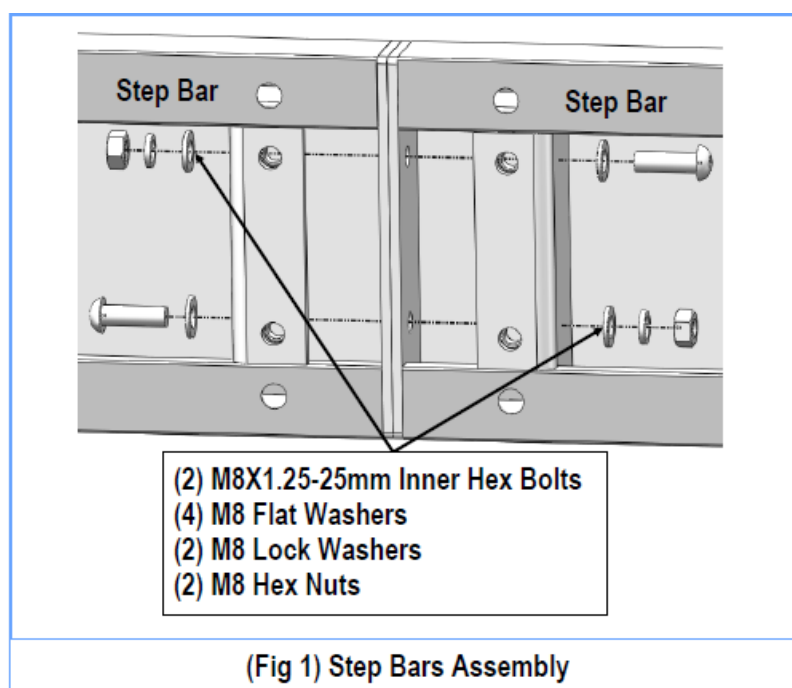
Hardware Package C (For Stainless Steel Step Bar Assembly)

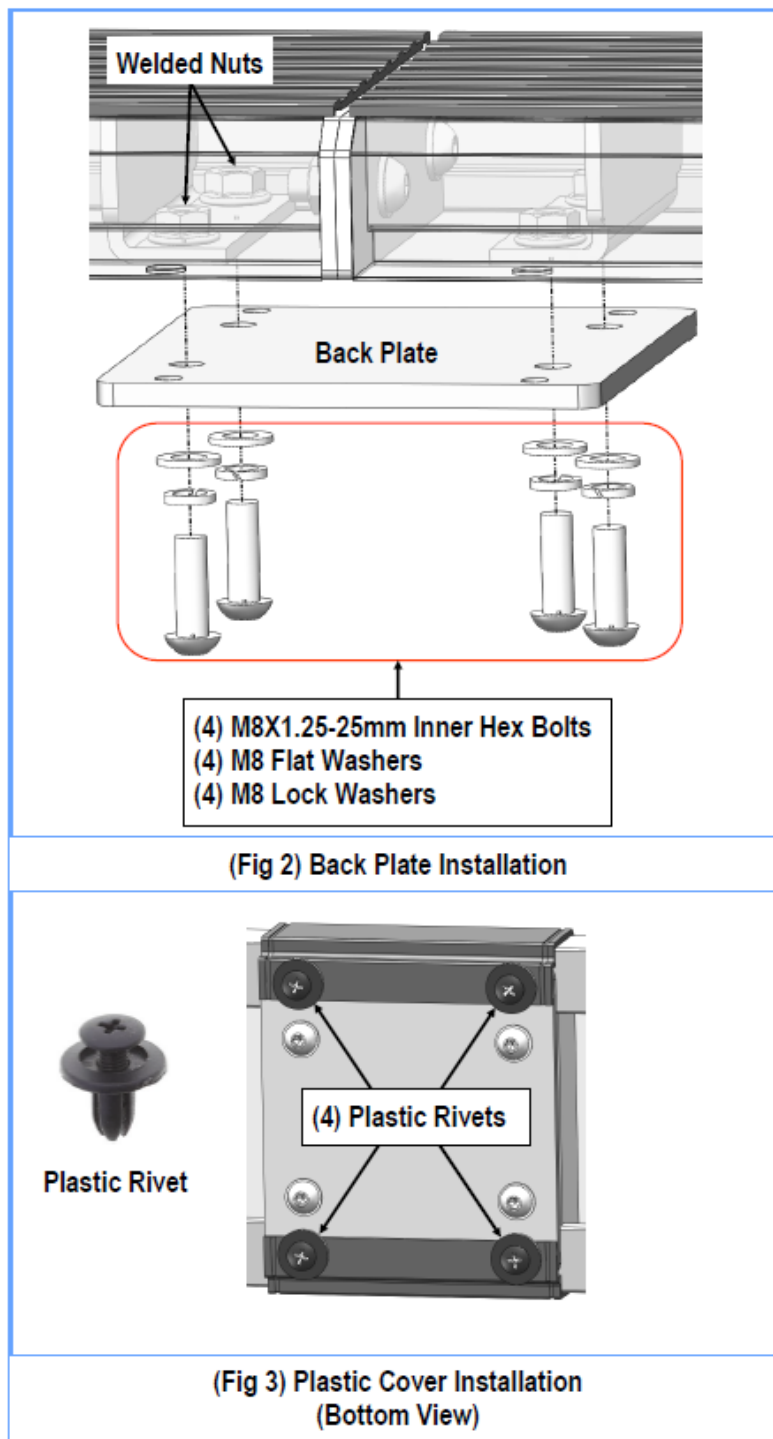


Item	Qty	Description	Item	Qty	Description
1#	8	Plastic Rivets	5#	4	M8 Hex Nuts
2#	12	M8X1.25-25mm Inner Hex Bolts	6#	2	Plastic Covers (Packed with Step Bars)
3#	16	M8 Flat Washers	7#	2	Back Plates (Packed with Step Bars)
4#	12	M8 Lock Washers			

## Installation Instructions

### STEP 1: Step Bar Assembly:





1. Select and assemble (2) Step Bars with (2) M8X1.25-25mm Inner Hex Bolts, (4) M8 Flat Washers, (2) M8 Lock Washers and (2) M8 Hex Nuts, (Fig 1). NOTE: (4) Step Bars are universal.
2. Attach (1) Back Plate to the bottom of the installed (2) Step Bars with (4) M8X1.25-25mm Inner Hex Bolts, (4) M8 Flat Washers, (4) M8 Lock Washers, (Fig 2).
3. Install (1) Plastic Cover to cover the joint of (2) Step bars with (4) Plastic Rivets, (Fig 3).
4. Repeat to assemble the other (2) Step Bars.

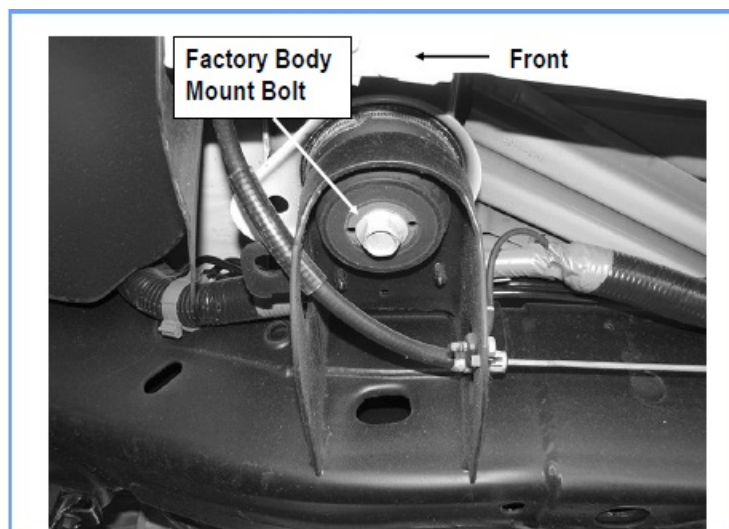
### Assembled Step Bars



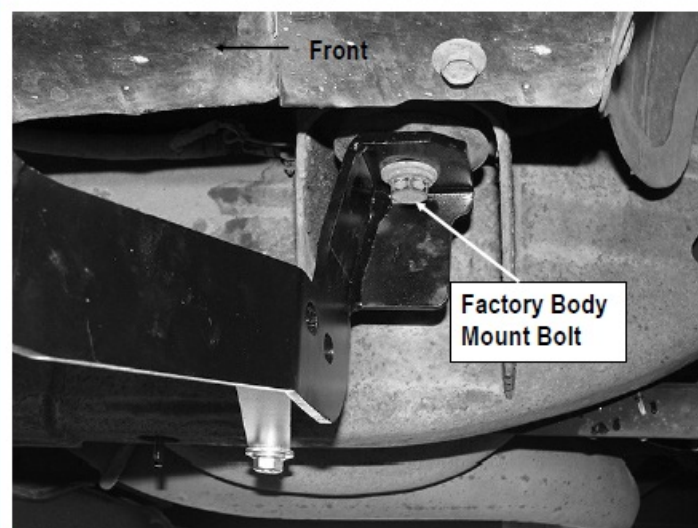
## STEP 2

- Start the installation from the passenger side of the vehicle. Remove the front body mount bolt, (Fig 4). Do not remove rub-ber bushings.

## STEP 3



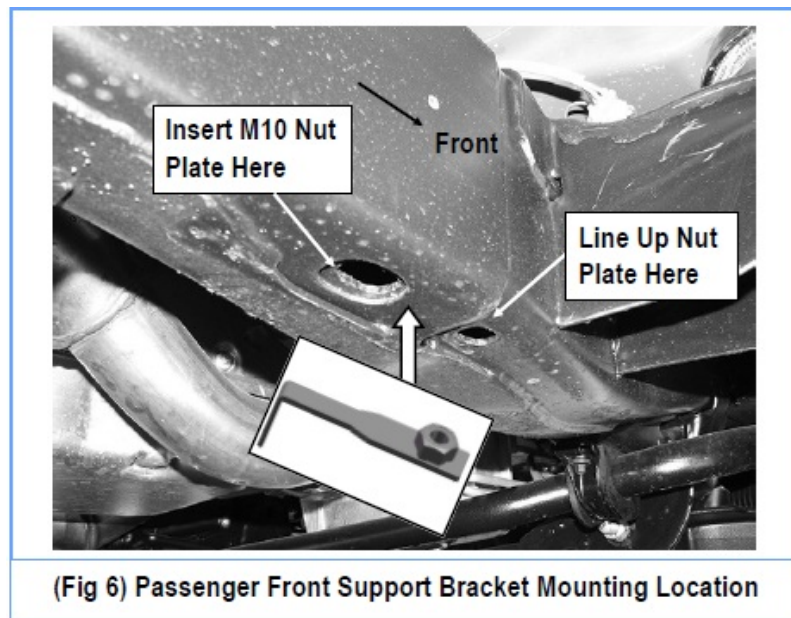
(Fig 4) Passenger Side Front Mounting Location



(Fig 5) Passenger Front Mounting Bracket Installed

- Attach the Passenger Front Mounting Bracket (PFM) to the body mount reusing the factory hex bolt, (Figs 4 & 5). Do not tighten hardware at this time.

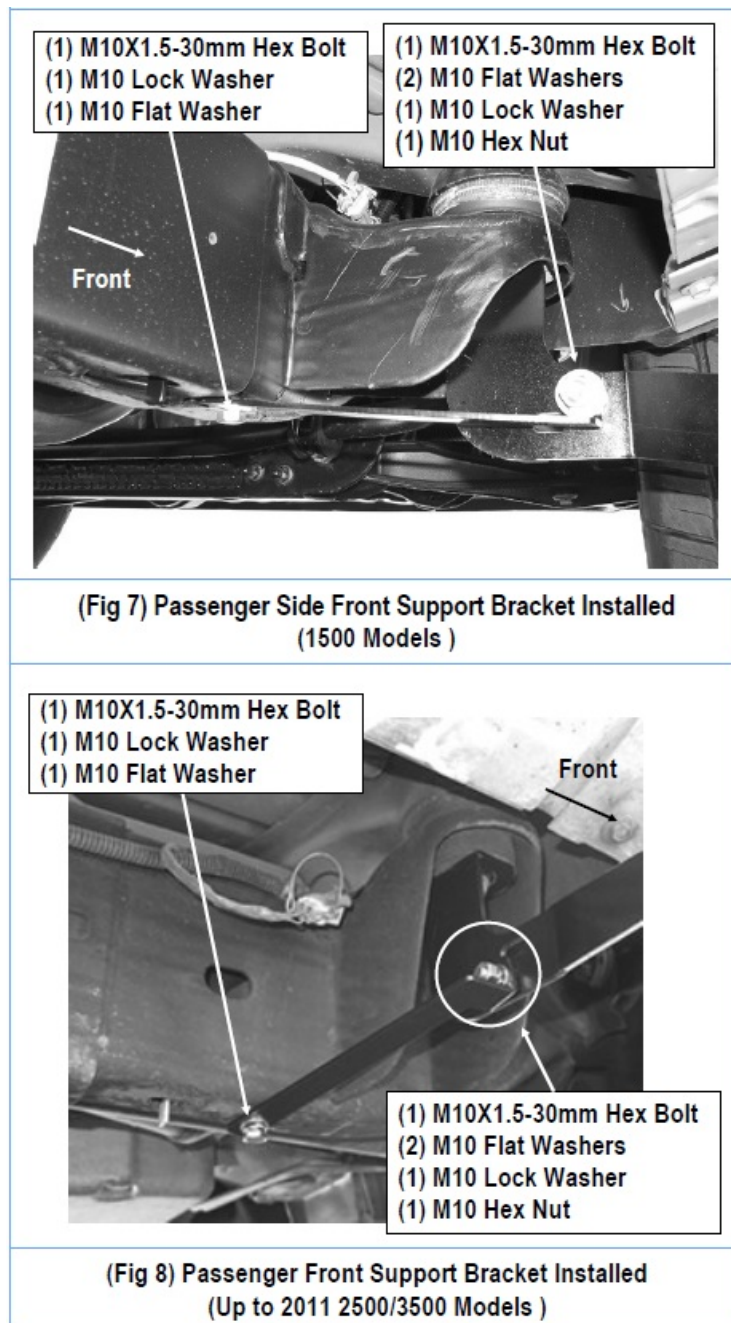
## STEP 4



- Locate the (2) factory holes in the bottom of the frame towards the front of the vehicle, (Fig 6). Insert (1) M10 Nut Plate into the oval hole and line up the threaded nut with the forward round hole, (Fig 6).
  - **NOTE:** M10 Nut Plate and Support Brackets are not required on 2011-Up 2500/3500 models.

## STEP 5





Attach the flat end of the Passenger Front Support Bracket (PFS) to the M10 Nut Plate with (1) M10X1.5-30mm Hex Bolt, (1) M10 Lock Washer and (1) M10 Flat Washer, (Figs 7 & 8). Do not fully tighten hardware at this time.

#### 1500 Models:

- Attach the bent end of the Support Bracket onto the Passenger Front Mounting Bracket with (1) M10X1.5-30mm Hex Bolt, (2) M10 Flat Washers, (1) M10 Lock Washer and (1) M10 Hex Nut, (Fig 7). Do not fully tighten hardware at this time.

#### Up to 2010 2500/3500 Models:

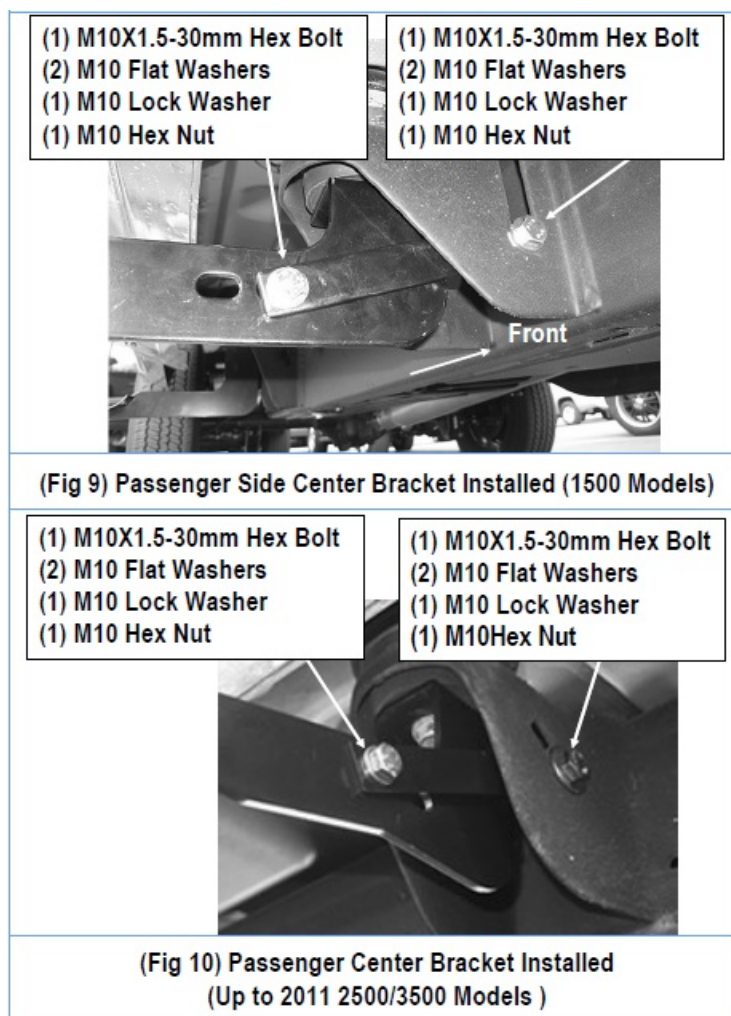
- Note that the Front Support Bracket will not reach up to the Mounting Bracket, (Fig 8). Tighten the Support Bracket to the Nut Plate in the frame. Carefully push up on the Support Bracket until it reaches the inside hole in the Mounting Bracket.
- Bolt the Support Bracket to the hole in the Mounting Bracket with (1) M10X1.5-30mm Hex Bolt, (2) M10 Flat

Washers, (1) M10 Lock Washer and (1) M10 Hex Nut, (Fig 8). Do not fully tighten at this time.

## Note

- Support Bracket not required on 2011-Up 2500/3500 Models.

## STEP 6

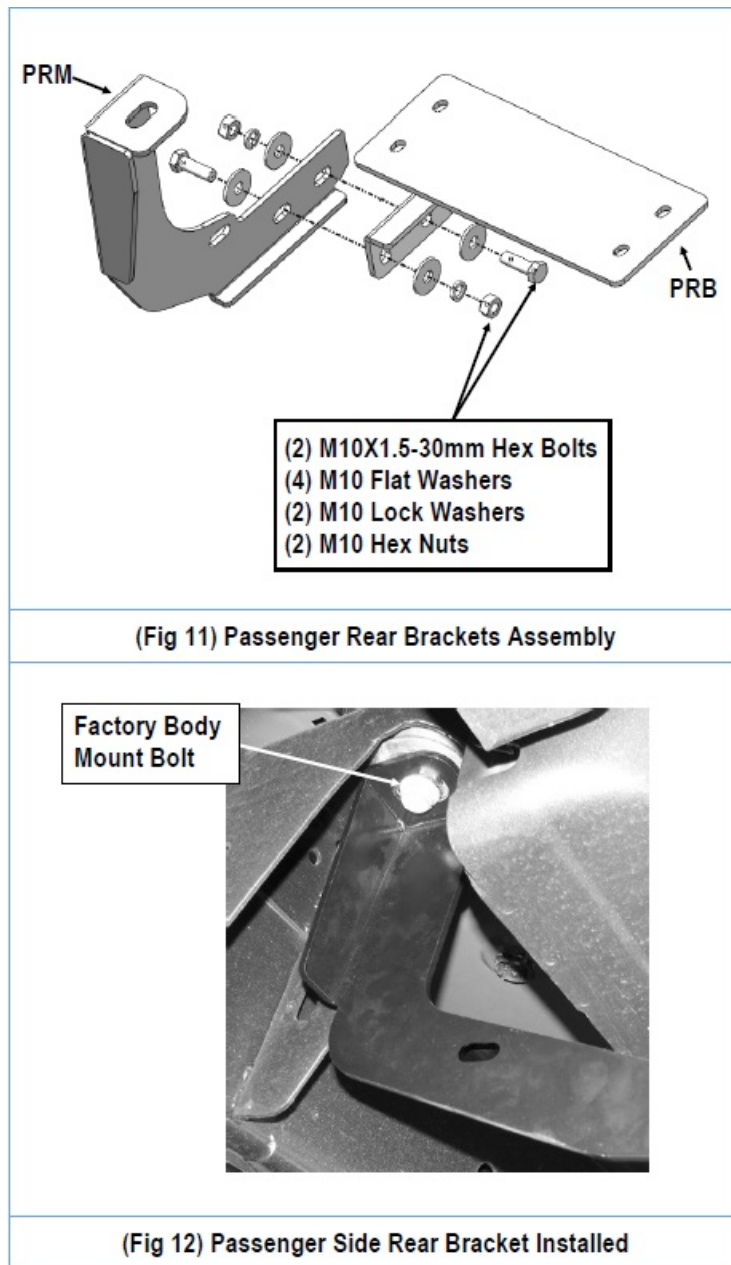


- Move to the center body mount and remove the factory bolt. Select the Passenger Side Center Mounting Bracket. Repeat Steps 2-3 to attach the Passenger Center Mounting Bracket.
- Next, select (1) Passenger Center Support Bracket. Note the two different sizes of mounting holes in the Support Bracket. Slide the end of the Center Support Bracket with the larger mounting hole between the factory body mount and the center Bracket, (Figs 9 & 10).
- Attach the Support Bracket to the holes in the side of the body mount and the mounting bracket with (2) M10X1.5-30mm Hex Bolts, (2) M10 Large Flat Washers, (2) M10 Flat Washers, (2) M10 Lock Washers and (2) M10 Hex Nuts. Do not fully tighten at this time.

## IMPORTANT

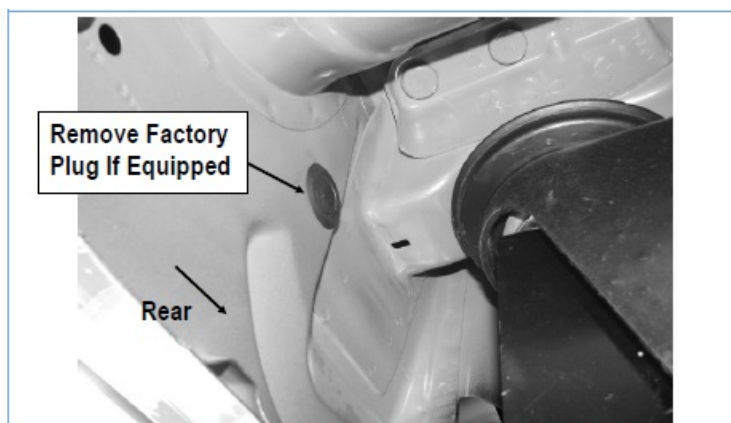
- Center Support Brackets are not required on 2011—Up 2500/3500 Models.

## STEP 7

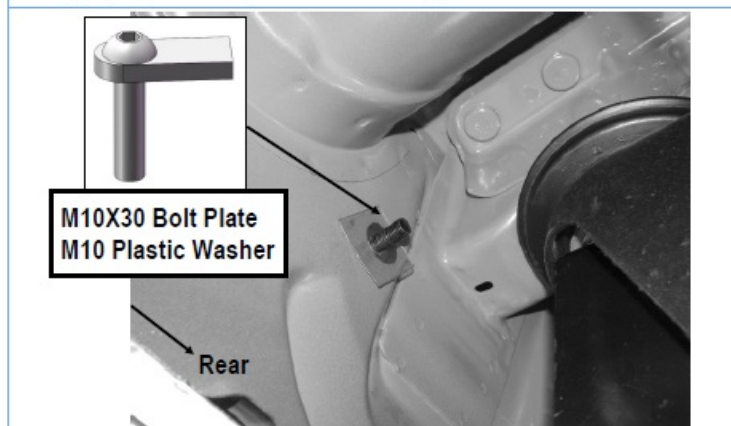


- Move to the passenger side rear location. Assemble (1) Passenger Rear Mounting Bracket (PRM) and (1) Passenger Rear Bar Bracket (PRB) with (2) M10X1.5-30mm Hex Bolts, (2) M10 Lock Washers, (4) M10 Flat Washers and (2) M10 Hex Nuts, (Fig 11).
- Do not fully tighten hardware at this time.
- Repeat Steps 1-2 to install the assembled Passenger Rear Bracket, (Fig 12).

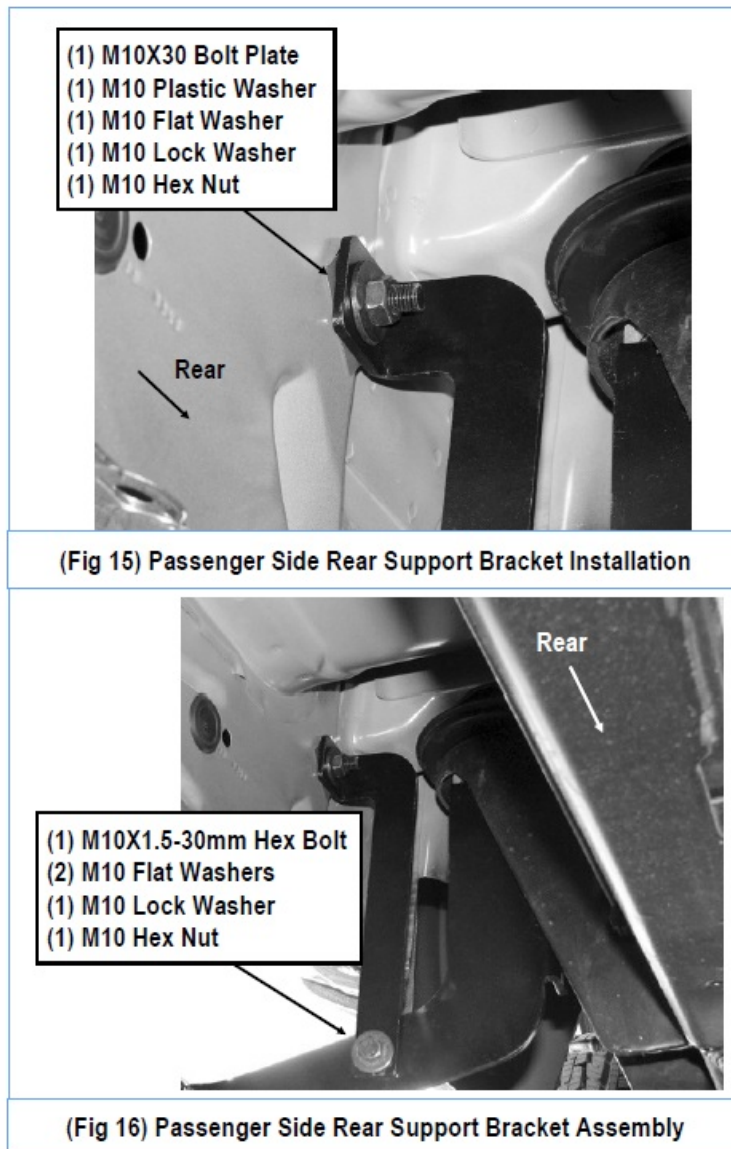
## STEP 8



(Fig 13) Passenger Side Rear Support Bracket Location



(Fig 14) Insert The M10X30 Bolt Plate

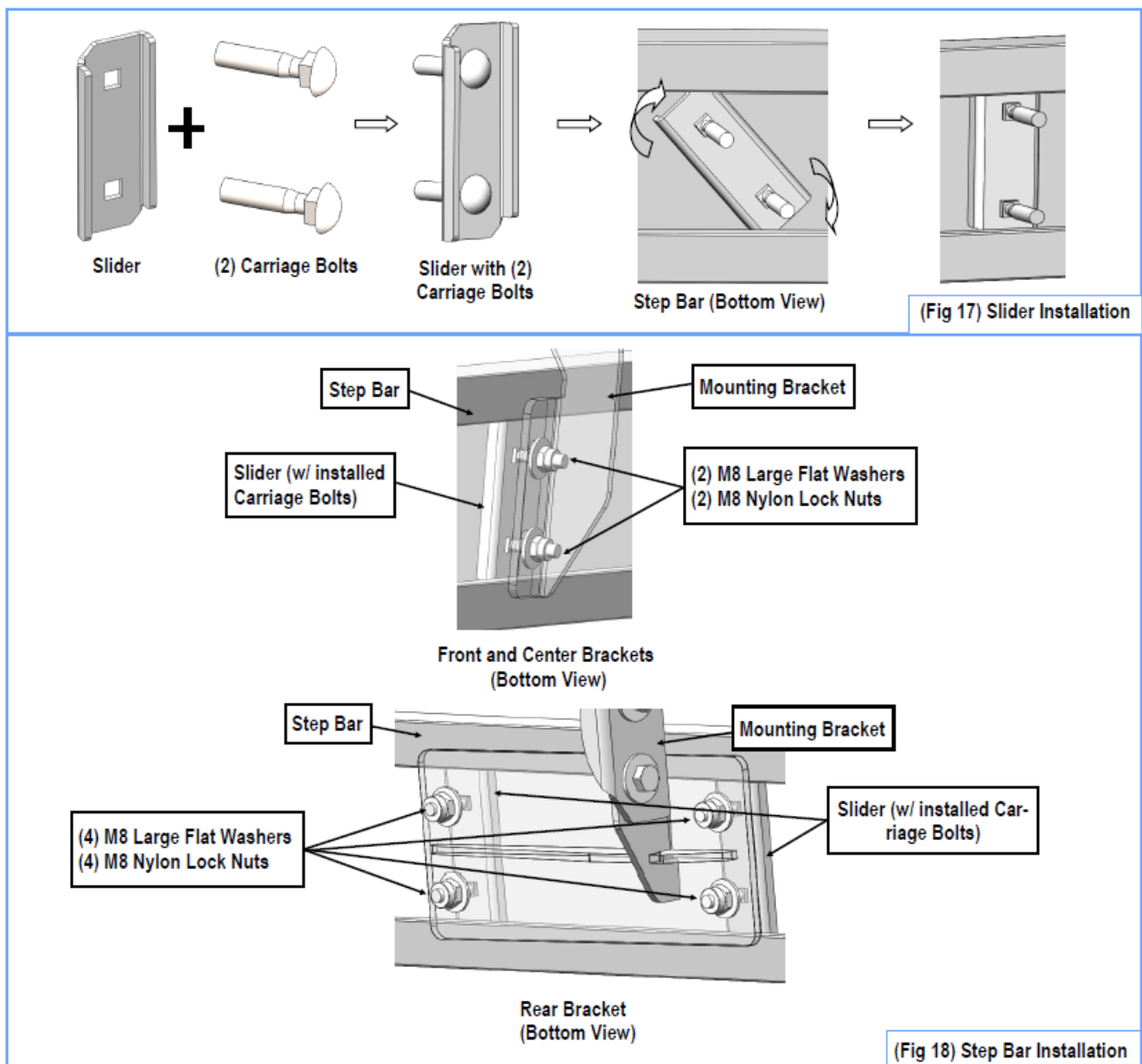


- Locate the factory hole in the side of the body panel towards the rear of the vehicle. Remove the rubber plug, (Fig 13). Thread (1) M10 Plastic Washer part way onto (1) M10X30 Bolt Plate. Insert the Bolt Plate into the hole and thread the Plastic Washer down until it is tight against the body panel, (Fig 14).
  - **IMPORTANT:** The Plastic Washer is designed to prevent the Bolt Plate from falling into the body cavity and to aid in installing the Support Bracket.
- Attach the Passenger Rear Support Bracket (PRS) to the Bolt Plate with (1) M10 Flat Washer, (1) M10 Lock Washer and (1) M10 Hex Nut, (Fig 15). Bolt the lower end of the Support Bracket to the front of the Rear Mounting Bracket with (1) M10X1.5-30mm Hex Bolt, (2) M10 Flat Washers, (1) M10 Lock Washer and (1) M10 Hex Nut, (Fig 16). Do not fully tighten at this time.

## STEP 9

Once all (3) Passenger side mounting brackets are installed, then proceed to the Step Bar installation. (Figs 17 & 18)





1. Select (1) Slider and (2) M8X1.25-35mm Carriage Bolts;
2. Install (2) 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 (2) 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 (8) M8 Large Flat Washers and (8) M8 Nylon Lock Nuts and (4) Sliders, (Fig 18). 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.

Repeat Steps 2-9 for the other side Step Bar 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.

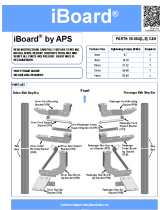
Customer Support: [info@iboardauto.com](mailto:info@iboardauto.com)

## Scan for Installation Video



---

## Documents / Resources

	<p><a href="#">iBoard IB-004 Running Boards Nerf Bars Steps</a> [pdf] Installation Guide IB-004 Running Boards Nerf Bars Steps, IB-004, Running Boards Nerf Bars Steps, Boards Nerf Bars Steps, Nerf Bars Steps, Bars Steps</p>
--	---

## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.