



Running Board

Part No. RBW10B



Fits: 2009-2018

Dodge Ram 1500 Crew Cab
(Incl. 2019-Current Ram 1500 Classic)

2010-Current

Dodge Ram 2500/3500/4500/5500 Crew Cab



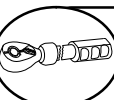
Excl. Chassis Cab Diesel Models.



REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT.



READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.



DO NOT OVER TORQUE. STANDARD OPERATING LOAD FOR TIGHTEN BODY MOUNT NUTS & BOLTS VARIES FROM 45 TO 65 FOOT POUND.



60-180 min



CUTTING NOT
REQUIRED



DRILLING
REQUIRED



support@trailfx.com



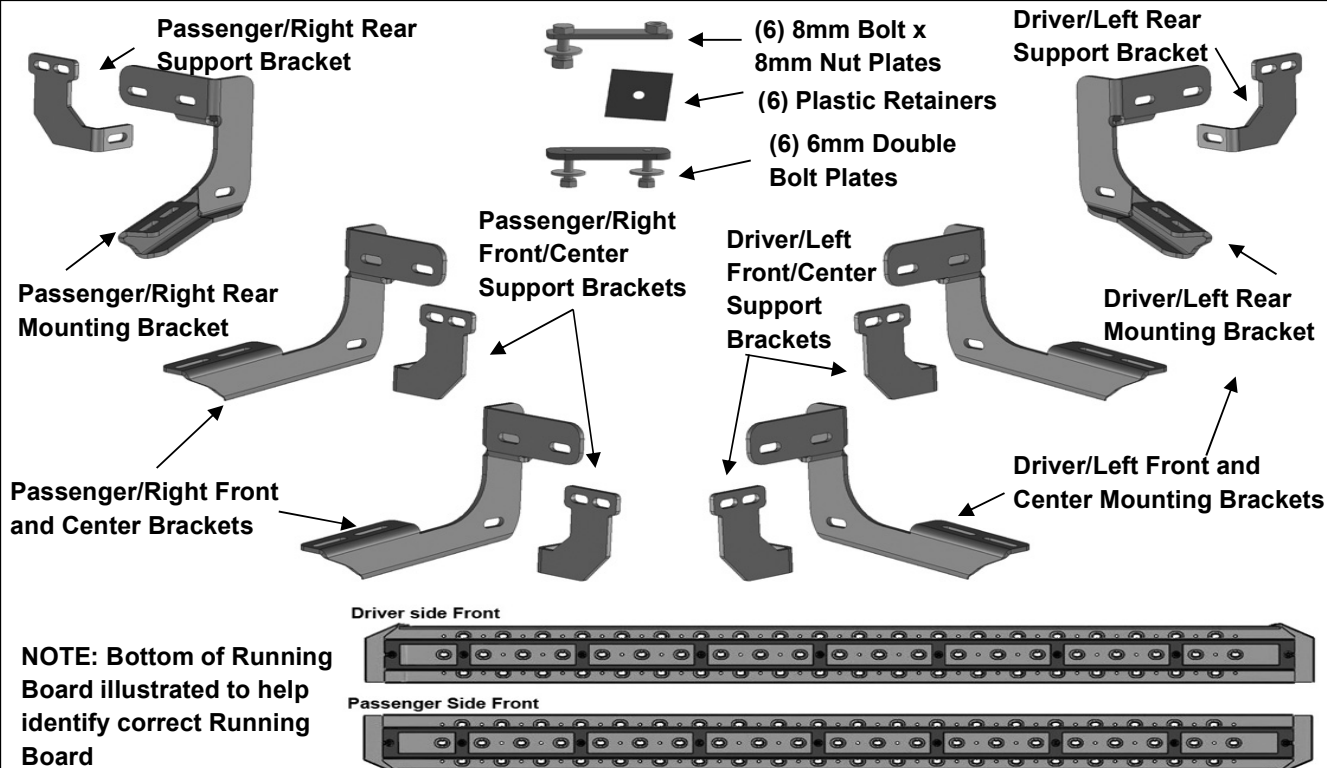
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POLISHED STAINLESS STEEL - LIMITED LIFETIME
POWDER COATED BLACK - 3 YEARS

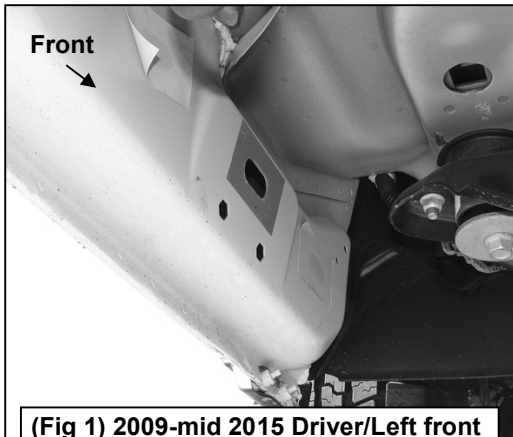
PARTS LIST:

Qty	Part Description	Qty	Part Description
1	Driver/left Rattler Running Board	24	8mm x 24mm x 2mm Flat Washers
1	Passenger/right Rattler Running Board	12	8mm Lock Washers
2	Driver/left Front and Center Mounting Brackets	6	8mm Hex Nuts
2	Passenger/right Front and Center Mounting Brackets	6	8mm Nylon Lock Nuts
1	Driver/left Rear Mounting Bracket	6	6mm Double Bolt Plates
1	Passenger/right Rear Mounting Bracket	12	6mm x 25mm Hex Bolts
3	Support Brackets (DS Front/Center & PS Rear)	36	6mm x 22mm x 2mm Flat Washers
3	Support Brackets (PS Front/Center & DS Rear)	12	6mm Lock Washers
6	8mm Nut/Bolt Plates	12	6mm Nylon Lock Nuts
6	8mm Plastic Retainers	12	6mm Hex Nuts
18	8mm-1.25 x 30 Hex Bolts		



PROCEDURE:

1. **DRILLING MAY BE REQUIRED.**
2. Starting at the driver side-front of the vehicle, remove the sealing tape covering the factory holes in the side of the inner panel (**Figure 1**).

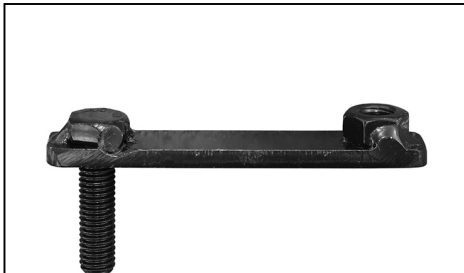


(Fig 1) 2009-mid 2015 Driver/Left front mounting location (No factory holes in pinch weld 2009-2012 models)

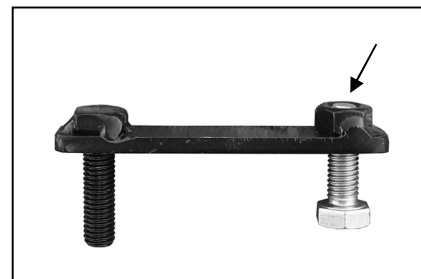
3. Determine the correct procedure to attach the driver side front Bracket for your model/year:

Models without factory threaded inserts in body panel:

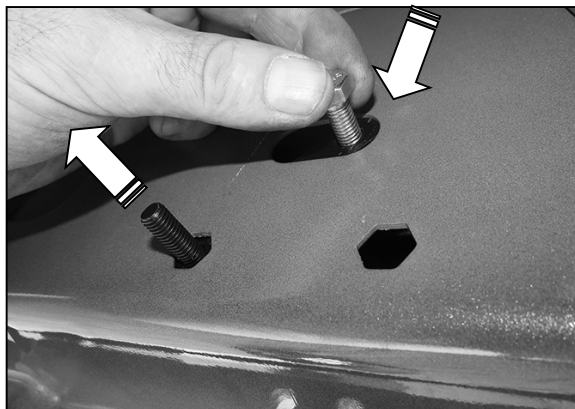
- a. Partially thread an 8mm Hex Bolt into the threaded end of an 8mm Bolt and Nut Plate, (**Figure 2**). Thread the Hex Bolt in until it is flush with the welded nut, (**Figure 3**). Use the Hex Bolt as a handle and insert the Bolt and Nut Plate into the oval hole, (**Figure 4**). Feed the threaded bolt on the Bolt Plate through one of the hex shaped factory holes. Thread (1) 8mm Plastic Retainer onto the threaded end and down tight against the body panel, (**Figure 5**). **NOTE:** The Retainer is designed to keep the Bolt/Nut Plate from falling into the body panel and to aid in Bracket installation.



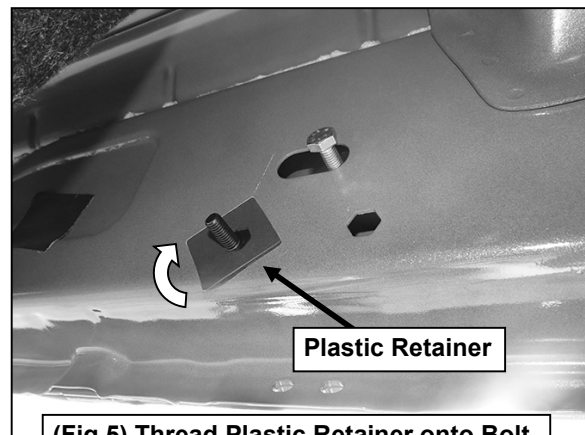
(Fig 2) 8mm Bolt-8mm Nut Plate, **NOTE:** 8mm Bolt-Nut Plate is not required on models with threaded inserts



(Fig 3) Thread (1) 8mm Hex Bolt into the nut on the plate. Stop when bolt reaches end of nut as pictured

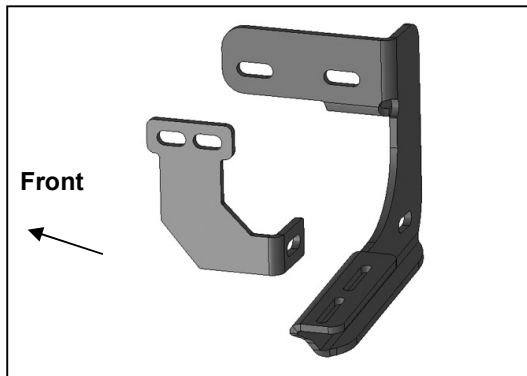


(Fig 4) Use the loose Hex Bolt as a handle. Insert the Bolt Plate into the oval hole and feed the threaded end out either factory hex shaped hole. **IMPORTANT:** Do not let go of the hex bolt until after Plastic Retainer has been threaded onto bolt (Fig 5)

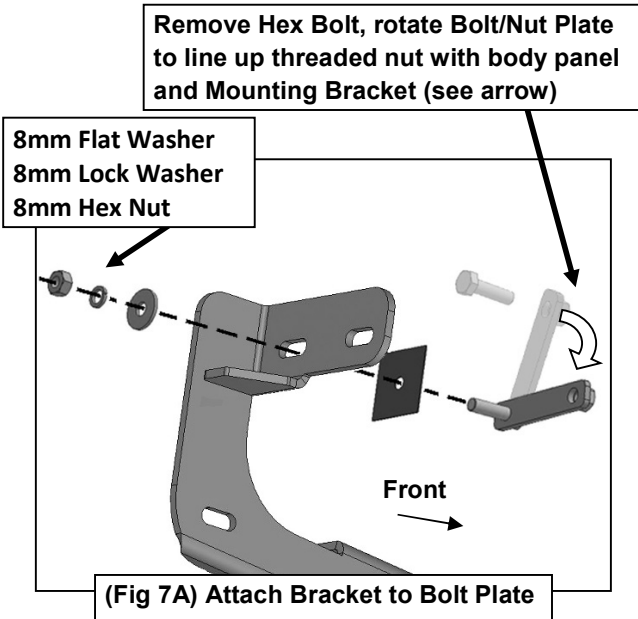


(Fig 5) Thread Plastic Retainer onto Bolt Plate to hold Bolt Plate in position.

- b. Select the driver side front Mounting Bracket, **(Figure 6)**. Attach the Bracket to the threaded end of the Bolt Plate with (1) 8mm Flat Washer, (1) 8mm Lock Washer and (1) 8mm Hex Nut, **(Figure 7A)**. Do not tighten at this time.

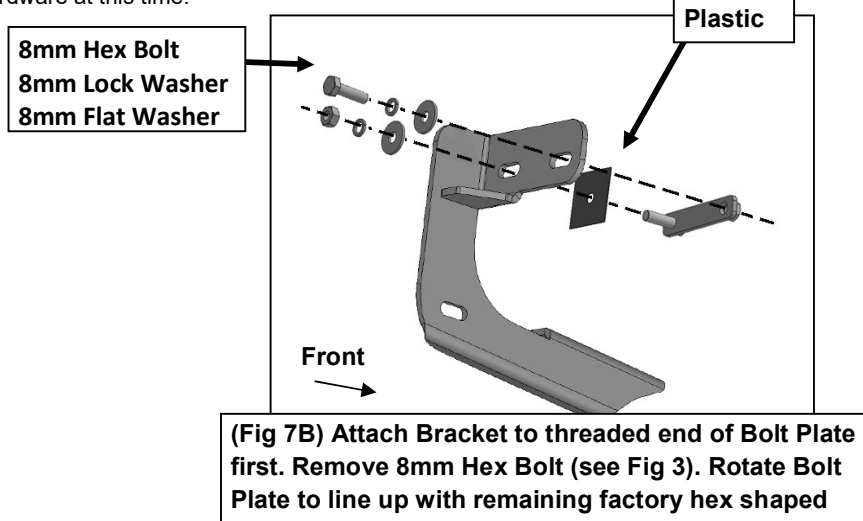


(Fig 6) Driver side front and center Brackets



(Fig 7A) Attach Bracket to Bolt Plate

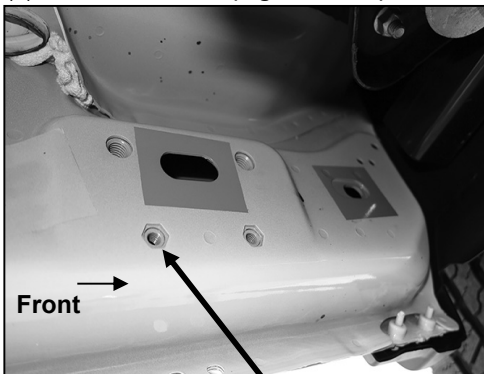
- c. Remove the 8mm Hex Bolt from the nut on the Bolt Plate from **Step 3a**. Rotate the Bolt on the Bolt Plate until the threaded nut lines up with the remaining hole in the Mounting Bracket and body panel, **(Figure 7B)**. Attach the Bracket to the threaded Nut Plate with (1) 8mm x 30mm Hex Bolt, (1) 8mm Lock Washer and (1) 8mm Flat Washer. Do not tighten hardware at this time.



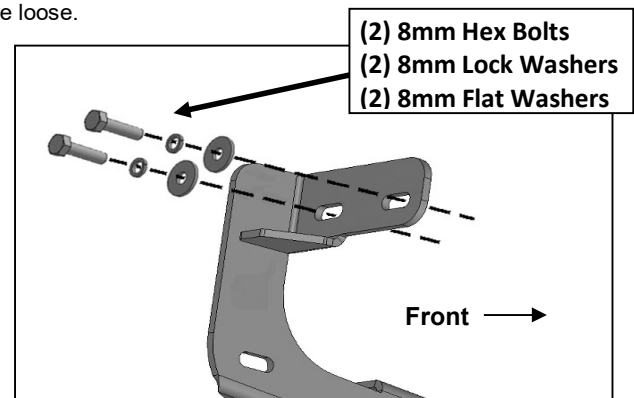
(Fig 7B) Attach Bracket to threaded end of Bolt Plate first. Remove 8mm Hex Bolt (see Fig 3). Rotate Bolt Plate to line up with remaining factory hex shaped

Models with factory threaded inserts:

- a. Attach the driver side Front Bracket to the threaded inserts with (2) 8mm x 30mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washer, **(Figures 8 & 9)**. Leave hardware loose.

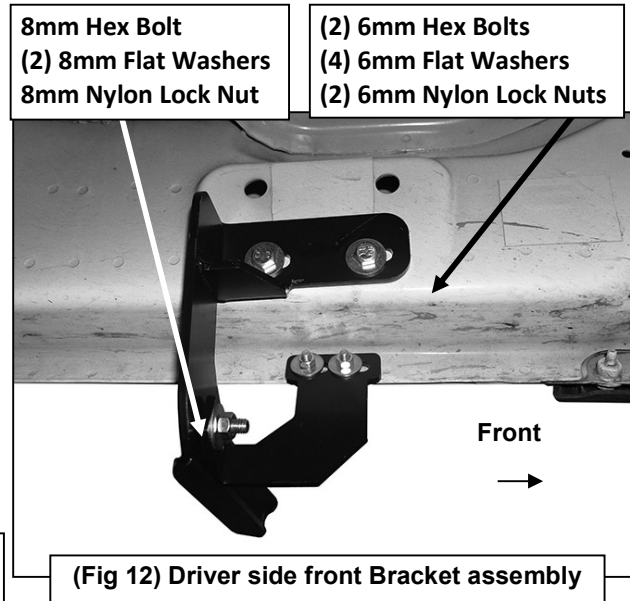
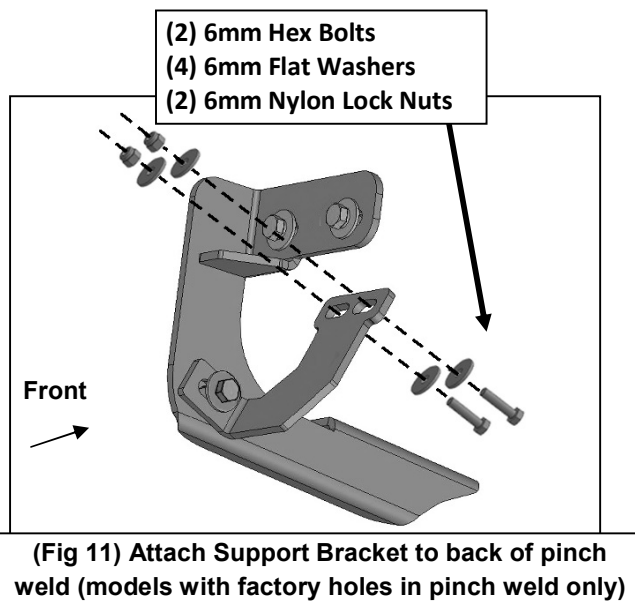
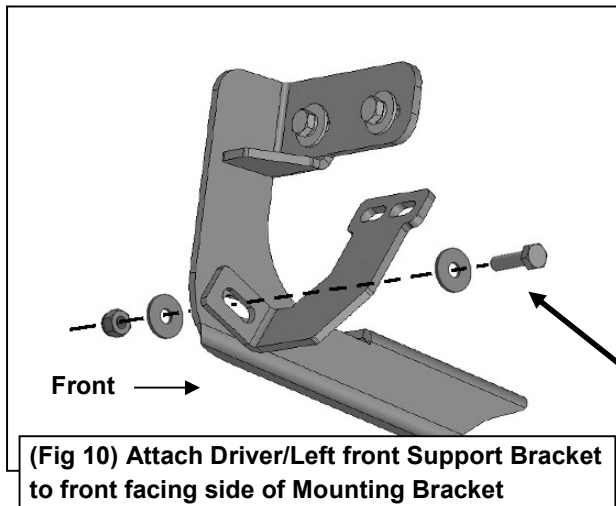


(Fig 8) Driver side front mid 2015-on, an example of models with factory installed threaded inserts

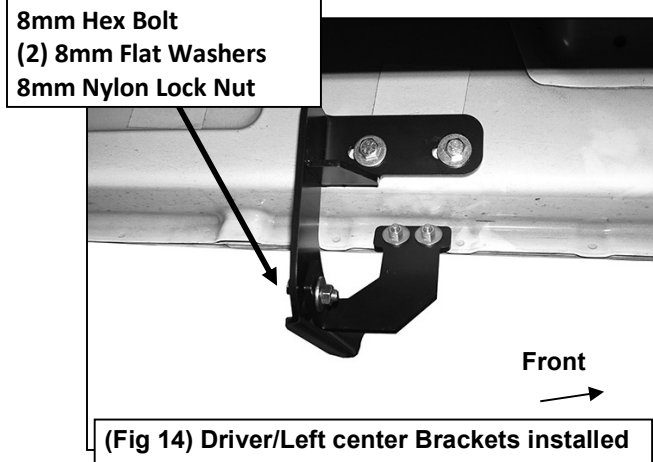
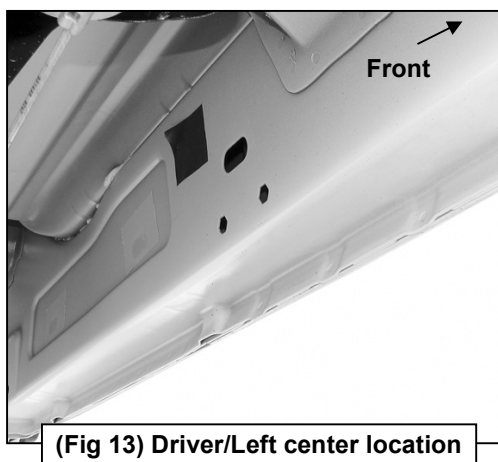


(Fig 9) Driver side front models with factory installed threaded inserts. Bolt Plate not required

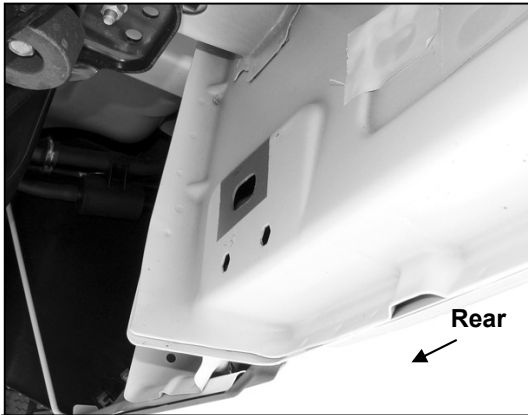
4. Next, select the driver side front Support Bracket. Attach the Bracket to the front facing side of the front Bracket with (1) 8mm x 30mm Hex Bolt, (2) 8mm Flat Washers and (1) 8mm Nylon Lock Nut, **(Figure 10)**. Rotate the Support Bracket to the back of the pinch weld. Line up the slots in the top of the Support Bracket with the (2) factory holes in the pinch weld. Attach the Bracket to the back of the pinch weld with (2) 6mm x 25mm Hex Bolts, (4) 6mm Flat Washers and (2) 6mm Nylon Lock Nuts, **(Figures 11 & 12)**. Do not fully tighten hardware at this time. **IMPORTANT: 2009-10 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, (see Step 9).**



5. Move along the side of the body panel to the center mounting location, **(Figure 13)**. Repeat the appropriate **Step 3** to install the driver side center Bracket, **(Figure 14)**. Select (1) driver side front/center Support Bracket. Repeat **Step 4** to attach the Support Bracket to the front of the center bracket and factory holes (if equipped) in the pinch weld, **(Figure 15)**.

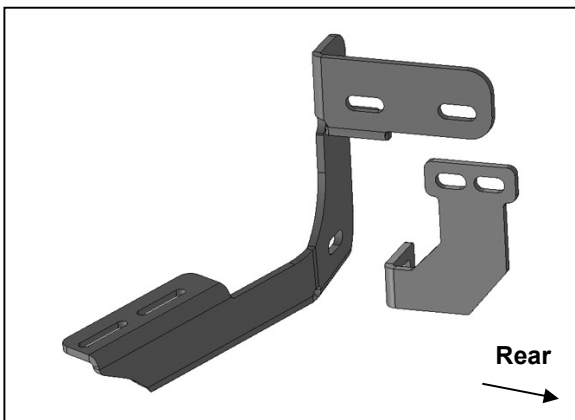


6. Move to the rear location, **(Figure 15)**. Repeat **Step 3** to install the rear Mounting Bracket, **(Figure 16)**. Select the driver side rear Support Bracket. Repeat **Step 4** to attach the Support Bracket to the rear of the rear Bracket and factory holes (if equipped) in the pinch weld, **(Figure 17)**. **IMPORTANT:** The angled rear bracket is different from the front/center Brackets, (see illustration above-note angle and direction of mounting plate).

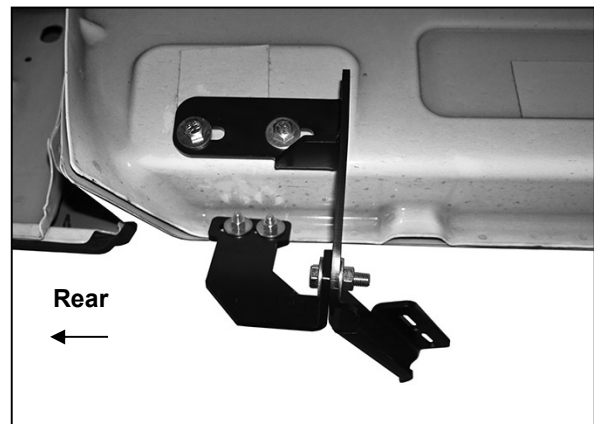


(Fig 15) Driver/Left rear mounting location

IMPORTANT: 2009-2012 models without holes in pinch weld will require drilling 1/4" holes through pinch weld to attach Support Brackets. Do complete installation of Running Boards first and level Running Boards before drilling holes for Support Brackets.



(Fig 16) Driver/Left angled rear Mounting Brackets



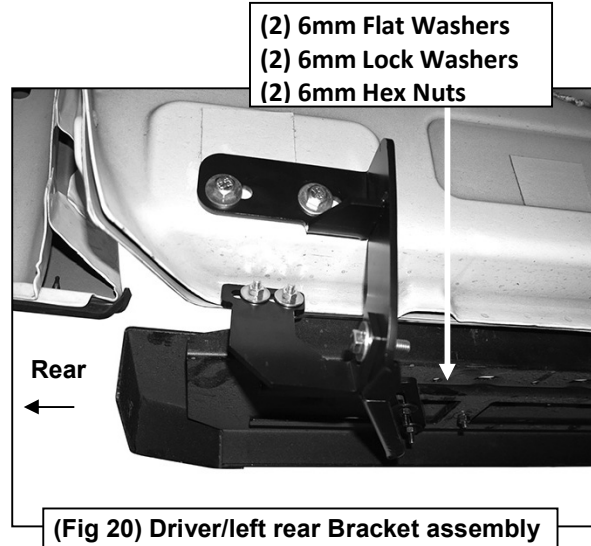
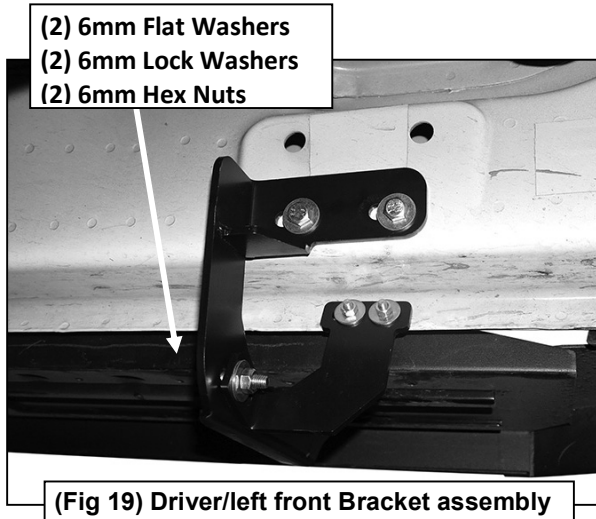
(Fig 17) Driver/Left rear Brackets installed

7. Once all (3) Brackets have been installed, select (1) Running Board. Place the Running Board on top of the Brackets. Locate the channels in the bottom of the Running Board. Select (3) 6mm Double Bolt Plates. Insert the Bolt Plates into the channels in the bottom of the Running Board closest to the Brackets, **(Figure 18)**. Lift the Running Board up and guide the studs through the Brackets.



(Fig 18) Slide the 6mm Double Bolt Plate into channels

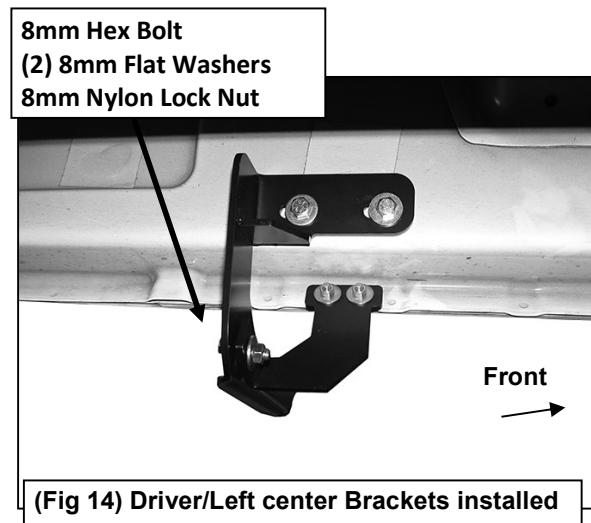
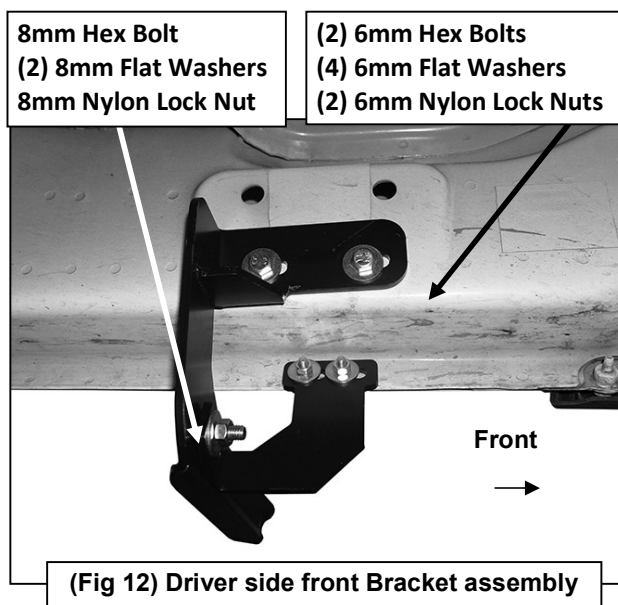
8. Attach the Running Board to the Brackets with (6) 6mm Flat Washers, (6) 6mm Lock Washers and (6) 6mm Hex Nuts, (**Figures 19 & 20**). **NOTE:** The Running Board is designed to fit close to the vehicle. It may be necessary to loosen the Bracket hardware and tilt the Brackets downward to insert the Running Board between the Brackets and the body. Do not tighten hardware at this time.

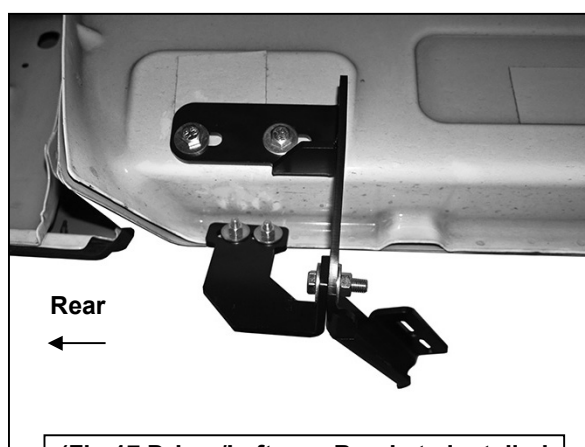


9. Properly level and adjust the Running Board and fully tighten all hardware.

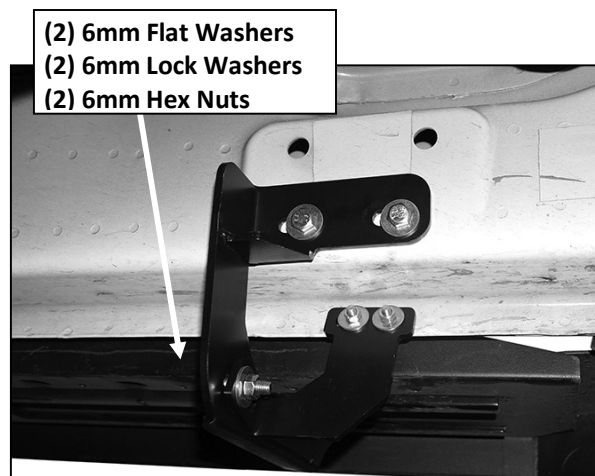
2009-12 models requiring drilling for driver side Support Brackets:

- a. Make sure the Running Board is level to the vehicle. Adjust and tighten all mounting hardware.
- b. Line up the slots on the Support Brackets with the back of the pinch weld. Mark the location of the slots onto the pinch weld.
- c. Drill (2) 1/4" holes through the pinch weld for each Support Bracket. **IMPORTANT:** Do not drill too close to the bottom edge of the pinch weld. Adjust the Brackets as necessary to move the slots up the body panel away from the edge. Drill the holes toward the outside of the marked slots.
- d. Attach each Support Bracket to pinch weld with (2) 6mm Hex Bolts, (4) 6mm Flat Washers and (2) 6mm Nylon Lock Nuts, (**Figures 12, 14, 17, 19 & 20**). Check for level and fully tighten all hardware.

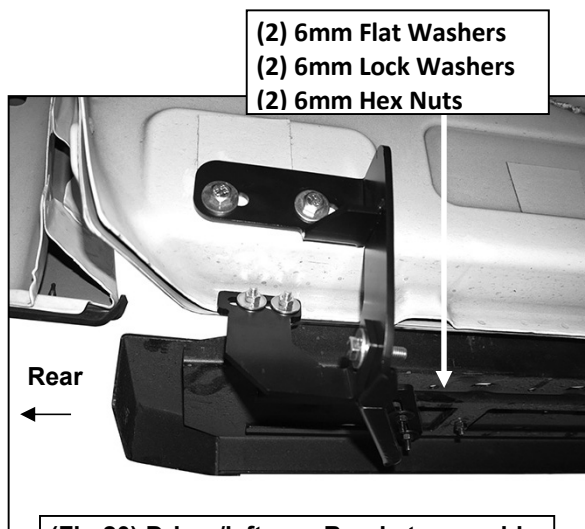




(Fig 17 Driver/Left rear Brackets installed)



(Fig 19) Driver/left front Bracket assembly



(Fig 20) Driver/left rear Bracket assembly

10. Move to the passenger side of the vehicle. Remove tape covering front, center and rear locations. Repeat **Steps 2—9** for passenger side Running Board installation. **NOTE:** Refer to the illustration on **Page 1** to identify the correct Mounting Bracket for each of the remaining locations.
11. Do periodic inspections to the installation to make sure that all hardware is secure and tight.



Installation Complete

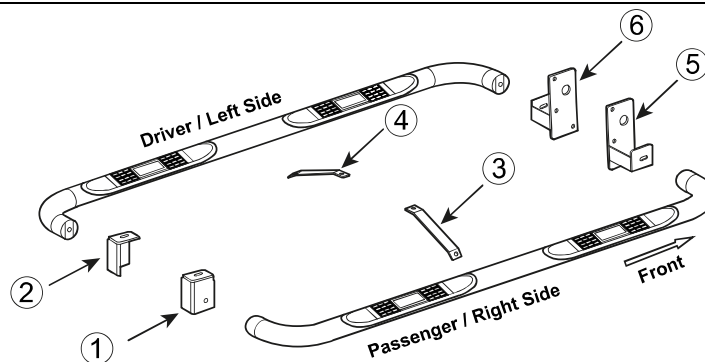
PARTS IDENTIFICATION GUIDE

Driver Side tube packed using "Green" color foam sheet. Passenger Side tube packed using "White" color foam sheet

No.	Parts Identification
1	Passenger / Right 'Rear' Bracket marked "PR"
2	Driver / Left 'Rear' Bracket marked "DR"
3	Passenger / Right 'Center' Bracket marked "PC"
4	Driver / Left 'Center' Bracket marked "DC"
5	Passenger / Right 'Front' Bracket marked "PF"
6	Driver / Left 'Front' Bracket marked "DF"

Note:

- This guide is to identify the parts and not a reference for part count.
- For part count, refer Parts List.
- Product / Bracket image is representative and actual design may vary.

**PRODUCT CARE**

- Periodically check the product to ensure all fasteners are tight and components are intact.
- Regular waxing is recommended to protect the finish of the product.
- **Use ONLY Non-Abrasive automotive wax.** Use of any soap, polish or wax that contains an abrasive is detrimental and can scratch the finish leading to corrosion.
- Aluminum polish may be used to polish small scratches and scuffs for **Stainless Steel finish.**
- Mild soap may be used to clean the product for both **Stainless Steel and Black finish.**

FAQ's**1. Hardware's are not of correct size.**

In GMC / Chevrolet truck model 2006 & up, customer needs to reuse the factory body bolts to install the bracket. If your vehicle is not GMC / Chevrolet 2006 & up, ensure that holes are not partially covered with any plastic grommet or rust? If it is, remove the plastic grommet & rust from the thread holes & re-try the installation.

2. Mounting Bracket are not getting Installed properly.

In some cases Illustration images shown in Installation manual may not be the exactly same as per actual vehicle images ,also if Driver / Passenger side mounting brackets are very identical in the design, suggest referring Parts Identification guide to avoid fitment issue.

3. Products are thumping / rattling after installation.

Ensure that all required mounting brackets / hardware's are installed & tighten correctly. Suggest using white lithium / regular grease between the metal to metal contact surfaces.

4. Side Bar is not aligning with vehicle / Step Pads are not aligning with vehicle doors.

Side bar may be interchanged or mounting brackets are not installed at the correct position in the vehicle. Refer Parts identification guide.

5. Missing / Excess Hardware.

Recheck hardware count as per the part list.

6. Product not installing properly.

Ensure make model year, cab length and bed size of your vehicle is listed in the application. All installation steps are followed correctly.

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