

# Running Board Installation Instructions 2012

## Ram Promaster Cargo Van (2014-C) 118WB

**Read all instructions before beginning installation.**

### INSTALLATION PACKAGE

Running Board	2
Brackets Front (Middle Height & Length)	2
Brackets Middle Front & Rear (Tallest & Longest)	4
Brackets Middle Rear (Shortest)	2
Support Plates (Tall)	8
Support Plates (Short) (Used on front brackets only)	2
Rubber Gap Strip (Trim-Lok x135BTSingle) 36"x2 & or 84"x2	2
Bolt Pack (Boards & Brackets)	2

### Necessary Tools

Combination wrenches or Sockets with 3/8", 1/2" deep well, 9/16"  
Phillips Head #2 Screw Driver (Drill or Impact driver works best)  
Safety glasses

### Bolt Pack Brackets

5/16" Bolts	10
5/16" Serrated Nuts	14
5/16" Flat Washers	24
10-24 x 1 1/4" Phillips head screws	2
10-24 Jack Nuts ( Fastenal # 0162808 )	2
1/4" Flat Washer	2
3/8" Bolts (Black Finish)	10
Bolt Plates (1833-m)	4
Pinch Weld Clamps	10

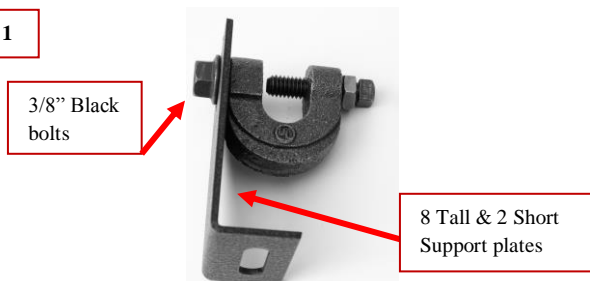
### Bolt Pack Running Boards

5/16" x 3/4" Hex Bolt	16
5/16" Serrated Flange Nut	16

If you are installing the full length wheel to wheel 84" boards. You will need to follow the complete instructions. If you are installing the 39" boards you will need to follow step 7 thru 19.

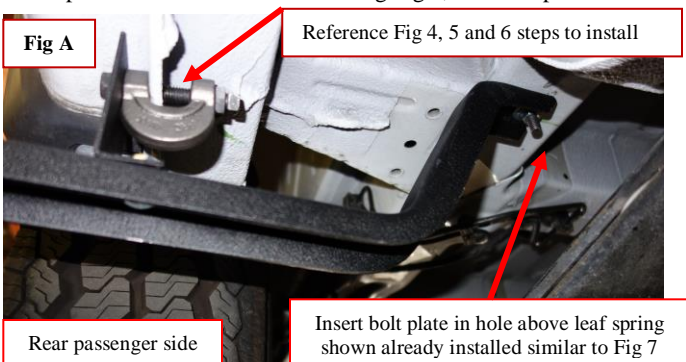
Start by assembling 8 of the clamps to each tall support plate and 2 of the clamps to each short support plates using the 3/8" Black finish bolts. Be sure to assemble as shown. (Fig 1)

Fig 1



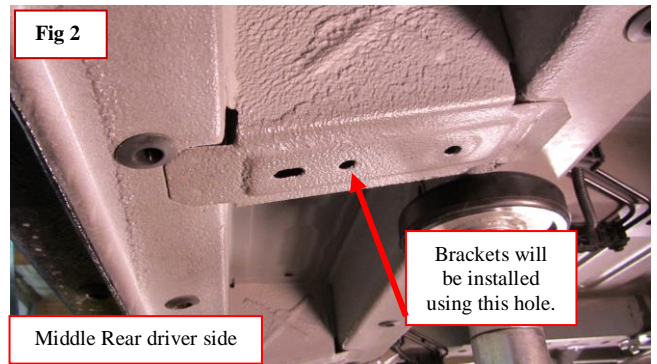
**Step 1A:** Start by mounting the rear bracket (Tallest & Longest) Insert bolt plate and secure bracket above leaf spring in outside hole with washer & 5/16 nut. Reference Fig 7 for similar bolt plate being installed. Clamp with bolt plate will be installed referencing Fig 4, 5 & 6 steps.

Fig A



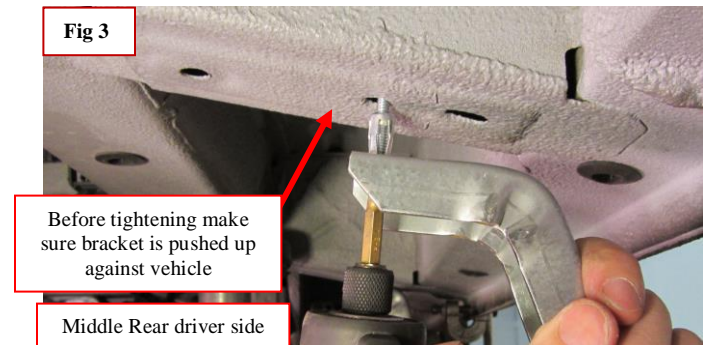
**Step 1:** The Middle Rear (Shortest) bracket will be installed on support gussets on each side of the vehicle. (Fig 2)

Fig 2



**Step 3:** Take 10-24 x 1 1/4" bolt with a 1/4" washer and place it through the very end hole of the bracket and screw on the jack nut (Collapsible insert) until snug with bracket. Now put the bracket up into the mounting hole as shown (Fig 2 & 3) with the bracket pushed up against the vehicle body screw in place with #2 Phillips screw driver until fully tightened. (Drill or small impact works best)

Fig 3



**Step 4:** Now install clamp with tall support plate on center of pinch weld. It should be in line with the top of the bracket just installed or 90 degree to the vehicle after installation. Fully tighten with 3/8" wrench and lock nut with 9/16" wrench. (Fig 4)

Fig 4



**Step 5:** Next loosen 3/8" bolt and push support plate up until it touches the vehicle and then retighten 3/8" bolt to hold plate in place. (Fig 5)

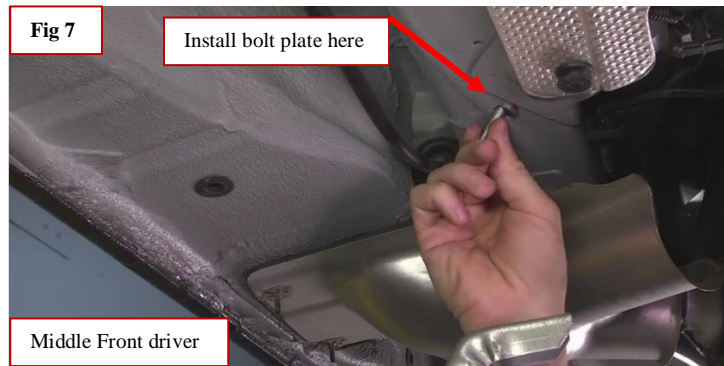
Fig 5



**Step 6:** Place a 5/16" bolt with washer through support plate and bracket. Then loosely secure with washer and serrated nut to hold in place. Only tighten nut until the head of bolt is through the nut. Repeat these steps for all brackets with the same mounting. (Fig 6)



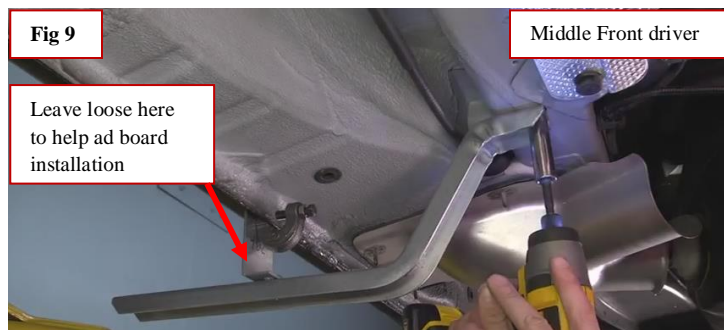
**Step 7:** Next install the Middle Front (Tallest & Longest). Obtain one of the bolt plates and insert it into the hole as shown.



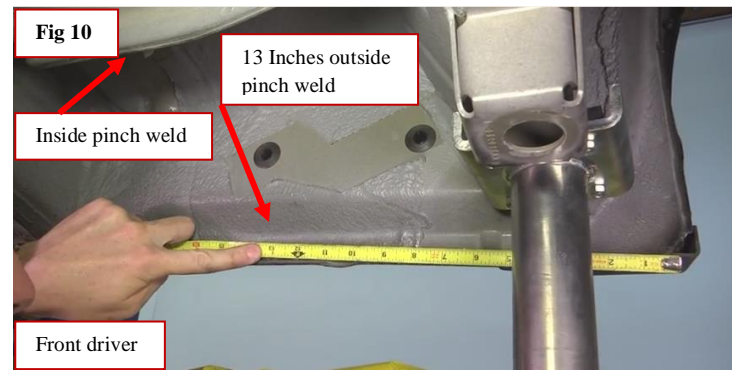
**Step 8:** Place the bracket on the very front hole and secure with 5/16 washer and nut. Leave snug not tight. (Fig 8)



**Step 9:** Next install the tall support plate and clamp as was done for the rear brackets in (Fig 4, 5 & 6)



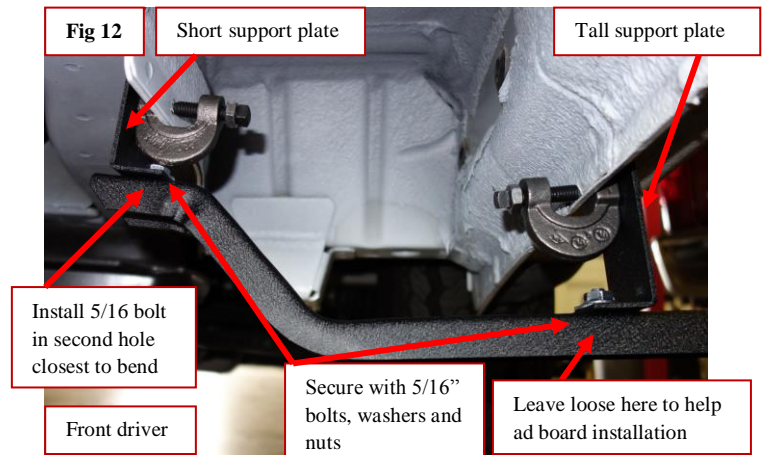
**Step 10:** Next we will install the Front bracket (Middle height & Length). First we want to mark the locations. Measure back 13" on the pinch weld from the front wheel well opening as shown. (Fig 10)



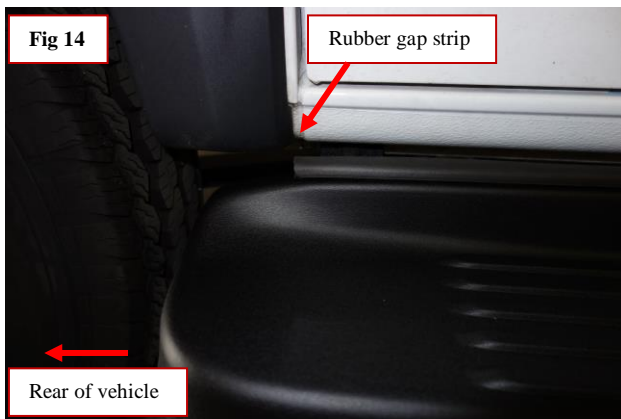
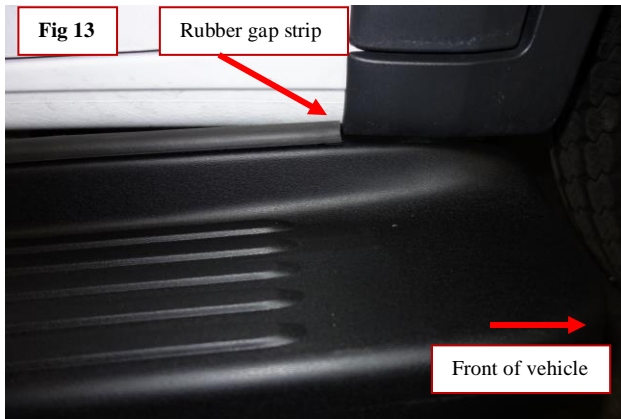
**Step 11:** Next we need to mark the inside pinch weld at 3 1/4". This is shown in (Fig 11) on the passenger side and is also indicated on the driver side picture in (Fig 10)



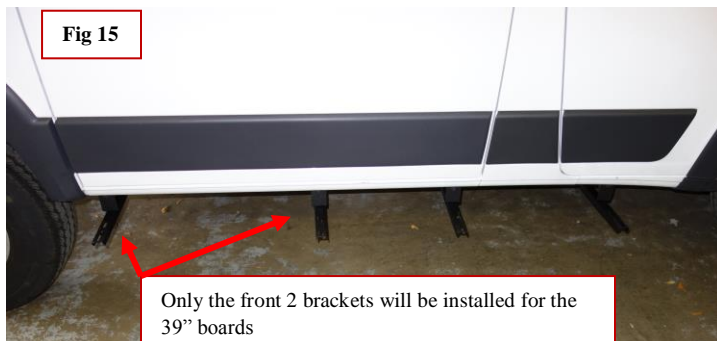
**Step 12:** Next install support plates with clamp to the pinch welds the same as all the other brackets. Tall plate on outside pinch weld and short support plate on inside pinch weld. Then install bracket to both support plates using a 5/16" bolt with washer and secure with washer and nut.



**Step 13:** Next install the rubber gap strip on the running boards. Make sure surface is clean. Start rubber just after cladding in front and end at cladding in the rear (Fig 13 & 14)



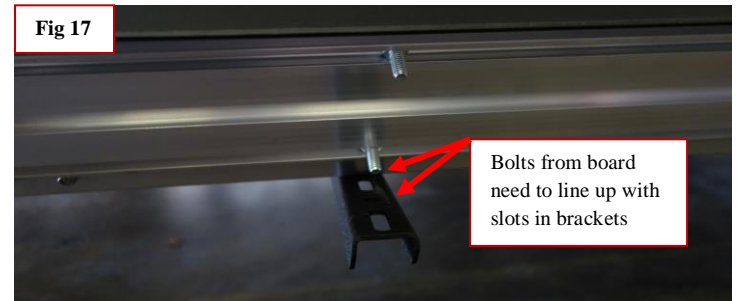
**Step 14:** This will show you the location and what the brackets should look like after you have them installed on the vehicle for the 84" board. The driver and passenger will look the same. If you are installing the shorter 39" boards you will only need the front 2 brackets installed.



**Step 15:** Now install running boards on brackets. You may have different boards than shown. However, they will have the same type of mounting unless additional instructions are provided. Obtain the bracket to board bolt pack. Take out the provided 5/16" \* 3/4" bolts. Slide the head of the bolts down the channels on the underside of the board. (Fig 15)



**Step 16:** Place the board on the installed mounting brackets. Align the bolts with the holes on the brackets and drop them into place. Next thread the provided 5/16" flange nuts loosely onto the bolts to secure brackets to the board



**Step 17:** Next adjust 84" board size only to the end of the aluminum under the board to the edge of the last bracket on the back of vehicle so the board fits flush with wheel well and is centered on vehicle.



**Step 18:** Next tighten all fasteners that were left loose to adjust in board installation. Then make any adjustments up or down by loosening support plate 3/8" bolt to adjust in slot or move board in and out on bracket slots. Once the boards are in place to your liking, tighten all fasteners on the boards and brackets. This will complete your installation. Enjoy!

