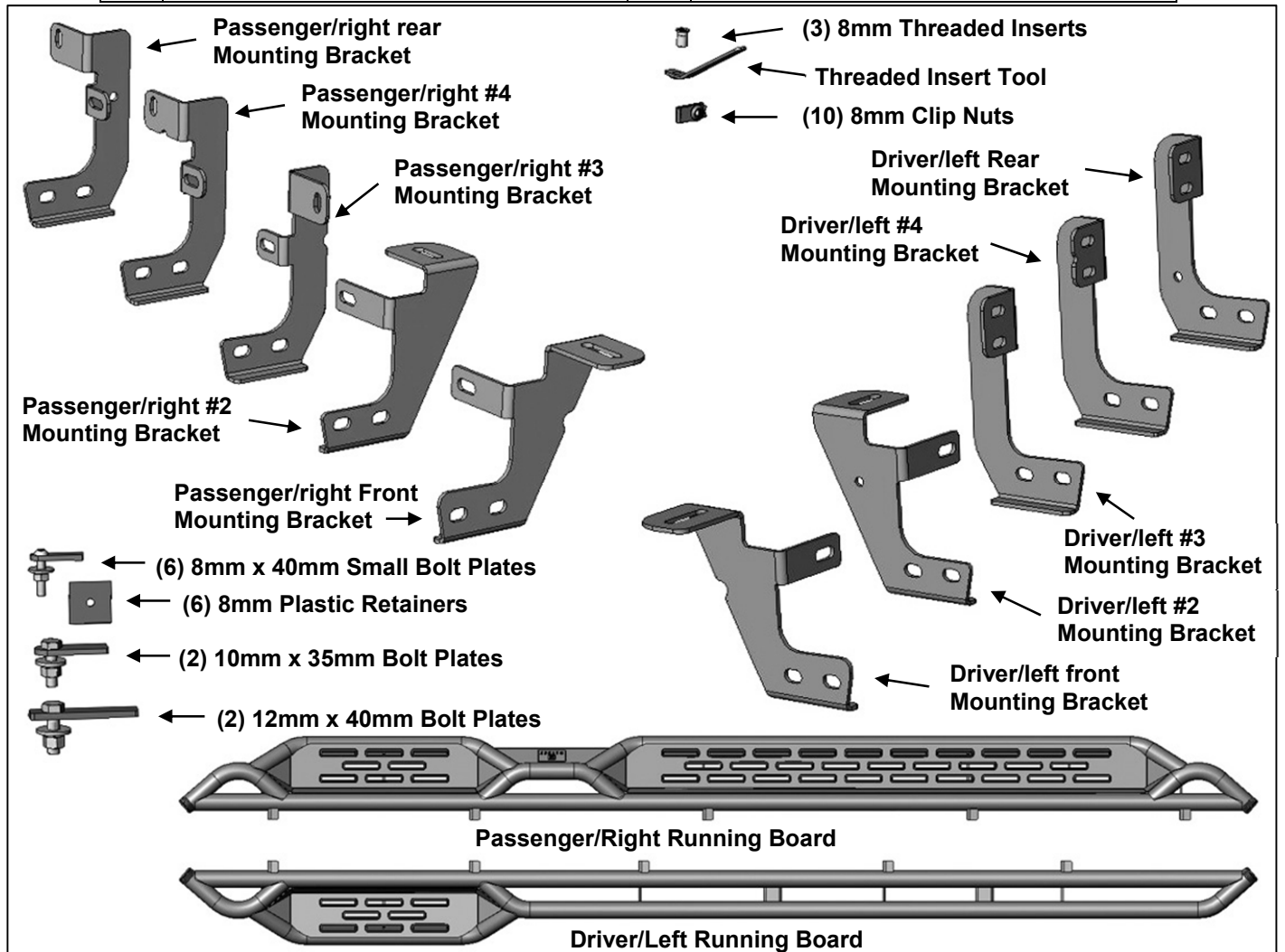


**NB1 RUNNING BOARDS
99-14 FORD ECONOLINE FULL SIZE VAN**

PARTS LIST:

1	Driver/Left Running Board	2	10-1.5mm x 35mm Bolt Plates
1	Passenger/Right Running Board	20	10-1.5mm x 35mm Hex Bolts
1	Driver/Left Front Mounting Bracket	42	10mm x 27mm x 3mm Flat Washers
1	Driver/Left #2 Mounting Bracket	2	10mm Lock Washers
1	Driver/Left #3 Mounting Bracket	2	10mm Hex Nuts
1	Driver/Left #4 Mounting Bracket	20	10mm Nylon Lock Nuts
1	Driver/Left Rear Mounting Bracket	6	8-1.25mm x 40mm Bolt Plates
1	Passenger/Right Front Mounting Bracket	6	8mm Plastic Retainers
1	Passenger/Right #2 Mounting Bracket	10	8mm Clip Nuts
1	Passenger/Right #3 Mounting Bracket	1	8mm Threaded Insert Tool
1	Passenger/Right #4 Mounting Bracket	3	8mm Threaded Inserts
1	Passenger/Right Rear Mounting Bracket	1	8-1.25mm x 40mm Hex Bolt (use with tool)
2	12-1.75mm x 40mm Bolt Plates	10	8-1.25mm x 25mm Hex Bolts
2	12mm x 32mm x 3mm Flat Washers	17	8mm x 24mm OD x 2mm Flat Washers
2	12mm Lock Washers	16	8mm Lock Washers
2	12mm Hex Nuts	7	8mm Hex Nut



PROCEDURE:

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. DRILLING IS REQUIRED ON 99-03 MODELS. MINOR DRILLING MAY BE REQUIRED ON ALL MODELS IF BODY PANELS DO NOT LINE UP PROPERLY. VERY IMPORTANT: IDENTIFY AND SEPARATE ALL MOUNTING BRACKETS. BRACKETS MAY LOOK SIMILAR BUT ALL ARE UNIQUE AND MUST BE INSTALLED IN CORRECT POSITIONS.

1. Start the installation under the driver/left side of the vehicle. Locate and remove the rubber plug near the front tire opening, **(Figure 1)**. Select (1) 10mm Bolt Plate, **(Figure 2)**. Insert the Bolt Plate into and across the opening, **(Figures 3 and 13)**.
2. Select the driver/left front Mounting Bracket, **(Figure 4)**. Attach the Bracket to the Bolt Plate with (1) 10mm Flat Washer, (1) 10mm Lock Washer and (1) 10mm Hex Nut. Leave hardware loose.
3. Line up the mounting tab on the Bracket with the factory hole in the pinch weld. Slide (1) 8mm Clip Nut over the hole in the pinch weld with the nut toward the outside of the vehicle, **(Figure 3)**.
IMPORTANT: On some model/years, 5/16" holes will need to be drilled through the pinch weld to attach the tab on the Mounting Bracket to the pinch weld.
 - a. Line up the tab on the Bracket with a flat area on the back of the pinch weld.
 - b. Fully tighten the 10mm Hex Nut on the Bolt Plate. Use the tab on the Bracket for a guide and drill a 5/16" hole through the tab and the pinch weld. **IMPORTANT!** Any cutting or drilling tool may break or shatter. Government regulations require safety glasses & equipment at all times when cutting or drilling.
 - c. Slide (1) 8mm Clip Nut over the hole in the pinch weld with the nut toward the outside.
4. Attach the mounting tab on the Bracket to the 8mm Clip Nut with (1) 8mm x 25mm Hex Bolt, (1) 8mm Lock Washer and (1) 8mm Flat Washer, **(Figure 4)**. Snug but do not fully tighten the hardware.
5. Move along the bottom of the body to the #2 bracket location, **(Figure 5)**. Locate and remove the large oval rubber plug. Insert (1) 12mm Large Bolt Plate into the opening, **(Figures 6 & 7)**.
6. Attach the driver/left side #2 Mounting Bracket to the Bolt Plate with (1) 12mm Flat Washer, (1) 12mm Lock Washer and (1) 12mm Hex Nut, **(Figure 7)**. Repeat the appropriate **Steps 3 & 4** to attach the mounting tab on the Bracket to the back of the pinch weld.
7. Next, move to the #3 mounting location, **(Figure 8)**. Remove the rubber plug in the inner body panel. Select (1) 8mm Small Bolt Plate and (1) 8mm Plastic Retainer, **(Figure 9)**. Thread the 8mm Plastic Retainer onto the threaded end of the Bolt Plate. Insert the Bolt Plate into the hole in the side of the body. Thread the Retainer down against the body to help hold the Bolt Plate in place. **NOTE:** Plastic Retainers are used to prevent the Bolt Plate from falling into the body panel, use is not mandatory for Bracket installation.
8. Select the driver/left #3 Mounting Bracket, **(Figure 9)**. Attach the Bracket to the Bolt Plate with the included (1) 8mm Flat Washer, (1) 8mm Lock Washer and (1) 8mm Hex Nut. Leave hardware loose.
9. Move to the next rubber plug in the body panel, **(Figure 8)**. Select the driver/left #4 Mounting Bracket, **(Figure 10)**. Repeat **Steps 7 & 8** to attach the Bracket to the side of the body panel.
10. Continue to the last rubber plug in the body panel, **(Figure 8)**. Repeat **Steps 7—9** to attach the driver/left Rear Mounting Bracket to the rear mounting location, **(Figure 11)**.
11. Select the driver/left Running Board. Place the Running Board up to the rear facing side of the Mounting Brackets. Check the alignment and height of the #3, #4 and Rear Mounting Brackets and move the Brackets to the upper or lower slots in the Brackets as necessary, **(Figures 15—17)**.
12. Attach the Running Board to the Brackets with the included (10) 10mm x 35mm Hex Bolts, (20) 10mm Flat Washers and (10) 10mm Nylon Lock Nuts, **(Figures 12—17)**.
13. Level and adjust the Running Board as desired and fully tighten all hardware.
14. Move to the passenger/right side of the vehicle. Locate the rubber plug near the front tire opening, **(Figure 18)**. Repeat **Steps 1—4** to install the passenger/right Front Bracket, **(Figure 19)**.
15. Continue along the body to the #2 Mounting location, **(Figure 20)**. Repeat **Steps 5 & 6** to install the passenger/right side #2 Bracket, **(Figure 21)**.
16. Move along the body to the #3 Bracket location below the side door, **(Figure 22)**. Select the passenger/right #3 Mounting Bracket, **(Figure 23)**.
Determine the correct procedure for your year/model:

NB1 RUNNING BOARDS
99-14 FORD ECONOLINE FULL SIZE VAN

Models with factory holes in pinch weld and inner body panel:

- a. Locate the factory hole in the pinch weld. Also locate the square hole and small round hole in the inner body panel near and above the hole in the pinch weld, **(Figure 22)**. **NOTE:** Hold the appropriate Mounting Bracket up in each location to help determine the correct holes to use.
- b. Slide (1) 8mm Clip Nut into the square hole and in line with the smaller round hole. Next, slide (1) 8mm Clip Nut over the hole through the pinch weld as described in **Step 3, (Figure 22)**.
- c. Select the passenger side #3 Mounting Bracket, **(Figure 23)**. Attach the Bracket to the (2) Clip Nuts with (2) 8mm x 25mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers, **(Figure 23)**. Do not fully tighten hardware at this time.
- d. Move to the next mounting location, **(Figure 24)**. Select the passenger/right #4 Mounting Bracket, **(Figure 25)**. Repeat the previous Steps to attach the #4 Mounting Bracket.
- e. Next, select the passenger/right Rear Mounting Bracket, **(Figures 26 & 27)**. Repeat the previous **Steps** to attach the Rear Mounting Bracket.

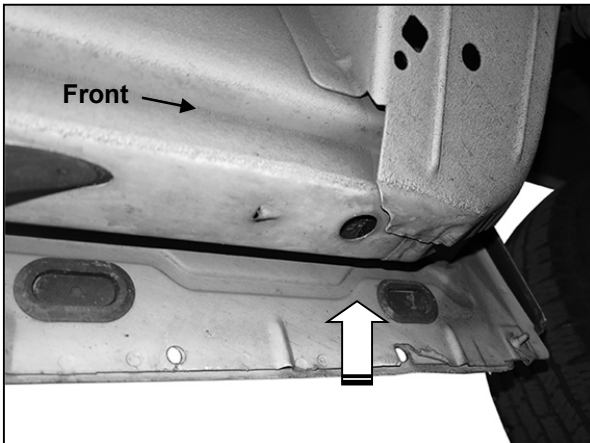
Models without factory holes in the pinch weld and/or inner body panel:

- a. Repeat **Step 12** to attach the Running Board to the front and #2 Brackets, **(Figure 33)**.
 - b. Use a stand or a jack to hold the Running Board up and level with the front (2) Brackets.
 - c. Select the passenger/right side #3 Bracket, **(Figure 23)**. With the Running Board level to the vehicle, hold the Bracket up in position against the back of the pinch weld and body panel. Line up the slots in the Bracket with the Running Board. Mark the location of the slots in the Bracket onto the sheet metal, **(Figure 28)**. Select the #4 and rear Brackets. Repeat this **Step** to mark the #4 and rear mounting locations, **(Figures 29 & 30)**. **NOTE:** Use a clamp or locking pliers to temporarily attach the Brackets to the pinch weld.
 - d. Drill a 7/16" hole in the center of the mark for the top mounting tab, **(Figures 28—30)**. **IMPORTANT:** Make sure the Running Board is level to the vehicle before drilling any mounting holes.
 - e. Select the 8mm Threaded Insert Tool, (1) 8mm x 40mm Hex Bolt, (1) 8mm Flat Washer and (1) 8mm Threaded Insert. Assemble the Insert as pictured in **Figure 31**.
 - f. Firmly hold the handle and push the Insert into the hole. Use a small hammer to gently tap the insert into the hole if necessary. Once inserted, hold the handle with one hand and turn the 8mm Hex Bolt, (tighten), with a wrench to expand the insert in the body panel. Continue to tighten the hex bolt until the insert is fully compressed and close to flush with the surface. Remove bolt and tool from the insert, **(Figure 32)**. **WARNING:** Do not overtighten the hex bolt or the insert may become damaged.
 - g. Repeat **Step 3** to drill the 5/16" hole through the pinch weld as needed.
 - h. Select the passenger/right #3 Mounting Bracket. Attach the Bracket to the Insert and Clip Nut in pinch weld with (2) 8mm x 25mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers, **(Figure 23)**. Do not fully tighten hardware at this time.
 - i. Repeat the previous **Steps** to install the passenger/right #4 and rear Mounting Brackets, **(Figures 25 & 27)**.
17. Select the passenger/right Running Board. Hold the Running Board up to the rear facing side of the Mounting Brackets. Attach the Running Board to the Brackets with the included (10) 10mm x 35mm Hex Bolts, (20) 10mm Flat Washers and (10) 10mm Nylon Lock Nuts, **(Figure 33—39)**.
18. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

To protect your investment, Do not use any type of polish or wax that may contain abrasives that could damage the finish. Mild soap may be used also to clean the Running Boards.

NB1 RUNNING BOARDS
99-14 FORD ECONOLINE FULL SIZE VAN

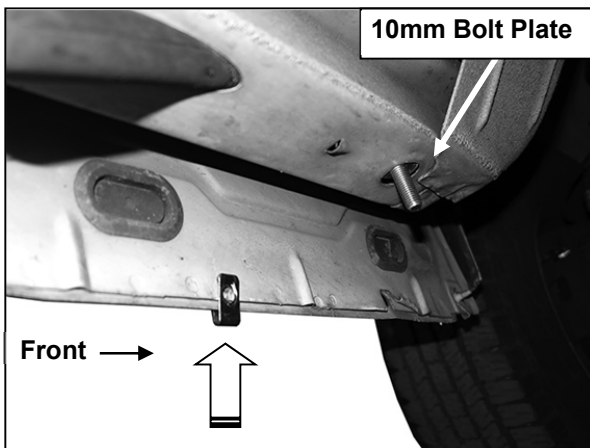
Driver/Left Side Installation Pictured



(Fig 1) Remove rubber plug from driver side front mounting location



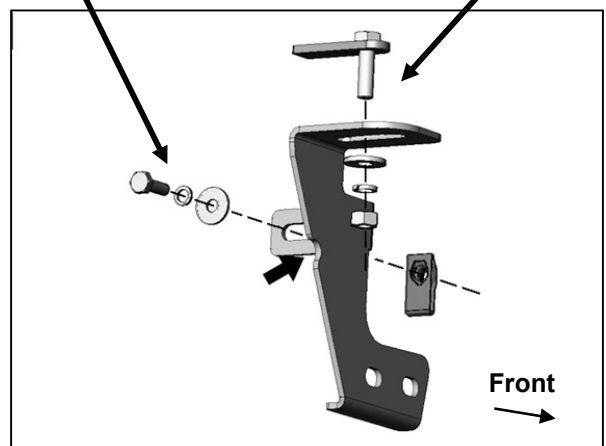
(Fig 2) 10mm Bolt Plate



(Fig 3) Slide 8mm Clip Nut over factory hole in pinch weld

8mm Hex Bolt
8mm Lock Washer
8mm Flat Washer
8mm Clip Nut

10mm Bolt Plate
10mm Flat Washer
10mm Lock Washer
10mm Hex Nut

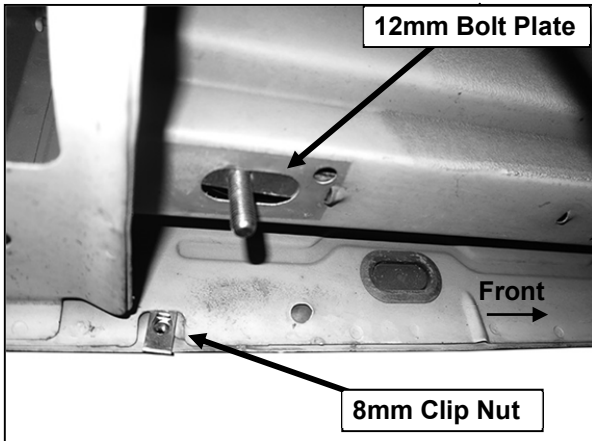


(Fig 4) Attach driver/left front Bracket to Bolt Plate and Clip Nut. Note notch in Bracket for identification purposes (arrow)

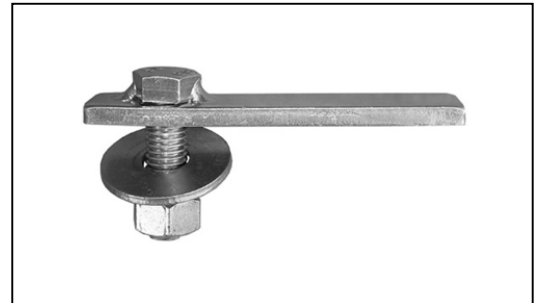
IMPORTANT: On some model/years, 5/16" holes will need to be drilled through the pinch weld to attach the tab on the Mounting Bracket to the pinch weld. Attach the Brackets to the Bolt Plates first, temporarily install the Running Board, and make sure Board is level then mark holes before drilling holes through pinch weld. Repeat for all Bracket installations

NB1 RUNNING BOARDS
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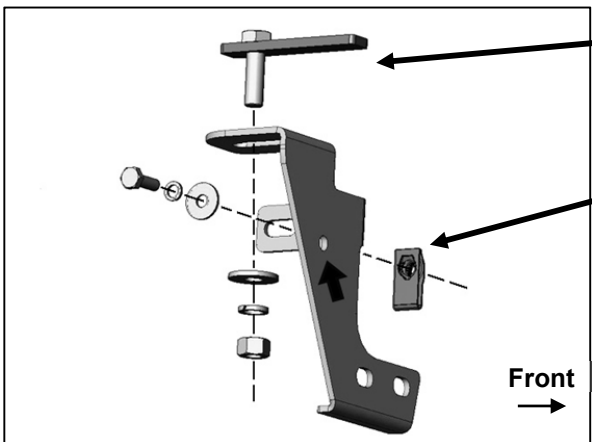
Driver/Left Side Installation Pictured



(Fig 5) Remove rubber plug from driver/left side #2 mounting location. Insert 12mm Large Bolt Plate into hole as pictured (see Fig 6)



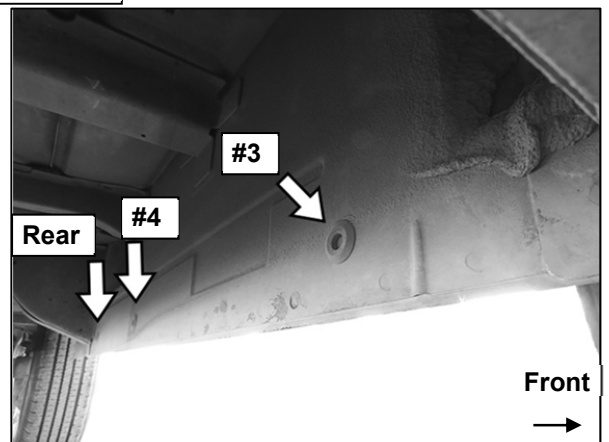
(Fig 6) 12mm Large Bolt Plate



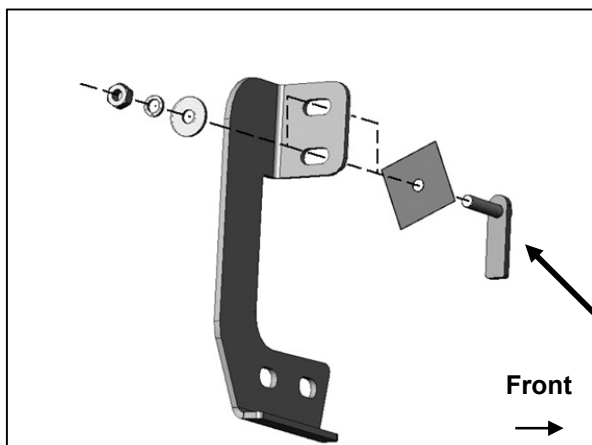
(Fig 7) Driver/left #2 Bracket. Note hole for identification purposes (arrow)

- 12mm Large Bolt Plate
- 12mm Flat Washer
- 12mm Lock Washer
- 12mm Hex Nut

- 8mm Hex Bolt
- 8mm Lock Washer
- 8mm Flat Washer
- 8mm Clip Nut



(Fig 8) Remove rubber plugs from driver/left #3, #4 and rear mounting locations (arrows). Insert 8mm Small Bolt Plate with Plastic Retainer into mounting holes

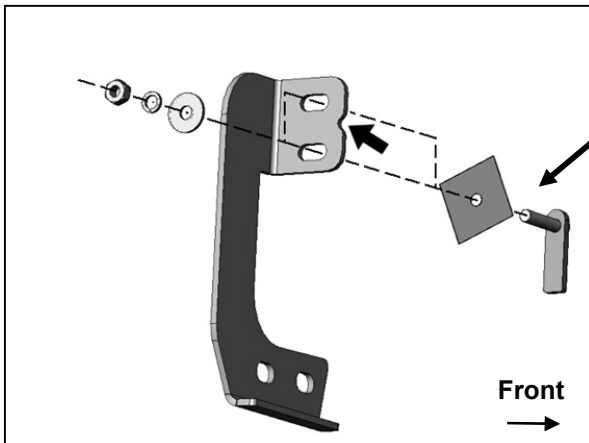


(Fig 9) Driver/left #3 Bracket. Attach Bracket to 8mm Small Bolt Plate

- 8mm Small Bolt Plate
- 8mm Plastic Retainer
- 8mm Flat Washer
- 8mm Lock Washer
- 8mm Hex Nut

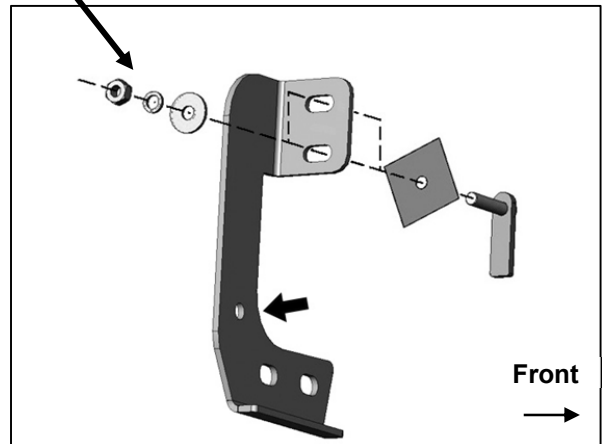
**NB1 RUNNING BOARDS
99-14 FORD ECONOLINE FULL SIZE VAN**

Driver/Left side installation pictured

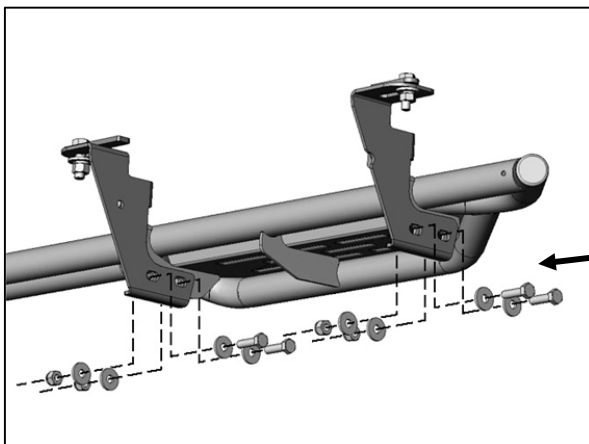


- 8mm Small Bolt Plate
- 8mm Plastic Retainer
- 8mm Flat Washer
- 8mm Lock Washer
- 8mm Hex Nut

(Fig 10) Driver/left #4 Bracket. Attach Bracket to 8mm Small Bolt Plate. Note notch for identification purposes (arrow)

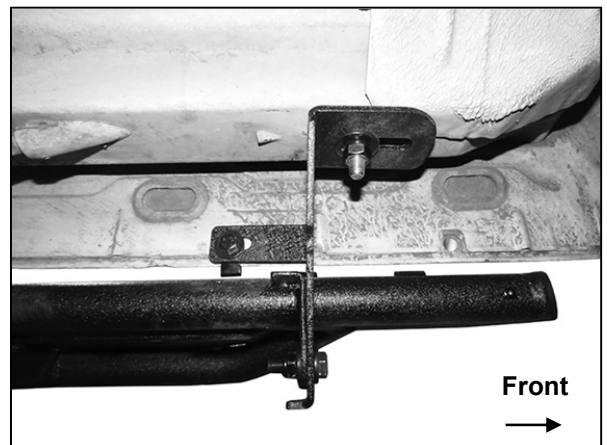


(Fig 11) Driver/left rear Bracket. Attach Bracket to 8mm Small Bolt Plate. Note hole for identification purposes (arrow)

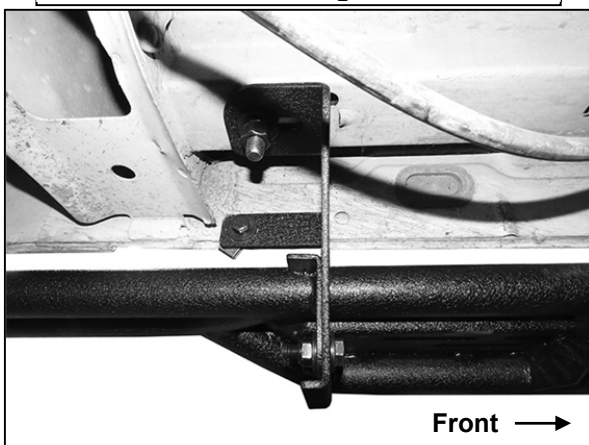


- (2) 10mm Hex Bolts
- (4) 10mm Flat Washers
- (2) 10mm Nylon Lock Nuts

(Fig 12) Attach driver/left Running Board to front and #2 Mounting Brackets



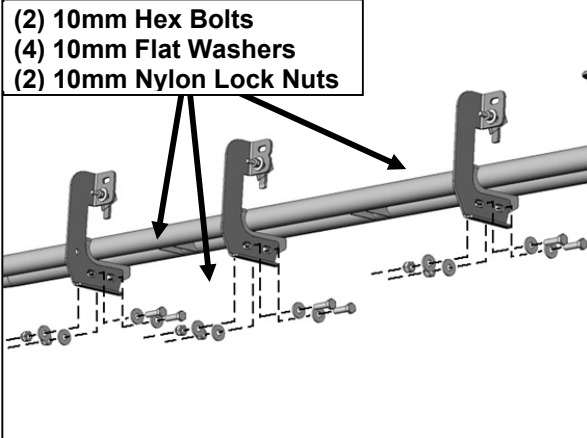
(Fig 13) Attach Running Board to back of driver/left front Bracket



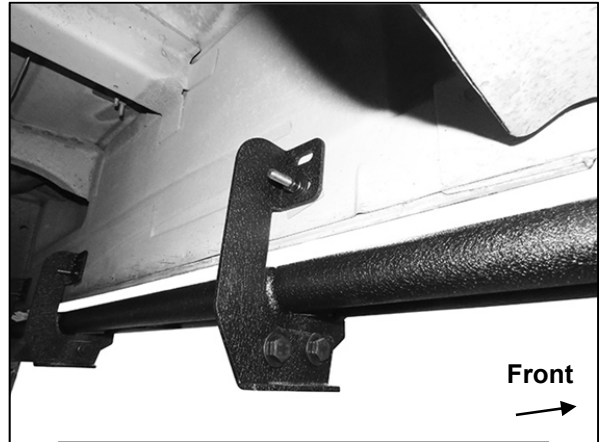
(Fig 14) Attach Running Board to back of driver/left #2 Bracket

NB1 RUNNING BOARDS
99-14 FORD ECONOLINE FULL SIZE VAN

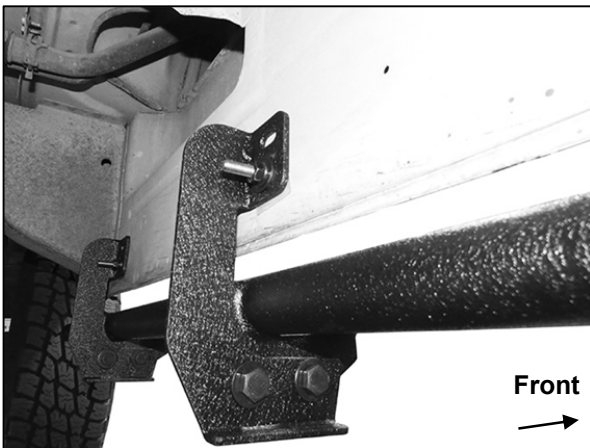
Driver/Left side installation pictured



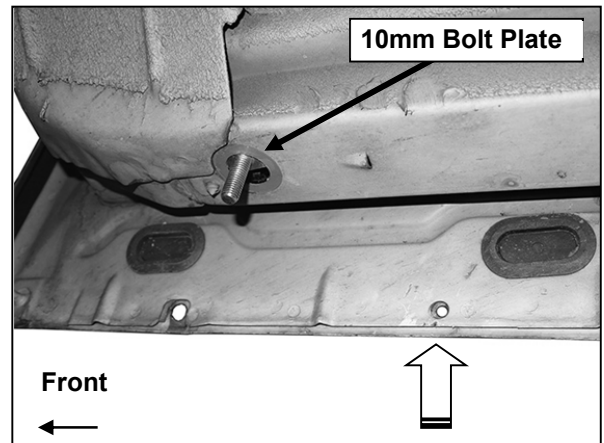
(Fig 15) Attach driver/left Running Board to #3, #4 and rear Mounting Brackets



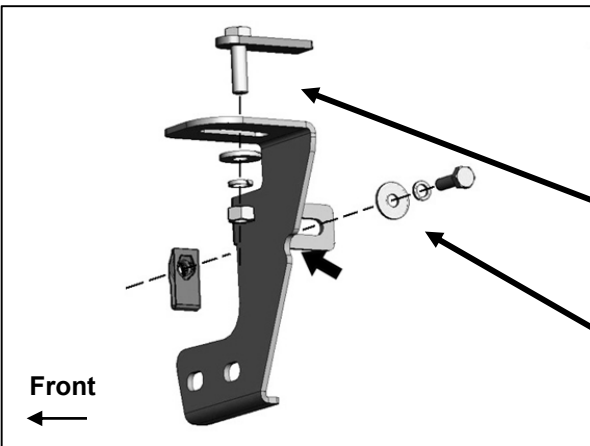
(Fig 16) Driver/left Running Board attached to the back of the #3 Bracket



(Fig 17) Driver/left Running Board attached to the back #4 and rear Brackets



(Fig 18) Passenger/right front mounting location pictured. Slide 8mm Clip Nut over factory hole in pinch weld (arrow)



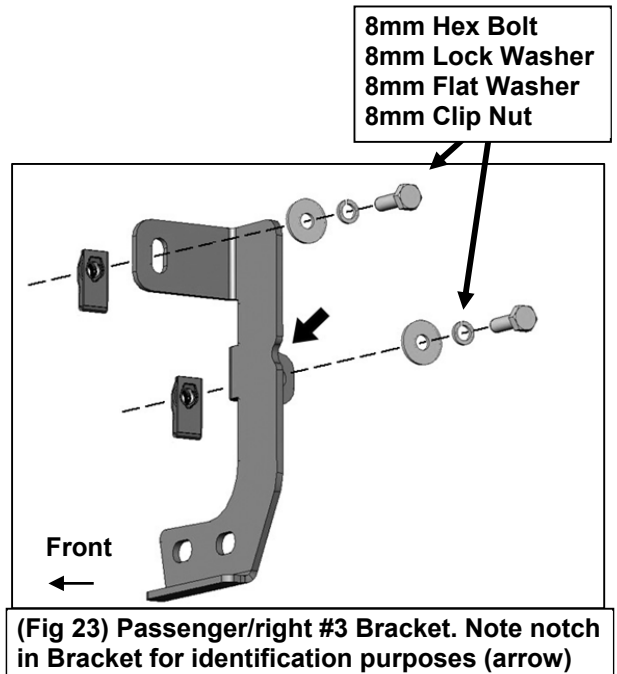
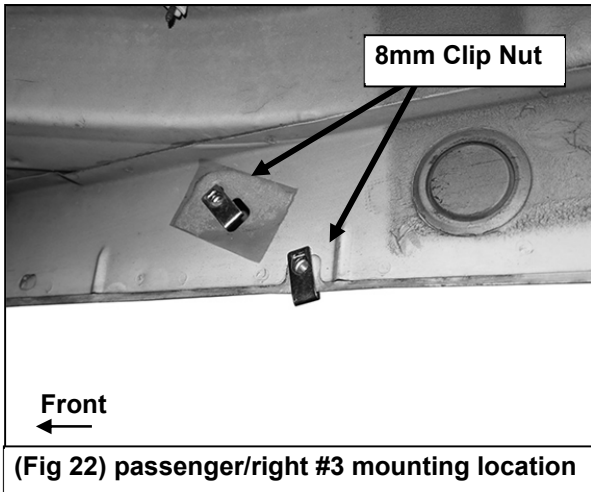
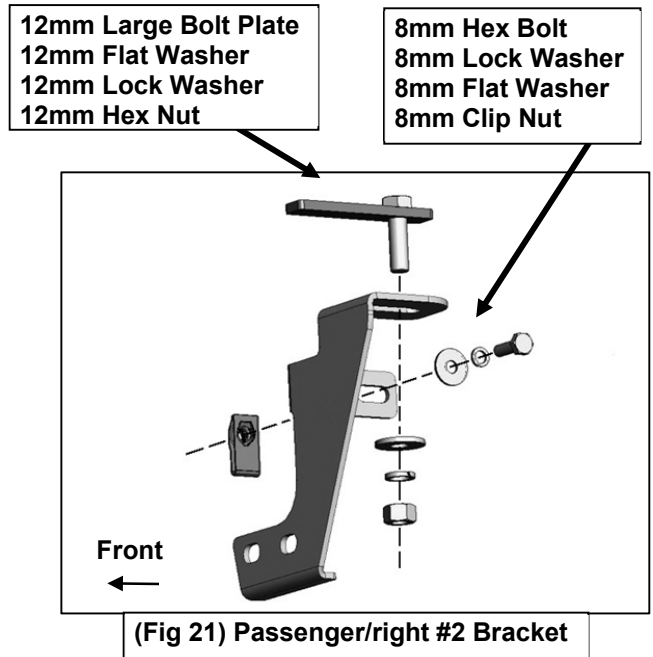
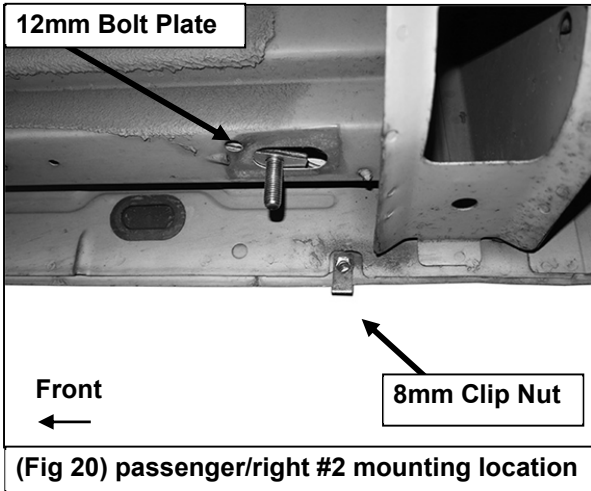
(Fig 19) Passenger/right front Bracket. Note notch in Bracket for identification purposes (arrow)

- 10mm Bolt Plate
- 10mm Flat Washer
- 10mm Lock Washer
- 10mm Hex Nut

- 8mm Hex Bolt
- 8mm Lock Washer
- 8mm Flat Washer
- 8mm Clip Nut

NB1 RUNNING BOARDS
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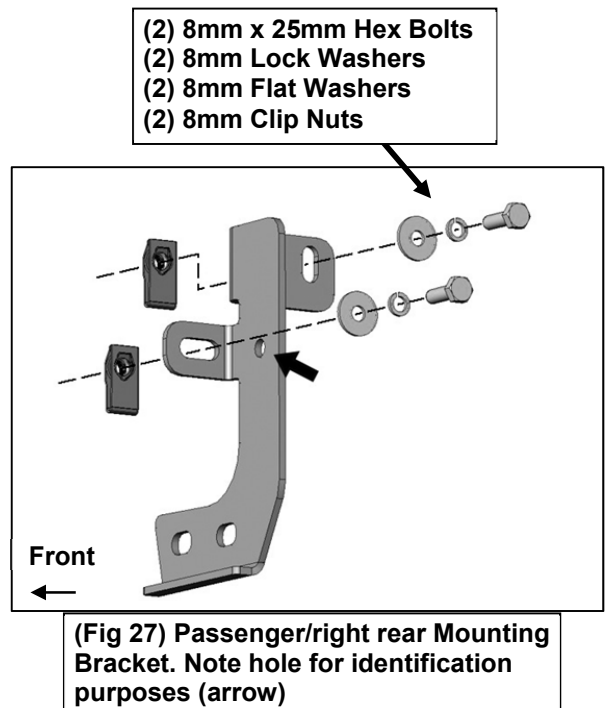
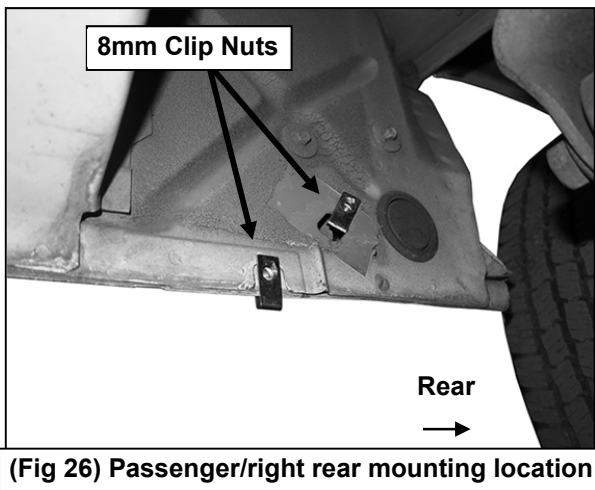
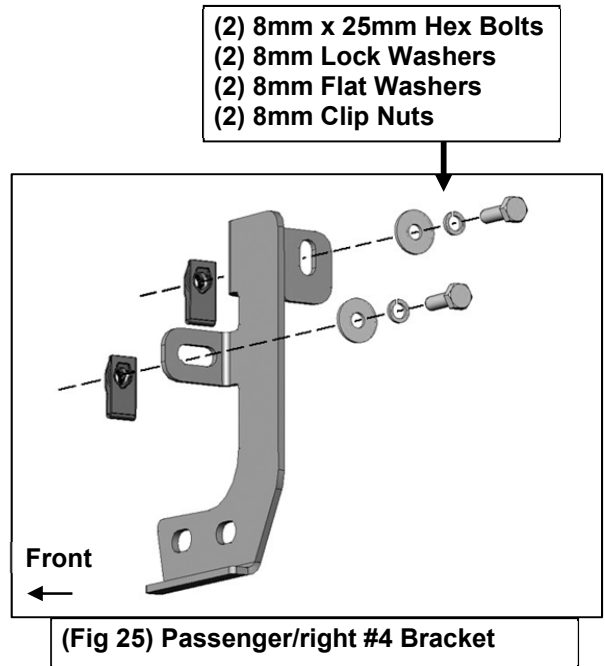
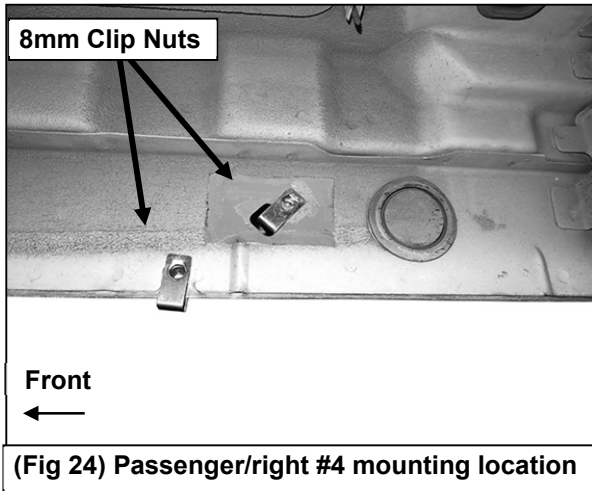
Passenger/right side installation pictured



IMPORTANT: On some model/years, 5/16" holes will need to be drilled through the pinch weld (see above) to attach the tab on the Mounting Bracket to the pinch weld. Attach the Brackets to the Bolt Plates first, temporarily install the Running Board, and make sure Board is level then mark holes before drilling holes through pinch weld. Repeat for all Bracket installations

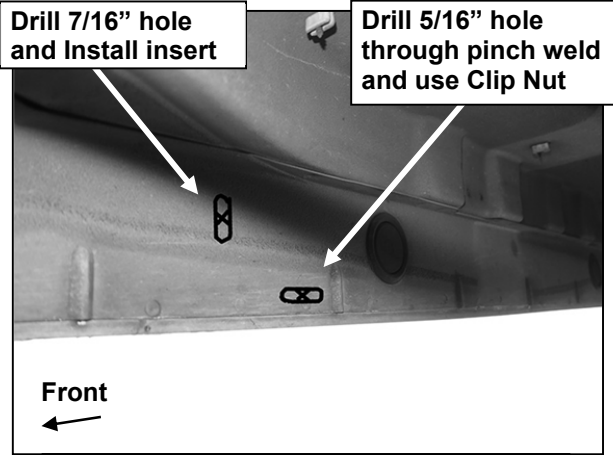
**NB1 RUNNING BOARDS
99-14 FORD ECONOLINE FULL SIZE VAN**

Passenger/right side installation pictured



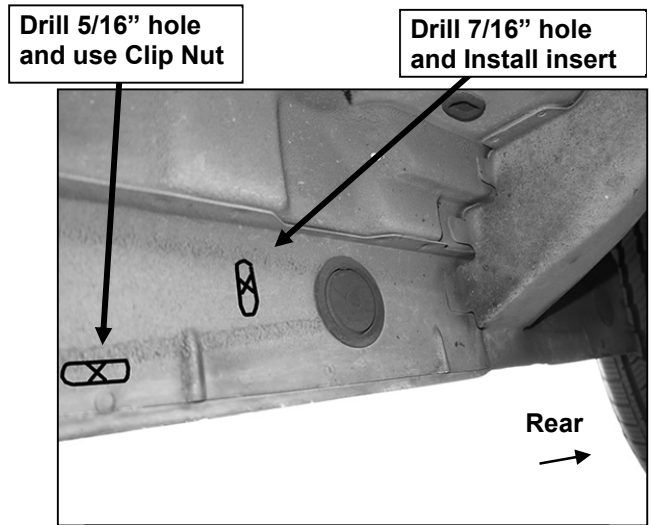
NB1 RUNNING BOARDS
99-14 FORD ECONOLINE FULL SIZE VAN

Passenger/Right Side Installation Pictured

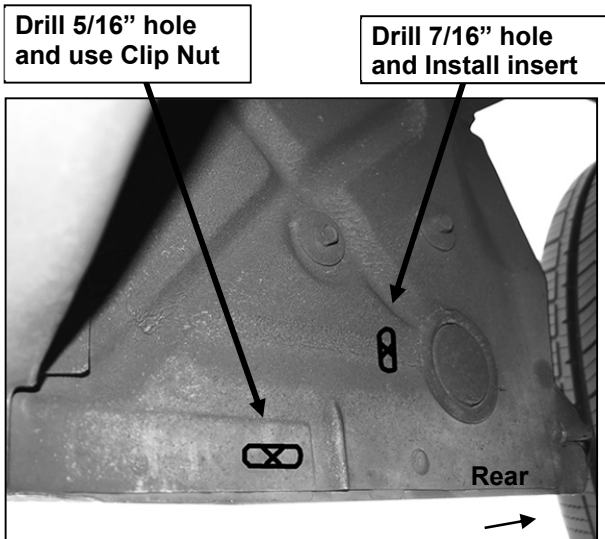


(Fig 28) Passenger/right side #3 location

IMPORTANT: On some model/years, 8mm Threaded Inserts will need to be installed in locations indicated by arrows, (Fig 27-29). Level Running Board. Hold Bracket up in position against side of body panel. Mark location of slots onto sheet metal. Drill (3) 7/16" holes as required for passenger side #3, #4 and #5 (rear) Brackets only. Assemble Insert Tool and install Inserts as described in Steps 16a—i, (Fig 28-32).

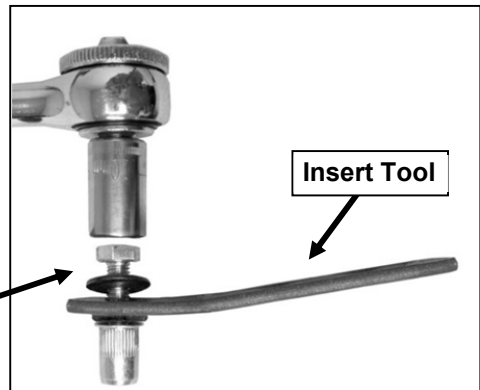


(Fig 29) Passenger/right side #4 location



(Fig 30) Passenger/right rear location

- 8mm x 40mm Hex Bolt
- 8mm Flat Washer
- 8mm Threaded Insert



(Fig 31) Assemble Insert Tool as pictured. Turn wrench clockwise to pull/expand insert in hole

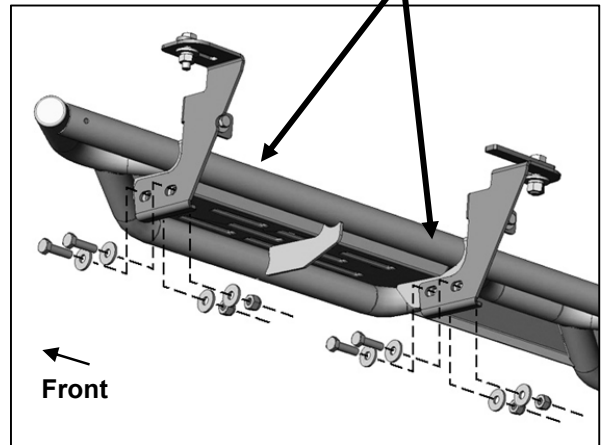
**NB1 RUNNING BOARDS
99-14 FORD ECONOLINE FULL SIZE VAN**

Passenger/right side installation pictured

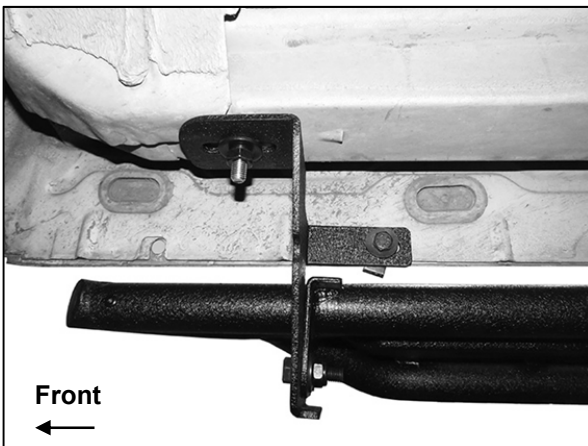


(Fig 32) Example fully installed Insert

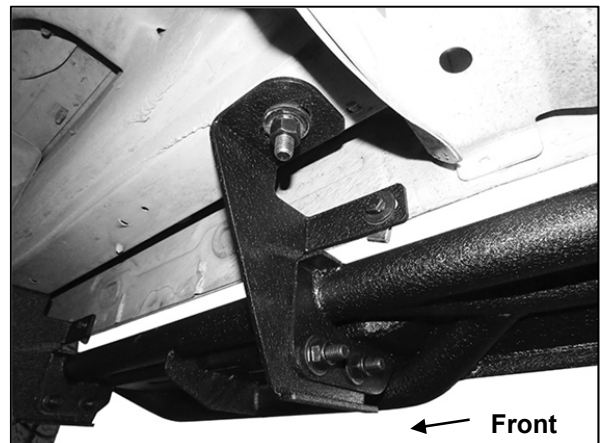
- (2) 10mm Hex Bolts**
- (4) 10mm Flat Washers**
- (2) 10mm Nylon Lock Nuts**



(Fig 33) Attach passenger/right Running Board to front and #2 Mounting Brackets



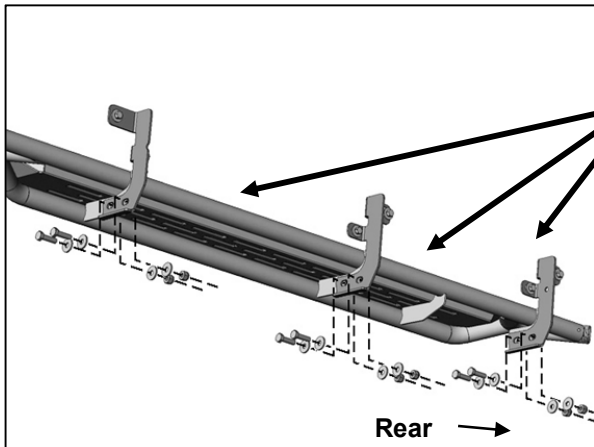
(Fig 34) Attach Running Board to back of passenger/right front Bracket



(Fig 35) Attach Running Board to back of passenger/right #2 Bracket

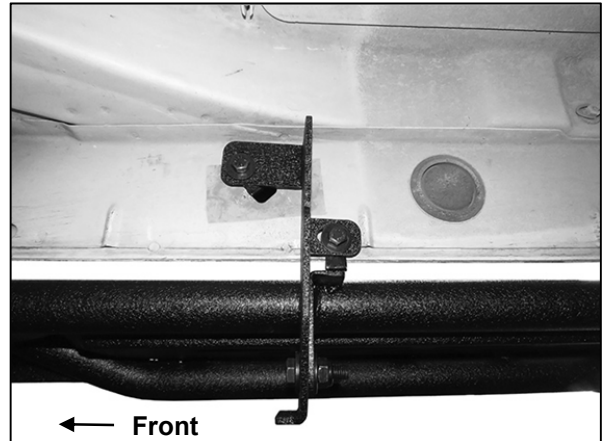
**NB1 RUNNING BOARDS
99-14 FORD ECONOLINE FULL SIZE VAN**

Passenger/right side installation pictured

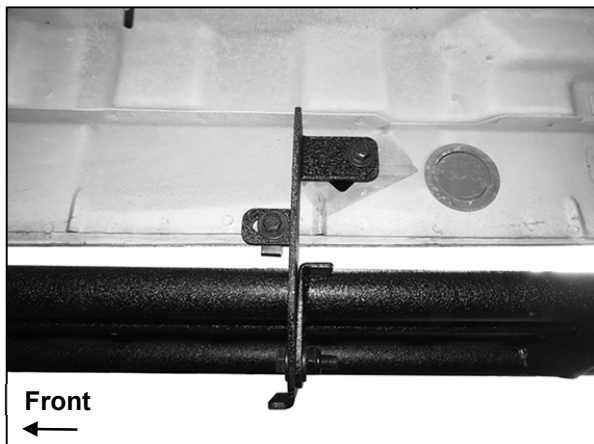


- (2) 10mm Hex Bolts
- (4) 10mm Flat Washers
- (2) 10mm Nylon Lock Nuts

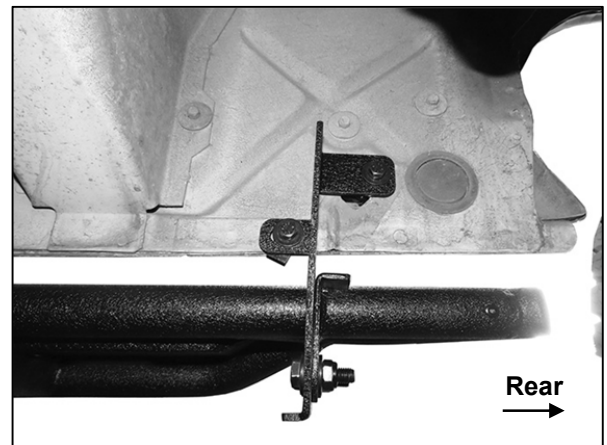
(Fig 36) Attach passenger/right Running Board to #3, #4 and rear Brackets



(Fig 37) Passenger/right #3 Bracket installation



(Fig 38) Passenger/right #4 Bracket installation



(Fig 39) Passenger/right rear Bracket installation pictured