

ALFO GRIP STEP

Anti-Skid Running Board

— Ram ProMaster —



INSTALLATION INSTRUCTIONS



DIFFICULTY
Easy



VEHICLE
Ram ProMaster

PARETO ALUMINUM SYSTEMS LLC

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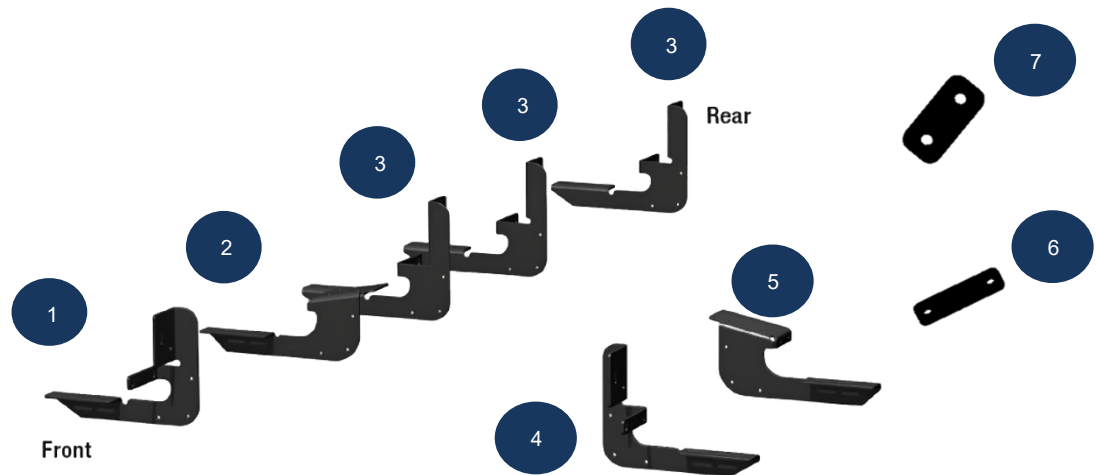
Tools Required

Socket, 1/2"
 Wrench, 1/2"
 Flat Screwdriver
 Putty Knife
 Marker
 Ratchet, ½" Drive
 Power Drill
 Drill Bit, 11/32"
 Drill Bit, 3/16"
 Straightedge, 12"– 24"
 Thread Locker (medium)

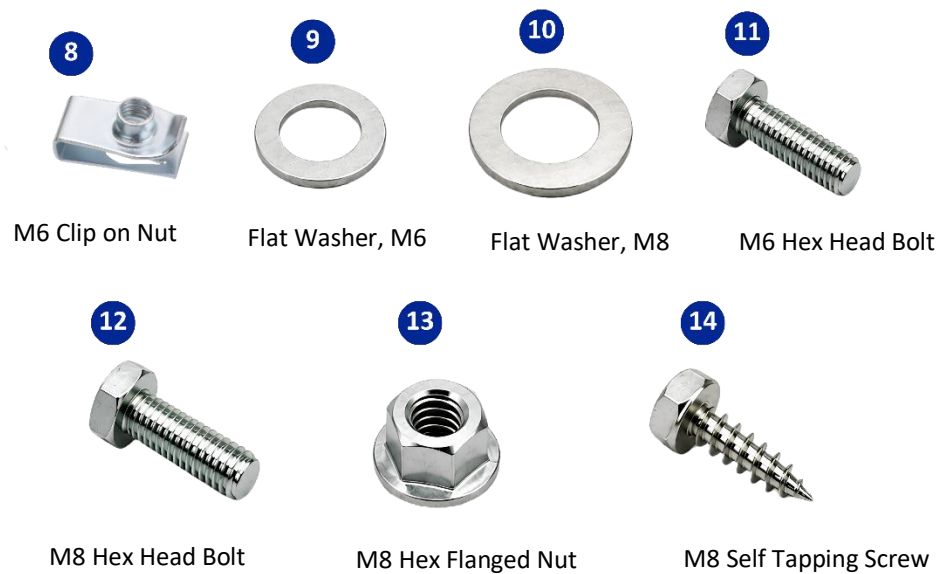
Introduction

The ALFO Grip Step is a heavy-duty aluminum anti-skid running board designed for commercial van conversions, providing a slip-resistant step surface. It is compatible with the Ram ProMaster.

Assembly Requirements - Bracket Hardware



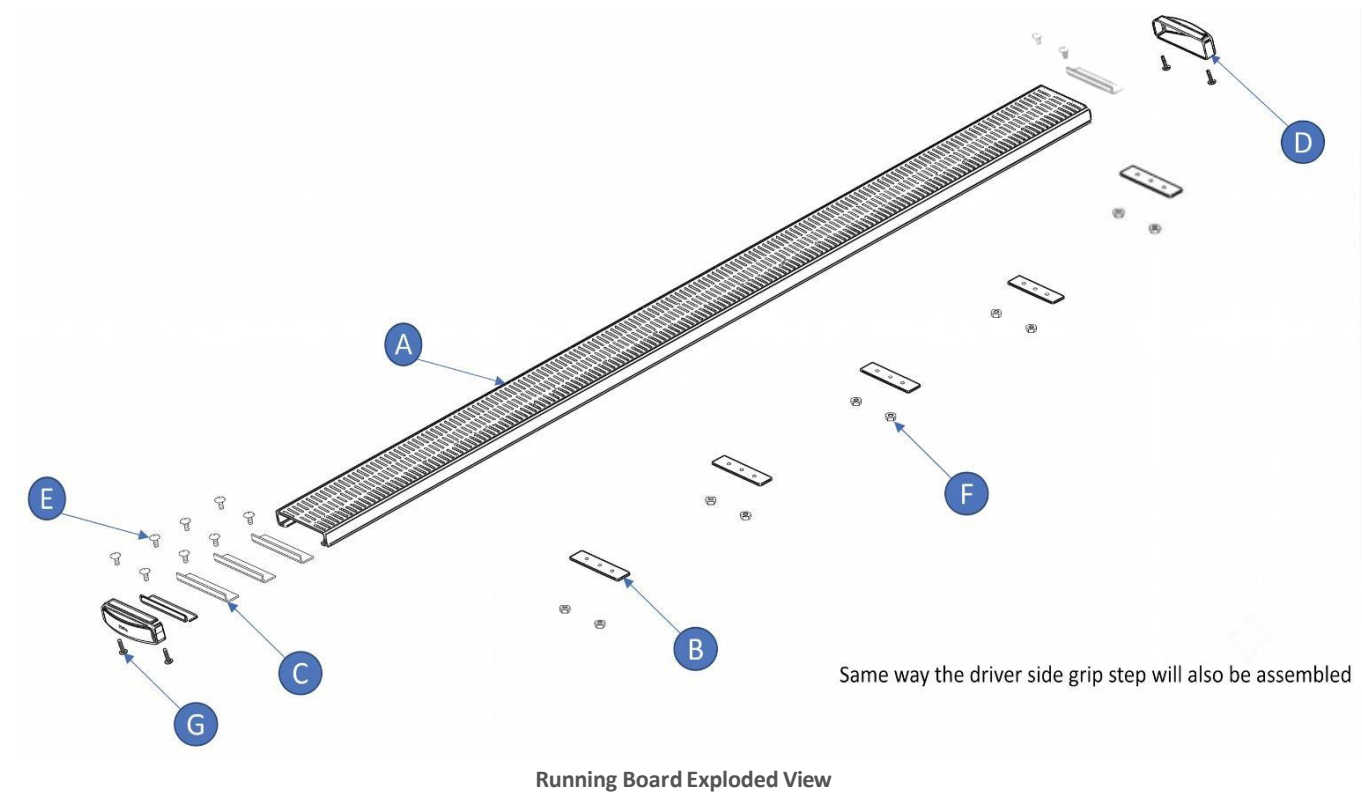
Bracket Components (3=Rear, 1=Front, 2=Mid, 4 & 5=Driver Side Plate, 6 & 7 = Retainer Plate)



Assembly Requirements

No.	Part No.	Description	Qty
1	B2 - 94 - 101A	Grip Step Bracket, Front Passenger	1
2	B2 - 94 - 102A	Grip Step Bracket, Mid Passenger	1
3	B2 - 94 - 103A	Grip Step Bracket, Rear Passenger	3
4	B2 - 94 - 104A	Grip Step Bracket, Front Driver	1
5	B2 - 94 - 105A	Grip Step Bracket, Rear Driver	1
6	B2 - 94 - 106A	Retainer Plate - Long	5
7	B2 - 94 - 107A	Retainer Plate – Short	2
8	STD	M6 Clip on Nut	4
9	STD	Flat Washer, M6	4
10	STD	Flat Washer, M8	14
11	STD	M6 Hex Head Bolt	4
12	STD	M8 Hex Head Bolt	14
13	STD	M8 Hex Flanged Nut	14
14	STD	M8 Self Tapping Screw	13

Assembly Requirements - Running Board Hardware



No.	Part No.	Description	Qty
A	B5-94-001A & B5-94-016A	Aluminum Anti-Skid Plate	2
B	B5-94-014A	Bottom Plate	7
C	B5-94-013A	Top MTG Angle	7
D	B5-94-002A	Side Cover	4
E	STD	Carriage Square Neck / Hex Bolt, M8x25 SST	16
F	STD	M8 Hex Flanged Nut	16
G	STD	Screw Self Tap #8-18x1/2", SST, BLK	8

DRIVER SIDE INSTALLATION

Step 1 As shown in **Figure 1**, mark the pinch weld for the front hole of each bracket (4 & 5). Position the front bracket (4) hole 7" behind the wheel well and the rear bracket (5) hole 34-3/8" behind the wheel well.

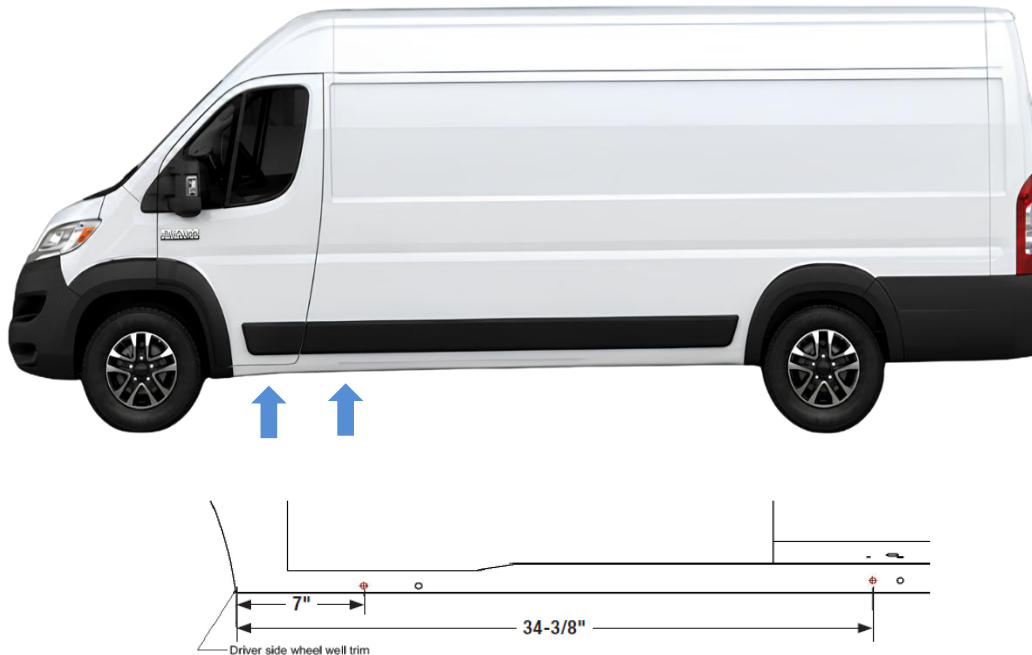


Figure 1

Driver Side - Front Bracket Installation

Step 2 Position the front driver-side bracket (4) at the first marked location on the pinch weld. Hold the bracket in place and mark the second mounting hole. Make sure there is enough clearance behind the pinch weld for the retainer plate and hardware to fit properly.

Step 3 After marking the hole locations, drill an 11/32" hole at each marked location. Secure the bracket to the pinch weld using the supplied M8 Hex Head Bolt x 2, M8 Flat Washer x 2, M8 Hex Flanged Nut x 2, and long retainer plate x 1. Do not drill the upper mounting hole currently. It will be drilled later in the installation.

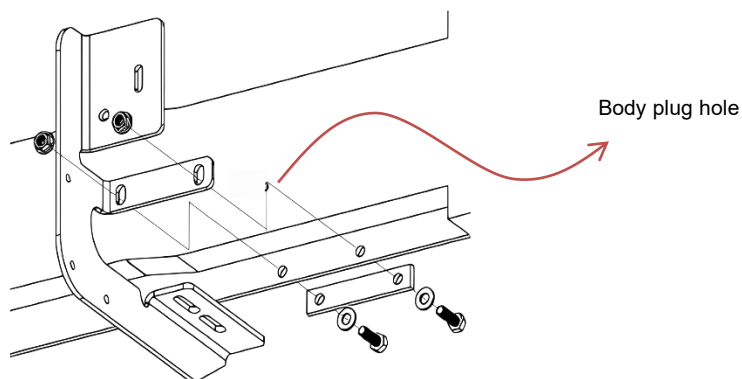


Figure 3

Step 4 Adjust the front bracket (4) and Mark the center of the upper slotted hole, then remove the bracket and drill an 11/32" hole at the marked location.

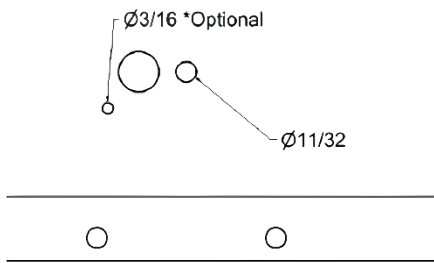


Figure 4

Step 5 Remove the body plug adjacent to the 11/32" hole and install the supplied M6 Clip-on Nut. Reinstall the bracket and secure the upper mounting point using the supplied M6 Hex Head Bolt and M6 Flat Washer. If the optional hole was drilled, install the supplied M8 Self-Tapping Screw. Tighten all M8 fasteners to 35 ft-lb (47 N·m).

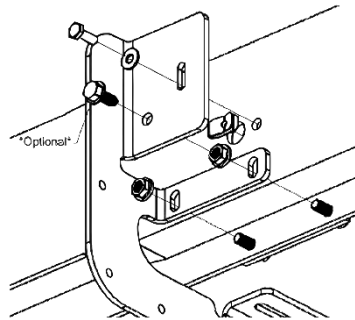


Figure 5

Driver Side - Rear Bracket Installation

Step 6 Position the **rear bracket (5)** against the inside of the pinch weld, aligning it with the second marked hole. Secure the bracket in place using a clamp. If necessary, remove any undercoating to ensure the bracket sits flush against the pinch weld. Using the bracket as a template, mark the centers of the two mounting holes on the pinch weld and the two holes on the angled surface nearest the body plug.

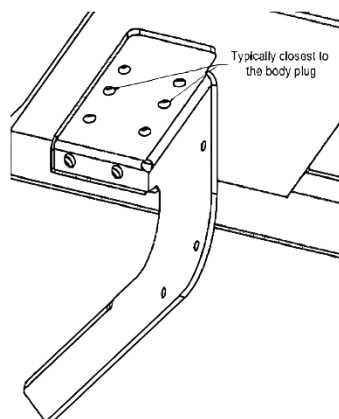


Figure 6

Step 7 Once four holes have been marked, drill the two holes in the pinch weld and the rear hole on the angled surface using an 11/32" drill bit. Drill the front hole on the angled surface using a 3/16" drill bit.

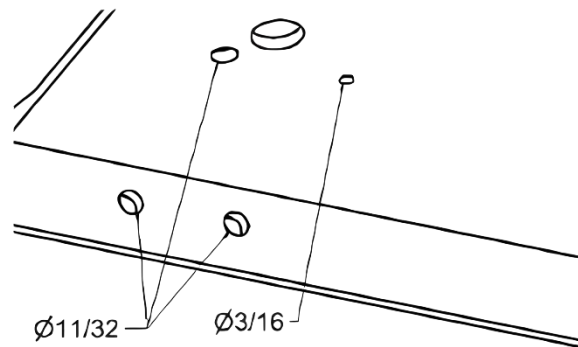


Figure 7

Step 8 Remove the body plug on the angled surface near the rear of the vehicle, adjacent to the 11/32" hole. Slide the M6 Clip on Nut over the 11/32" hole. Position the bracket and secure it to the pinch weld using the supplied M8 Hex Head Bolts x2, M8 Flat Washers x2, M8 Hex Flanged Nut x2, and Retainer Plate (Short) x1. Do not fully tighten the hardware at this stage. Install a M6 Hex Head Bolt x1 and M6 Flat Washer x1 through the M6 Clip on Nut hole, then install the M8 Self-Tapping Screw through the 3/16" hole. Tighten all hardware by securing the second bracket.

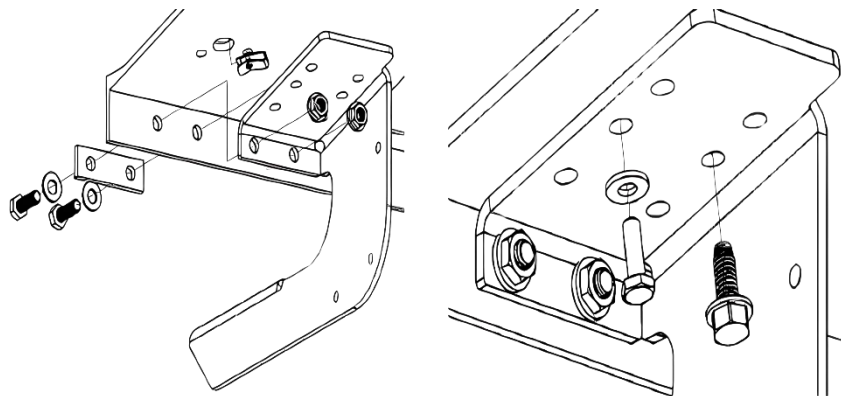


Figure 8

PASSENGER SIDE REAR BRACKET INSTALLATION

Step 9 Measure from the front wheel well and mark the front hole for each of the three same rear brackets as follows:

- First marking for bracket (3): 48-7/8"
- Second marking for bracket (3): 66-7/8"
- Third marking for bracket (3): 95-7/8"

Position a bracket at each marked location and mark the second hole on the pinch weld. Drill all marked holes using an 11/32" drill bit. Secure each bracket to the pinch weld using the supplied M8 Hex Head Bolts x6, M8 Flat Washer x6, M8 Hex Flanged Nut x6, and Retainer plates (Long) x3.

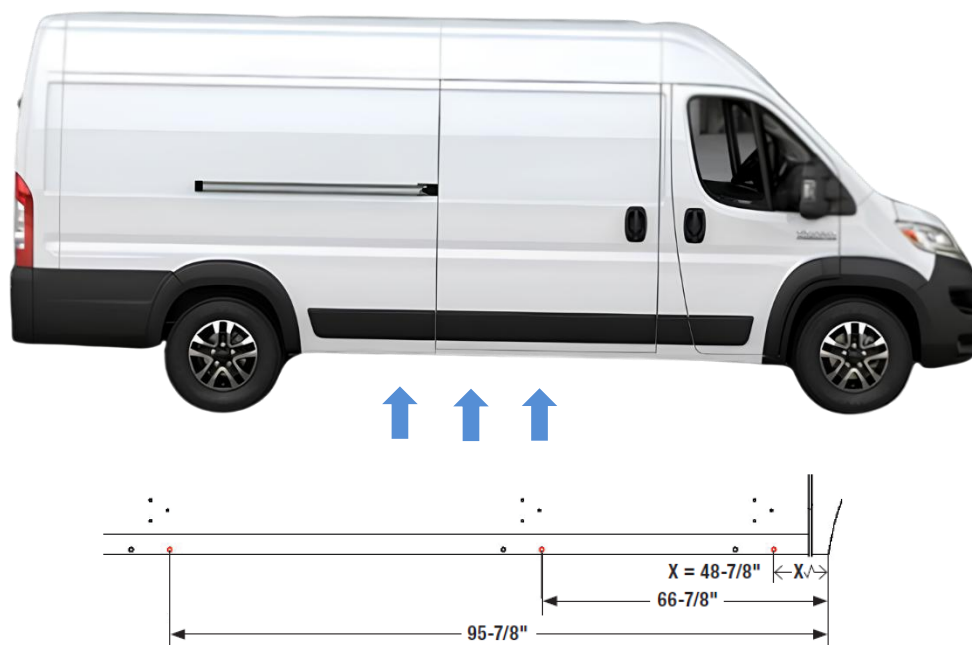


Figure 9

Step 10 Using the running board or a level as a guide, align the three rear brackets with the first two brackets and mark one of the three upper holes on each bracket. Marking the remaining holes is optional. Remove the brackets and drill the marked holes using a 3/16" drill bit.

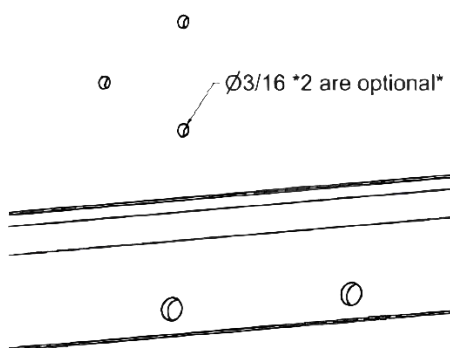


Figure 10

Step 11 Reattach the brackets to the pinch weld and install a M8 Self-Tapping Screw x3 in each upper hole. Tighten all hardware to the recommended torque specifications listed below. Repeat for all three identical rear brackets.

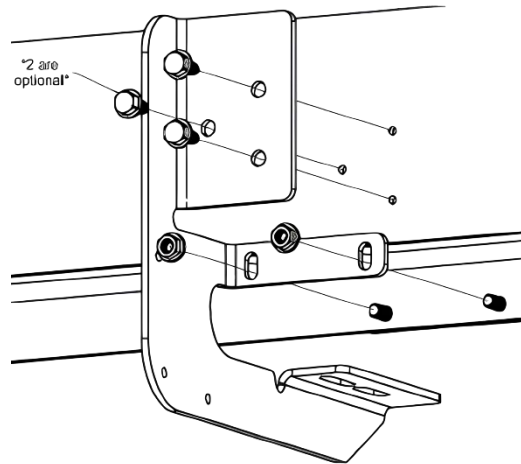
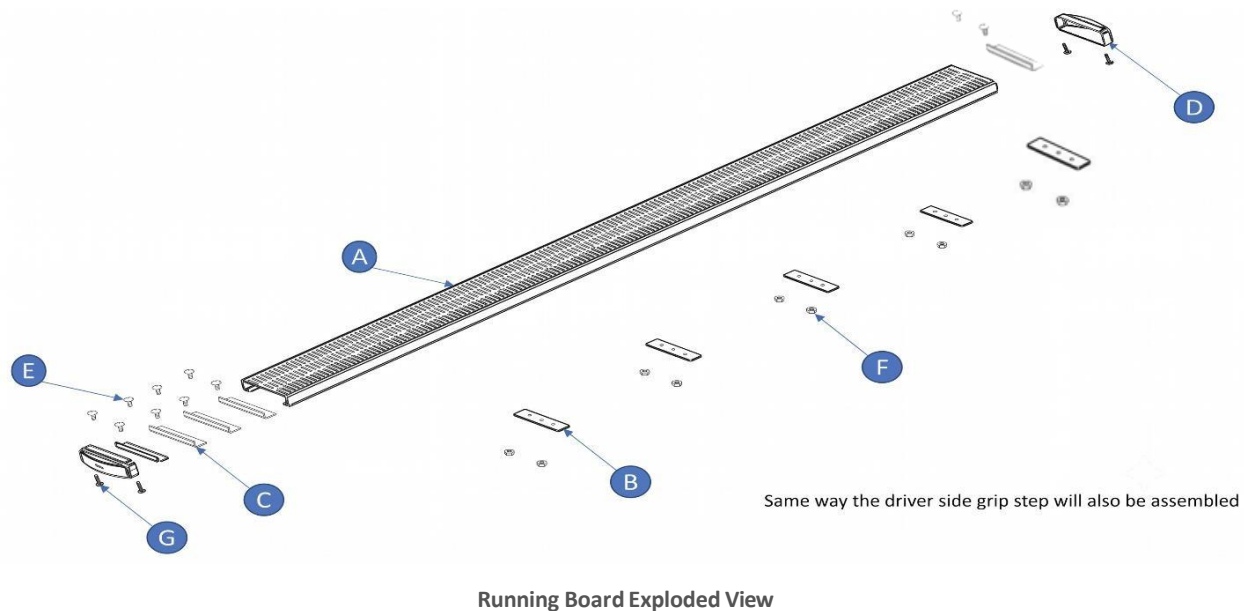


Figure 11

Step 12 Repeat Steps 1–8 to install the Front Passenger Bracket (1) and Mid Passenger Bracket (2).

Running Board Assembly

Step 13 With all brackets installed and snug on both sides, assemble the running board and place it onto the brackets. Repeat this procedure for the driver-side running board.



- Place the Aluminum Anti-Skid Plate (Item A) face down on a clean, flat surface.
- Position the seven Top Mounting Angles (Item C) along the underside of the plate, aligning them with the bracket mounting locations.
- Place the seven Bottom Plates (Item B) beneath each Top Mounting Angle.
- Insert the Carriage Bolts (Item E) through each Top Mounting Angle and Bottom Plate. Secure them with M8 Flange Hex Nuts (Item F). Snug the hardware, but do not fully tighten.
- Fit the four Side Covers (Item D) onto the ends of the running board. Secure each Side Cover with two Self-Tapping Screws (Item G).
- With assistance, lift the running board and position it onto the installed brackets. Verify that it is level and fully seated on all brackets.

Final Tightening & Torque

Step 14 Place the running board onto the brackets. Once it is level, tighten all bracket hardware, starting from the center and working outward. Torque all M8 fasteners to **35 ft-lb (47 N·m)**. Reinstall the plastic rocker molding push pins, if removed during installation. Apply medium-strength thread locker to the bolt threads where required.

WARNINGS ⚠

- This product must be installed by a qualified technician with experience in vehicle modification and hardware installation.
- Do not modify, cut, or alter any components. Modifications void the warranty and may compromise safety.
- Ensure the vehicle is parked on a level surface with the engine off and the parking brake fully engaged before installation
- Do not install anchorages in unsound materials such as corroded metal, cracked plastic, wood, or fiberglass without appropriate reinforcement.
- Inspect all hardware for damage before installation. Do not use damaged or worn components.
- Always use the hardware provided in the kit. If replacement hardware is required, use only Grade 8 hardware with adequate corrosion protection in accordance with ISO 7253 or ASTM B117.
- Verify that all bolts are tightened to the recommended torque values upon final installation.
- Regularly inspect the running board and all fasteners for wear, corrosion, or loosening after every use.
- Pareto Aluminum Systems LLC accepts no liability for improper installation or use of non-specified hardware.
- The installer bears full responsibility for ensuring that the installation adheres to all relevant local regulations and standards.

MAINTENANCE & CARE

- Periodically inspect all mounting brackets and hardware for signs of corrosion, loosening, or physical damage.
- Clean the anti-skid surface regularly with mild soap and water. Avoid harsh solvents or abrasive cleaners that may degrade the grip surface.
- Re-torque all fasteners to 35 ft-lb (47 N·m) after the first 500 miles of use and annually thereafter.
- If any component is bent, cracked, or significantly corroded, replace it immediately. Do not continue using damaged parts.
- Lubricate bracket pivot points and bolt threads annually with an appropriate anti-corrosion lubricant.
- Reapply medium-strength thread locker to any bolt removed and reinstalled.
- After any vehicle impact or collision, replace all affected components, including any permanently fixed brackets.



Aluminum Systems LLC

If you have any questions, comments or concerns, or need additional information, please do not hesitate to contact us:



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