

ALFO GRIP STEP

Anti-Skid Running Board

— Ford Transit —



INSTALLATION INSTRUCTIONS



DIFFICULTY
Easy



VEHICLE
Ford Transit

PARETO ALUMINUM SYSTEMS LLC

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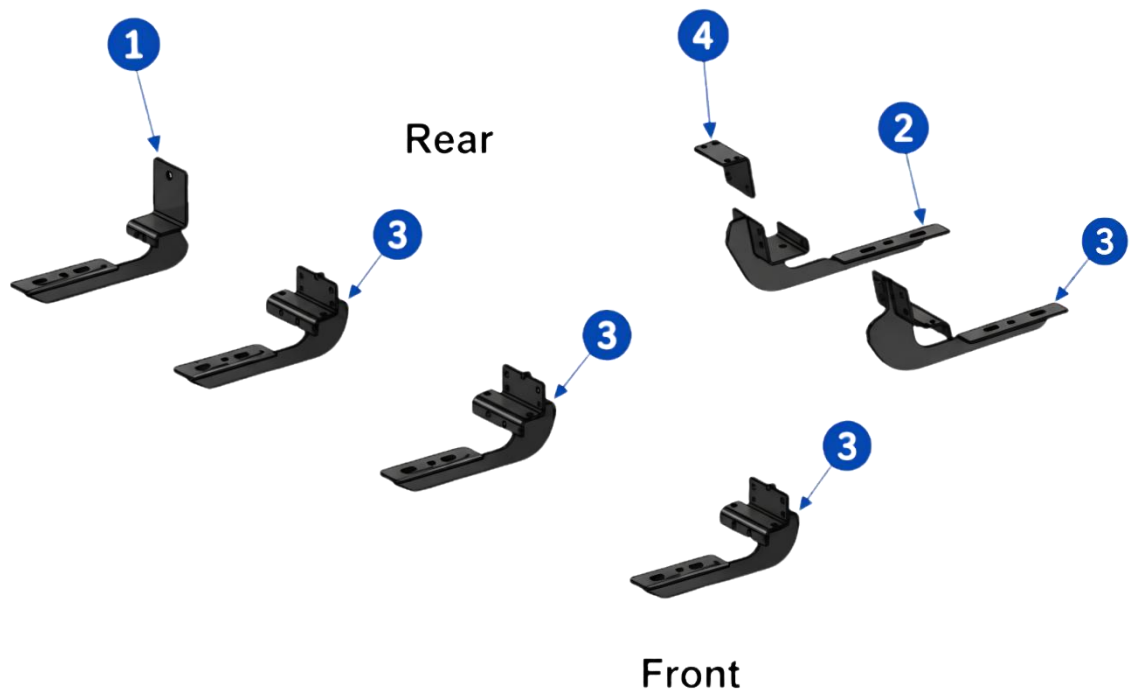
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Tools Required
Socket, 1/2"
Wrench, 1/2"
Flat Screwdriver
Putty Knife
Marker
Ratchet
Power Drill
Drill Bit, 3/8"
Drill Bit, 3/32"
Drill Bit, 19/64"
Thread Locker (medium)

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 Ford Transit.

Assembly Requirements - Bracket Hardware



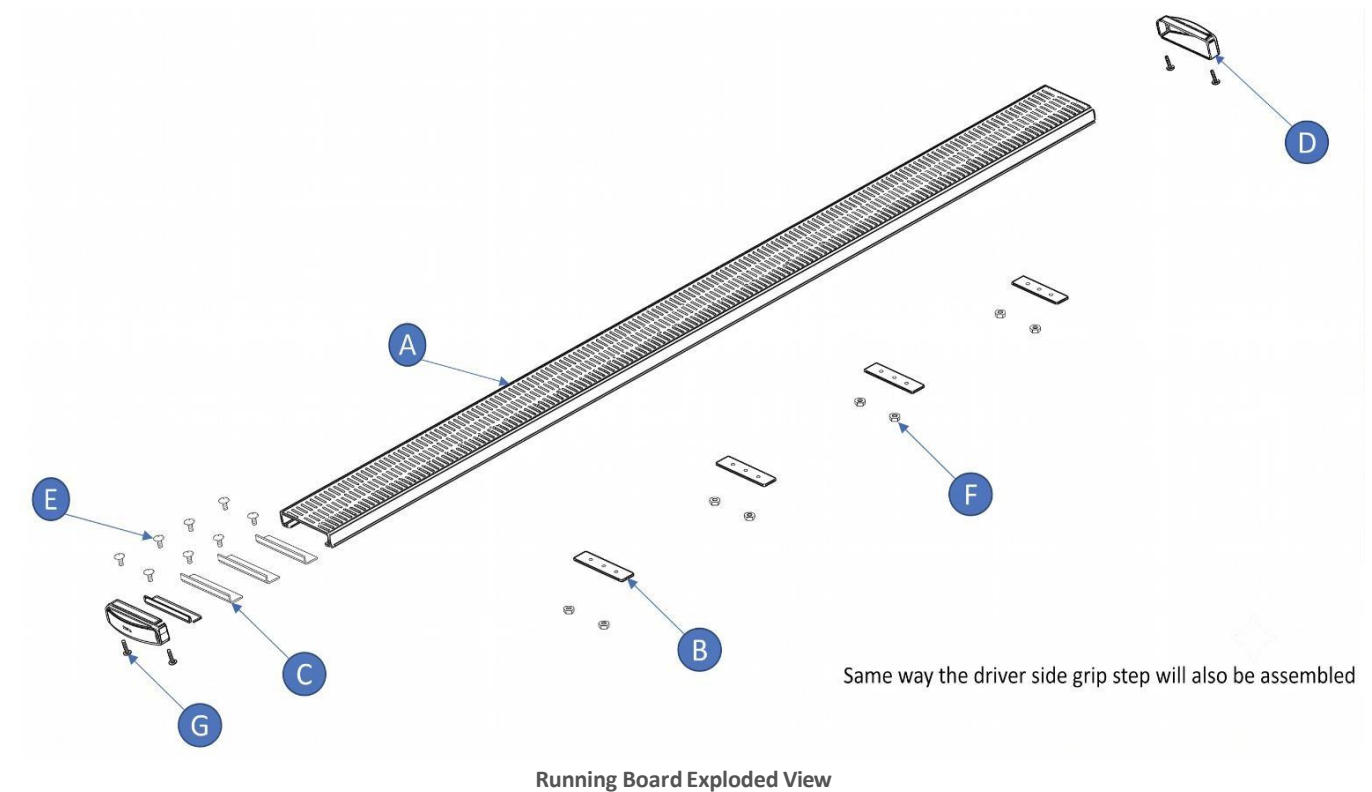
Bracket Components (1=Rear, 2=Front, 3=Mid, 4=Driver Side Plate)



Assembly Requirements

No.	Part No.	Description	Qty
1	B5-94-010A	Bracket 1 - Rear Mounting Bracket	1
2	B5-94-007A	Bracket 2 - Front Mounting Bracket	1
3	B5-94-030A	Bracket 3 - Middle Mounting Bracket	4
4	B5-94-017B	Driver Side Bracket Plate (AC Mounting Bracket)	1
5	STD	Flange Hex Nut, M8	28
6	STD	Thread Cutting Bolt, M8x25mm	14
7	STD	Washer, M8	24
8	STD	Hex Bolt, M8x25mm	8
9	STD	Plastic Spacer (OD 25mm, ID 9mm, Thk 6.5mm)	8
10	STD	T-Bolt Weldment	1
11	STD	U-Bolt, M8x3.75" (c-to-c), Thread 28mm	4
12	STD	Lock Washers, M8	12
13	STD	Bolt Retainer	9
14	STD	Clip Nut, M8	12

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	6
C	B5-94-013A	Top MTG Angle	6
D	B5-94-002A	Side Cover	4
E	STD	Carriage Square Neck / Hex Bolt, M8x25 SST	14
F	STD	Flange Hex Nut, M8	14
G	STD	Screw Self Tap #8-18x1/2", SST, BLK	8

PASSENGER SIDE INSTALLATION

Step 1 Begin on the passenger side and identify the four mounting points (refer to **Figure 1**). Position each bracket at its designated mounting point and mark the holes on both the rocker panel and pinch weld.

Note: Ford Transit vans are available in two configurations:

- If the van has factory fitted studs, go to **step 3A**.
- If the van has no factory fitted studs, go to **step 3B**.

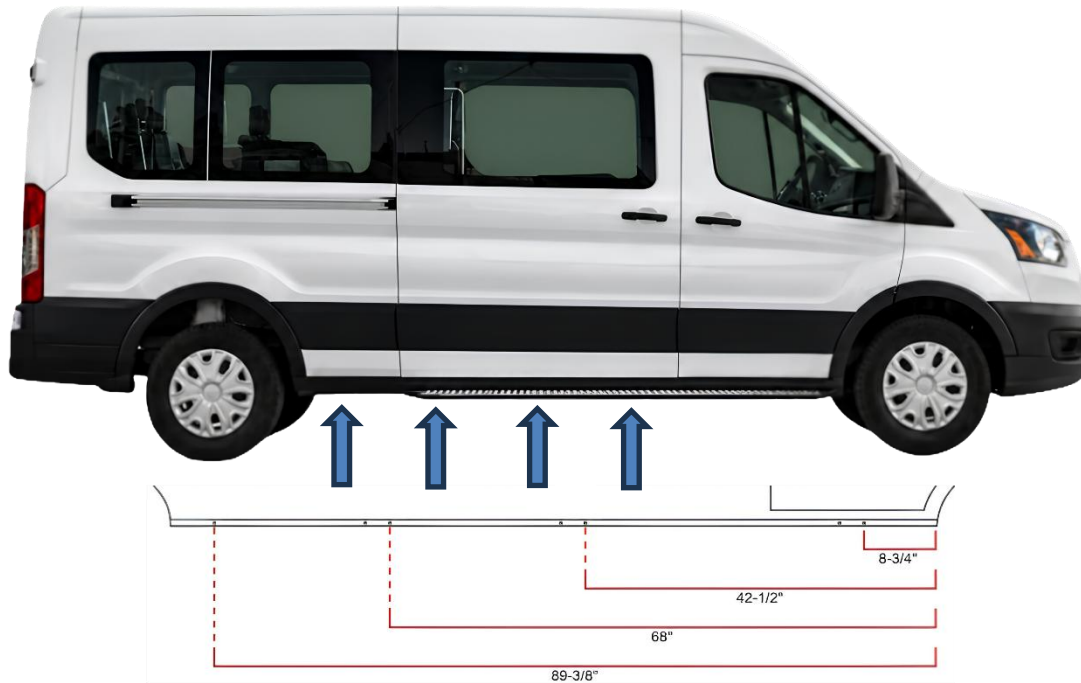


Figure 1 - Four Mounting Points Along Rocker Panel

Step 2 From the underside of the plastic rocker molding, use a **flat-head screwdriver** to release the bottom push pins, as shown in **Figure 2**.

NOTE: Do not completely remove the plastic trim shown in **Figure 2A**. Release only bottom push pins.

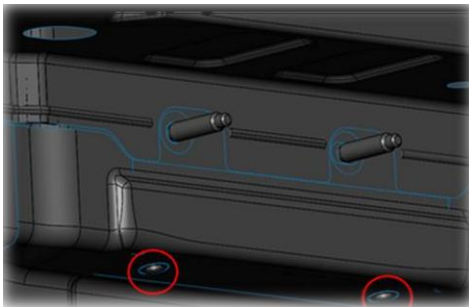


Figure 2 - Push Pin Location on Rocker Molding



Figure 2A

Step 3a

- Slide two black spacers into the factory studs, then position the front bracket over the studs.
- Secure the front bracket using two **M8 Flange Hex Nuts (Item 5)** on the factory studs and two **M8 Thread-Cutting Bolts (Item 6)** with two **M8 Lock Washers (Item 12)** in the factory holes at the bottom of the rocker panel.
- Snug the hardware, but do not fully tighten. Repeat this procedure for the second and third mounting points (see **Figure 3A**).



Figure 3a

Step 3b

- Locate the first bracket mounting position and mark the hole locations. Drill pilot holes using a **3/32" drill bit**, then enlarge them using a **3/8" drill bit**.
- Slide two **M8 Clip Nuts (Item 14)** onto the lower holes in the pinch weld, then insert the **3.75" U-Bolt (Item 11)** through the two upper drilled holes and secure it with two **Bolt Retainers (Item 13)**.
- Slide two black spacers onto the U-Bolt studs, position the front bracket over the studs, and secure it using two **M8 Flange Hex Nuts (Item 5)** on the U-Bolt studs and two **M8 Hex Bolts (Item 8)** with two **M8 Lock Washers (Item 12)** into the Clip Nuts.
- Snug the hardware, but do not fully tighten. Repeat this procedure for the second and third mounting locations (see **Figure 3B**).



Figure 3b

Step 4

- Locate the fourth mounting position and Repeat **Step 3A** or **Step 3B**, depending on your vehicle configuration to drill the lower mounting holes.
- Insert the M8 T-Bolt Weldment (Item 10) into the factory slot and secure it with a Bolt Retainer (Item 13).
- Slide two M8 Clip Nuts (Item 14) onto the drilled holes in the pinch weld, then position the rear mounting bracket over the T-Bolt. Secure the bracket using one M8 Flange Hex Nut (Item 5) and two M8 Hex Bolts (Item 8) with two M8 Lock Washers (Item 12).
- Snug the hardware, but do not fully tighten (see Figure 4). Repeat Steps 1–3 on the driver side for the first mounting position.



Figure 4

MOVING TO THE DRIVER SIDE INSTALLATION

Step 5 On the driver side, assemble the AC bracket by securing the Driver-Side Bracket Plate (Item 4) to the AC Top Mounting Bracket using two M8 Hex Bolts (Item 8), two M8 Washers (Item 7), and two M8 Flange Hex Nuts (Item 5), as shown in **Figure 5**.

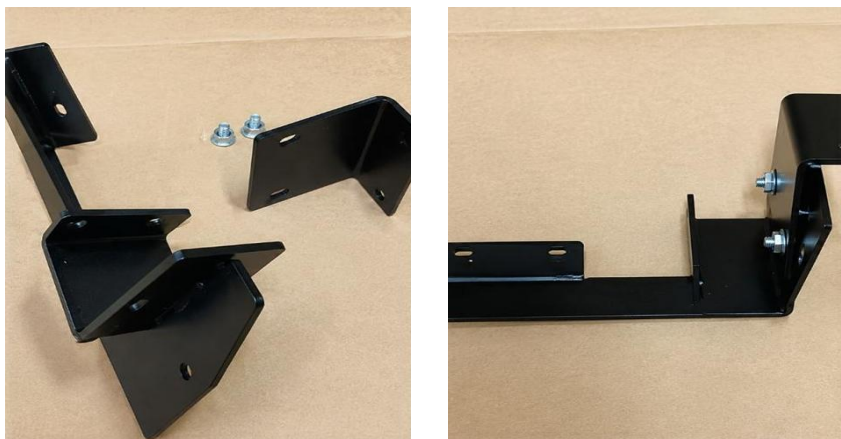


Figure 5

Step 6 Insert the assembled AC bracket along the pinch seam and mark the locations of the four holes, as shown in **Figure 6**. Drill the upper holes using a 19/64" drill bit and the lower holes using a 3/8" drill bit before installing the hardware.



Figure 6

Step 7

- Slide two M8 Clip Nuts (Item 14) onto the lower drilled holes and secure the AC bracket using two M8 Hex Bolts (Item 8) and two M8 Lock Washers (Item 12).
- For the upper holes, secure the AC bracket using two M8 Thread-Cutting Bolts (Item 6) and two M8 Lock Washers (Item 12). Tighten the hardware until it is snug, but do not fully tighten at this stage.

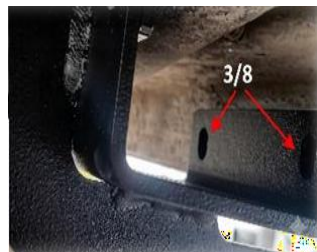


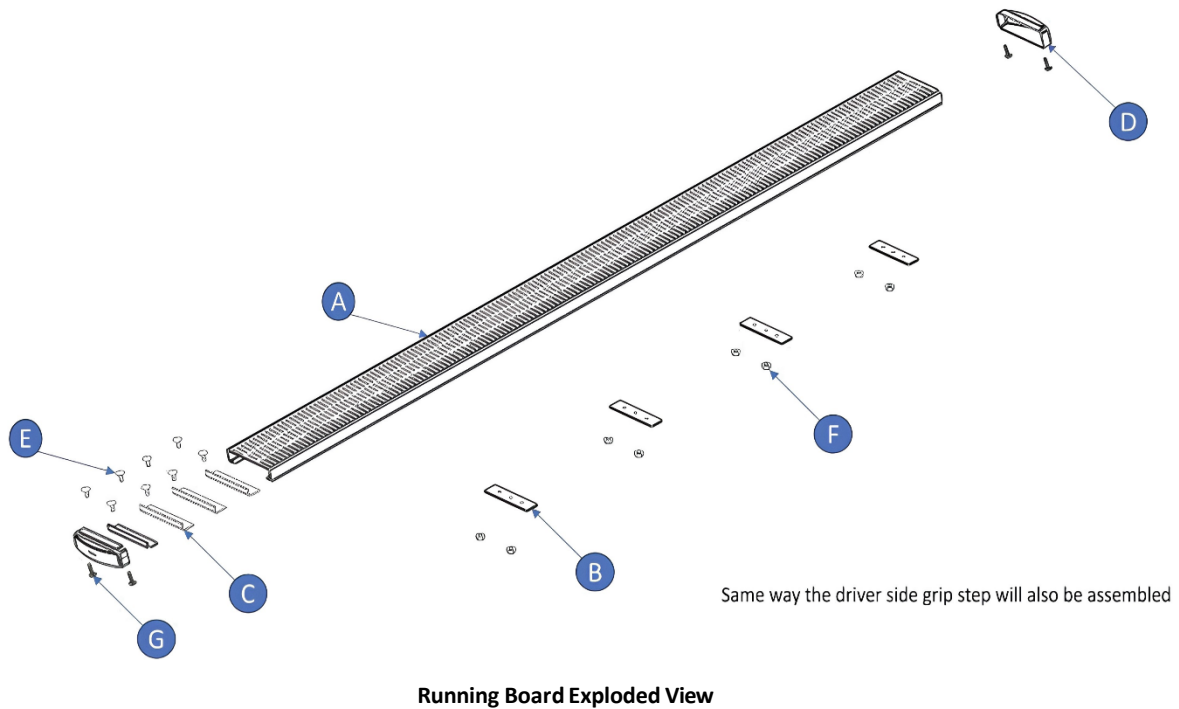
Figure 7 - Drill Bit Sizes 19/64" (upper) and 3/8" (lower)



Figure 8 - Clip Nuts Installed

Running Board Assembly

Step 8 With all brackets installed and snug on both sides, assemble the running board and place it onto the brackets. Assemble the driver-side running board in the same manner



- Place the Aluminum Anti-Skid Plate (Item A) face down on a clean, flat surface.
- Position the six Top Mounting Angles (Item C) along the underside of the plate, aligning them with the bracket mounting locations.
- Place the six 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 9 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 removed in Step 2. 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.



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



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