



SERVICE BULLETIN

SPRINTER VAN SIDE STEPS - 144" AND 170"

SP1114B + SP1119B



TOOLS REQUIRED (NOT INCLUDED)

- + ANGLE GRINDER WITH METAL CUTOFF WHEEL
- + BENCH VISE
- + SAFETY GLASSES AND GLOVES
- + METAL FILE

INSTALL INFO

TIME TO INSTALL THIS PRODUCT: 30 MIN

Additional help is suggested for a few of the install steps.

BEFORE YOU START

Please inspect the product and packaging upon delivery to ensure there are no issues and that all parts and hardware are accounted for.

Contact us ASAP if anything is missing at:

support@flatlinevanco.com

FVC SIDE STEP SERVICE BULLETIN: HANGAR BRACKET MODIFICATIONS

Applies to: Sprinter Cargo Vans with mounted undercarriage accessories or Sprinter Passenger Vans (FIG A) with interfering factory components (FIG B).

Issue: Certain factory or aftermarket undercarriage accessories (e.g., auxiliary heaters, A/C units, water tanks) may interfere with the standard installation location of the **Side Step Hangar Brackets**. This interference can prevent proper seating of the bracket against the pinch seam.

Solution: The **Hangar Brackets** may need to be modified by trimming the top portion of the bracket to provide the necessary clearance around existing accessories mounted to the van's undercarriage.

Important Note: The need for modification is variable based on the configuration of the van. Always perform a dry fit to determine if trimming is necessary. The modification should only be performed on the **Hangar Brackets** themselves and should not compromise the mounting holes used to attach the bracket to the van body.

TOOLS REQUIRED FOR THIS STEP:



FIG A



FIG B

FVC SIDE STEP SERVICE BULLETIN: HANGAR BRACKET MODIFICATIONS

1. Identify Interference Points: Before drilling any pilot holes, dry fit the **Hangar Bracket** against the **Pinch Seam** at its marked location (refer to **Step 04B, section 4.1b + 4.2b**). Mark the specific area of the bracket that conflicts with the undercarriage accessory (e.g., fuel tank straps, plastic molding, accessory housing).

2. Mark the Cut Line: Mark a line along the top-sides of the **Hangar Bracket** indicating the material that needs to be removed to clear the obstacle (**FIG C**).

3. Secure the Bracket: Secure the **Hangar Bracket** firmly in a bench vise, ensuring the section to be cut is easily accessible and the bracket is stable.

4. Perform the Cut: Using an angle grinder with a metal cutting wheel, carefully and precisely cut along the marked line. Exercise caution to ensure a straight, clean cut and avoid removing more material than necessary (**FIG D**).

Safety Note: Wear appropriate PPE. Sparks and hot metal fragments will be produced.

5. Clean and Finish: After cutting, smooth any sharp edges or burrs left by the cutting process (**FIG E**).

6. Verify Clearance (Dry Fit): Re-dry fit the modified Hangar Bracket to the van's pinch seam to confirm that sufficient clearance has been achieved and the bracket now sits flush against the pinch seam and aligns with the centerline notch (**FIG F**).

7. Proceed with Installation: Once clearance is confirmed, proceed with the rest of **Step 04B**, beginning with drilling the pilot holes (**Step 4.4b**) and securing the bracket (**Step 4.5b**).

TOOLS REQUIRED FOR THIS STEP:

- + ANGLE GRINDER WITH METAL CUTOFF WHEEL
- + BENCH VISE
- + SAFETY GLASSES AND GLOVES
- + METAL FILE

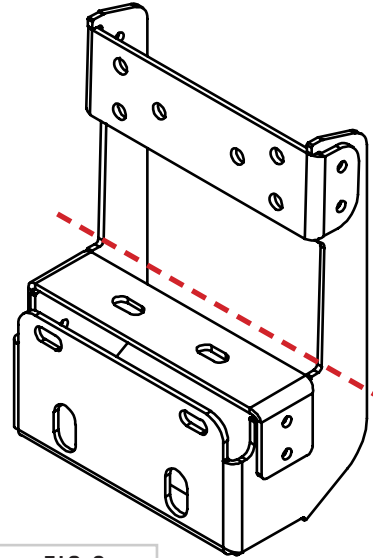


FIG C



FIG D



FIG E



FIG F

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The **D1 Brace (FIG G)** is a supplemental bracket designed to provide extra rigidity for the Side Step assembly. Due to the fixed location of the **Auxiliary Heater Lines (FIG H)**, the **D1 Brace** cannot be installed as directed.

Solution Options:

Option 1: Omit the D1 Brace

If the auxiliary heater lines cannot be safely moved, the simplest solution is to omit the installation of the **D1 Brace** entirely.

The Side Step system will still be securely fastened using the **Hangar Brackets** and will function safely for its intended use (as a step).

NOTE - Omitting the **D1 Brace** will result in a minor reduction in the step's overall stiffness compared to an installation where the **D1 Brace** is used.

Option 2: Reroute Auxiliary Heater Lines

If maximum step rigidity is desired, the auxiliary heater lines must be safely rerouted to clear the area required for the **D1 Brace**.

This process requires specialized knowledge and tools to disconnect, reroute, and reconnect the lines.

WARNING: This work involves handling pressurized fluid and/or fuel lines. Extreme caution must be taken, and it is highly recommended that this task be performed by a certified technician.

TOOLS REQUIRED FOR THIS STEP:



FIG G



FIG H