



INSTALLATION GUIDE

SPRINTER VAN REAR DOOR LADDERS (DRIVER AND PASSENGER SIDES)

SP0203B + SP0204B



TOOLS REQUIRED (NOT INCLUDED)

- + 9/16" WRENCH OR SOCKET
- + 7/16" SOCKET
- + 7/32" ALLEN KEY
- + 13/32" DRILL BIT
- + POWER DRILL
- + AUTO PANEL REMOVAL TOOL
- + PAINTER'S TAPE
- + RUST PREVENTATIVE PAINT
- + MEASURING TAPE
- + MARKER

INSTALL INFO

TIME TO INSTALL THIS PRODUCT: 1 HOUR

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.

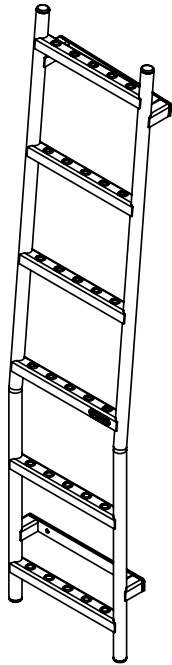
Contact us ASAP if anything is missing at:
support@flatlinevanco.com

BEFORE YOU START

All Flatline Van Co products must be properly assembled and secured before attaching to your vehicle. Improper attachment could result in an automobile accident, and could cause serious bodily injury or death to you or to others involved. You are responsible for assembling and securing Flatline Van Co products to your vehicle, checking the mounting points and attachments prior to use, and regularly inspecting the products for wear and or damage. We always recommend you use a professional to install any aftermarket accessories to your vehicle. If you have no mechanical experience and are not thoroughly familiar with the installation procedures, you must have the product installed by a professional installer or other qualified persons. The responsibility is yours and must be taken seriously for everyone's safety.

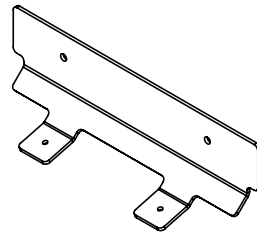


PACKAGE CONTENTS



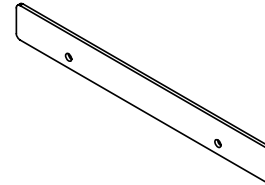
REAR LADDER WELDMENT (DRIVER
OR PASSENGER SIDE)

QTY: 1



LOWER BACKER PLATE

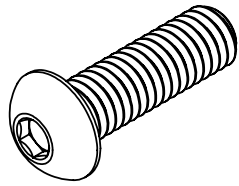
QTY: 1



UPPER BACKER PLATE

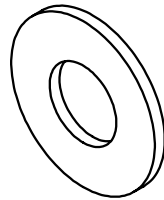
QTY: 1

HARDWARE



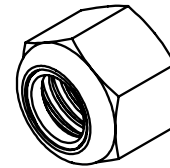
3/8-16 X 1.25 BUTTON HEAD
HEX DRIVE SCREW

QTY: 4



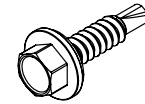
3/8" FLAT WASHER

QTY: 4



3/8-16 NYLON LOCKNUT

QTY: 4



1/4 X 1 SEALING WASHER
DRILLING SCREWS

QTY: 2

INSTALL

TOOLS REQUIRED FOR THIS STEP: + AUTO PANEL REMOVAL TOOL

STEP | 01 LAYOUT AND INSTALL PREP

1.1 Door Panel Removal: If applicable, start by removing the lower interior door panel (**FIG 1**) and any obstructions in the areas shown in **FIG 2** (wires, insulation, etc.). We recommend using plastic panel removal tools (easily found at harbor freight or similar). Be gentle when prying as to not break the factory panel clips. Once you get the first few popped you should be able to pull it the rest of the way with your hands.

NOTE- You may have any number of different door configurations- stock full trim (**Pictured FIG 1**), stock half trim, stock panel, upholstered wood, etc. Each require their own removal method.

Note for NCV3 Models - For NCV3 Models, align the ladder to rest on the side bumper when the door is fully open. Some models may have conflicts with the ladder and the bumper on the back door. In this case, either purchase a shorter bumper or adjust the ladder position to avoid conflicts.

Note for VS30 Models with 270° Hinges - For VS30 Models equipped with 270° Hinges, the ladder may contact the side of the van. Place a rubber bumper or neoprene cushion where contact could occur to protect the vehicle's paint from scratches.

NOTE- Sometimes the clips will get stuck in the door. All you need to do is pop them out and slide them back in to their location on the trim panel.

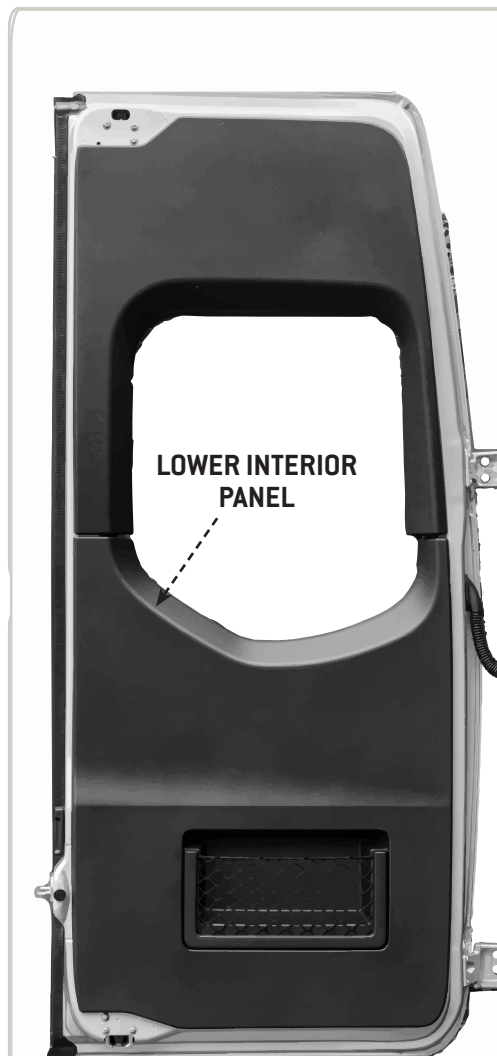


FIG 1

*FULL STOCK TRIM



FIG 2

- TOOLS REQUIRED FOR THIS STEP:**
- + MEASURING TAPE
 - + MARKER
 - + PAINTER'S TAPE
 - + 13/32" DRILL BIT
 - + POWER DRILL

STEP | 02 DRILL FOR BACKER MOUNTS

2.1 Prepare for Drilling: Move to the exterior of the van to mark the first hole. Apply a layer of painter's tape over the mounting areas to protect the paint from scratches during drilling.

2.2 Mark Lower Backing Plate Mounting Hole: Seat the **Lower Backing Plate** in the door cavity and mark your drill hole through the bracket. Double-check your measurements before drilling. The drill hole should be **roughly 11.25"** from the **center door seam** and **15"** up from the **bottom door seam**.

NOTE - *These measurements are guidelines only. Be sure that all measurements are accurate before drilling.*

2.3 Drill the First Hole and Position the Ladder: Once the hole is drilled, have a helper assist in loosely bolting the ladder in place. Align the ladder to your preference (following the door seam line is recommended), and mark the remaining hole locations through the mounting brackets.

2.4 Drill Remaining Holes: After marking the hole locations, remove the ladder and drill out the remaining mount holes.

2.5 Paint Raw Edges: To prevent rust, it is recommended to paint around the drilled holes.



FIG 3



FIG 4



FIG 5

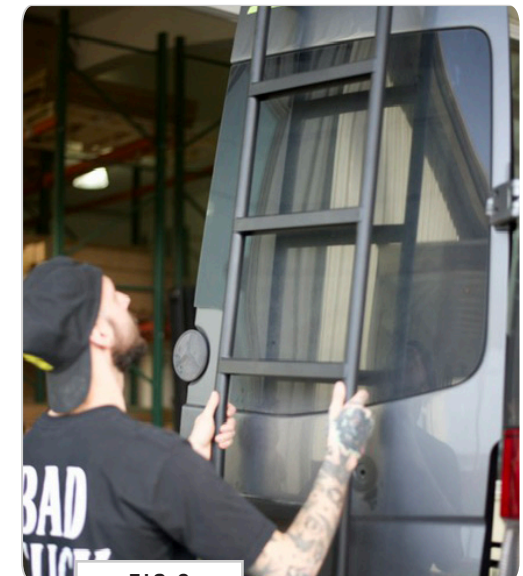


FIG 6

STEP | 03 LADDER INSTALL

3.1 Install Rear Door Ladder: Position the ladder on the door and insert the **3/8-16 Button Head Screws** through the mounting holes, then position the backer plates as shown in **FIG 7 and 9**. Secure the ladder with **3/8" Lock Washers And Nylon Locknuts**, tightening them snugly. Drive two **(2) Self-Drilling Screws** through the bottom backer plate for added rigidity (**FIG 9**).

Optional: For additional peace of mind, you may seal the bolts on the backside with automotive-grade sealant, though this is not required.

TOOLS REQUIRED FOR THIS STEP:

- + 9/16" WRENCH OR SOCKET
- + 7/32" ALLEN WRENCH
- + 7/16" SOCKET
- + POWER DRILL

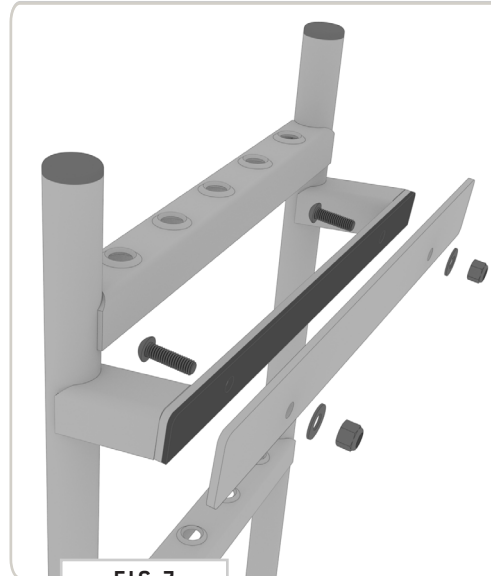


FIG 7

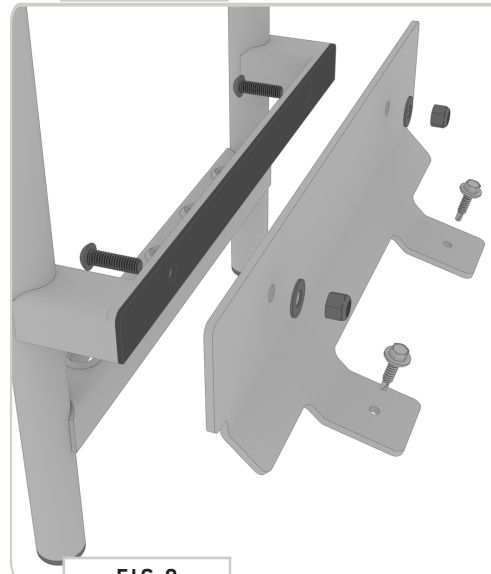


FIG 9



FIG 8



FIG 10

GET OUT AND EXPLORE!

+ LEAVE US A REVIEW

Happy with your new FVC product? We would love to hear (and see) from you! Head to the product page and click "Leave Review." Add a short review and upload a few photos to be showcased on the product page.

+ SHARE YOUR PICS

We love seeing how our customers use their FVC products and following along with your adventures. Tag us in your photos with: @flatlinevanco or send them to us via email. We love posting customer pictures in our feed!

+ NEED ANY HELP?

If you are having any issues with your product, please reach out, and we will make it right. FVC is a company of van and outdoor enthusiasts that design and use our own products, so we want you to be as stoked on your new parts as we are!



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