



4025 – 2007-PRESENT, MERCEDES SPRINTER NCV3, SIDE LADDER, LOW ROOF

Version 1.0

General Notes

- For the most up to date and current instructions, please visit our website at www.vancompass.com
- Please read all instructions thoroughly before starting installing Van Compass products.
- This is a bolt on side ladder which can be installed with basic hand tools.
- The upper mount of this ladder is designed hook onto the outer corner of the top of the van's body line. It is compatible with a Sportsmobile pop top and requires no drilling into the roof for installation.
- This lower mount of this ladder is designed to be used in conjunction with 4022 Van Compass rocker guards. It cannot be installed without the rocker guards fitted to the vehicle.

Parts List

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- (1) 402501-01 MERCEDES SPRINTER NCV3 SIDE LADDER, ROCKER GUARD TIE IN PLATE
- (1) 402501-03-L MERCEDES SPRINTER NCV3 SIDE LADDER, MAIN LEG, LEFT SIDE, LOW ROOF
- (1) 402501-03-R MERCEDES SPRINTER NCV3 SIDE LADDER, MAIN LEG, LEFT SIDE, LOW ROOF
- (6) 402501-04 MERCEDES SPRINTER NCV3 SIDE LADDER, LADDER RUNG
- (2) 402504 MERCEDES SPRINTER NCV3 SIDE LADDER, UPPER MOUNT
- (30) BCS02-10-SS BUTTON HEAD CAP SCREW, 1/4-20 X 1.0" LONG, STAINLESS STEEL
- (30) FNS-02-20 FLANGE NUT, SERRATED, 1/4-20, CLEAR ZINC
- (30) WFS-02 FLAT WASHER, 1/4" STAINLESS

Tools Needed

- Standard A-frame style ladder.
- Simple hand tools:
 - Basic wrench and socket set:
 - SAE sizes: 7/16"
 - 5/32" Allen wrench / socket bit

Approximate Installation Time

- 1-2 hours

Installation

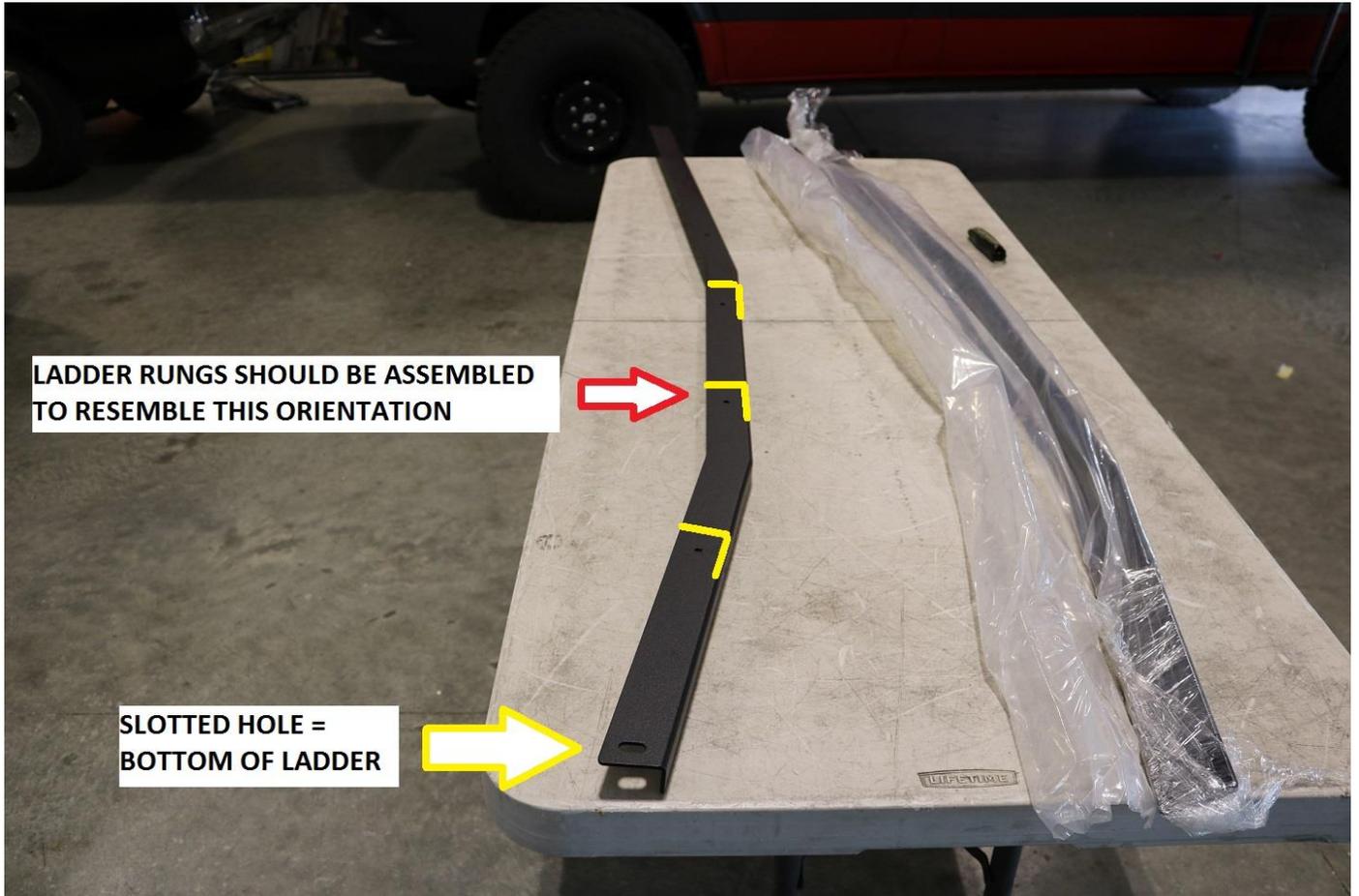
- 1) Installation of this side ladder requires that 4022 Van Compass Rocker Guards be installed first. Refer to the rocker guard installation instructions at this time if not already installed.
- 2) These instructions document installation of the 4025 side ladder in the rear most position. We recommend mounting it in the rear most position, however positioning of the side ladder can be fitted forward along the rocker guards as desired.
- 3) Begin by removing the two rear most outer attachment bolts on the rocker guard on the driver (left hand) side of the vehicle. Use a 5/32" allen wrench and 402206-01 Rocker Guard Install Tool which was included in the rocker guard kit.
 - a. Note, these instructions document installation of the 4032 side ladder in the rear most position, We recommend mounting it in the rear most position, however positioning of the side ladder can be fitted forward along the rocker guards as desired.



- 4) Fit the 402501-01 Side Ladder Rocker Guard Tie-in Plate and re-install the bolts removed in the previous step.
 - a. Torque the button head bolts to 80 in-lbs. (9 N.m)



- 5) Assemble the ladder rungs into the ladder side rails as pictured below. Note the side ladder rails are left and right specific. Pictured below is the left side rail (leading edge of ladder when installed on the van)
- a. Use the $\frac{1}{4}$ -20 x 1" long bolts provided in the kit. Start all hardware before tightening. Use a washer under the head of the button head bolt. Do not use a washer under the flange nut.
 - b. Note, the slotted hole is the bottom of the side portions of the ladder. Assemble the ladder rungs so the flat portion is oriented on top.
 - c. See images below for reference.



- 6) Once all 7 ladder rungs have been installed, tighten the hardware with a 5/32" allen. Again, torque to 80 in-lbs (9 N.m)
- a. Note, the image below shows a ladder for a low roof van, but the assembled tall roof ladder should look similar, note the non-slotted holes should be at the top of the assembled ladder.



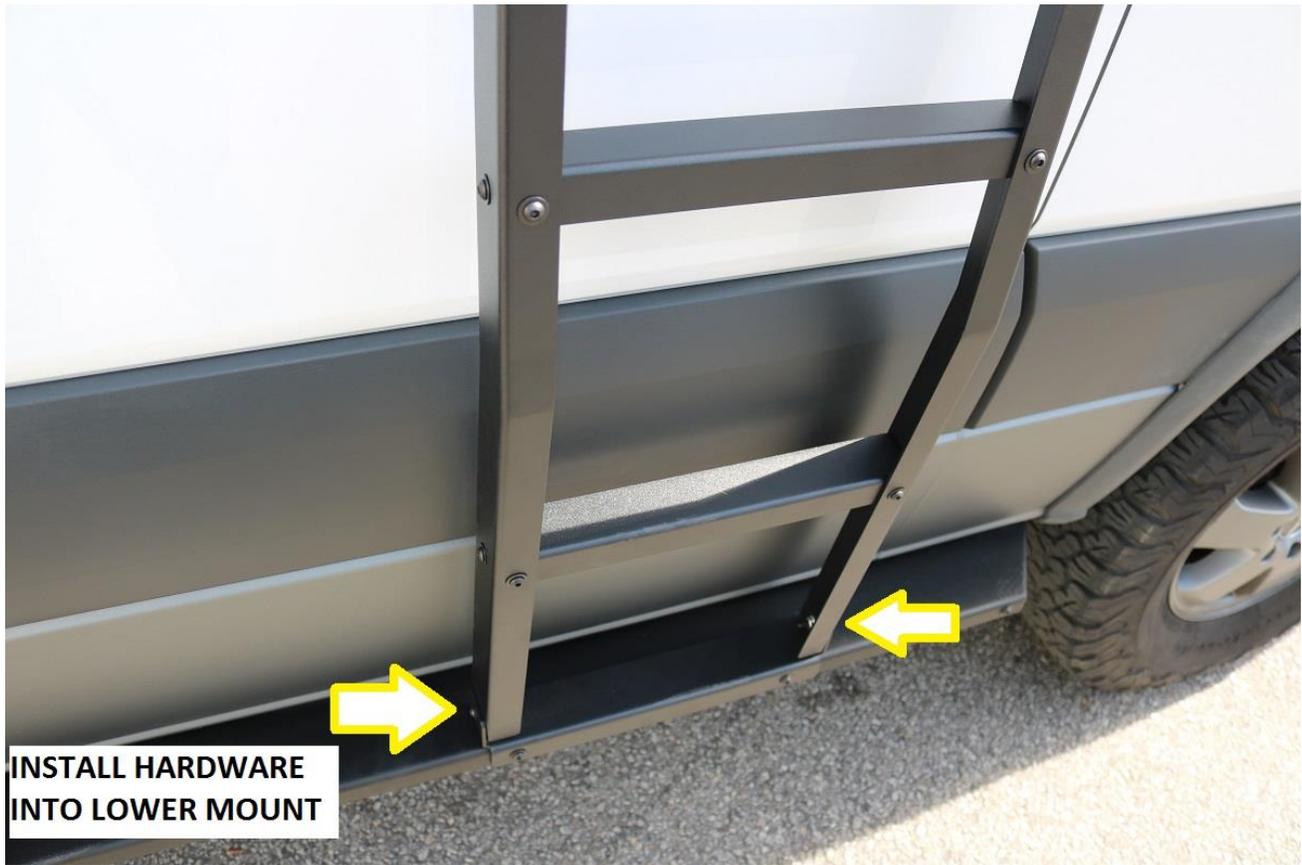
- 7) Install the upper mount to the ladder assembly. The upper mounts are the same left and right.
- a. Install the upper mount to the ladder side rails using the 1/4-20 x 1.0" long bolts provided. Again, use a washer under the button head. Start the hardware but do not fully tighten. Be sure there is room for the upper mount to move on the side rails still.



- 8) We ship the upper mount with 3M adhesive tape stuck to the inside of the contact surface of the upper mount. Before fitting the upper mount to the vehicle, test fit the ladder position and clean the surface of the van where the upper mount will land.
 - a. Image below shows a reference of how the ladder should land on the van's body.



- 9) Have a helper aide in fitting the ladder to the vehicle. Remove the backing tape of the 3M adhesive tape so the upper mount will adhere to the van body. Fit the ladder by positioning it to the upper portion of the van as shown in the image above.
- a. Install the $\frac{1}{4}$ -20 x 1" long bolts provided from the outside for the lower mount. The nut should be on the inside of the ladder.
 - b. Simply snug these lower two mounting bolts but do not fully tighten. Make sure the ladder can still adjust in the lower mount.



- 10) At this point, all hardware should be snug just to the point where the ladder can still adjust in the upper / lower mounts. Have a 100-200lb helper pull down or stand on the ladder to load it for final tightening.
- 11) Tighten the bolts fully to 80 in-lbs. (9 N.m) in the following order:
 - a. Upper mount to ladder side rail bolts x 4 bolts.
 - b. Lower mount to ladder side rail bolts x 2 bolts.



Installation is Complete

RELEASE OF LIABILITY

I, the customer, do hereby release and forever discharge Van Compass LLC, their agents, employees, successors and assigns, and their respective heirs, personal representatives, affiliates, successors and assigns, and any and all persons, firms or corporations liable or who might be claimed to be liable, whether or not herein named, from any and all claims, demands, damages, actions, causes of action or suits of any kind or nature whatsoever, whether known or unknown, fixed or contingent, which I now have or may hereafter have or claim to have, as a result of or in any way relating to the following: Parts sold & installed by Van Compass LLC or parts sold & installed by end-user; any parts sold online, any parts sold online or installed by a re-seller, any parts installed by an installation shop.

It is understood and agreed that this payment is made and received in full and complete settlement and satisfaction of the aforesaid actions, causes of action, claims and demands; that this Release contains the entire agreement between the parties; and that the terms of this Agreement are contractual and not merely a recital. Furthermore, this Release shall be binding upon the undersigned, and his respective heirs, executors, administrators, personal representatives, successors and assigns. This Release shall be subject to and governed by the laws of the State of Idaho.

PRODUCT SAFETY WARNING:

Van Compass LLC strongly recommends the installation of products be done by a certified mechanic. If this does not occur, be certain the person(s) installing the product read, understand and follow all instructions and warnings pertaining to the application before installation. Do not add, alter, or fabricate any factory or aftermarket parts to increase vehicle height over the intended height of the Van Compass LLC product purchased. Mixing component brands is not recommended.

Installation of suspension lift kits or any other lifting kits or devices will raise the center of gravity. For this reason, Van Compass LLC urges that extreme caution be used when encountering driving conditions which may cause vehicle imbalance. Furthermore, the driver's field of vision and judgment will not be as good due to the height of the vehicle. Due to the installation of larger tires, the speedometer will read slower than the actual speed being traveled and more distance will be required to stop the vehicle. It is the owner's responsibility to caution and warn any potential driver of the vehicle about these driving and handling conditions. Van Compass LLC will not be held liable or responsible for damages or personal injuries resulting from the use of lifting devices and or related products. The tires and rims should be changed to sufficiently increase the vehicle's total overall width and stability to help accommodate lifting devices.

Van Compass LLC aftermarket suspension products and accessories modify a vehicle for uses which exceed conditions anticipated by the vehicle manufacturer. The uses include the high performance demands required during off-road. These conditions vary in the degree of extremity and cannot be controlled by the vehicle or product manufacturer. If the components within the suspension system or accessories become worn due to frequent and/or extreme use, the safety and reliability of the vehicle is at risk. The maintenance of aftermarket equipment to ensure the vehicle occupants safety is entirely your responsibility. Do not purchase Van Compass LLC products unless you are willing to accept this responsibility. Do not install any Van Compass LLC suspension products or accessories unless you feel competent at installing the product without causing present or future injury to yourself or other vehicle occupants; seek an authorized installation center.

Most states have some type of law limiting vehicle height. The amount of lift allowed, and how the lift can be achieved, varies greatly. Several states offer exemptions for farm and commercial registered vehicles. It is the vehicle owner's responsibility to check state and local laws to ensure that their vehicle will be in compliance. Van Compass LLC reserves the right to make changes in design, materials and specifications as deemed necessary without prior notice and without assuming obligation to modify any product previously manufactured. Obligation or liabilities will not be assumed with respect to similar products previously advertised.

This Release of Liability and Product Safety Warning has been read and fully understood by the undersigned and has been explained to me.