



## 4021 – 2007-PRESENT, MERCEDES SPRINTER NCV3, REAR HITCH STEP

Version 1.0

### General Notes

- For the most up to date and current instructions, please visit our website at [www.vancompass.com](http://www.vancompass.com)
- Please read all instructions thoroughly before starting installing Van Compass products.
- This is a bolt on step that is designed to work in conjunction with the factory rear hitch and stock non-step rear bumper. We cannot guarantee fitment with aftermarket hitches.
- This rear step can be removed and the vehicle can be returned back to stock at a later time if desired.

### Parts List

#### **4021 – 2007-PRESENT, MERCEDES SPRINTER NCV3, REAR HITCH STEP**

- (1) 402101 REAR HITCH STEP
- (8) CC8-7-10 7/16-14 UNC X 1.0" LONG CARRIAGE BOLT, CLEAR ZINC
- (8) NNC-7 7/16-14 UNC NYLOCK NUT
- (8) WF8-7 7/16" GR8 FLAT WASHER, YELLOW ZINC

### Tools Needed

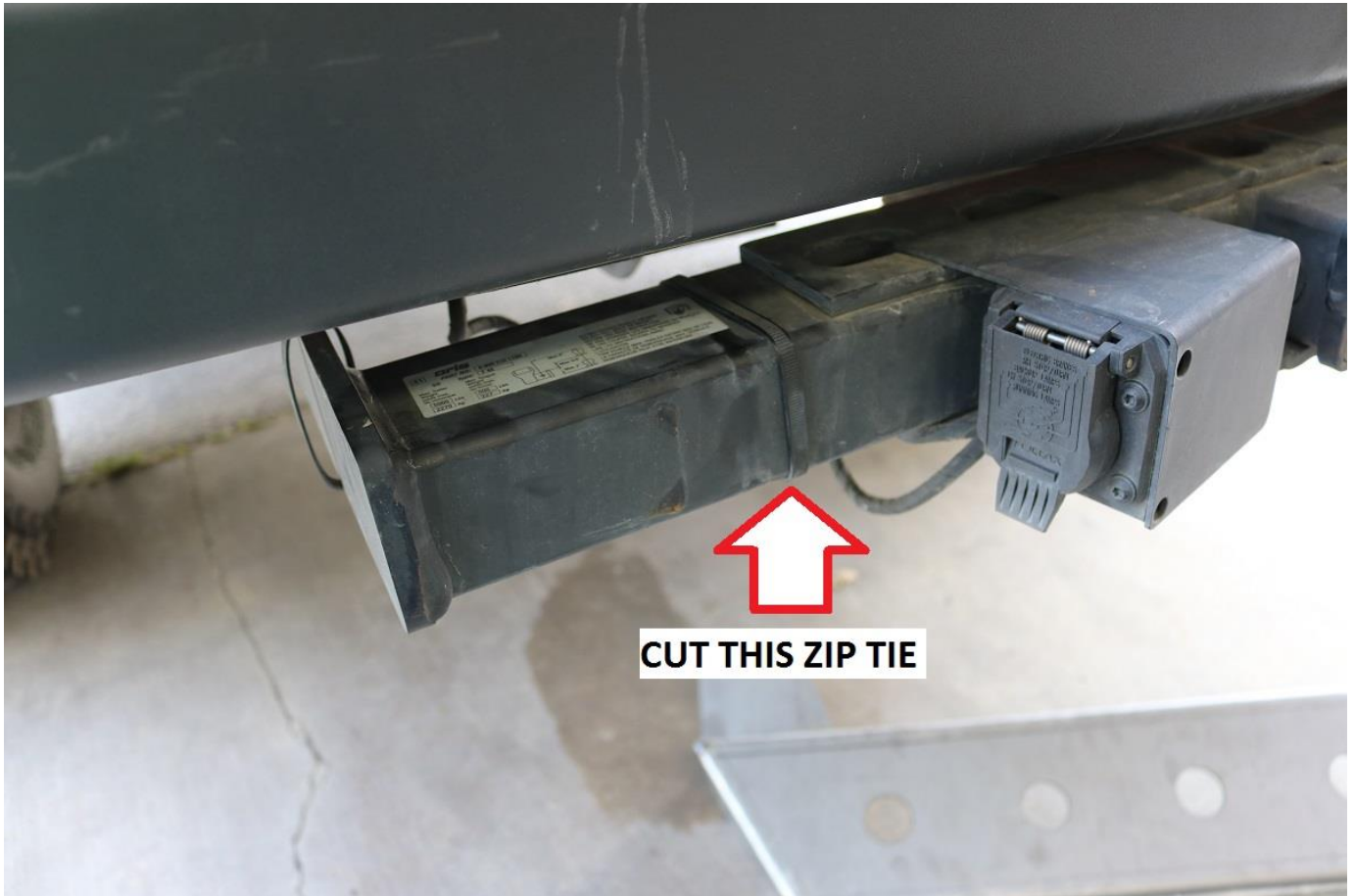
- Simple hand tools:
  - Dykes or similar tool for cutting zip ties.
  - Basic wrench and socket set:
    - SAE sizes: 5/8"
  - 4-1/2" angle grinder with metal sanding disc (Might be needed in some instances. See Step 4)

### Approximate Installation Time

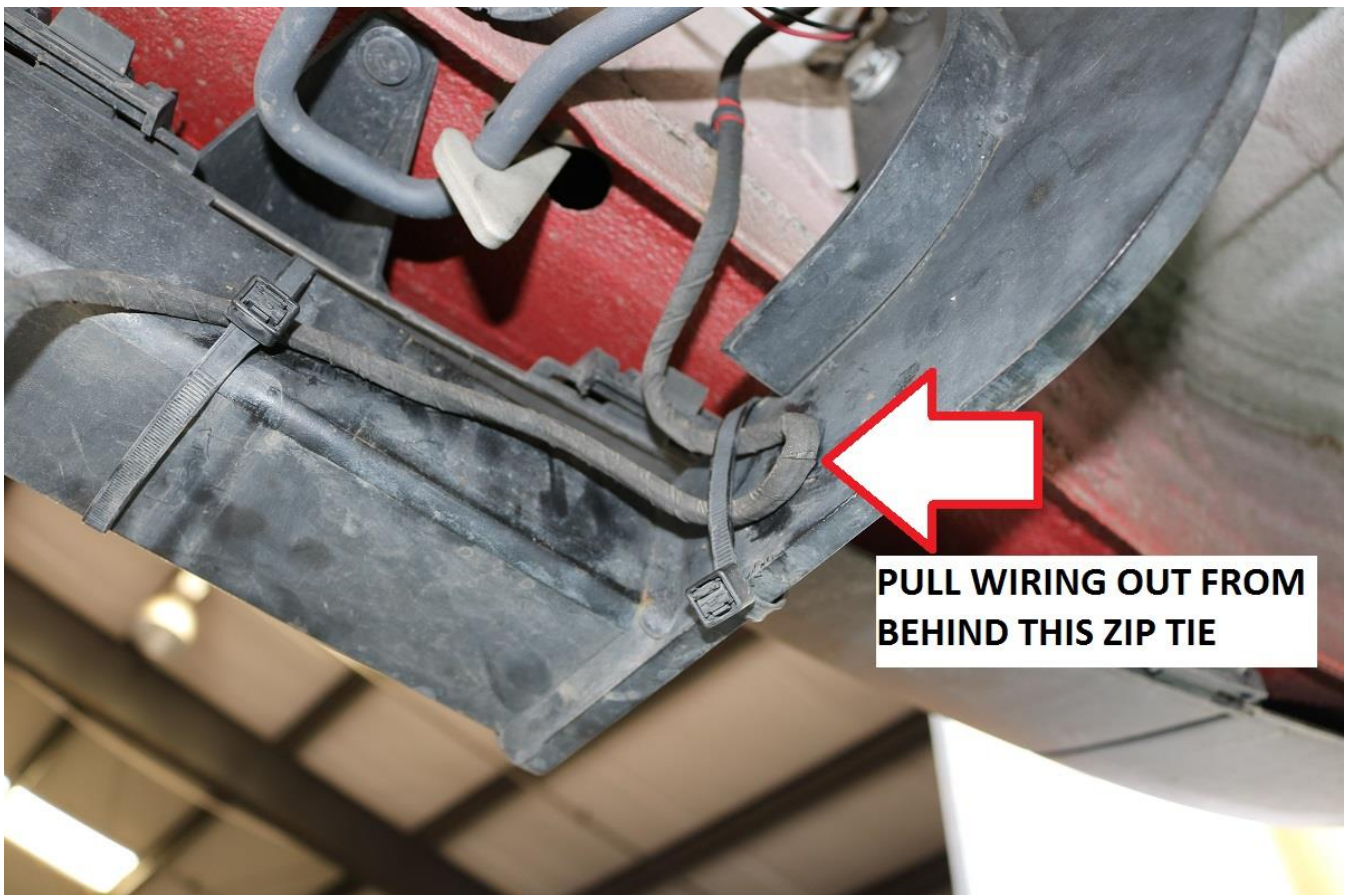
- Professional shop: 15-30 min
- Driveway install: 15-30 min

### Installation

- 1) Locate the 7-way trailer wiring behind the hitch. Cut the zip tie shown in the image below.



2) On the underside of the vehicle, locate where the wiring loops into the zip-tie on the side plate of the hitch. Pull this wiring out from the zip tie as shown below.





- 3) With the wiring clear from the main part of the hitch, install the two backing plates of the rear step as shown.
- 4) On some hitches, there is a small tack weld on the top of the tube which prevents the backing plate from sitting flat on the hitch tube. There is a hole cutout in the backing plate to clear this tack weld. However, due to variation in tack weld locations, the tack weld may need to be sanded smooth for the plate to be installed correctly. If that is the case, sand the tack weld smooth and use a quality spray paint to prevent corrosion.
  - a. Note, the longer side of the plate with the hole in it sits on the top of the hitch tube. See image below for reference.
  - b. The rear bumper may need to be pushed up slightly to wedge the plate into place.



- 5) With the backing plates installed and slid as far over as it can be, insert the 7/16-14 x 1.0" long carriage bolts included in the kit from behind as shown. Just install the top bolts at this time.



- 6) Position the rear hitch step in place as shown below. Install the bottom carriage bolts from below as shown so the bottom of the step has a smooth surface.



- 7) Install the nylock nuts included with the kit. Use a washer under the nut. Make sure all bolts are aligned and every nut is started before snugging down the hardware.
- 8) Use a 5/8" socket / wrench and torque the nuts to 45 ft-lbs (61 N.m).
- 9) Reposition trailer hitch wiring back into the side zip tie and tuck the wiring behind the bolts as shown below.



Installation is Complete

## RELEASE OF LIABILITY

I, the customer, do hereby release and forever discharge Van Compass LLC, of 8778 Plata Ln. STE B. Atascadero, Ca 93422 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 California.

### 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.