



## **4032 – 2007-PRESENT, MERCEDES SPRINTER NCV3, SIDE LADDER, TALL ROOF**

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 side ladder which can be installed with basic hand tools.
- The upper mount of this ladder is designed to work in conjunction with the factory roof tracks. We cannot guarantee compatibility of this upper mount with aftermarket roof tracks.
- 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

#### **4032 – 2007-PRESENT, MERCEDES SPRINTER NCV3, SIDE LADDER, TALL ROOF**

- (1) 402501-01 MERCEDES SPRINTER NCV3 SIDE LADDER, ROCKER GUARD TIE IN PLATE
- (1) 403201-01-L MERCEDES SPRINTER NCV3 SIDE LADDER, MAIN LEG, LEFT SIDE, TALL ROOF
- (1) 403201-01-R MERCEDES SPRINTER NCV3 SIDE LADDER, MAIN LEG, LEFT SIDE, TALL ROOF
- (7) 402501-04 MERCEDES SPRINTER NCV3 SIDE LADDER, LADDER RUNG
- (2) 402503-01 MERCEDES SPRINTER NCV3 SIDE LADDER, ROOF TRACK NUT PLATES
- (1) 403202-L MERCEDES SPRINTER NCV3 SIDE LADDER, UPPER MOUNT, LEFT SIDE
- (1) 403202-R MERCEDES SPRINTER NCV3 SIDE LADDER, UPPER MOUNT, RIGHT SIDE
- (34) BCS02-10-SS BUTTON HEAD CAP SCREW, 1/4-20 X 1.0" LONG, STAINLESS STEEL
- (2) BCS02-02-SS BUTTON HEAD CAP SCREW, ¼-20 X ½" LONG, STAINLESS STEEL
- (34) FNS-02-20 FLANGE NUT, SERRATED, 1/4-20, CLEAR ZINC
- (36) WFS-02 FLAT WASHER, 1/4" STAINLESS

### Tools Needed

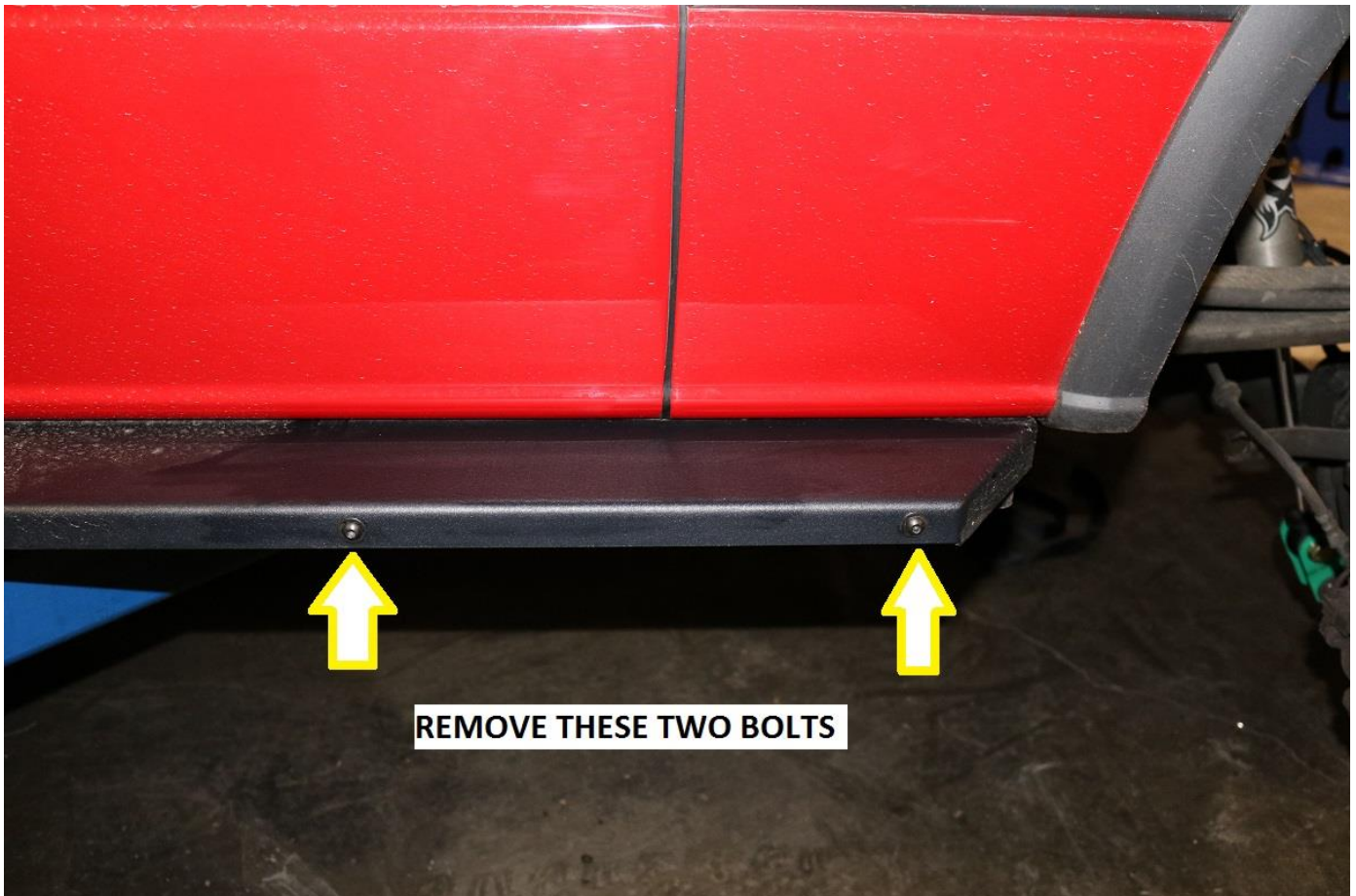
- Standard A-frame style ladder.
- Simple hand tools:
  - Basic wrench and socket set:
    - SAE sizes: 7/16"
    - 5/32" Allen wrench / socket bit

## Approximate Installation Time

- 1-2 hours

## Installation

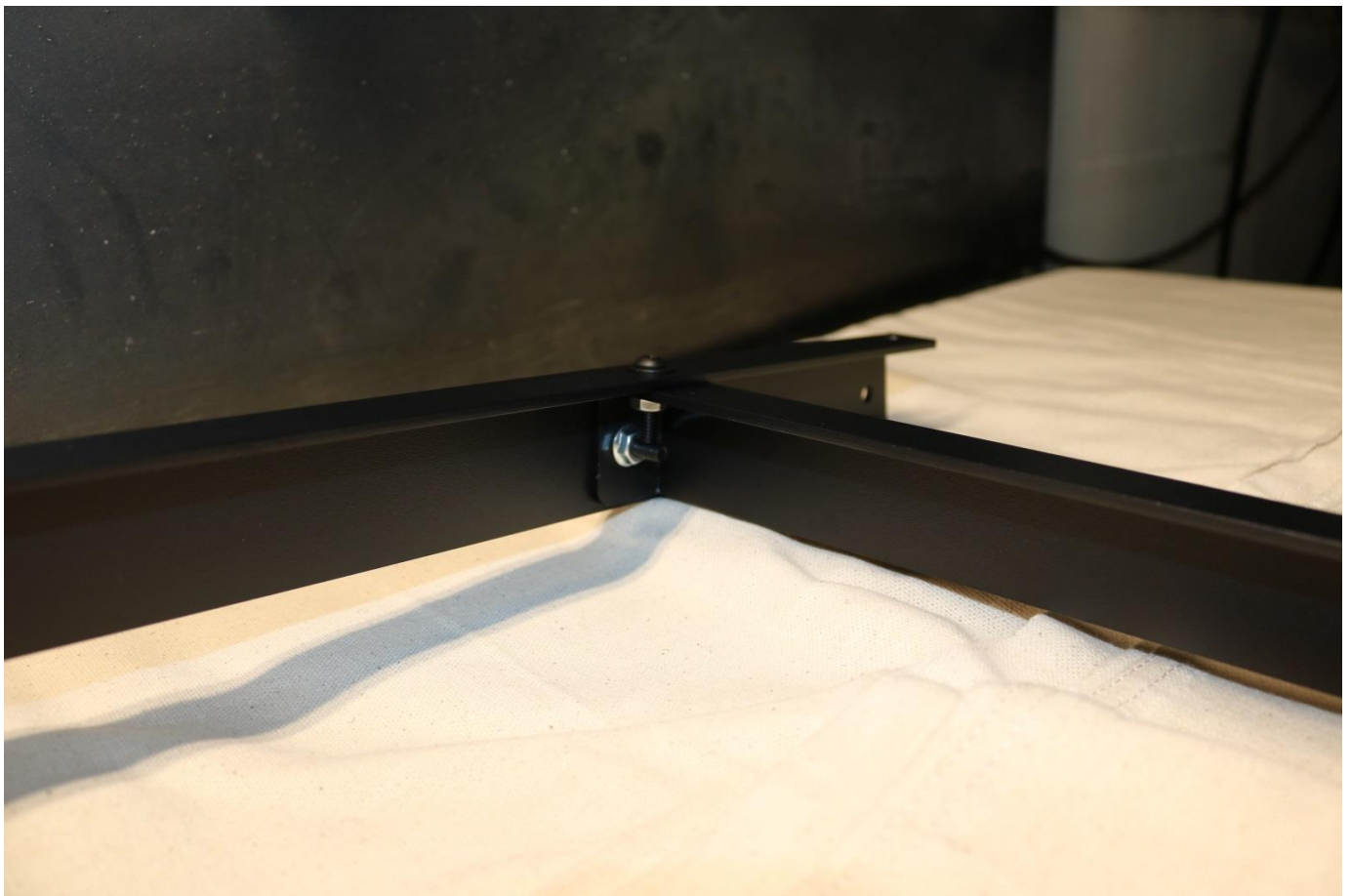
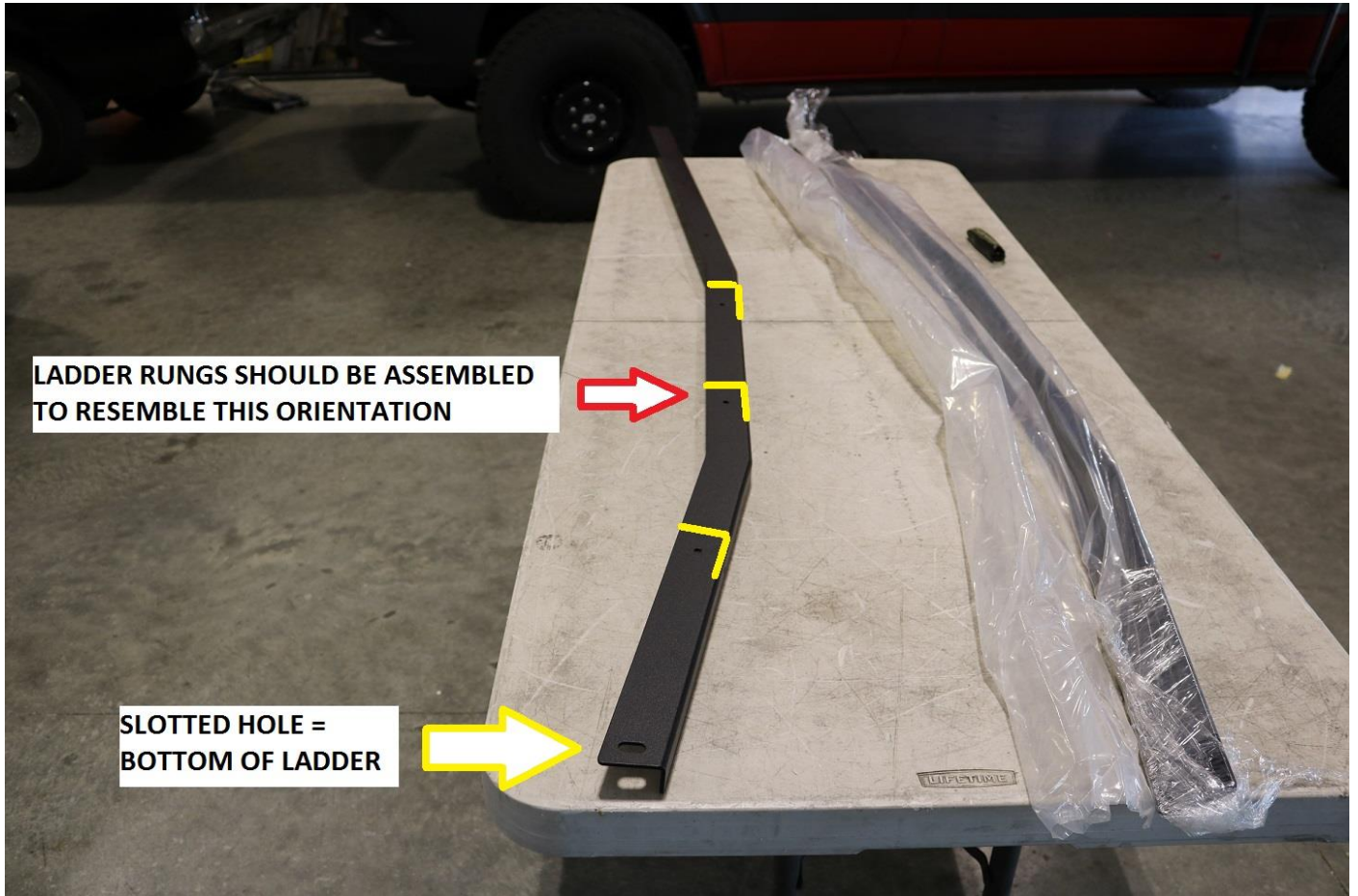
- 1) Installation of this side ladder requires that 4022 Van Compass Rocker Guards be installed first. Refer to the rocker guard installation instructions at this time if not already installed.
- 2) These instructions document installation of the 4032 side ladder in the rear most position, We recommend mounting it in the rear most position, however positioning of the side ladder can be fitted forward along the rocker guards as desired.
- 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.



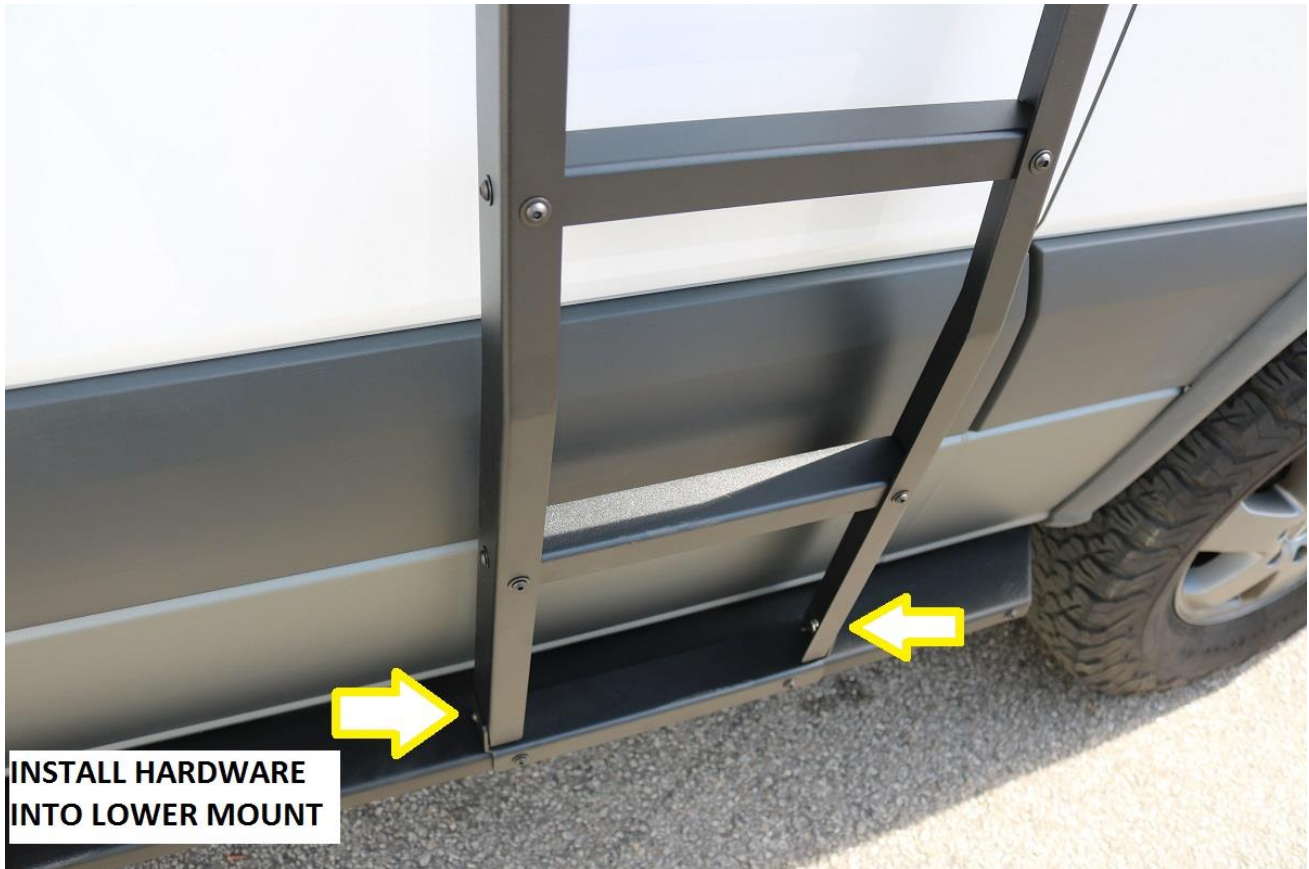
- 7) Install the upper mount to the ladder assembly. Again, the upper mounts are left and right specific. Pictured below is the left side rail (leading edge of ladder when installed on the van)
- a. Note, the image below features a pre-production upper mount, the production version looks similar and installs in the same manner.
  - b. 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) At this time, we recommend using a little extra precaution and placing a towel over the side of the van where the ladder will be attaching to prevent any kind of damage to either the powder coat or the paint finish.



- 9) Have a helper aide in fitting the ladder to the vehicle. Fit the ladder by positioning it on top of the roof tracks of the van and into the lower rocker tie-in mount installed in step 4.
- Install the  $\frac{1}{4}$ -20 x 1" long bolts provided from the outside. The nut should be on the inside of the ladder.
  - Simply snug these lower two mounting bolts but do not fully tighten. The ladder should still be able to rotate towards / away from the body of the vehicle.



- 10) Use a basic A-frame style ladder, positioned towards the rear driver (left hand) side of the vehicle and slide in the roof track nut plates which will be used to secure the top of the ladder to the vehicle. Be sure to position the plates so the flange of the nut is on the underside.



11) Slide the nut tabs forward to the approximate position where the ladder's upper mount will attach to the roof tracks.



- 12) Secure the ladder to the roof tracks using the ¼-20 x ½” long bolts provided. Use a washer under the button head bolt.
  - a. NOTE – these bolts are the silver, uncoated stainless bolts.
- 13) Once the two bolts are started, tighten the bolts fully to 80 in-lbs. (9 N.m) in the following order:
  - a. Roof track mounting bolts x 2 bolts.
  - b. Upper mount to ladder side rail bolts x 4 bolts.
  - c. 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.