



4057 / 4080 – 2019-PRESENT, MERCEDES SPRINTER VS30, REAR TUG STEP

Version 1.3

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 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.
- This rear step features integrated recovery points designed to use a standard 3/4" pin D-ring shackle. Always try to pull as straight as possible when using this recovery point.

Parts List

4057 – 2019-PRESENT, MERCEDES SPRINTER VS30, TUG STEP

- (1) 405701 MERCEDES SPRINTER VS30 TUG STEP
- (4) CC8-8-13 ½-13 UNC X 1.75" GR8 LONG CARRIAGE BOLT, YELLOW ZINC
- (4) NSC-8 ½-13 UNC STOVER NUT
- (8) WF8-8 1/2" GR8 FLAT WASHER, YELLOW ZINC
- (2) 405702 MERCEDES SPRINTER VS30, TUG STEP SHIM PLATE

OR

4080 – 2019-PRESENT, MERCEDES SPRINTER VS30, MINI-TUG STEP

- (1) 408001 MERCEDES SPRINTER VS30 MINI-TUG STEP
- (4) CC8-8-13 ½-13 UNC X 1.75" GR8 LONG CARRIAGE BOLT, YELLOW ZINC
- (4) NSC-8 ½-13 UNC STOVER NUT
- (8) WF8-8 1/2" GR8 FLAT WASHER, YELLOW ZINC
- (2) 405702 MERCEDES SPRINTER VS30, TUG STEP SHIM PLATE

Tools Needed

- Simple hand tools:
 - Dykes or similar tool for cutting zip ties.
 - Rubber mallet or similar non-marring hammer / mallet
 - Basic wrench and socket set:
 - SAE sizes: ¾"

Approximate Installation Time

- Professional shop: 10-20 min
- Driveway install: 10-20 min

Installation

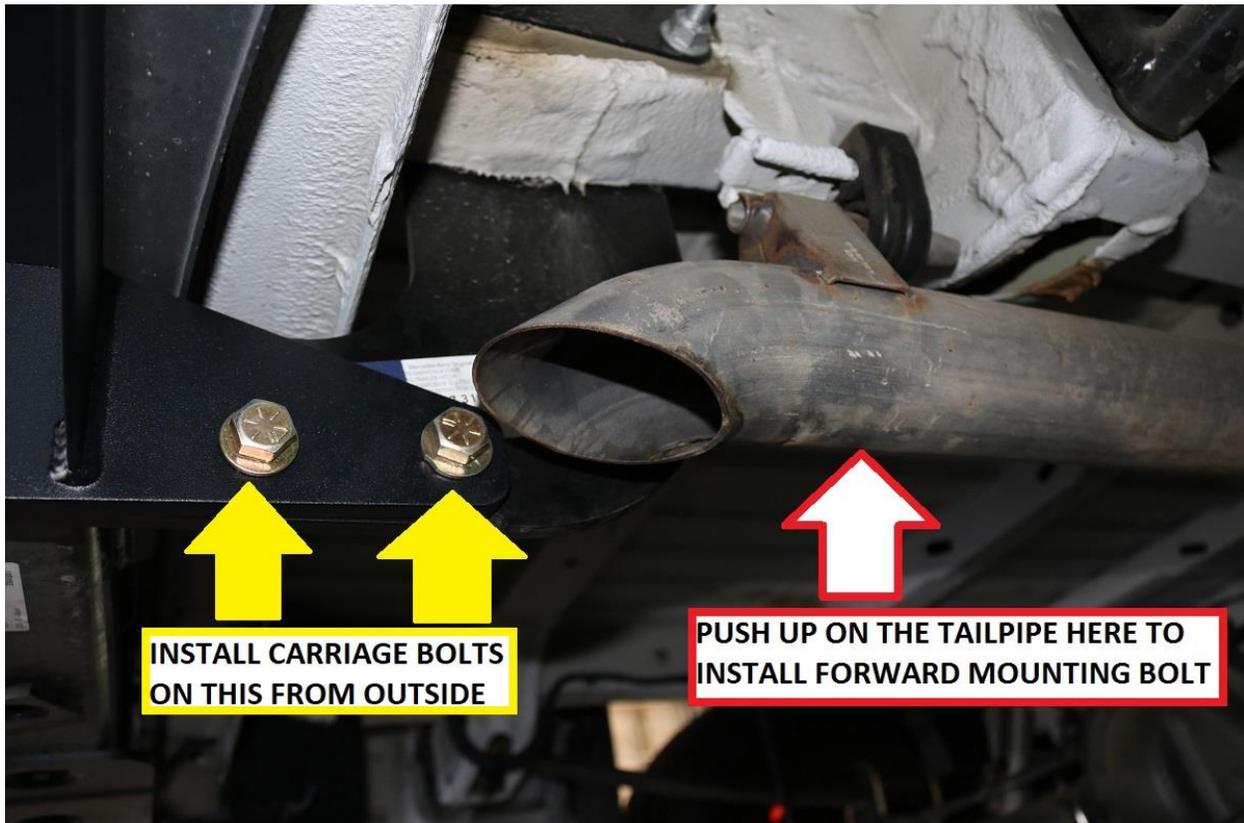
- 1) This rear step bolts onto the outer plates of the factory receiver hitch, utilizing the holes denoted by the arrows in the image below.
 - a. Some models will have trailer wiring ziptied to this mounting surface. Cut any zip ties on the outer face to ensure the step will fit flush against the side plates of the factory hitch.



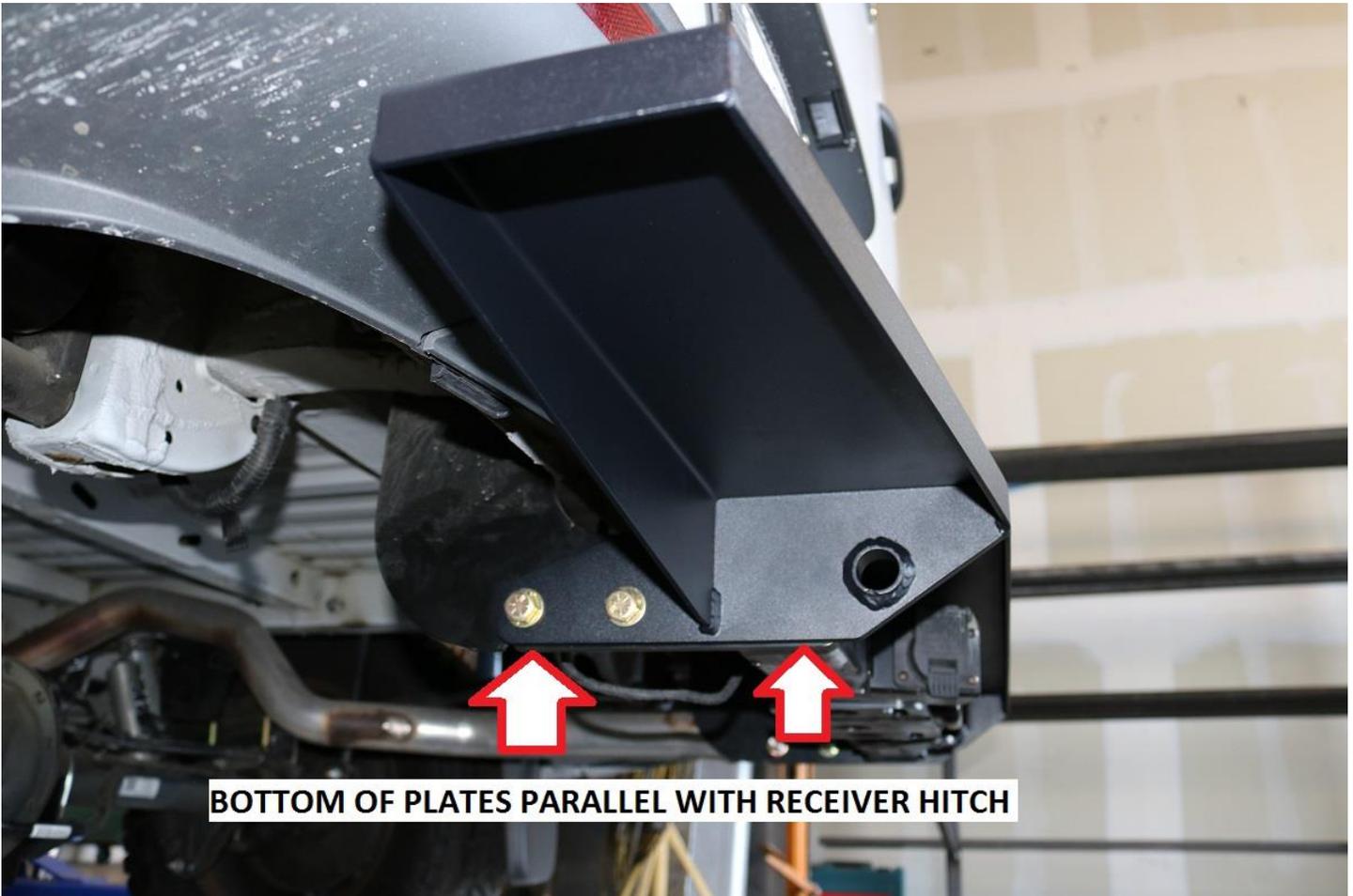
- 2) Fit the rear step to the outside of the hitch. The mounting holes in the step should line up easily with the mounting holes in the hitch denoted by the arrows in the image above.
 - a. Note; Use a rubber mallet or dead blow if needed to tap the step into place but be sure to tap only where the thick hitch tie in plates are welded to the step. See image below for reference.
 - b. Take note of any hitch width variance. The tug step should be a snug or perfect slip fit. If there is a gap between the mounting plates and the hitch, utilize the included shim plates between the hitch and tug step side plates for proper fitment.



- 3) Install the $\frac{1}{2}$ -13 x 1.75" long carriage bolts included from the outside. (Note hex bolts are shown in the images, carriage bolts are now utilized for easier installation)
- 4) Note, getting the forward bolt in on the passenger (right hand) side of the vehicle can be a little challenging due to the tailpipe. Push the tail pipe up by hand as far as it will go to install the bolt denoted by the yellow arrow in the image below.



- 5) Install the included ½-13 UNC stover nuts on the bolts. Be sure to use a washer under the nut and snug all hardware using a ¾" socket / wrench.
 - a. When tightening the mounting hardware, keep slight upward pressure on the rear step so the bottoms of the chassis plates are parallel with the bottom of the hitch. See image below for reference.



- 6) Fully tighten mounting hardware. Torque bolts to 80 ft-lbs. (109 N.m)
- 7) Re-secure any trailer hitch wiring back into place with a zip tie if needed.

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.

