



4115 – 2023-PRESENT, MERCEDES SPRINTER AWD, BILLET FRONT DRIVESHAFT SPACER

Version 1.1

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 spacer that can be installed on the ground with simple hand tools.
 - Note, if a transmission / transfer case skid plate is installed, we recommend removing it for easier access to the front driveshaft bolts.
- This part can be completely removed so the vehicle can return to stock configuration.

Parts List

4115 – 2023-PRESENT, MERCEDES SPRINTER AWD, BILLET FRONT DRIVESHAFT SPACER

- (1) 411501 MERCEDES SPRINTER AWD, FRONT DRIVESHAFT SPACER
- (1) THREADLOCK-242 .5ML CAPSULE, MEDIUM STRENGTH BLUE LOCTITE
- (6) 12M10-1.50-55-12.9 12 POINT FLANGE BOLT, M10-1.50 X 55MM LONG, GR 12.9

Tools Needed

- Simple hand tools:
 - Torque Wrench
 - T-55 Torx bit
 - 10MM 12 point socket
 - Strap wrench or impact
 - Automobile lift or floor jack and jack stands

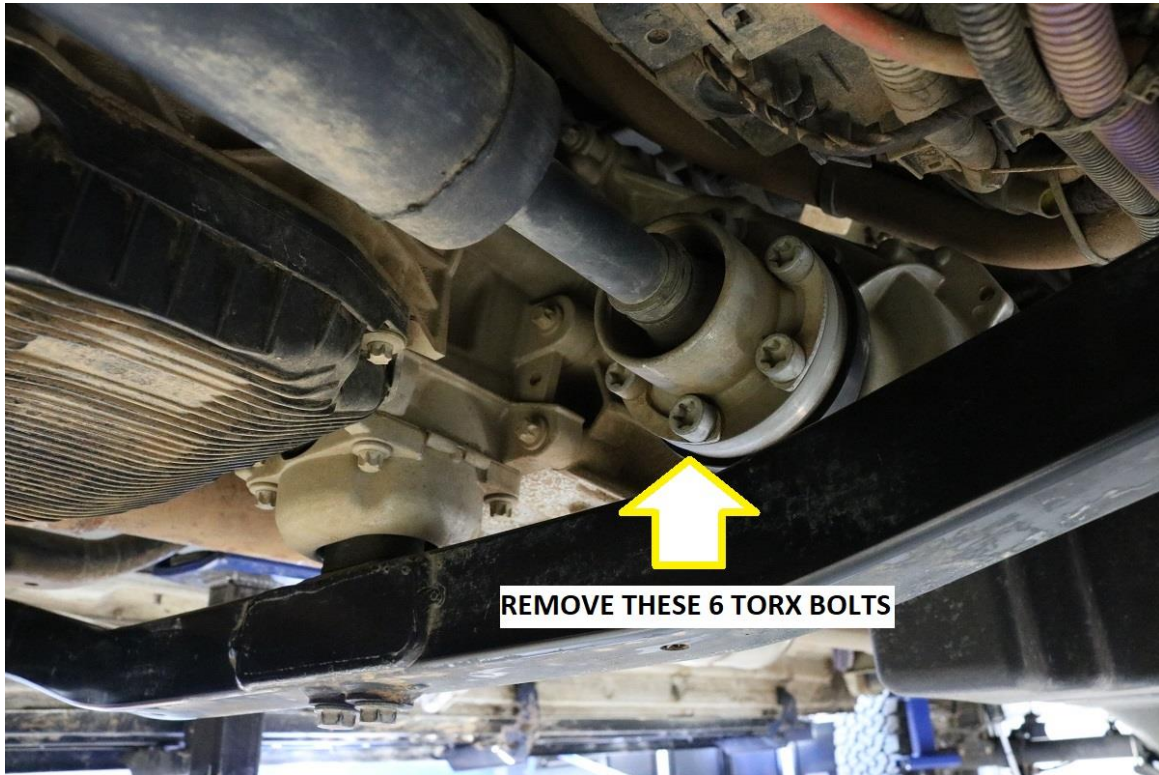
Approximate Installation Time

- Professional shop with automotive lift: 20 min – 30 min
- Driveway install with floor jack: 30 min - 1 hour

Installation

- 1) Note having the front tires lifted off the ground makes installation much easier it is a lot easier to perform installation with the vehicle raised so the front tires are off the ground to allow for front driveshaft rotation.
 - a. These instructions will document installation with the vehicle on an automobile lift.

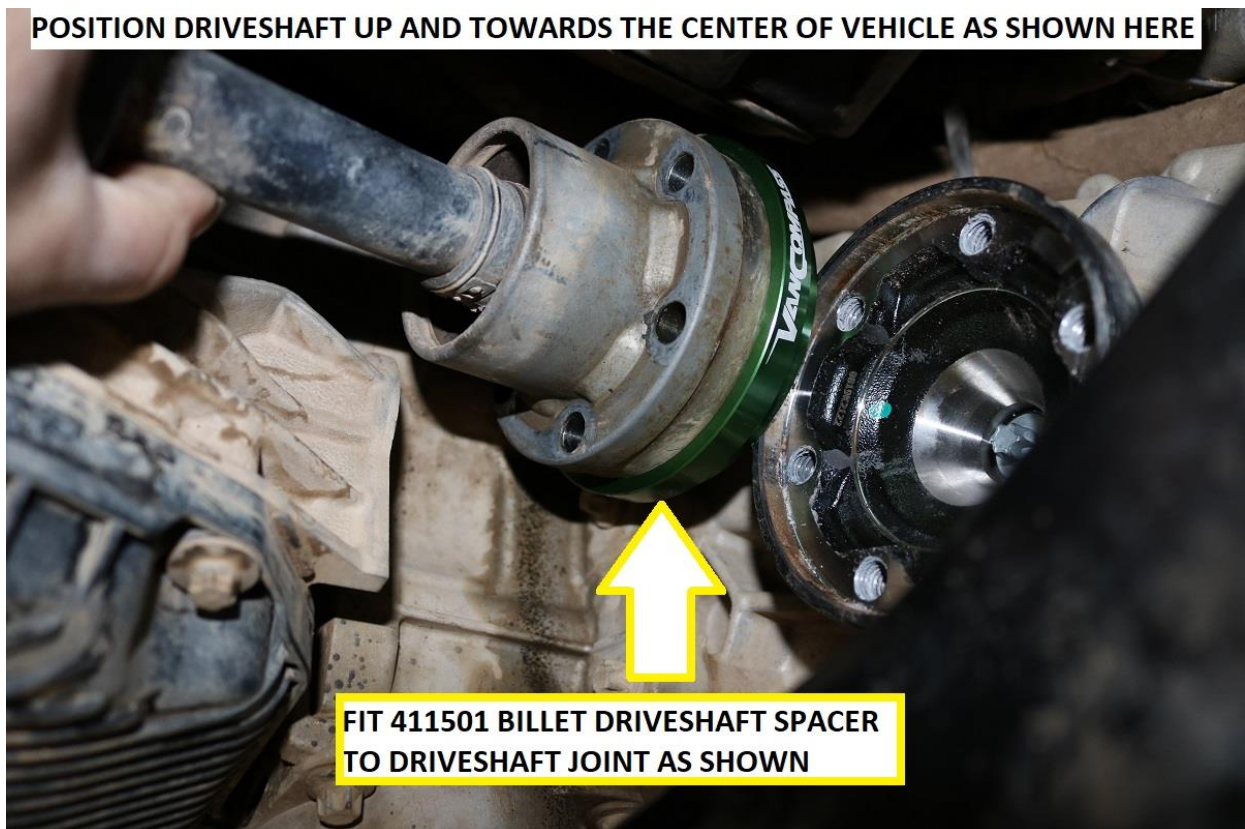
- 2) Locate and remove the six T-55 Torx bolts securing the front driveshaft to the front output of the transfer case.
 - a. Either utilize a strap wrench to keep the driveshaft from spinning or an impact to zip out the torx bolts.



- 3) Retain the OEM bolt clamp plates as they will be re-used.

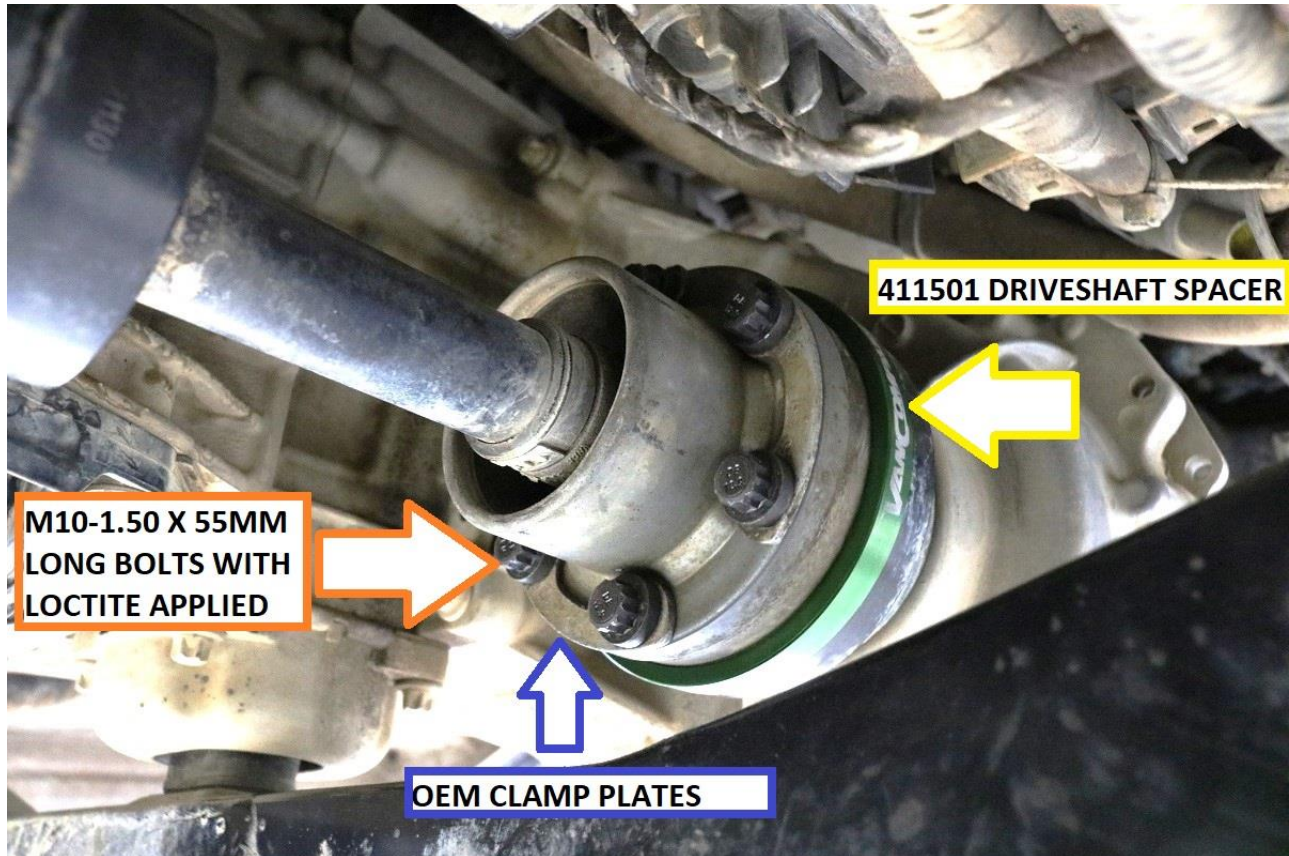


- 4) Compress the driveshaft towards the front diff until it can be pushed upwards clear of the transfer case output yoke or until the 411501 drive shaft spacer can be installed.



- 5) With the spacer fitted to the driveshaft, compress it forward towards the front diff until it can be reinstalled into the transfer case output yoke.

- a. Put a dab of blue Loctite on the threads of the included M10-1.50 flanged 12 point bolts and install each of them finger tight. Be sure to re-fit the OEM bolt clamp plates from Step 3
- 6) Once all bolts have been started, fully tighten in a crisscross pattern using a 10mm 12 point socket.
 - a. Final torque spec is 45 ft-lbs (61 N.m)
 - b. Note, utilize a strap wrench again to keep the driveshaft from spinning or set the vehicle on the ground and torque bolts to spec on the ground.



- 7) Double check all torque specs after 100 miles of driving.

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.