



2015 – 2007-PRESENT, MERCEDES SPRINTER 1500 / 2500, 14MM WHEEL SPACER KIT

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.
- Kit can be utilized on both RWD or 4x4 / AWD models
- Instructions document installation on a 2023 AWD 2500 model.
- This kit can be completely removed and the vehicle can be returned to stock configuration if desired.

Parts List

2015-60 – 2007-PRESENT, MERCEDES SPRINTER, WHEEL SPACER KIT, 60 DEG TAPER LUG NUT

- | | |
|---------------------------|---|
| • (4) 201501 | 14MM WHEEL SPACER |
| • (24) LSM14-1.50-73-10.9 | M14-1.50 X 73MM LONG STUD, GR 10.9 MAGNI-COAT |
| • (24) LN-M14X1.50-60D | M14-1.50 60 DEG TAPER LUG NUT, BLACK |
| • (1) LT-RL02 | .5ML CAPSULE 242 HIGH STRENGTH LOCTITE |

2015-BS – 2007-PRESENT, MERCEDES SPRINTER, WHEEL SPACER KIT, BALL SEAT LUG NUT

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|---------------------------|---|
| • (4) 201501 | 14MM WHEEL SPACER |
| • (24) LSM14-1.50-73-10.9 | M14-1.50 X 73MM LONG STUD, GR 10.9 MAGNI-COAT |
| • (24) LN-M14X1.50-BS-OEM | M14-1.50 60 DEG TAPER LUG NUT, BLACK |
| • (1) LT-RL02 | .5ML CAPSULE 242 HIGH STRENGTH LOCTITE |

Tools Needed

- Simple hand tools:
 - Torque Wrench
 - Basic wrench and socket set:
 - Metric sizes: 19mm
 - 6mm allen socket
- Recommended:
 - Automobile lift or floor jack and jack stands

Approximate Installation Time

- | | |
|---|----------------|
| • Professional shop with automotive lift: | 30min - 1 hour |
| • Driveway install with floor jack: | 1 – 1.5 hours |

Installation

- 1) Raise and support the front of the vehicle so the front suspension can hang free. Remove the front wheels / tires.
 - a. Use a 19mm socket for removal of OEM lug bolts.
- 2) With the wheel off, thoroughly clean the rotor face of rust or corrosion buildup. In most cases a quick spray & wipe with brakekleen will suffice.
 - a. Older vans or vans in northern climates may require a quick scrub with scotchbrite or fine sandpaper may be required to ensure a smooth mounting surface for the spacer.
- 3) Apply a small dab of red loctite to the threads of the lug studs.
 - a. Note that the end of the stud with the shorter thread length is the side that needs Loctite and is threaded into the hub.
 - b. See images below for reference.



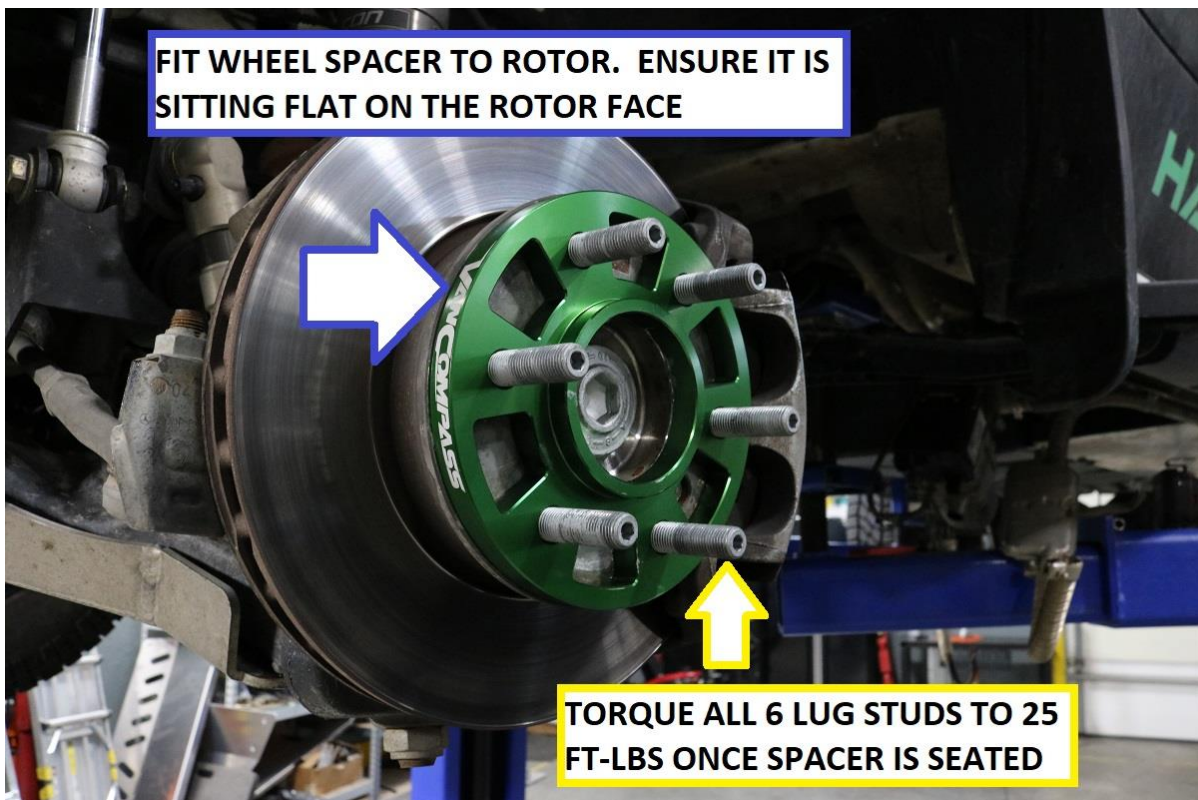
- 4) Install all 6 studs using a 6mm allen wrench. Only hand tighten at this time.



- 5) Apply anti-seize to the inner ring of the wheel spacer that sits on the hub flange. See image below for reference.



- 6) Fit the wheel spacer over the studs and onto the rotor.
- a. The wheel spacers are machined for a very precise fit. A gentle tap with a rubber mallet or deadblow may be required for it to seat flat on the rotor face.
- 7) Once the wheel spacer is sitting flat against the rotor face, torque the wheel studs with a 6mm allen to 25 ft-lbs (34 N.m)



- 8) Install wheels and torque to spec.
 - a. Both lug nuts style use a 19mm hex for install.
 - b. Torque lug nuts to 125 ft-lbs (169 N.m)
- 9) **This step is for 2015-BS kit and retention of OEM hub caps only**
 - a. Use a small pair of dykes or flush cuts to cut the height tab off the inside of the OEM hub cap as shown below. Cut all 6 tabs on each hub cap and install the hubcap to the lug nuts in the same manner as OEM.





10) 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.