



1058 / 1059 – 2015-PRESENT, MERCEDES SPRINTER 4X4 / AWD, FRONT BUMP-ZONE BRACKETS

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.
- This is a bolt on bracket that can be installed with simple hand tools.
- This shock kit can be completely removed, allowing the vehicle to be returned to an OEM strut configuration if desired.
- These instructions document installation on a 2021 Sprinter 2500 4x4. Installation will be similar for other models
- The OEM jounce can be utilized. We recommend pairing this bracket with the following component:
 - VC Bump Buddies: 1043
 - Sumo Spring part number: SSF-327-47

Parts List

1058 – 2015-2022, MERCEDES SPRINTER 4x4, FRONT BUMP-ZONE BRACKET

- (1) 105801-LH MERCEDES SPRINTER 4X4, FRONT RE-ENFORCMENT BRACKET, DR SIDE
- (1) 105801-RH MERCEDES SPRINTER 4X4, FRONT RE-ENFORCMENT BRACKET, PASS SIDE
- (2) HM08-1.25-25-10.9 M8-1.25 X 25MM LONG HEX HEAD BOLT, GR10.9
- (2) WF-M08 M8 FLAT WASHER, CLEAR ZINC

OR

1059 – 2023-PRESENT, MERCEDES SPRINTER AWD, FRONT BUMP-ZONE BRACKET

- (1) 105801-LH MERCEDES SPRINTER 4X4, FRONT RE-ENFORCMENT BRACKET, DR SIDE
- (1) 105801-RH MERCEDES SPRINTER 4X4, FRONT RE-ENFORCMENT BRACKET, PASS SIDE
- (2) HM08-1.25-25-10.9 M8-1.25 X 25MM LONG HEX HEAD BOLT, GR10.9
- (2) WF-M08 M8 FLAT WASHER, CLEAR ZINC

Tools Needed

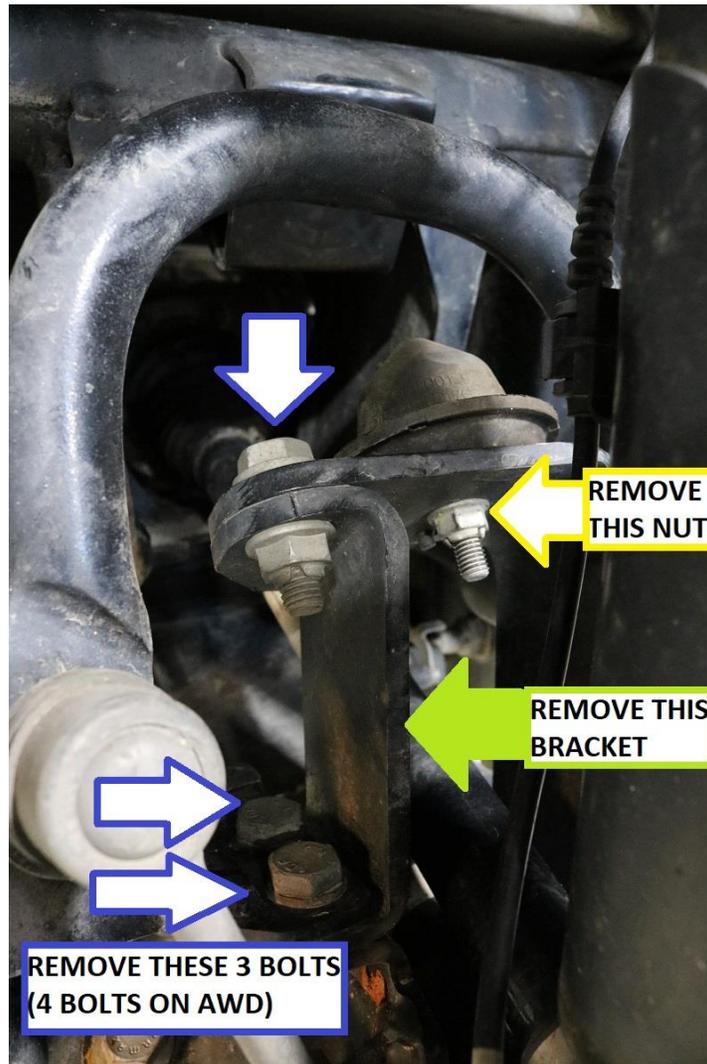
- Quality Jack and 2 jack stands.
- Simple hand tools:
 - Basic wrench and socket set:
 - Metric sizes: 13mm, 16mm, 17mm

Approximate Installation Time

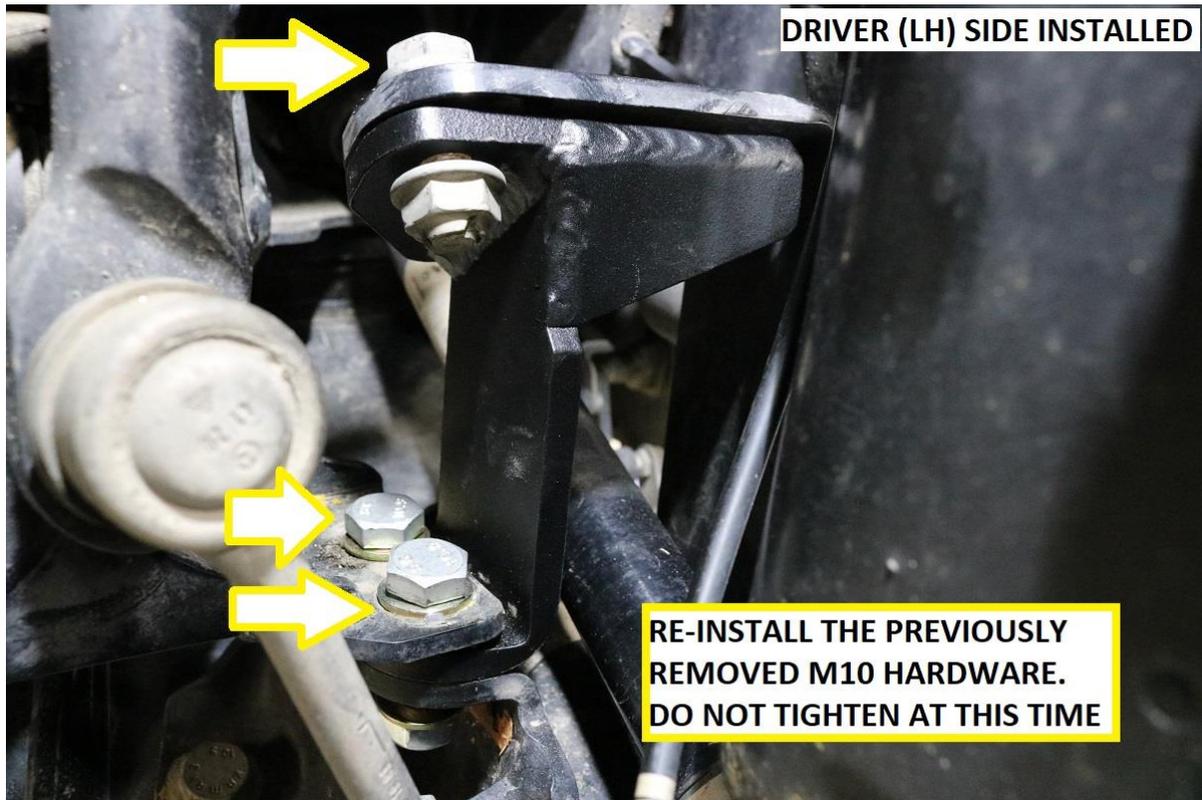
- Professional shop with automotive lift: 1-2 hours
- Driveway install with jack and jack stands: 2-3 hours

Installation:

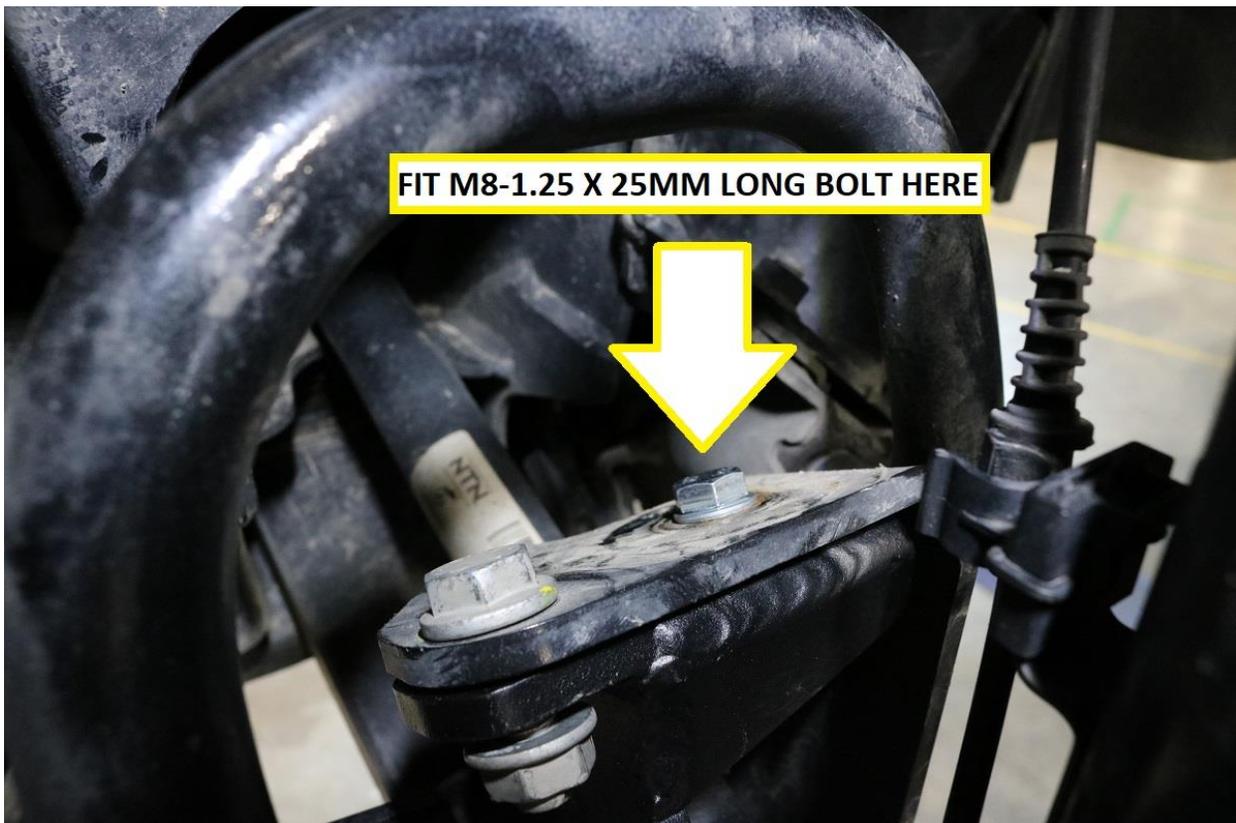
- 1) Begin by safely supporting the vehicle so the front suspension can hang free.
- 2) With the front suspension hanging free, remove the front wheels / tires. Factory lug bolts are a 19mm bolt head.
- 3) These instructions will show installation on the driver's (left hand) side of the vehicle. Installation on the passenger side is identical. Installation steps can be performed simultaneously on both sides of the vehicle.
- 4) Note, if the vehicle is equipped with a Van Compass auxiliary shock kit, the auxiliary shock and lower shock mount can remain in place during installation of the bump zone bracket.
- 5) Locate the OEM bump stop. Remove the M8 nut securing it to the bump stop mount with a 13mm socket / wrench.
 - a. Note if the vehicle is equipped with a Sumo spring or VC Bump Buddy, a 13mm socket / wrench is also used.
 - b. Remove the bump stop or aftermarket jounce from the vehicle.
- 6) Locate and remove the M10 bolts securing the OEM front gusset bracket to the control arm.
 - a. 2015-2022 4x4 chassis will have 3 bolts securing this bracket to the control arm.
 - b. 2023+ AWD chassis will have 4 bolts securing this bracket to the control arm.
 - c. Remove the OEM gusset bracket, retain all mounting hardware as it will be reused.
 - d. See image below for reference.



- 7) Fit the new Front Bump-Zone Brackets to the vehicle as shown. It installs in the exact same location as the OEM bracket removed in the previous step.
 - a. Note the brackets are left and right specific and will only install one way. Refer to photo below for proper orientation when installed.
- 8) Once fitted, reinstall the M10 hardware in the same locations it was removed from.
 - a. Start all hardware but do not tighten at this time. Leave all bolts loose.



- 9) Drop the included M8-1.25 x 25mm bolt into the outer hole utilized for the bump stop / jounce mounting. This is simply in place to ensure alignment of the jounce mounting hole.



- 10) With the M8 bolt in place, snug the M10 hardware.
- 11) Once the M10 hardware is snug, re-install the OEM bump stop or aftermarket Jounce and torque all hardware to the following specs:

- a. M10 hardware – 43 ft-lbs (58 N.m)
- b. M8 Jounce nut – 15 ft-lbs (20 N.m)
- c. NOTE; On AWD models it is easier to re-install the taller aftermarket Jounces with the wheels re-installed and the suspension slightly compressed from full droop.
- d. If installing a VC 1043 Bump Buddy, utilize the M8-1.25 x 25mm bolt included in this kit to re-attach.

12) Repeat install on passenger side of vehicle if not completed already.

13) Re-install wheels & tires and torque to wheel manufacturer's specifications.

14) Re-check all bolt torques 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.