



## **7215 – 2019-PRESENT, MERCEDES SPRINTER VS30, WINCH WINCH WIRING KIT**

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 wiring kit is designed to bring a high amperage non fused junction post under the hood of the VS30 Sprinter to allow for easy installation of a winch on the front of the Sprinter van without the need to modify the winch wiring itself.
- The installation of this wiring kit requires basic 12V wiring knowledge.
- This junction post can be used for other 12V accessories such as air compressors or auxiliary lighting.

### Parts List

#### **7215 – 2019-PRESENT, MERCEDES SPRINTER VS30, WINCH WIRING KIT**

- (1) 721501                      MERCEDES SPRINTER VS30, WINCH BATTERY TIE IN CABLE – 5' LONG
- (1) JB-05-BLACK              STAND ALONE JUNCTION BLOCK, BLACK, 5/16" STUD
- (4) ST8-03                      SELF TAPPING #8 PHILLIPS SCREW
- (10) ZT-08-BLACK             ZIP TIE, BLACK, 8.0" LONG

### Tools Needed

- Simple hand tools:
  - Flat blade screwdriver
  - Basic wrench and socket set:
    - Metric Sizes: 13mm
    - SAE sizes: ½"
- Wire cutters / flush cuts (for cutting zip ties)
- Drill / nut driver with #2 phillips bit

### Approximate Installation Time

- 10-20 min.

### Installation

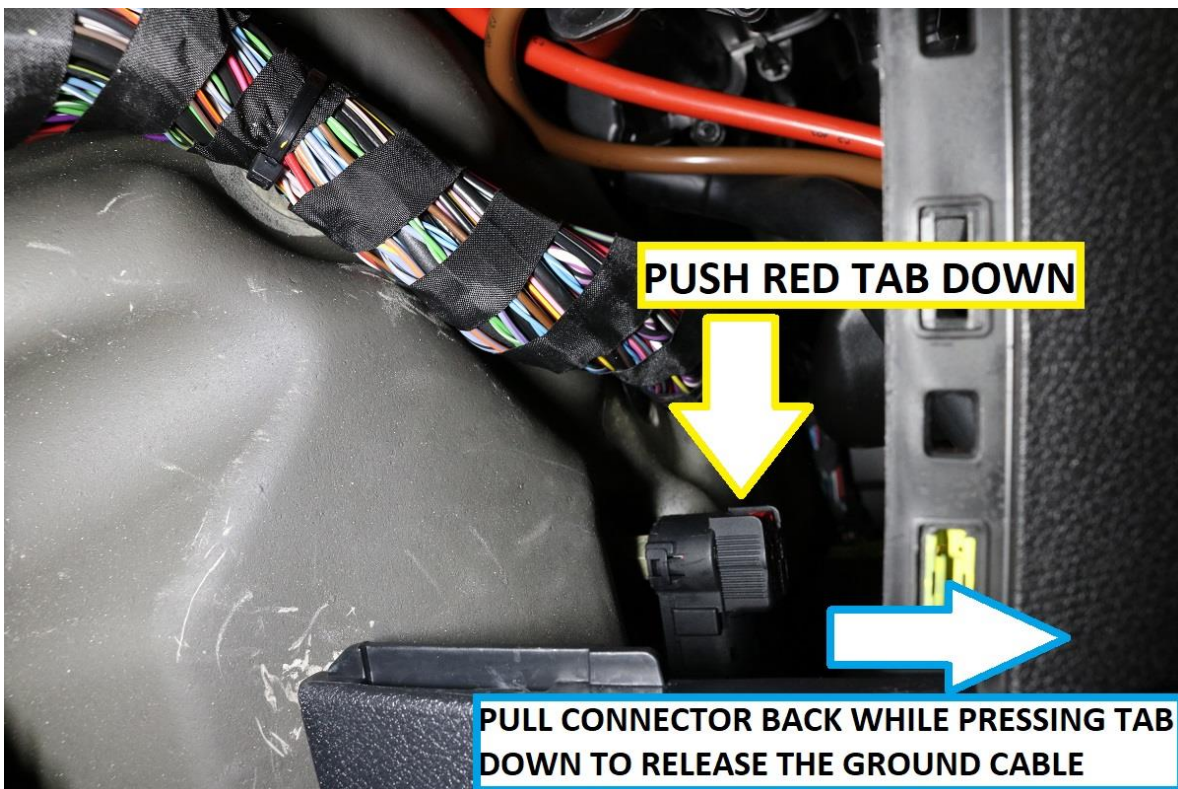
- 1) The following instructions document installation of this wiring kit on a 2021 Mercedes Sprinter 2500 4x4. Installation should be similar on all 2019+ VS30 models.

- 2) Per Mercedes' recommendations, ensure the van's engine has been off for at least 20 min prior to disconnecting the battery.
  - a. Disconnect the ground cable for the main engine start battery. To do this locate the battery ground access panel near the accelerator pedal.

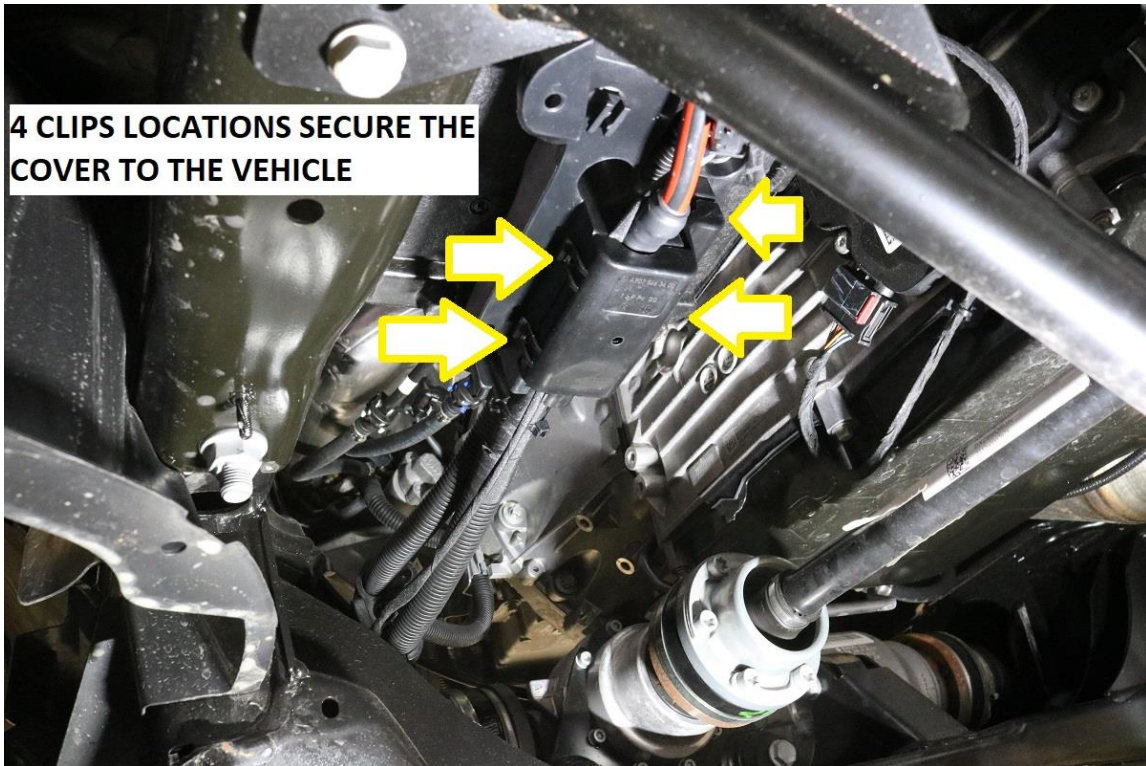
**REMOVE THIS ACCESS PANEL. PULL THE PANEL STRAIGHT TOWARDS YOU / AWAY FROM THE CENTER CONSOLE**



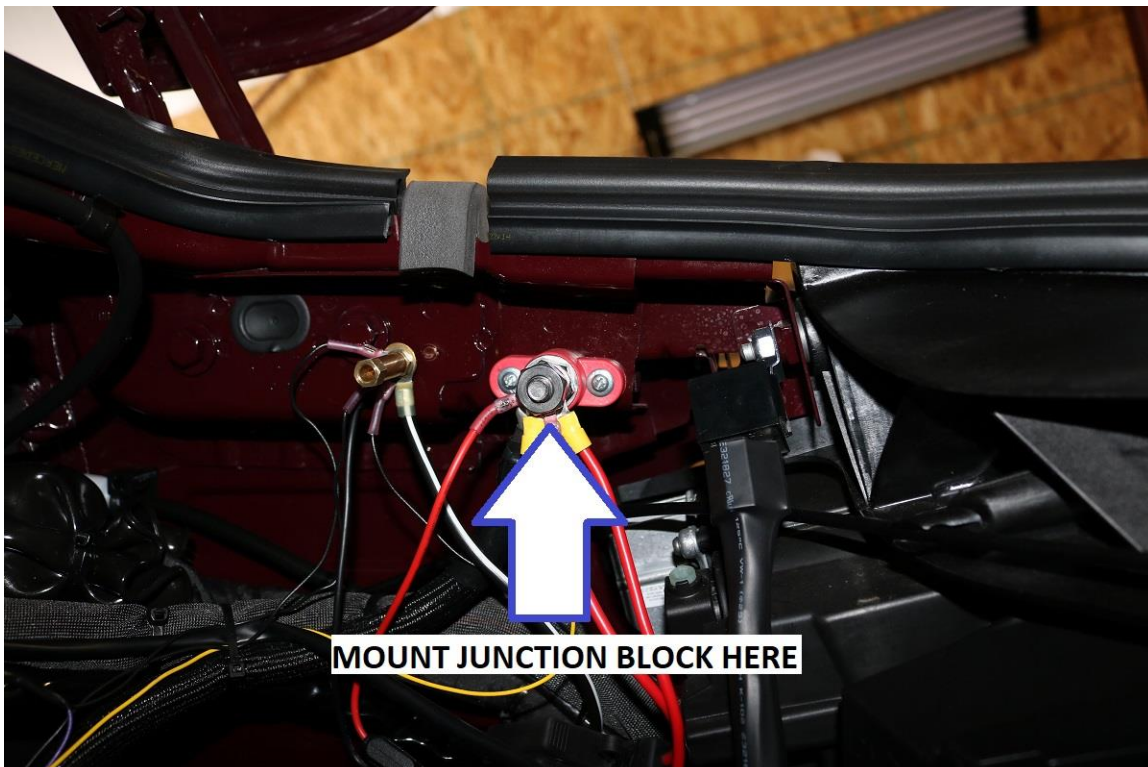
- 3) Remove the access panel and locate the ground cable. Press down on the red tab to release the lock tab and pull the connector back away from the firewall. Position the ground cable so it will not touch the grounding post for the duration of this installation.



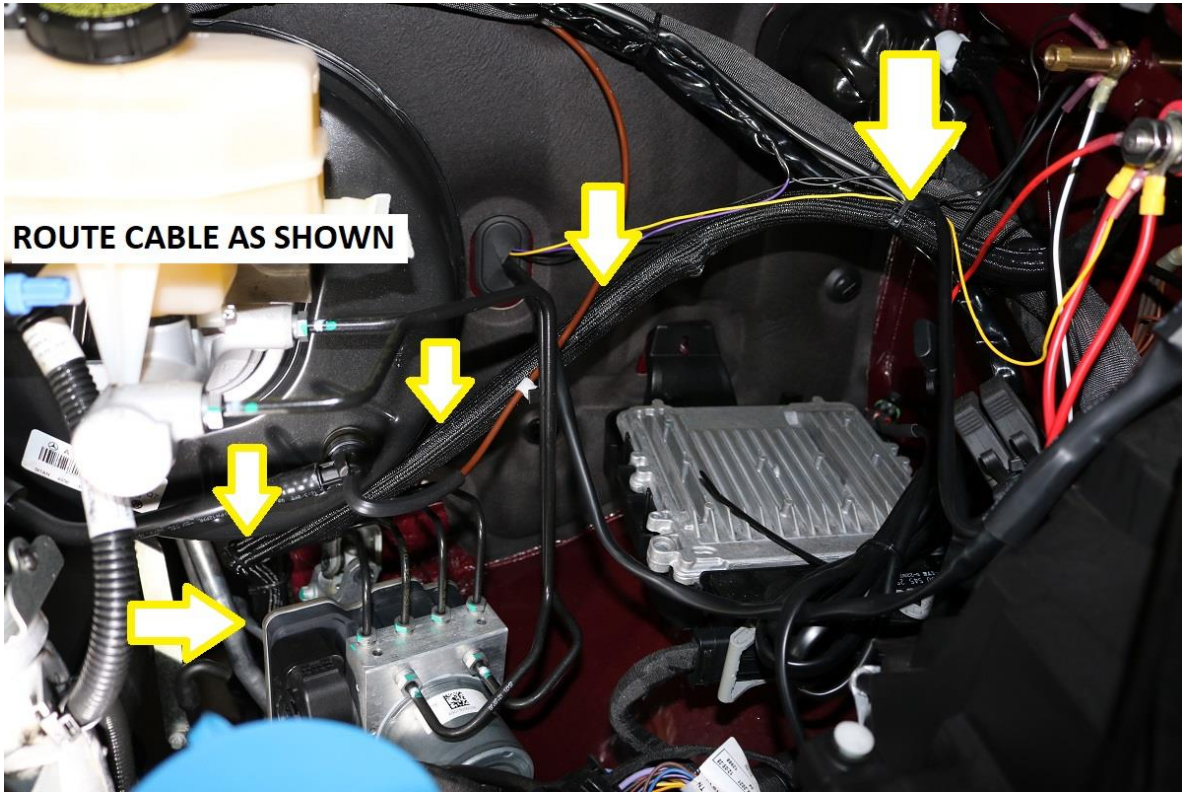
- 4) With the ground cable disconnected, move to the underside of the van on the driver side, just behind the front driver tire. Near the center of the transmission on the driver side, locate the OEM underfloor battery junction point.
  - a. Once located, use a flat blade screw driver or similar tool to pry the 4 plastic clips up slightly to free the cover from the vehicle so you can access the OEM junction point.



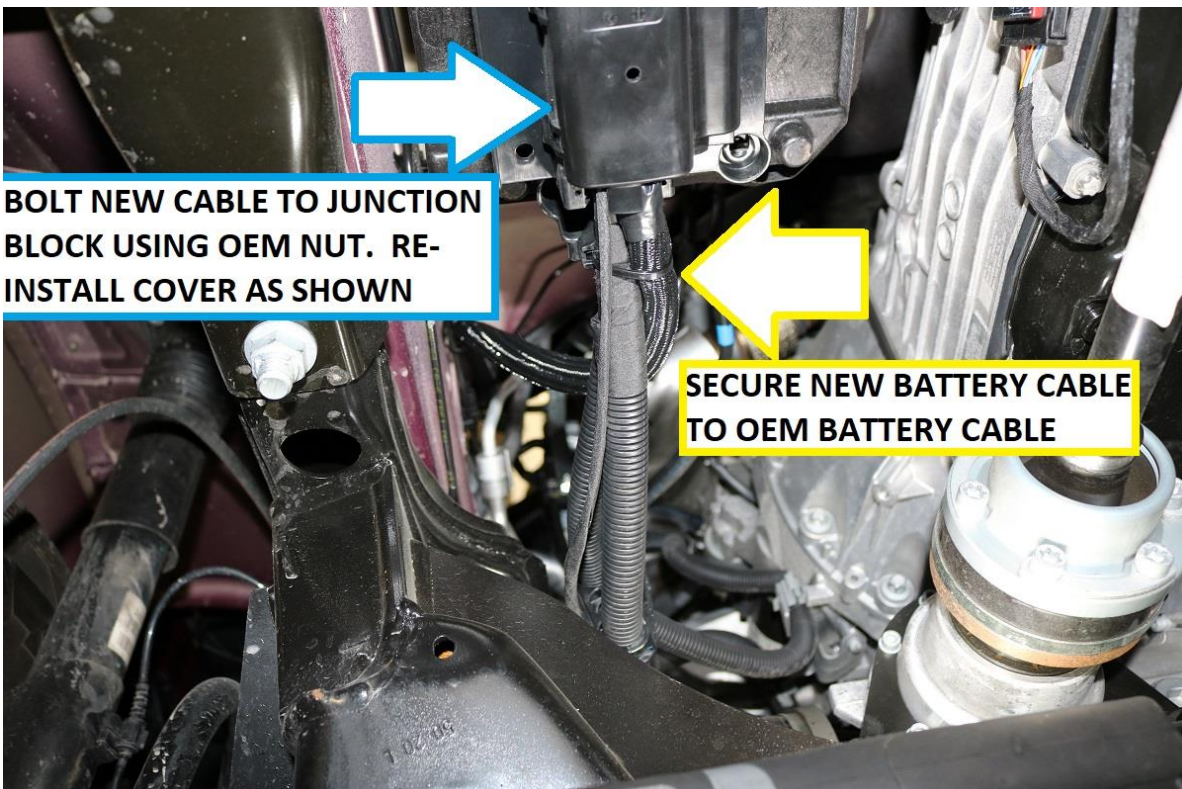
- 5) In the engine bay, on the driver side of the vehicle, mount the included stand alone junction block. Use the included #8 self tapping screws to secure the junction block to the driver side fender as shown below.



- 6) Install the included battery cable to the new junction block fitted in the engine bay first.
- Route the cable along the OEM harness, down towards the ABS module. Secure as shown using the zip ties provided. Secure to the brake hard line being sure to keep the battery cable away from contacting the steering shaft or A/C hard lines running down the driver side inner chassis.



- 7) With the battery cable routed down the driver side inner frame rail, use a 13mm socket / wrench to remove the nut on the OEM junction block.
- Secure the new battery cable to the OEM junction block and re-install plastic cover piece.



- 8) Reconnect the ground cable for the main engine start battery and re-install cover panel.
- 9) Wire winch or other 12V accessories according to the manufacturer's instructions.

### Installation is Complete

#### RELEASE OF LIABILITY

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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

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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.