



4060-05 – 2007-2018, MERCEDES SPRINTER NCV3, FRONT WINCH MOUNT, SHACKLE RECOVERY POINT

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 shackle recovery point that can be installed with simple hand tools.
- This shackle recovery point is only compatible with the Van Compass Front Winch Mount for 2007-2018 Sprinter vans. Part number: 4044
- The following instructions document retrofitting the 406005 shackle points to an older 4044 winch mount. All current 4044 Sprinter front winch mounts feature mounting holes to secure the shackle points.
- These shackle recovery points are designed to use ¾" D-ring style shackles.

Parts List

4060-05 – 2007-PRESENT, MERCEDES SPRINTER, SHACKLE RECOVERY POINT

- | | |
|----------------|--|
| • (2) 406005 | MERCEDES SPRINTER SHACKLE RECOVERY POINT |
| • (4) HC8-8-20 | HEX HEAD BOLT, ½-13 X 2.0" LONG |
| • (4) NSC-8 | STOVER NUT, ½-13 |
| • (8) WF-8 | FLAT WASHER, GR8 ½" |

Tools Needed

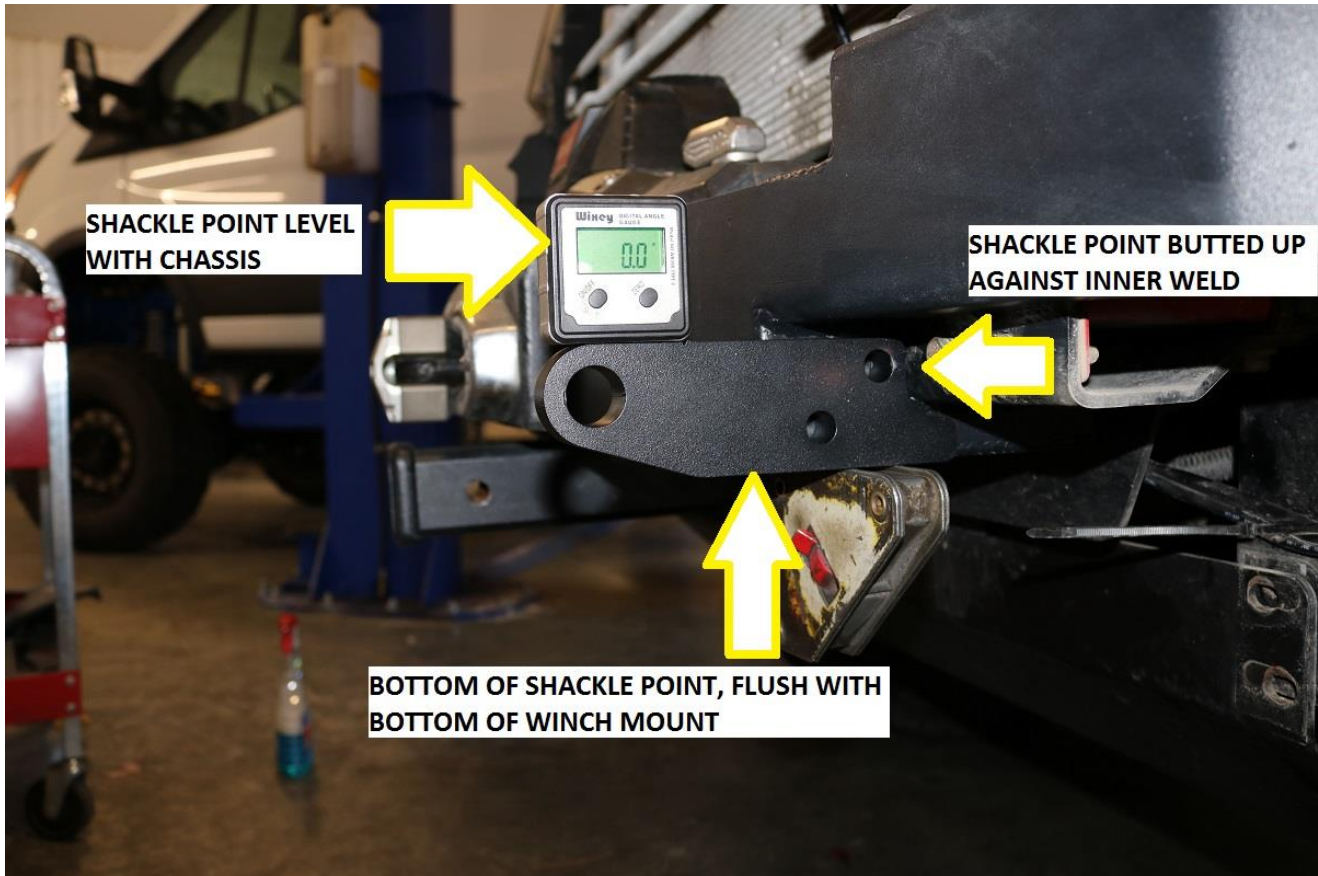
- Simple hand tools:
 - Torque Wrench
 - Basic wrench and socket set:
 - SAE sizes: ¾"
 - Hammer/ center punch
 - Drill with quality metal cutting ¼" (6mm) diameter or smaller drill bit to start a center hole
 - Quality metal cutting ½" (13mm) diameter drill bit
- Cutting tool for plastic bumper trimming.
 - 4-1/2" angle grinder or 3" pneumatic cut off tool
 - Die grinder with 1" drum sander or Dremel style tool with a round burr bit of sorts for plastic material trimming.

Approximate Installation Time

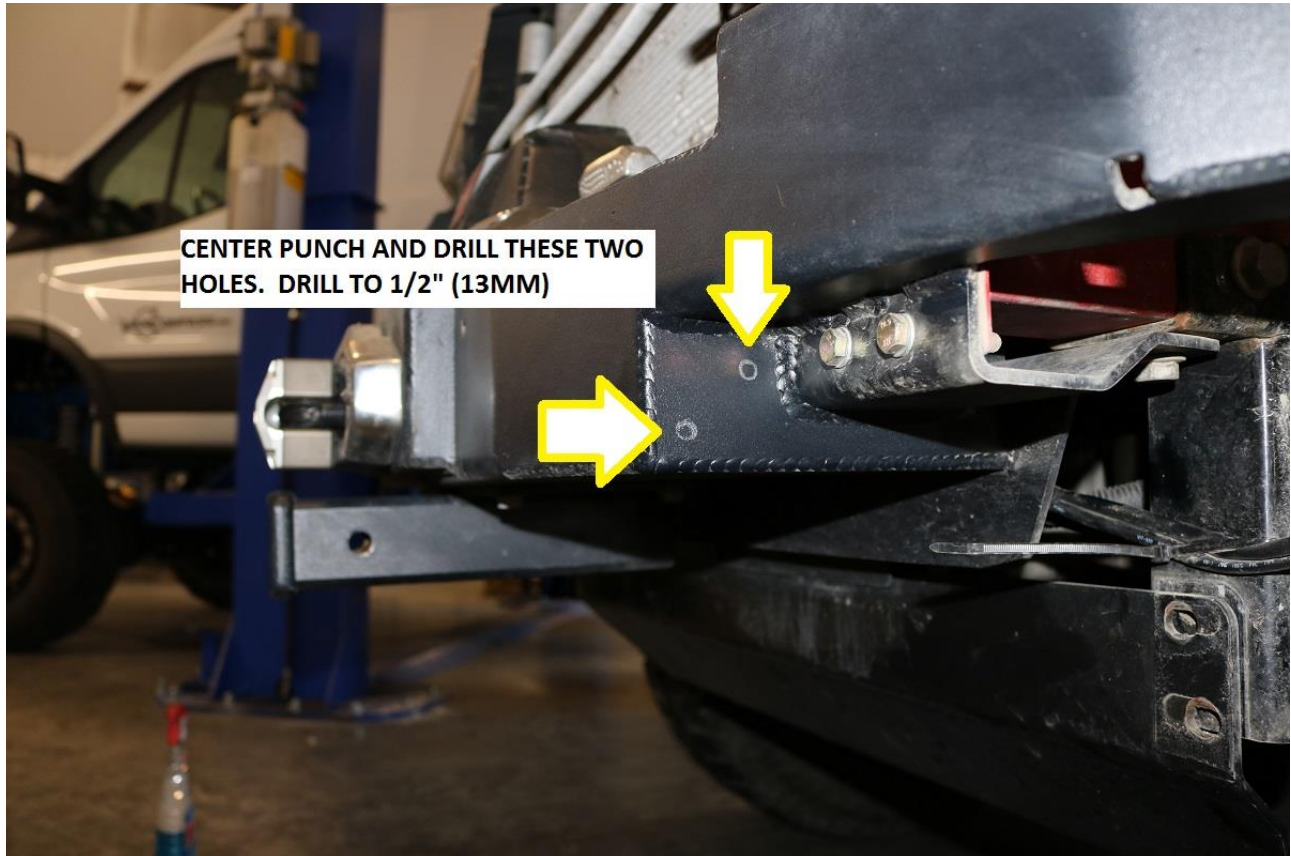
- 1-2 hours

Installation

- 1) Removal and trimming of the plastic front bumper cover is required for installation. Refer to the 4044 Instructions for procedures on removal of front bumper cover.
- 2) Use a strong magnet or clamp a straight edge to the bottom of the winch mount to set the height of the shackle point.
- 3) Ensure the shackle point is level with the chassis and butted up against the inner welds of the winch mount. See image below for reference.



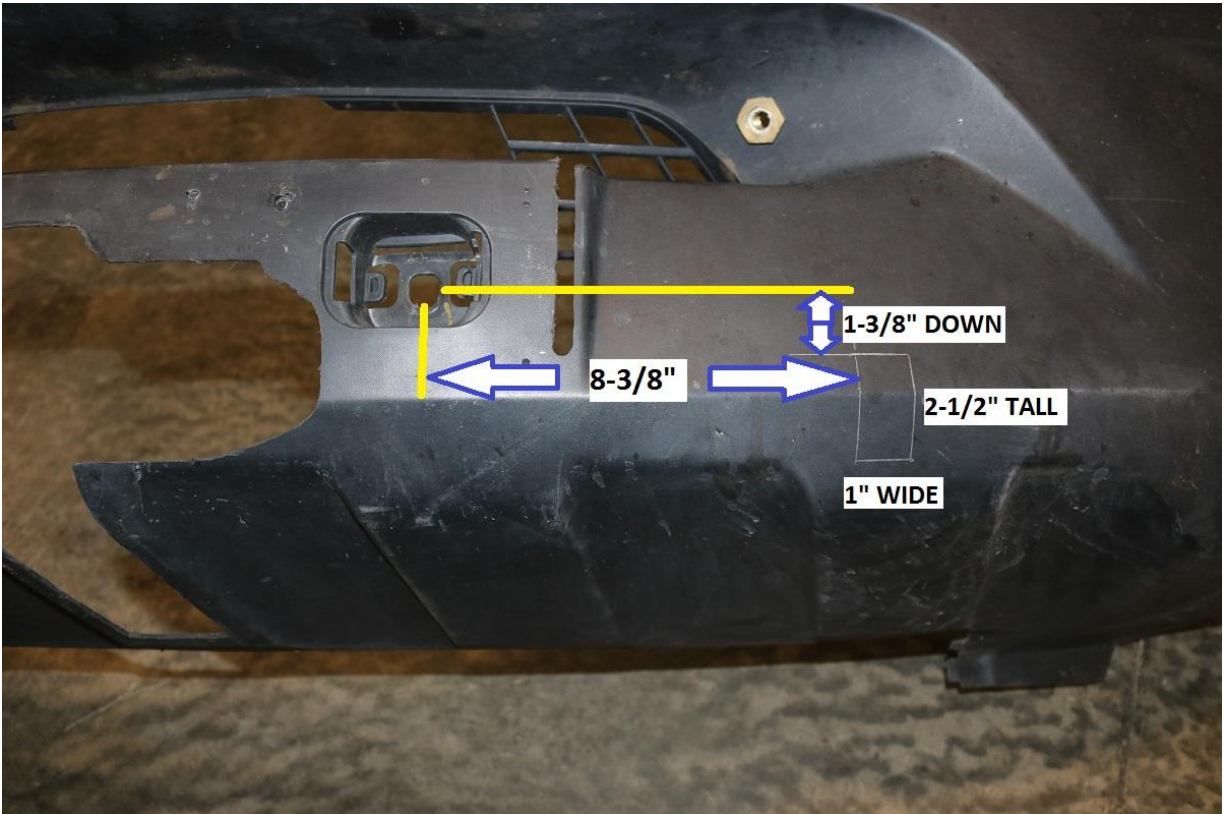
- 4) Once satisfied with shackle point placement, mark the mounting hole locations with a silver pencil or sharpie.
- 5) Remove the shackle point. Center punch and drill the marked holes.
 - a. We recommend drilling a small pilot hole to start then opening the hole up to its final diameter of $\frac{1}{2}$ " (or 13mm).



- 6) Once the holes are drilled, deburr any sharp metal edges and touch up any exposed areas of metal with paint to prevent corrosion.
- 7) Bolt the shackle point on using the supplied 1/2-13 x 2.0" long hex head bolts. Use a washer under the bolt head and stover nut.
 - a. Tighten bolts with a 3/4" socket / wrench and torque to 80 ft-lbs.



- 8) The following steps will cover trimming of the plastic bumper cover for the shackle points to protrude through.
- 9) Measure 8-3/8" over from the center of the front bumper mounting holes. Mark a vertical line. This is the inside line of an approximately 2-1/2" tall x 1.0" wide rectangular cutout to be made.
 - a. Measure 1-3/8" down from the center of the front bumper mounting holes. Mark a horizontal line. This is the top of the 2-1/2" tall x 1.0" wide rectangle to be cut.
 - b. Note, these trimming instructions are to be used as a guideline. Additional trimming may be necessary for a clean installation.



- 10) Use a body saw or small pneumatic cut off wheel to make the rectangular cuts. Drilling a hole in the corners of the rectangular area to be cut out will help make for a cleaner cut.
 - a. Measure / cut on both sides of the bumper if both tow points are to be installed.
 - b. Again, these cut instructions are just to be used as guidelines to get the bumper cover close, final trimming for shackle points will need to be done by fitting the bumper cover back to the vehicle and trimming accordingly.
- 11) Re-install the front bumper cover in the reverse order of removal. Again, refer to 4044 instructions for reference if needed.

Installation is Complete

RELEASE OF LIABILITY

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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.