



5003 – 2007-PRESENT, MERCEDES SPRINTER NCV3, REAR TRUNK

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 trunk requires relocation of the spare tire.
- Installation requires cutting a large hole in the floor of the vehicle and should be performed by a qualified installer.
 - As a rule of thumb, if you feel comfortable cutting a hole in the roof of the vehicle for a ventilation fan, then you can cut a hole in the floor for the installation of this rear trunk.
- This trunk is rated to hold 300lbs of weight. Do not exceed storing more than 300lbs in this trunk.
- This is a bolt on trunk that can be installed with simple hand tools and the use of a sawzall with a quality metal cutting blade.
- This trunk is designed to be installed on top of the finished flooring of the vehicle.
- For final weather proofing of the trunk, we recommend sealing the trunk box to the vehicle using Loctite brand Roof & Flashing Polyurethane Sealant. UPC # 079340689299

Parts List

5003 – 2007-PRESENT, MERCEDES SPRINTER NCV3, REAR TRUNK

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| • (1) 500301 | MERCEDES SPRINTER NCV3 REAR TRUNK |
| • (1) 500301-02 | MERCEDES SPRINTER NCV3 REAR TRUNK, TOP LID |
| • (1) 500301-05 | MERCEDES SPRINTER NCV3 REAR TRUNK, LATCH CATCH PLATE |
| • (28) MC5-10-20 | 10-24 X 2.0" LONG, MACHINE SCREW |
| • (42) NNC-10-24 | 10-24 NYLOCK NUT, CLEAR ZINC |
| • (12) MC5-10-10 | 10-24 X1.0" LONG MACHINE SCREW |
| • (2) 500302-01 | PIANO HINGE, 1 FT LONG |
| • (1) 500303-01 | RING-HANDLE PUSH TO CLOSE LATCH |
| • (10-FT) 500304-01 | RUBBER EDGE TRIM |
| • (1) 500305-01 | EXPANSION PLUG, 1.0" ID HOLE |

Tools Needed

- Measuring tape
- Sawzall with metal / wood cutting blade.
 - Minimum blade length = 8"
- 4-1/2" angle grinder with flap disc or similar metal sanding disc.
- Drill with metal cutting 3/16" (5mm) diameter drill bit.

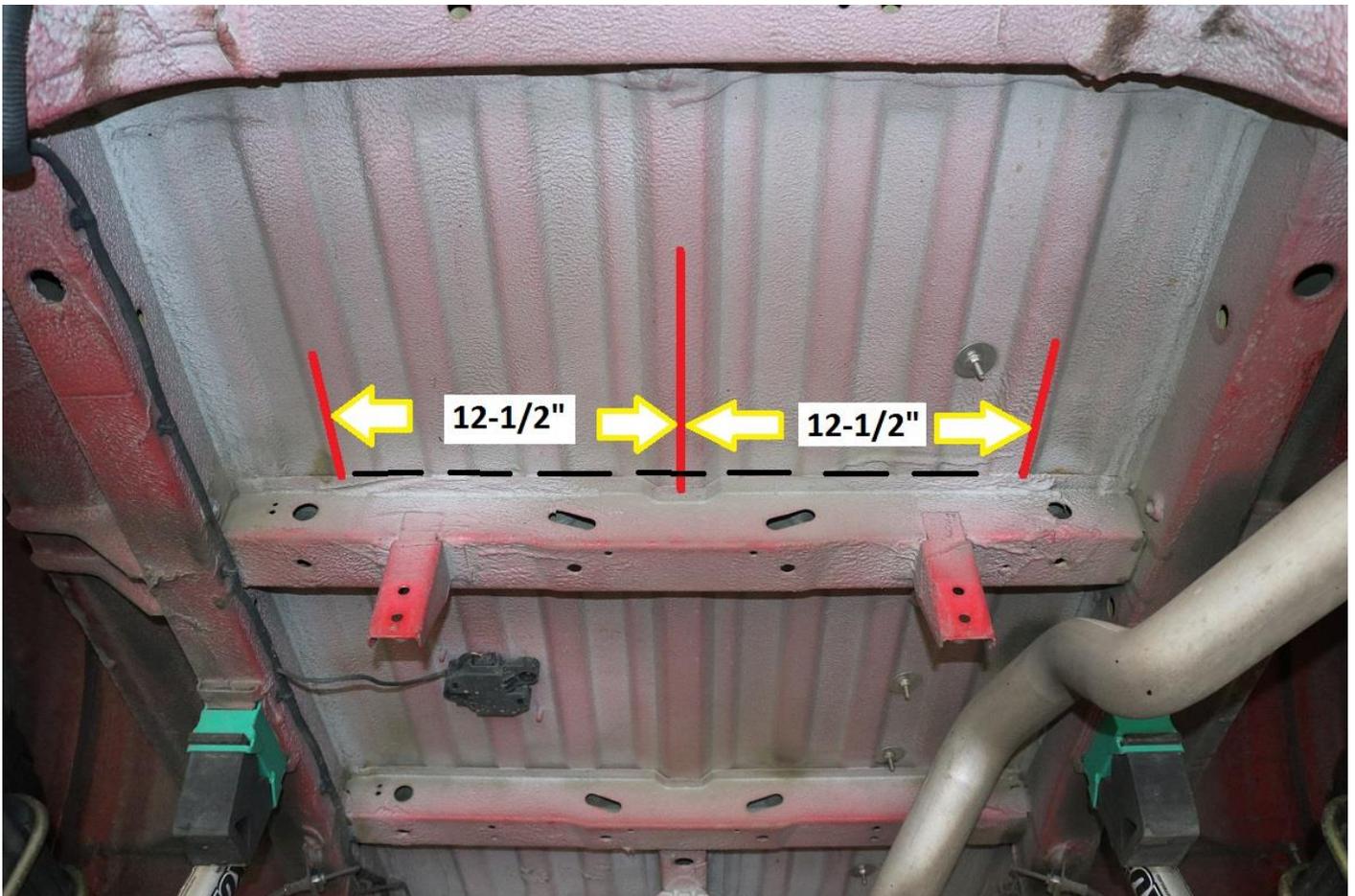
- Caulk gun with Loctite brand Roof & Flashing Polyurethane Sealant. UPC # 079340689299
- Simple hand tools:
 - Phillips #2 screwdriver
 - Basic wrench and socket set:
 - SAE sizes: 3/8"

Approximate Installation Time

- 3-4 hours

Installation

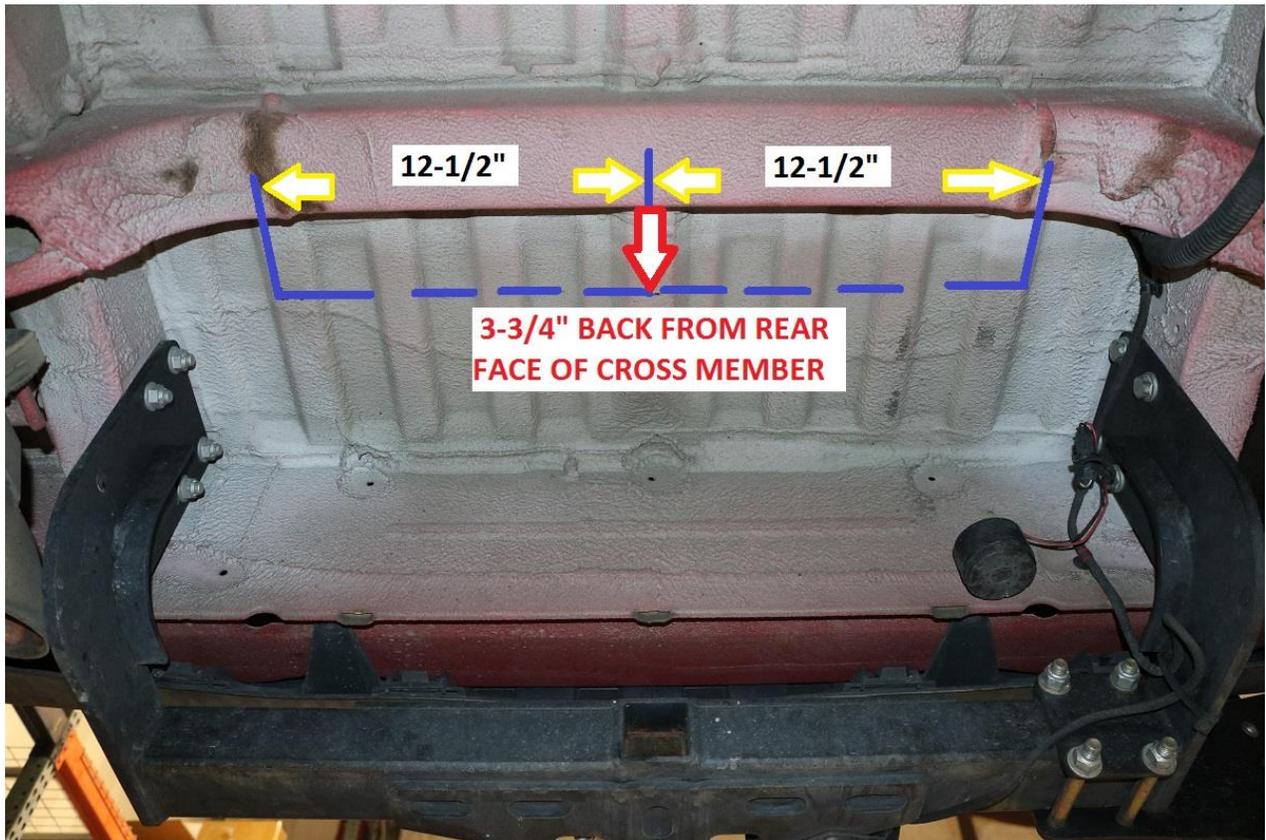
- 1) Remove the spare tire and factory spare tire mounting cage. Refer to your owner's manual for spare tire removal procedure.
- 2) With the tire removed from the mounting cage, un-bolt the mounting cage from the vehicle. Use a 13mm socket / wrench to remove the 4 remaining bolts securing the spare tire cage to the vehicle.
- 3) We will measure out the square cutout for the trunk install from the underside of the vehicle where we can use the factory floor ribs and cross members as a reference point.
- 4) Locate the bent flange of the cross member which secured the front of the spare tire mounting cage to the vehicle. Mark a line on the center of the center floor rib and measure out 12-1/2" on each side.
 - a. Note- the front cut line will be the edge of the flange of the cross member where it meets the floor. Note the black dashed line in the image below.



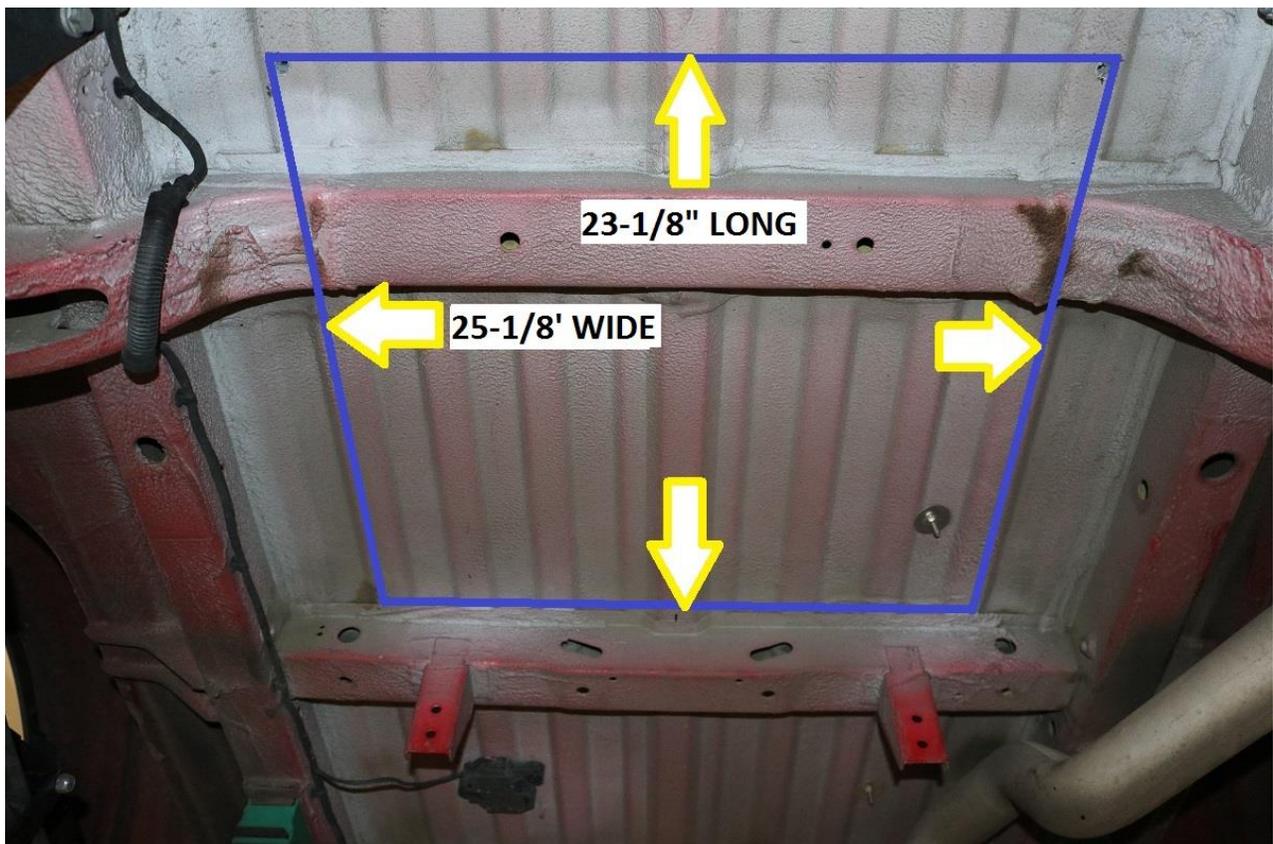
- 5) Towards the rear of the van, locate the rearmost cross member and again find the center of the center floor rib and mark a line approximately 3-3/4" back from the rear face of the rear cross member. See image below for reference.



- 6) Again, mark a center line on the center floor rib and measure outwards 12-1/2" on each side from center and 3-3/4" back from the rear face of the rear most cross member.
- See image below for reference.



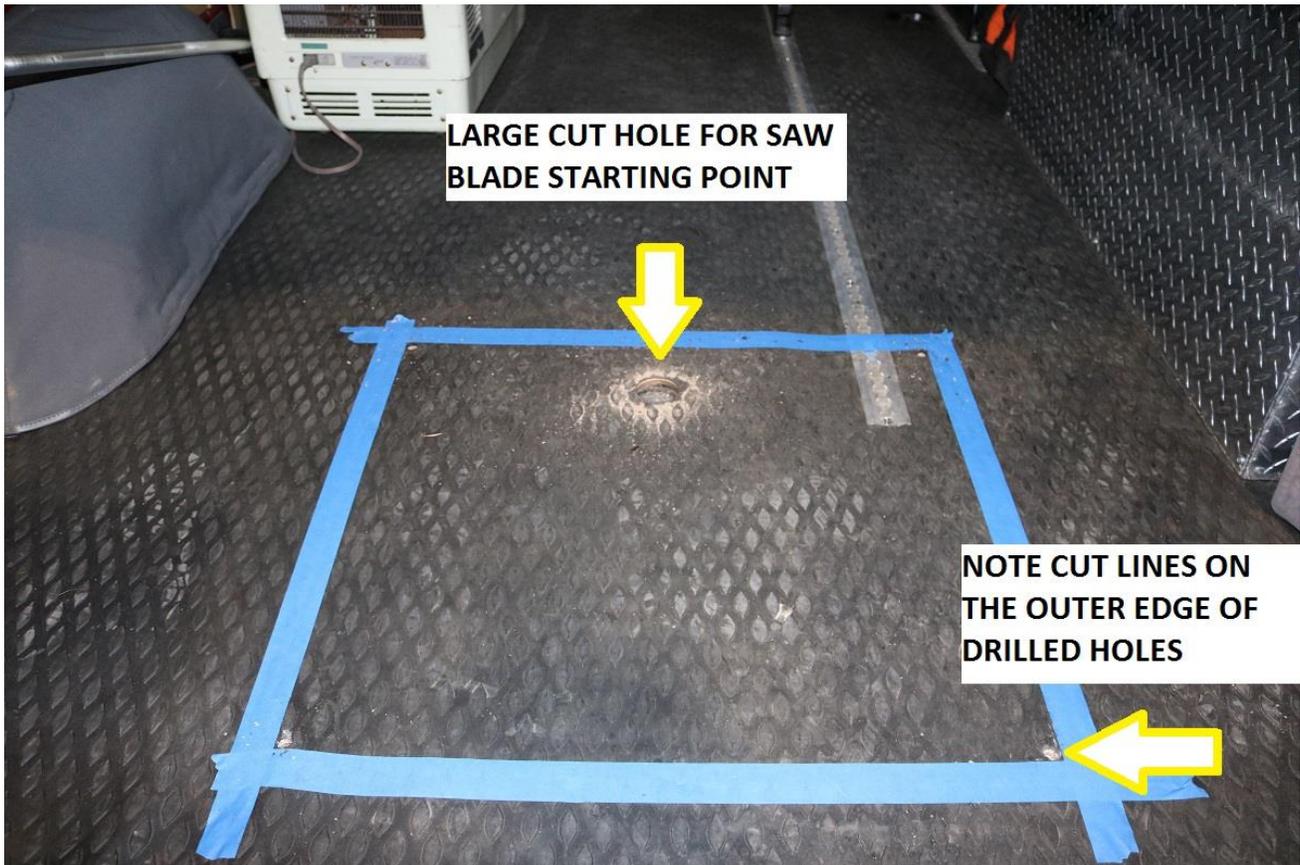
- 7) At this point, double check all measurements and ensure the end points are square and centered in the vehicle.
- a. NOTE – the trunk box measures out 25" wide x 23" long and our target hole cutout is 25-1/8" wide x 23-1/8" long. See image below for reference.



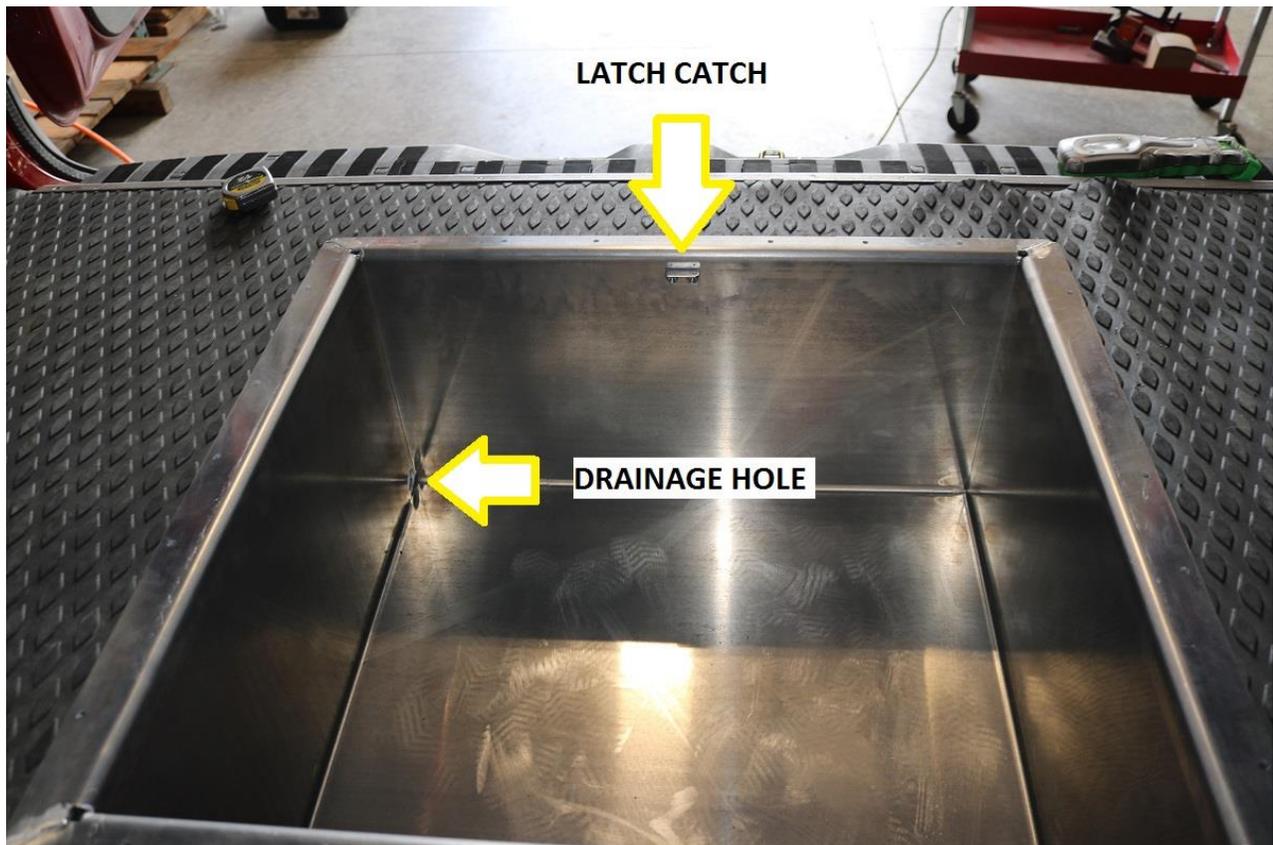
- 8) With all 4 corners of the cut referenced, mark inwards $\frac{1}{2}$ " from each marked line. Center punch and drill a $\frac{1}{2}$ " hole at all 4 corners of the cut.
- Note, ensure there is nothing in the vehicle's interior that will interfere or be damaged from drilling upwards into the floor.
 - See image below for reference.



- 9) Once all 4 holes have been drilled, move to the inside of the vehicle and connect the cut holes drilled with some masking tape to use as a reference for you're the cut lines.
- 10) We prefer to cut the floor out using a sawzall and 8" long bi-metal saw blade. To begin, use a large hole saw to allow for the swazall blade to be inserted as a starting point.



- 11) Again, double check all measurements before starting final cut.
- 12) Cut out the floor and check fit the rear trunk. Note, the latch tab mounting holes should be at the rear of the vehicle and the drainage hole should be located at the rear, passenger side of the trunk when installed in the vehicle.



- 13) Once satisfied with the cutout size and fitment of trunk, paint any exposed areas of metal with paint to prevent corrosion.
- 14) Re-install the trunk and drill mounting holes using a 3/16" drill bit.
 - a. Note – we suggest drilling 4 holes at opposite corners and dropping in one of the 10-24 x 2.0" long bolts at each location to hold trunk box in place for the duration of drilling.
- 15) Install the 10-24 x 2.0" long machine screws from the top. Install them on the sides of the trunk and the back edge. Do not install bolts in the front edge.



- 16) Assemble the piano hinges on the trunk.
 - a. Note, the round part of the hinge should be pointing up and the lid should sit on top. See the image below for reference.
 - b. Use the 1.0" long bolts for the lid side of the piano hinge.

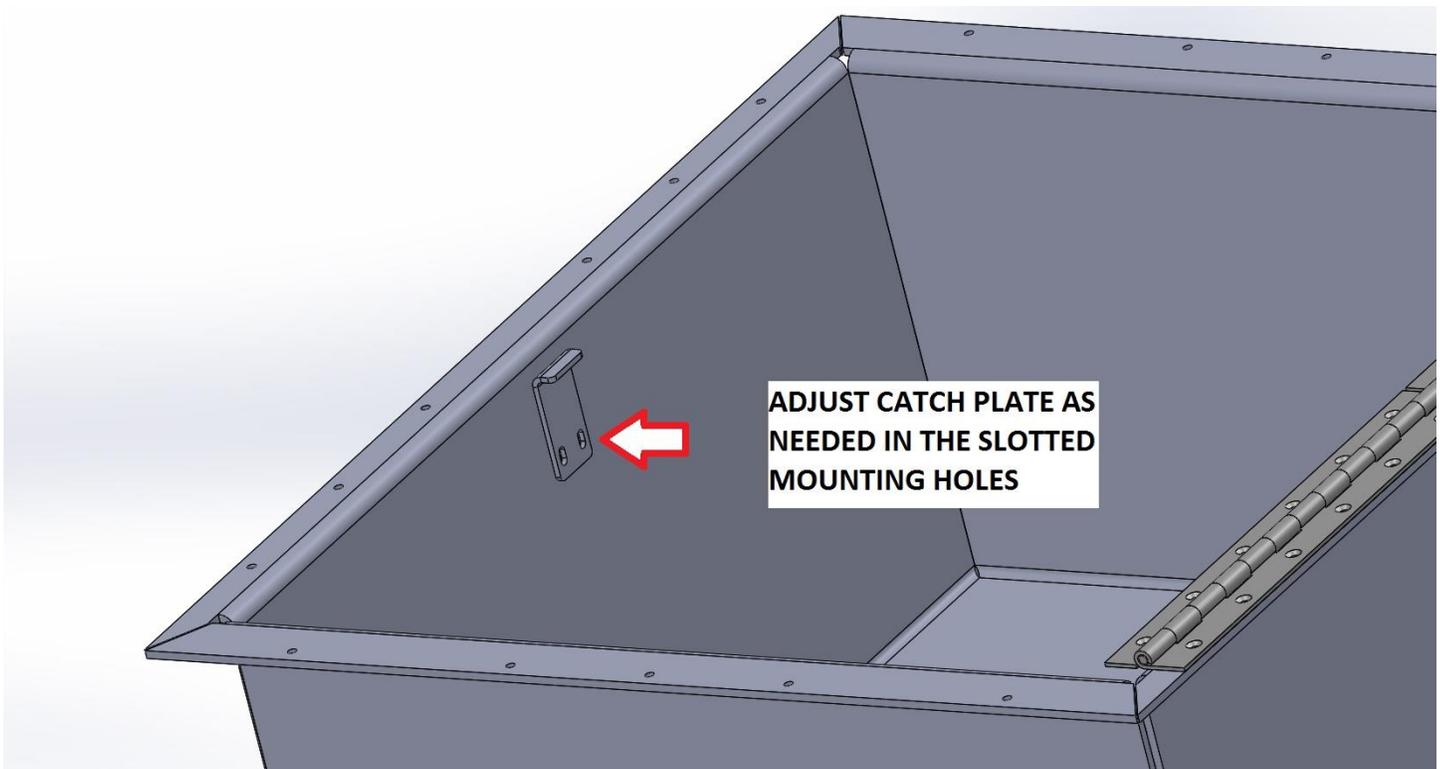
HINGE ON THE TOP SIDE



- 17) Once all bolts have been dropped through, move to the underside of the vehicle and install a washer and nylock nut on each bolt.
- 18) Tighten down all hardware. Have a person help hold the screws from above and snug down all the nylock nuts in a crisscross pattern using a 3/8" socket / wrench.
 - a. Do not over tighten.
 - b. A quick and easy way to evenly snug the hardware is to use a quality cordless drill with an adjustable clutch on the drill chuck and set it to one of the higher settings that will snug the hardware without stripping it.
- 19) Install the latch assembly using the two screws included with the latch. Install the latch catch plate into the trunk using the 10-24 x 1.0" long machine screws included with the kit. Use a 10-24 locknut to secure it to the box.
- 20) Fit the included edge trim around the lid. Pull trim tight, especially around the corners when installing it and ensure it is fully seated as far onto the material as possible.
- 21) Completed trunk install should appear as shown below.



22) Test close the lid with the edge trim installed and ensure the latch grabs the catch in the box and does not have too much up and down play. Adjust the catch up / down as needed for proper lid fitment.



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.