



Installation Guide



(DRIVER SIDE SHOWN)

SPRINTER REAR LADDER SP0203B/SP0204B

All Flatline Van Co products must be properly assembled and secured before attaching to your vehicle. Improper attachment could result in an automobile accident, and could cause serious bodily injury or death to you or to others involved. You are responsible for assembling and securing flatline van co products to your vehicle, checking the mounting points and attachments prior to use, and regularly inspecting the products for wear and or damage. We always recommend you use a professional to install any aftermarket accessories to your vehicle. If you have no mechanical experience and are not thoroughly familiar with the installation procedures, you must have the product installed by a professional installer or other qualified persons. The responsibility is yours and must be taken seriously for everyone's safety.

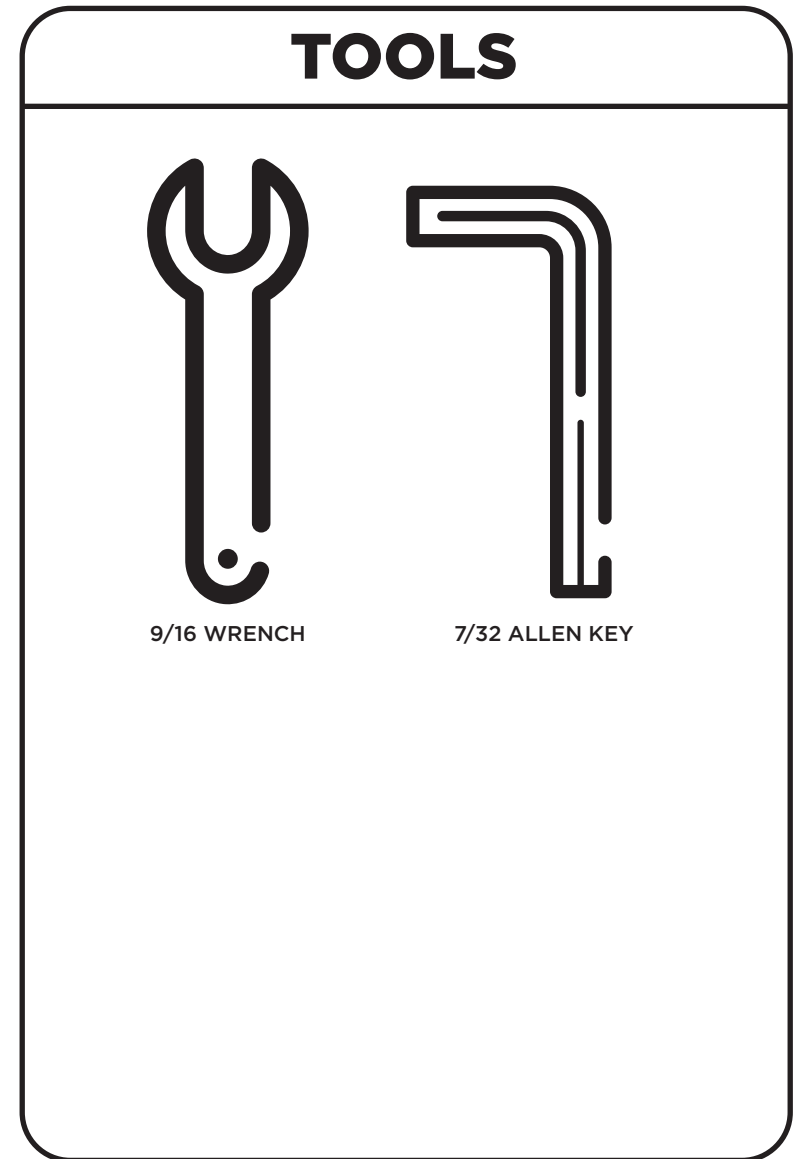


thanks.

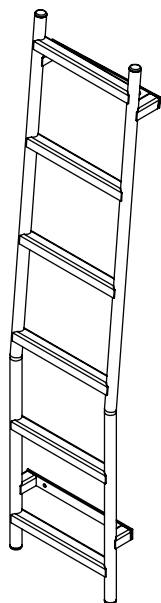
THANK YOU!

ARE YOU EXCITED ABOUT YOUR NEW SPRINTER REAR LADDER? HERE ARE A FEW THINGS TO DO BEFORE BEGINNING THE INSTALLATION PROCESS--

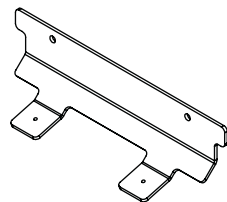
- PLEASE INSPECT THE PRODUCT TO ENSURE THERE WAS NO DAMAGE INCURRED DURING SHIPPING.
- IF THERE IS DAMAGE TO REPORT, PLEASE CONTACT OUR CUSTOMER SERVICE DEPARTMENT AS SOON AS POSSIBLE.
- NEXT, USING THE "PACKAGE CONTENTS" PAGE, CHECK INVENTORY AND FAMILIARIZE YOURSELF WITH THE PARTS AND HARDWARE.
- GATHER ALL TOOLS REQUIRED FOR INSTALL.
 - 9/16 BOX WRENCH (OR SOCKET)
 - 7/32 HEX KEY ALLEN WRENCH
 - PANEL REMOVAL TOOLS (IF YOU HAVE FACTORY DOOR PANELS)
 - POWER DRILL
 - 13/32" DRILL BIT
 - PAINTERS TAPE (SUGGESTED)
- WE SUGGEST HAVING AN EXTRA SET OF HANDS TO HELP!
- INSTALLATION PROCESS IS THE SAME FOR EITHER THE DRIVER OR PASSENGER LADDER.



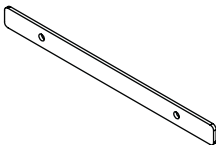
PACKAGE CONTENTS



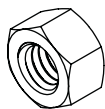
LADDER
QTY-1



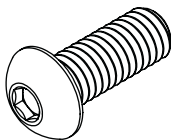
BOTTOM BACKER PLATE
QTY-1



TOP BACKER PLATE
QTY-1



3/8-16 HEX NUT
QTY-4



3/8-16 BUTTON HEAD SCREW
QTY-4



3/8 SPLIT LOCK WASHER
QTY-4



STICKER PACK
QTY-1



INSTALLATION GUIDE
QTY-1

LET'S GET STARTED!

1. FIRST STEP OF THE INSTALL IS TO REMOVE YOUR DOOR PANEL AND REMOVE ANY INSULATION MATERIALS THAT MAY BE PRESENT. THIS WILL GAIN YOU FULL ACCESS TO THE INNER DOOR STRUCTURE. THIS PROCESS IS BASICALLY THE SAME FOR THE PASSENGER OR THE DRIVER SIDE.
2. NEXT, MOVE BACK TO THE OUTSIDE OF THE VAN WHERE WE WILL BEGIN LAYOUT OF THE FIRST HOLE NEEDING TO BE DRILLED. WE RECOMMEND PUTTING A LAYER OF PAINTERS TAPE OVER THE WORKING AREA TO PROTECT YOUR PAINT FROM UNNECESSARY SCRATCHES.

THE MEASUREMENTS FOR YOUR FIRST HOLE ARE ROUGHLY **11.25"** FROM THE CENTER DOOR SEAM, AND ROUGHLY **15"** UP FROM THE BOTTOM DOOR SEAM. THESE ARE **ROUGH** MEASUREMENTS, AND TO BE USED AS A GUIDE LINE ONLY. CHECK ALL OF YOUR MEASUREMENTS BEFORE ANY DRILLING. IT IS ALSO A GOOD IDEA TO FIT THE BOTTOM BACKER PLATE IN PLACE TO GET A GOOD IDEA OF WHERE THE HOLES WILL BE, AND CROSS REFERENCE THAT TO YOUR OWN LAYOUT.

FIGURE 2



FIGURE 1



NOTE-

FOR **NCV3** MODELS, IT IS PREFERRED TO ALIGN THE LADDER TO REST ON THE SIDE BUMPER WHEN YOUR DOOR IS FULLY OPENED. WE HAVE NOTICED THAT SOME MODELS HAVE CONFLICT WITH THE LADDER AND THE BUMPER ON THE BACK DOOR. YOU EITHER NEED TO PURCHASE THE SHORTER BUMPER FOR THE DOOR, OR YOU NEED TO PLACE THE LADDER IN A POSITION THAT WILL NOT CONFLICT WITH THE DOOR MOUNTED BUMPER.

FOR **VS30** MODELS EQUIPPED WITH 270* HINGES; THE LADDER MIGHT MAKE CONTACT WITH THE SIDE OF YOUR VAN, SO IT IS SUGGESTED TO PLACE A RUBBER BUMPER OR NEOPRENE CUSHION WHERE CONTACT CAN BE MADE TO PROTECT THE VEHICLE'S PAINT FROM SCRATCHES.

3. NEXT YOU'RE GOING TO DRILL YOUR FIRST HOLE. AS PREVIOUSLY MENTIONED; **DOUBLE CHECK YOUR MEASUREMENTS BEFORE DRILLING!** ONCE YOU'VE DRILLED THE HOLE; HAVE SOMEONE HELP YOU LOOSELY BOLT THE LADDER ON. IT CERTAINLY HELPS IF YOU HAVE A LADDER AND A HELPER TO HOLD THE LADDER UPRIGHT. ALIGN THE LADDER THE WAY YOU WANT IT (WE SUGGEST FOLLOWING THE DOOR SEAM LINE) AND MARK THE REST OF YOUR HOLES THROUGH THE MOUNTING BRACKETS. (SEE **FIGURE 3 & 4** FOR DETAIL)
4. AFTER YOU'VE MARKED THE LOCATION OF ALL YOUR MOUNT HOLES; REMOVE THE LADDER AND SET ASIDE. NOW DRILL THE REST OF YOUR MOUNT HOLES.
NOTE- WE SUGGEST PAINTING AROUND THE HOLES TO PREVENT THEM FROM RUSTING.

FIGURE 3



FIGURE 4



5. NOW GRAB YOUR LADDER, FOAM BACKERS, AND BOTH BACKER PLATES. LOCATE THE LADDER ON THE DOOR WITH THE FOAM BACKER BETWEEN THE LADDER AND THE VAN DOOR, PUSH YOUR 3/8-16 BUTTON HEAD SCREWS THROUGH THE MOUNTING HOLES, AND THEN PLACE THE BACKER PLATES IN THE APPROPRIATE LOCATIONS AS SHOWN IN **FIGURE 2 & 5**. PLACE THE 3/8 LOCK WASHERS AND 3/8 HEX NUTS ON THE BOLTS AND SNUG. DRIVE TWO SELF DRILLING SCREWS THROUGH THE BOTTOM BACKER PLATE AS SHOWN IN **FIGURE 6** (THIS ISN'T NECESSARY, BUT ADDS RIGIDITY) THEN TIGHTEN DOWN ALL OF THE BOLTS.

NOTE- IF DESIRED YOU CAN SEAL THE BOLTS ON THE BACKSIDE WITH AUTOMOTIVE GRADE SEALANT FOR PEACE OF MIND, BUT NOT REQUIRED.

FIGURE 6



FIGURE 5



5. NOW YOU CAN PUT ALL YOUR INSULATION BACK IN (IF YOU HAVE ANY) AND REINSTALL YOUR DOOR PANEL. YOU'RE READY TO HIT THE ROAD!

GET OUT AND EXPLORE!

LEAVE US A REVIEW

Happy with your new FVC product? We would love to hear (and see) from you! Head to the product page and click "Leave Review." Add a short review and upload a few photos to be showcased on the product page.

SHARE YOUR PHOTOS WITH US

We love seeing how our customers use their FVC products and following along with your adventures. Tag us in your photos with @flatlinevanco or send them to us via email. We love posting customer pictures in our feed!

CUSTOMER SUPPORT

If you are having any issues with your product, please reach out, and we will make it right. FVC is a company of van and outdoor enthusiasts that design and use our own products, so we want you to be as stoked on your new parts as we are!



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thanks!