



## Installation Guide



## Passenger Rear Door Platform SP1109B

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.

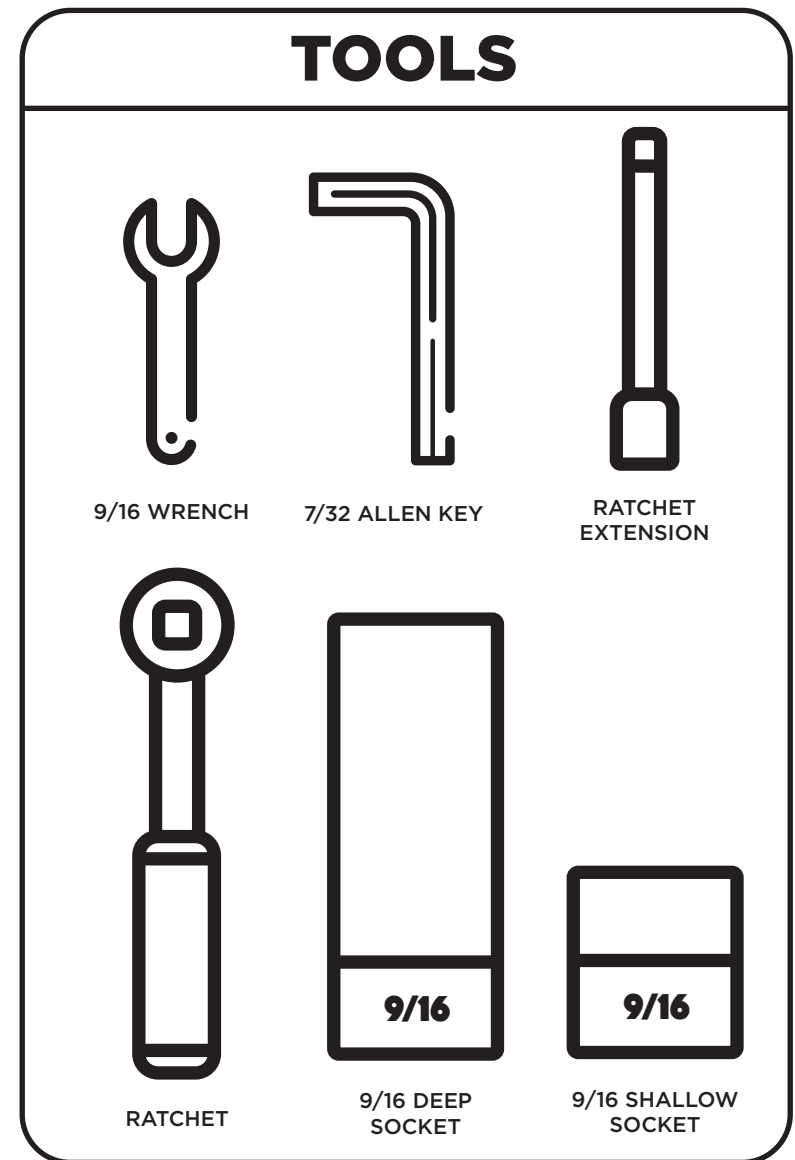
# THANK YOU!

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

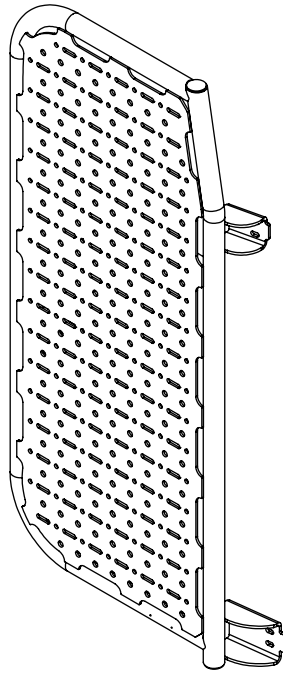
- PLEASE INSPECT THE PRODUCT TO ENSURE THERE WAS NO DAMAGE INCURRED DURING SHIPPING.
- IF THERE IS DAMAGE TO REPORT, PLEASE CONTACT OUR CUSTOMER SERVICE DEPARTMENT AS SOON AS POSSIBLE.
- NEXT, USING THE "PACKAGE CONTENTS" PAGE, CHECK INVENTORY AND FAMILIARIZE YOURSELF WITH THE PARTS AND HARDWARE.
- GATHER ALL TOOLS REQUIRED FOR INSTALL.
  - POWER DRILL
  - 3/16 DRILL BIT
  - 13/32 DRILL BIT
  - 9/16 BOX WRENCH OR SOCKET
  - 7/32 HEX KEY ALLEN WRENCH OR ALLEN HEAD SOCKET

ESTIMATED INSTALL TIME- 1 HR

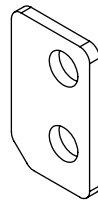
ADDITIONAL HELP IS SUGGESTED FOR A FEW OF THE INSTALL STEPS.



# PACKAGE CONTENTS



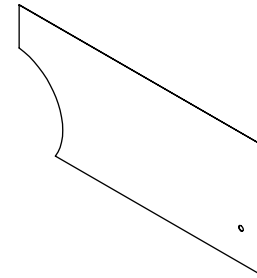
REAR DOOR PLATFORM  
QTY - 1



LOWER HINGE  
BACKING PLATE  
QTY - 1

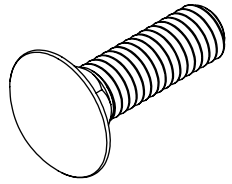


UPPER HINGE  
BACKING PLATE  
QTY - 1



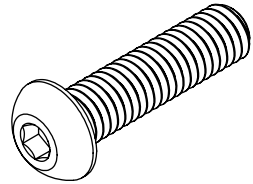
DRILL TEMPLATE  
QTY - 1

# HARDWARE



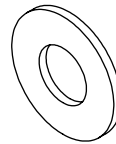
3/8-16 X 1.25 SQUARE  
NECK CARRIAGE  
BOLT

QTY - 1



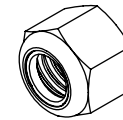
3/8-16 X 1.5 BUTTON  
HEAD HEX DRIVE  
SCREW

QTY - 4



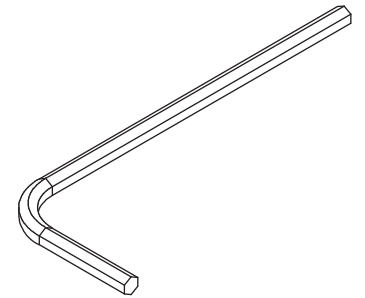
3/8 SCREW FLAT  
WASHER

QTY - 9



3/8-16 NYLON INSERT  
LOCKNUT

QTY - 5



7/32 HEX KEY

QTY - 1

# LET'S GET STARTED!

1. FIRST STEP IS TO REMOVE YOUR INTERIOR DOOR PANEL AND ANY THING THAT MAY BE IN THE WAY, LIKE INSULATION, ETC.  
**NOTE-** YOU MAY HAVE ANY NUMBER OF DIFFERENT DOOR CONFIGURATIONS- STOCK FULL TRIM, STOCK HALF TRIM, STOCK PANEL, UPHOLSTERED WOOD, ETC. EACH REQUIRE THEIR OWN REMOVAL METHOD.
2. NOW, YOU WANT TO MARK YOUR HOLE TO DRILL USING THE PROVIDED **TEMPLATE**. THE IMAGE IN FIGURE 1 TO THE RIGHT SHOWS YOU HOW IT ALIGNS WITH YOUR DOOR PANEL. ALIGN THE LEFT SIDE WITH THE EDGE OF YOUR DOOR, AND ALIGN THE TOP WITH THE SEAM ON TOP.
3. USING THE **3/16 DRILL BIT**, BEGIN DRILLING YOUR HOLE. ONCE YOU'VE DRILLED THROUGH BOTH LAYERS OF THE DOOR SHEET METAL, SWITCH TO THE **13/32 DRILL BIT** AND DRILL THE HOLE OUT TO THE FINAL SIZE.  
**NOTE-** IF YOU PREFER TO USE A SMALLER PILOT HOLE INITIALLY AND STEP UP YOUR HOLE SIZE IN SMALLER INCREMENTS THAT WORKS WELL TOO.

FIGURE 2



FIGURE 1





**FIGURE 3**



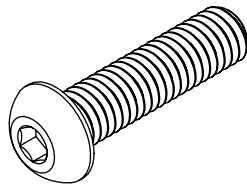
4. NEXT, WE RECOMMEND DE-BURRING THE HOLE USING A GRINDING STONE OR A COUNTERSINK. A LARGER DRILL BIT WILL WORK IN A PINCH AS WELL IF YOU'RE CAREFUL WITH IT.
5. WITH THE HOLE DE-BURRED; CLEAN THE AREA WITH ALCOHOL, AND APPLY A RUST PREVENTIVE. WE USUALLY JUST USE RUSTOLEUM PAINT, BUT ANY RUST PREVENTIVE PAINT OR COATING WILL WORK JUST FINE.

**FIGURE 4**

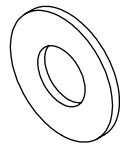


6. GRAB THE UPPER & LOWER HINGE BACKING PLATES, 3/8-16 X 1.5 BUTTON HEAD HEX DRIVE SCREWS, AND 3/8 FLAT WASHERS AND INSERT INTO THE CORRESPONDING LOCATIONS AS SHOWN ON THE RIGHT.

**NOTE-** IT SAVES HEADACHE TO HAVE SOMEONE HOLD THE HARDWARE AND BACKER PLATES IN PLACE FOR THE NEXT STEP.



3/8-16 X 1.5 BUTTON  
HEAD HEX DRIVE  
SCREW



3/8 SCREW FLAT  
WASHER

TOP HINGE



BOTTOM HINGE





7. WHILE SOMEONE IS HOLDING THE BACKER PLATES AND HARDWARE IN PLACE (SEE RIGHT) GRAB THE **REAR DOOR PLATFORM** AND HANG IT ON THE DOOR. ONCE IN PLACE, FASTEN THE **3/8 FLAT WASHERS** AND **3/8-16 NYLON INSERT LOCKNUTS** ONTO THE PROTRUDING BOLTS TO HOLD THE PANEL IN PLACE. *DO NOT TIGHTEN THESE FASTENERS YET.*

FIGURE 5



FIGURE 6



FIGURE 7



8. YOU MAY BE ABLE TO DO THIS YOURSELF, BUT IT'S MUCH EASIER TO HAVE HELP. GRAB THE **3/8-16 X 1.25 CARRIAGE BOLT** AND INSERT IT THROUGH THE SLOT ON THE DOOR MOUNT BRACKET OF THE **REAR DOOR PLATFORM** AND THROUGH THE HOLE YOU DRILLED IN THE DOOR. HAVE SOMEONE HOLD THIS IN PLACE WHILE YOU GET THE **3/8 FLAT WASHER** AND **3/8-16 NYLON INSERT LOCKNUT** STARTED. WE SUGGEST USING A SHALLOW SOCKET AS SHOWN IN **FIGURE 9** TO START, AND THEN SWITCH TO DEEP TO TIGHTEN (**FIGURE 10**). **DO NOT TIGHTEN THE NUT ALL THE WAY YET.**

**NOTE-** WE ADVISED LEAVING THE HINGE MOUNTS LOOSE SO THAT YOU COULD EASILY SHIFT THE FRAME WELDMENT INTO ALIGNMENT WITH THE HOLE.

**FIGURE 8**



**FIGURE 9**



**FIGURE 10**



9. THE FINAL STEP IS TO ALIGN THE **REAR DOOR PLATFORM** ON YOUR DOOR. THE **LOWER HINGE MOUNT** HAS A STOP BUILT INTO THE BRACKET. OPEN YOUR DOOR CAREFULLY TO APPROXIMATELY 135° (45° AWAY FROM SIDE OF VAN) AND ADJUST **LOWER HINGE MOUNT** INTO PLACE AS SHOWN BELOW IN **FIGURE 11** AND SNUG THEM DOWN. THE SIDE OF THE PLATFORM SHOULD FOLLOW THE BODY LINE OF THE VAN. ONCE ALIGNED; TIGHTEN ALL BOLTS/NUTS, AND YOU ARE FINISHED AND READY TO CONFIGURE YOUR PLATFORM!

FIGURE 11



FIGURE 12



# 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!



**@flatlinevanco**



**facebook.com/flatlinevanco**



**youtube.com/c/flatlinevanco**



**support@flatlinevanco.com**



**thanks!**