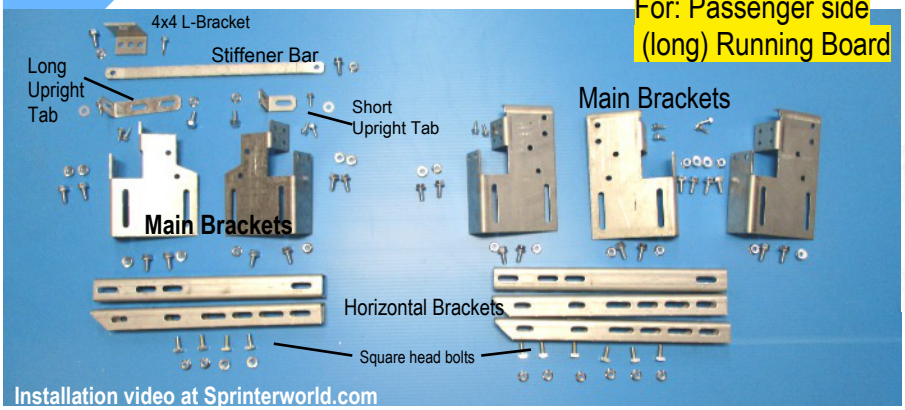
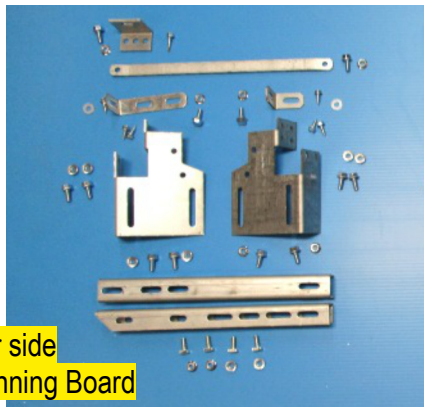
2007 & UP Sprinter Running Boards

Open the bracket kit and inspect what is included. The Main Brackets are numbered which indicate their positions on the vehicle, measured rearward from the front mudflap (see yellow arrow in photo below). Also find the Horizontal Brackets and the fastener bag. Inside it you will find the Flange Bolts & Nuts, Square Head Bolts, and the Self Tapping Screws and washers.

Tools needed:
Drill Impact driver
5/16" drill bit
3/8" Socket & 1/2" socket
1/2" open end/box wrench
Hand Ratchet & short extension

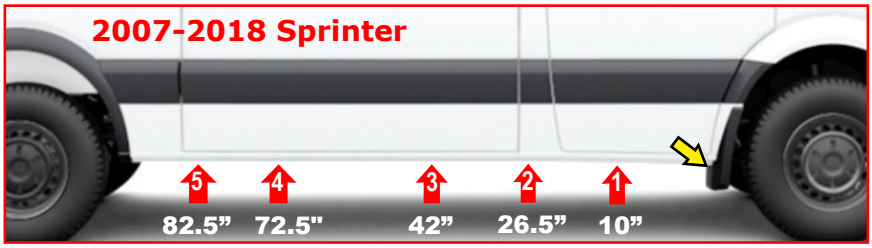


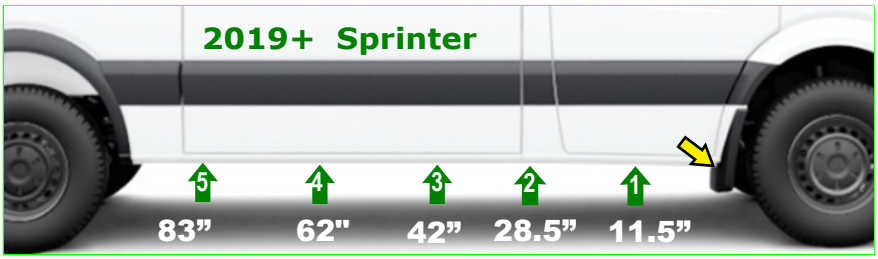
For: Passenger side (long) Running Board



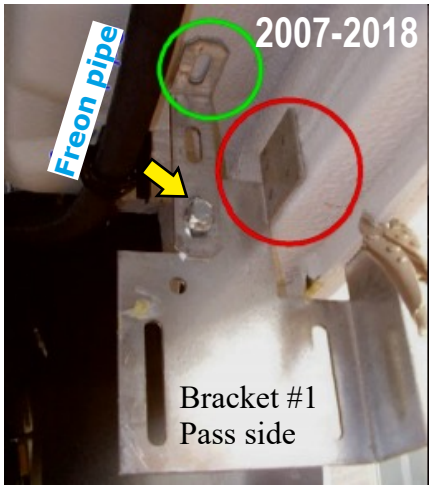
For: Driver side (short) Running Board

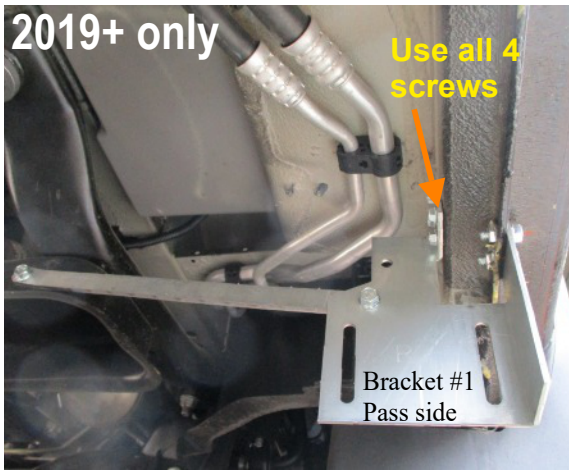
Start on the PASSENGER SIDE.
Using the photo at right as your guide, begin by measuring back from the mudflap (highlighted by the yellow arrow). Take a grease pencil or masking tape strips and mark the pinchweld (the lower lip) at these locations. Your main brackets will be centered on these marks. The brackets have numbers (1 thru 5) indicating their proper locations. Here, the passenger side is shown marked for 5 brackets. The driver side has a short running board and therefore uses only the first 2 brackets which use the same measurements. Note: if you purchased the short/short running board kit, the passenger side will *also* be using only the first 2 brackets.



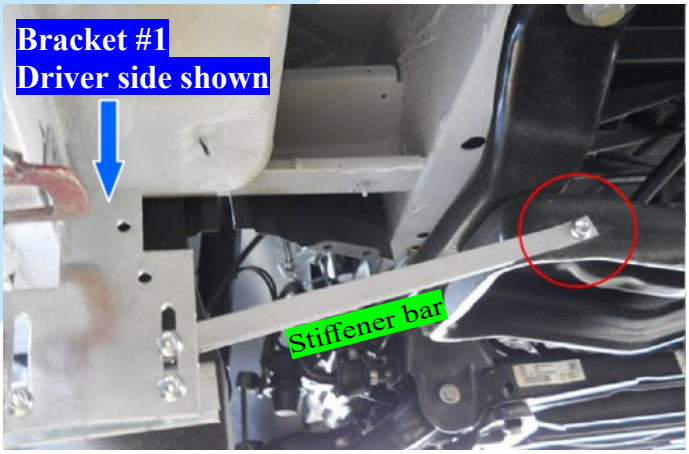


At the designated locations, use the main bracket as a drill guide and drill one 5/16" hole. Once drilled, install a serrated bolt & nut from behind, and tighten. Check that the bracket is mounted straight and then drill the second hole. Install another bolt & nut and tighten fully.

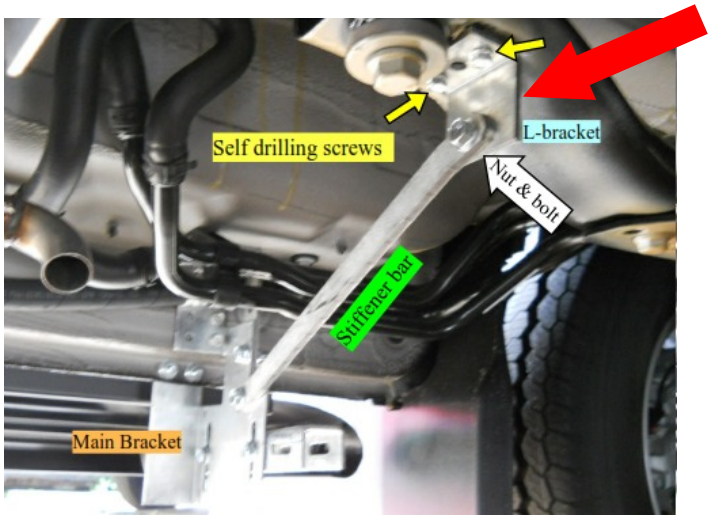




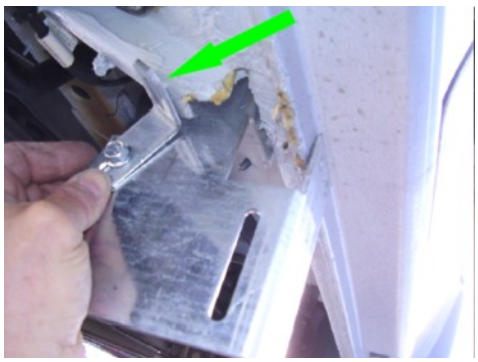
The left photo shows the passenger side bracket **#1** in place. Once this bracket has been fastened to the pinch-weld, screw in the back side of the bracket (**red circle**) with the supplied self-tapping screws. There is a freon pipe present on Sprinters with rear A/C, and the bracket is shaped to allow clearance for this pipe. Note: the self-tapping screws can be installed by drilling a 1/8" pilot hole, or they can be forced in by using a driver with a 3/8" socket. You will use 2 screws per bracket… select any 2 holes. Next, install the long Upright Tab to the main bracket with a serrated bolt & nut (yellow arrow). Then screw the upright tab into the underside of the stepwell (**green circle**) with a self tapping screw and flat washer. —Note: If your Sprinter is a 2019 (or newer) model equipped with rear A/C, the photo to the right shows Bracket #1 properly installed **without** the upright tab used. Also, use all 4 screws on the back of the rocker panel (orange arrow).



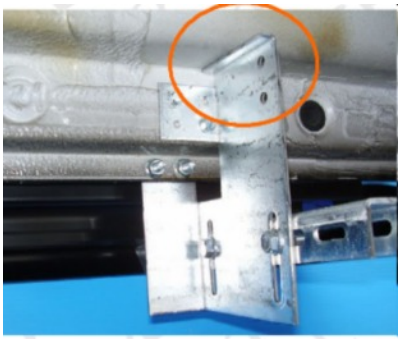
The stiffener bar shown is used to strengthen Main Bracket #1. This is a typical installation on a **2 wheel drive** Sprinter. The stiffener bar bolts to the Sprinter's cross-member **(red circle)**. The photo shows the driver side, it installs the same way on the passenger side.



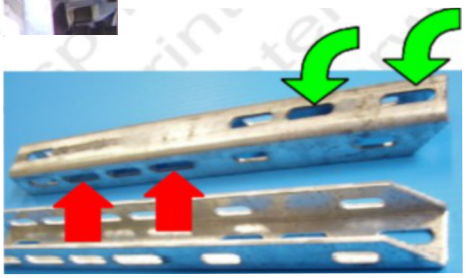
The photo above shows the stiffener bar installed on a **4x4** Sprinter.which requires the use of the included L-bracket **(red arrow)**. This L-bracket is used **only** if your Sprinter is 4 wheel drive.



Mount bracket #2 to the pinchweld and install the short UPRIGHT TAB by drilling and bolting to the Sprinter's angled flange (**green arrow**). The next photo shows the backside view of main bracket #2. Install 2 self tapping screws in any two of the four holes. (**Red circle**)



Install brackets 3, 4 & 5 as shown. They are bolted to the pinchweld and screwed to the backside of the rocker panel as before. These brackets don't have an UPRIGHT TAB, but instead rest against the underside of the stepwell (**orange circle**).

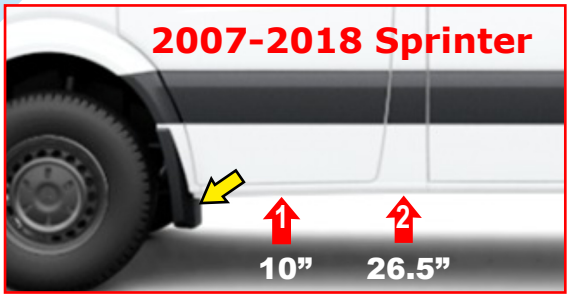


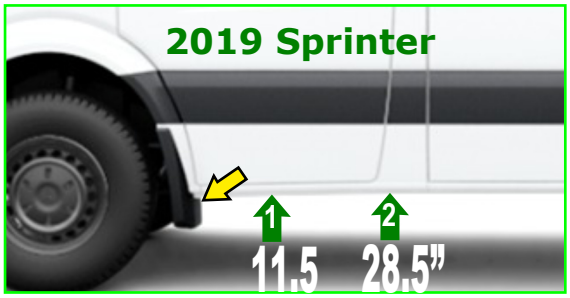
Note the holes marked with the **RED** arrows. These are the holes you will use to mount the Horizontal Bracket to the Main Brackets. The holes marked with the **GREEN** arrows are where the running board attaches.

Next, mount the horizontal brackets to the front and rear Main Brackets, and hand tighten only. Then slide the square-head bolts into the two grooves on the underside of the running board: 5 bolts per groove on the long running board, 2 bolts per groove on the short running board. (We used blue masking tape to keep the bolts from sliding out while handling the running board). Flip the running board over and mount it to the horizontal brackets, and hand tighten the nuts. Next, move the front horizontal bracket up into position, and then do the same with the rear bracket. It will take some up-and-down adjusting to get the running board to look level to the Sprinter's body. The flexible backsplash on the running board should gently contact the Sprinter's body.

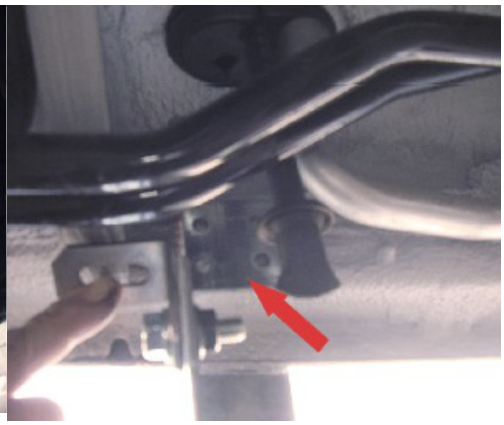
Then while standing, look straight downward at the running board and adjust it in-and-out to the Sprinter. Once you are satisfied with the appearance, tighten all of the fasteners. You can now easily add the remaining horizontal brackets and fasteners since all of the adjusting and leveling is done. Double check all of your fasteners and the passenger side is complete.

Again, the Main Brackets are positioned using the mudflap as your reference point. Measure back from the mudflap (yellow arrow) and mark the pinchweld at the measurements shown in the photos . Center each Main Bracket at these locations.





Sprinters equipped with rear heat and A/C will have several A/C and coolant pipes present, so care must be taken while installing the brackets. The photo at left shows Main Bracket #1 on the driver side in place but NOT touching any of the aforementioned pipes. The self tapping screws are ready to be carefully installed just underneath one of the pipes. (**Red arrow**).



Main Bracket #2 on the driver side is placed such that the short upright tab is drilled and bolted to the angled flange **(green arrow)**. The self tapping screws will then be installed in the backside of the rocker panel **(red arrow)**. Note the proximity of the A/C pipes to the brackets. There should be NO contact between the A/C pipes and any bracket components.

Next, loosely mount the Horizontal Brackets to the Main Brackets, and then bolt the running board to the horizontal brackets finger tight. Once you've done this, rotate the running board up into position and get it level and adjusted to the Sprinter's body. Inspect it from all angles, and tighten fully when satisfied.

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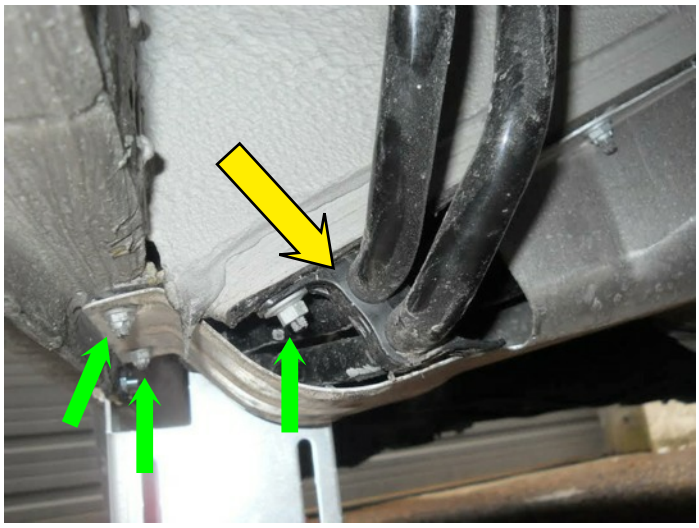
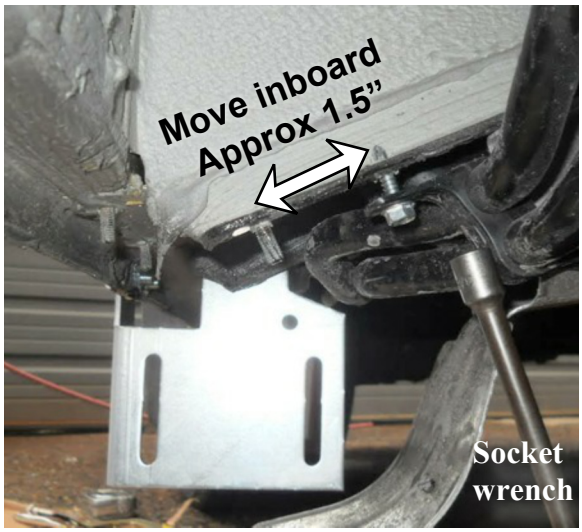
Supplemental instructions for 2014+ Sprinters with Rear Heat- A/C units

On some 2014+ Sprinters with rear heat & a/c systems, the rear bracket of the driver side running board may make undesirable contact with heater pipes at the above indicated location (**Red circles**). Two different views of the same bracket are shown above.





Remove the three 10mm nuts (**green arrows**), and gently bend the aluminum shield down. Pull down the plastic bracket (**yellow arrow**) which holds the heater pipes, and move it inboard about 1.5” and remount the plastic bracket with a self tapping screw as shown in the above right photo.

You should end up with a gap between the bracket and the heater pipes of about 1/4”

Gently bend the aluminum shield back into position and check all around the heater pipes to be sure that there is nothing rubbing on them. Reinstall the 10 mm nuts on the shield.

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