

WTA



Installation Guide

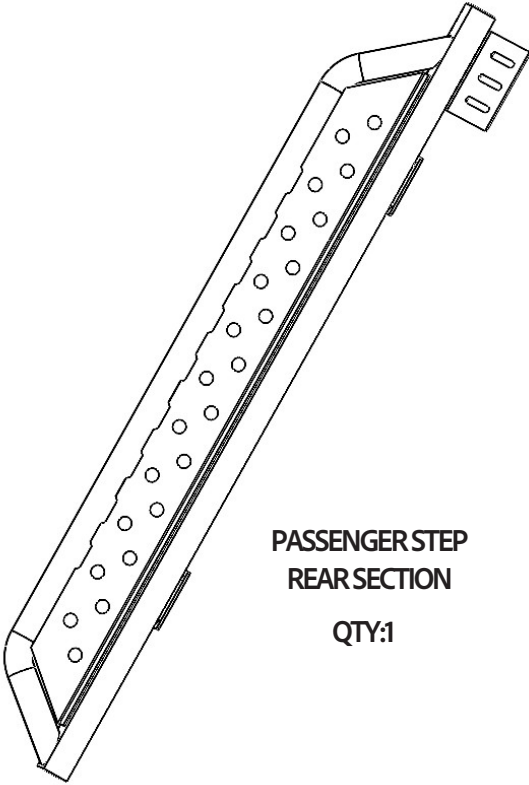
Sprinter 144 Side Steps

It is crucial to ensure that all WTA products are assembled and securely attached to your vehicle. Failure to do so may result in automobile accidents, posing a significant risk of bodily injury or even death to yourself and others. As the owner, it is your responsibility to properly assemble and secure WTA products, diligently inspecting the mounting points and attachments before use, and regularly checking for any signs of wear or damage.

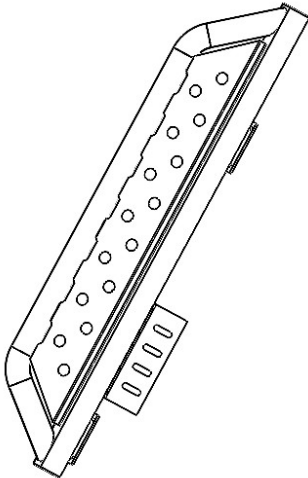
To guarantee optimal safety, we strongly advise engaging the services of a professional installer for the installation of any aftermarket accessories to your vehicle. If you lack mechanical experience or are unfamiliar with the installation procedures, it is imperative to have the product installed by a qualified professional or individuals who possess the necessary expertise. Remember, the responsibility lies with you, and it must be taken seriously to ensure the safety of all individuals involved.



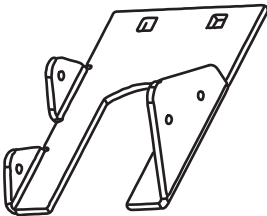
PACKAGE CONTENTS



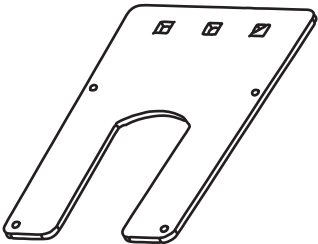
PASSENGER STEP
REAR SECTION
QTY:1



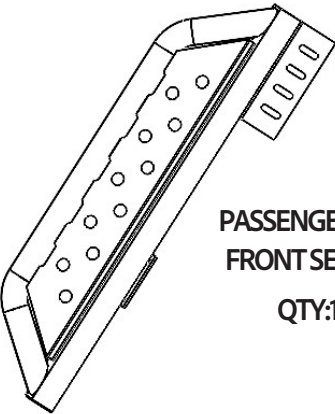
DRIVER STEP
QTY:1



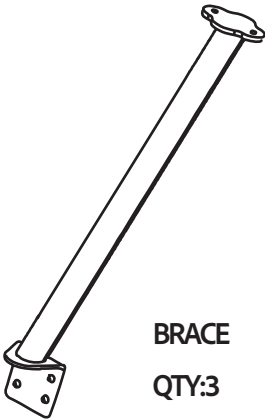
HANGER BRACKET
P1
QTY:1



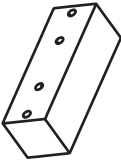
HANGER BRACKET
P2
QTY:2



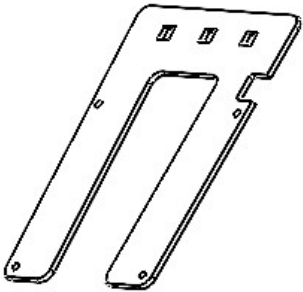
PASSENGER STEP
FRONT SECTION
QTY:1



BRACE
QTY:3



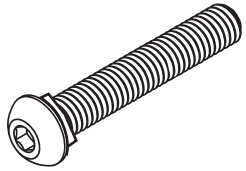
CONNECTING BLOCK
PASSENGER SIDE
QTY:1



MODIFIED
HANGER BRACKET
P2
QTY:1

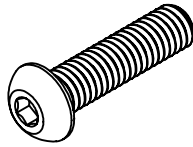
*for use with factory Rear
AC/Heater

HARDWARE



M12x30 CARRIAGE BOLT

QTY:8



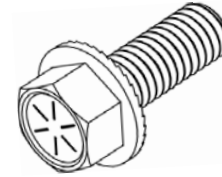
M8x20 BUTTON HEAD

QTY:4



**ST5.5x19 SELF
TAPING SCREW**

QTY:30



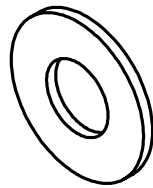
M6x25 HEX HEAD FLANGE BOLT

QTY:22



M12 LOCK NUT

QTY:8



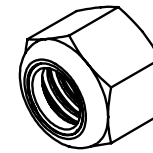
M8 FLAT WAHSER

QTY:4



M6 FLAT WASHER

QTY:44



M6 NULON LOCK NUT

QTY:22

INSTALL

STEP 01 PASSENGER STEP ASSEMBLY

1.1 Assemble Passenger side step:

Insert the connecting block into the tubing of front passenger side step. Align the first two holes of the block to the holes of the step. Attach using two M8 Button head screws and washers option to use Loctite. Slide the Rear Passenger side step onto the protruding block and attach using two more M8 Button head screws and washers as shown in figure 1.

Note: When installing there is an option to install in two different configurations, one is for standard front fenders with factory mudflaps and the other shifts the steps rearward slightly to accommodate vans with the Mondo Mud Guards and retains the use of the factory mudflaps.

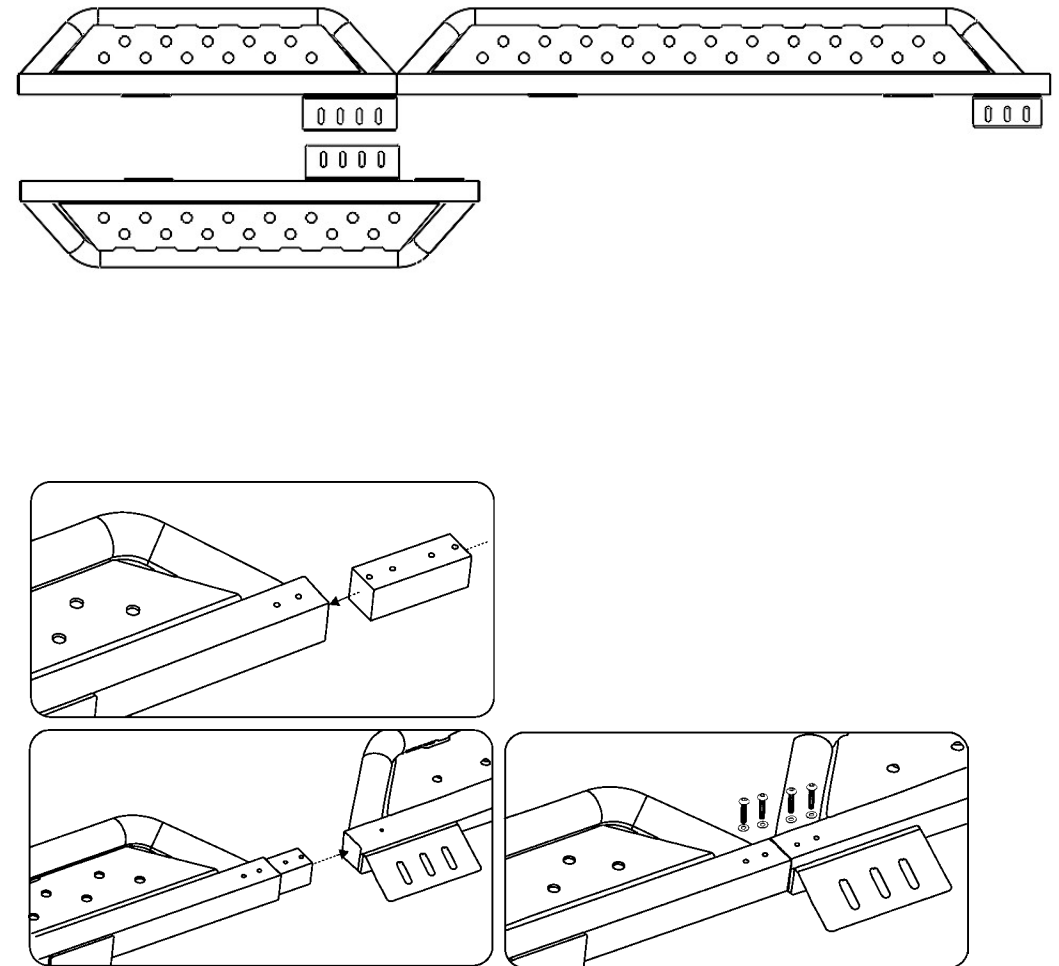


FIG 1

STEP2 INSTALL HANGER BARCKET P2 (passenger side)

2.1 Mark the Hanger Bracket Locations:

Use a marker to mark hole positions under your van. Lower your Hanger Bracket and proceed to drill out mounting holes

2.1 Assemble the Hanger Bracket:

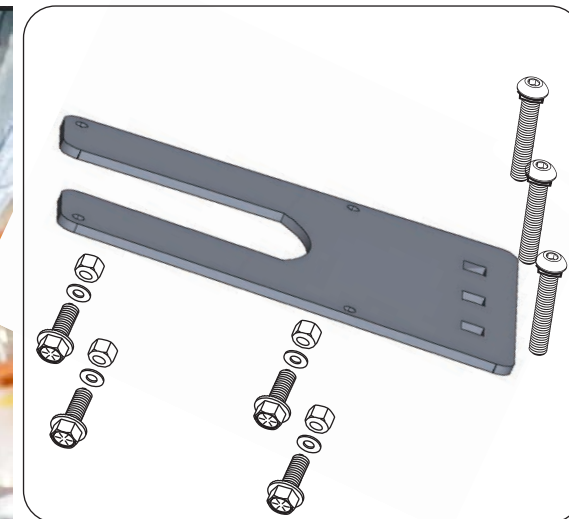
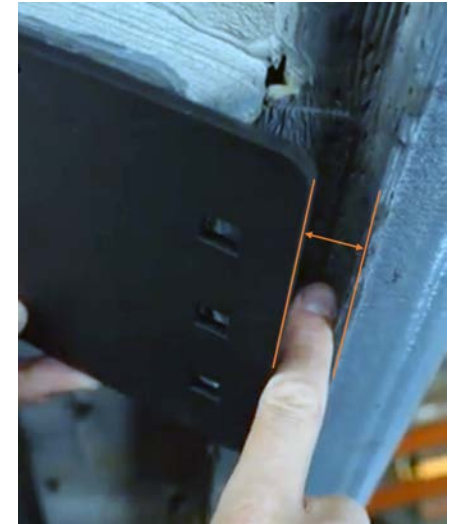
put the CARRIAGE BOLTS in the hanger first, use

4x M6x25 HEX HEAD FLANGE BOLT

8x M6 WASHERS

4x M6 NYLOCK NUTS

screws through the hanger bracket and the holes you drilled to secure the bracket to the van



STEP3 INSTALL HANGAR BARCKET P1

3.1 Cut The Coating :

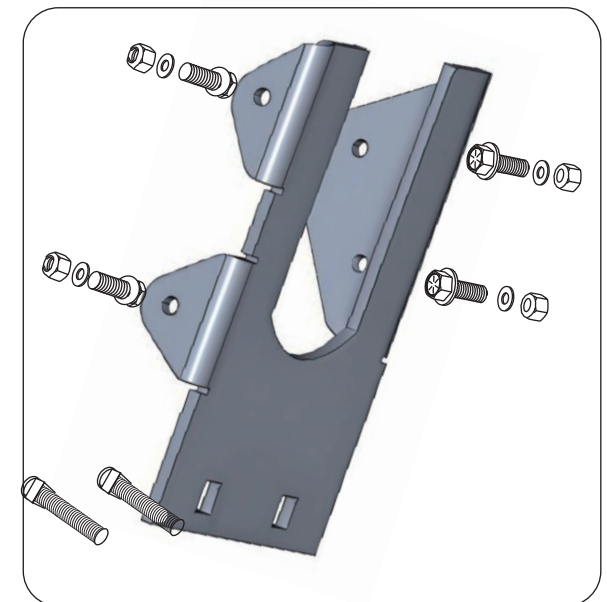
Use a knife to cut the excess under coating from the two triangular areas to allow the bracket to sit in as deep as possible

3.2 Mark the Hanger Bracket Hole Locations:

Use a marker to mark hole positions under your van. Remove the Hanger Bracket and proceed to drill out mounting holes

3.3 Assemble the Hanger Bracket:

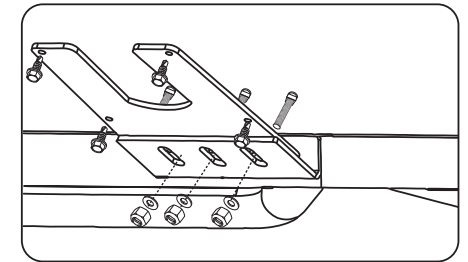
put the 2x CARRIAGE BOLTS on the bracket first, thread 4x M6x25 HEX HEAD FLANGE BOLT through the van and Hanger Bracket, lock with M6 Nylock nuts and M6 flat washers.



STEP4 INSTALL SIDE STEPS

4.1 Position Step Under Van:

Carefully lift up your Side Step Assembly with a floor jack or helper. Ensure the carriage bolts slide into the holes of the Hanger Bracket, (NOTE: there are two locations this can be mounted in a forward and a rearward position, the rearward position is only used to accommodate modified mudguards) hold in place with M12 nuts and flat washers. (finger tighten)



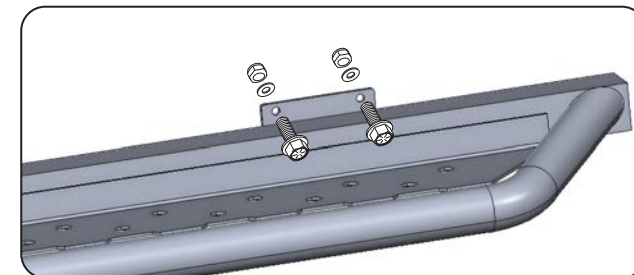
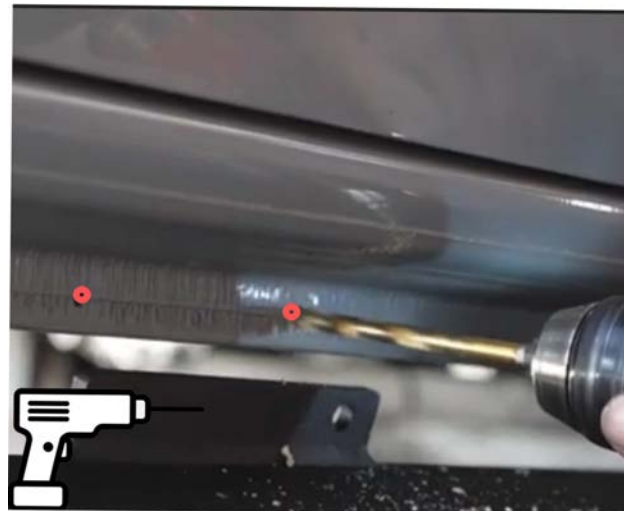
4.2 Mark the Side Step pinch weld hole locations:

Move to the outside of the van and mark the hole locations on the vans pinch weld/lower metal seam, (NOTE: you want these holes as high on the pinch weld as possible to give them the most purchase on the material) drill the associated holes with M6-M7 drill bit.



4.3 Final Side Step Alignment:

Check to make sure you are happy with the alignment of your Side STEP at this time. Finger tighten the Step with the M6x25 HEX HEAD FLANGE BOLTS, M6 WASHERS and M6 NYLOCK NUTS.



STEP5 INSTALL BRACE

5.1 Mark Brace Mounting Locations:

Use a marker to mark the hole positions on the van and Side Step. Lower your Brace.

5.2 Drill Mounting Holes:

Use a M4 drill bit to drill four holes on van and two holes on Side Step.

5.3 Assemble the brace:

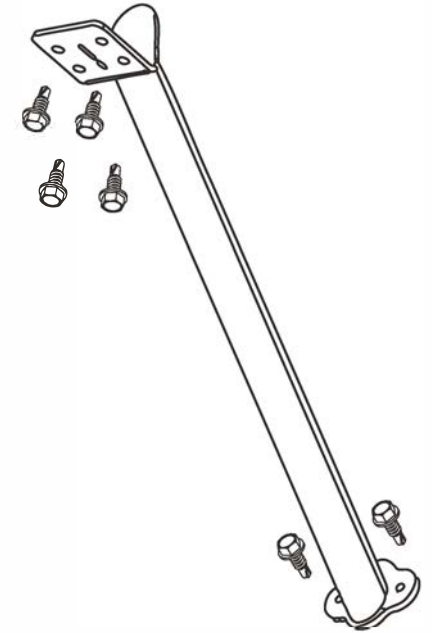
Drive 4x ST5.5x19 SELF TAPPING SCREWS through the brace to secure it to the van and 2x ST5.5x19 SELF TAPPING SCREWS on side step make sure all self tapping screws are tight.

5.4 Tighten All Fasteners:

Go back through and tighten all fasteners in this order:

1. M6 bolts and nuts on pinch weld
2. M12 carriage bolts

Note: the brace screws should already be tight



STEP6 INSTALL DRIVER SIDE STEP

6.1 Assemble the Hanger Bracket first:

you can refer to the step 2 on page 5, if you do not have a factory rear heater/air conditioning system. If you do have a Factory Rear AC found in most passenger vans you will need to use the modified bracket to accommodate the AC pipes that run along the edge of the van, remove the nut holding the heater lines, pull the lines down so you can fit the modified bracket and mark the holes to drill. Remove the bracket and drill the holes, replace the bracket slide the heater line back in place and tighten down the nut. Install the bracket hardware

4x M6x25 HEX HEAD FLANGE BOLT

8x M6 WASHERS

4x M6 NYLOCK NUTS

6.2 Install the Driver Side Step:

you can refer to the step 4 on page 7, mark and drill the holes on van, secure the Step with M6x25 HEX HEAD FLANGE BOLTS

M6 WASHERS

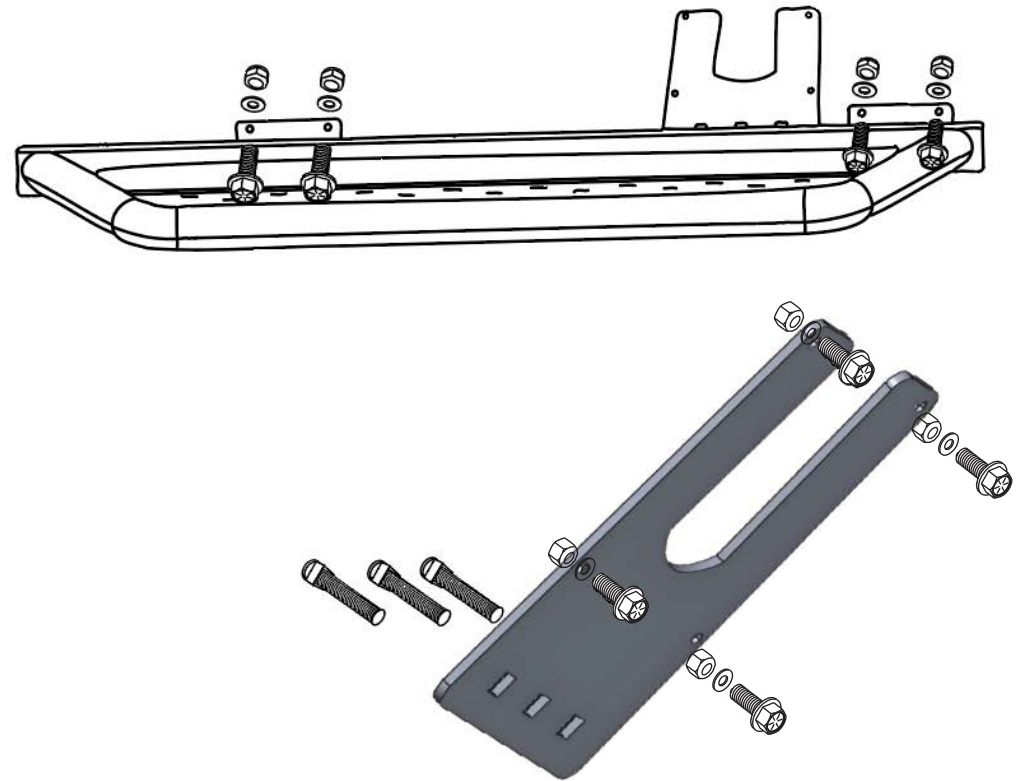
M6 NYLOCK NUTS.

6.3 Install the brace:

you can refer to the step 5 on page 8

Note: If you have a factory AC you will not have room to install the brace.

6.4 Tighten All Fasteners



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thanks!