

## Instruction Guide:

- Sprinter -  
Side Steps

# Checklist



- + REVIEW PACKING SLIP TO ENSURE YOU'VE RECEIVED ALL COMPONENTS**
- + PREPARE ALL TOOLS NECESSARY FOR PRODUCT INSTALLATION**
- + PRE-MEASURE DISTANCES OF ALL PRODUCT MOUNTING LOCATIONS**
- + CONFIRM CLEARANCES FOR OTHER INSTALLED BUILD COMPONENTS**
- + FOLLOW ALL SAFETY PRECAUTIONS WHEN WORKING ON THE VEHICLE**

# Packing Slip



## Components List

VNSPD-005-(SUBASSEMBLY#)

### Side Step (Driver)

VNSPD-005-SA1

Quantity : x1



### Flat Backing Plate

VNSPD-005-SA5

Quantity : x4



### Side Step (Passenger)

VNSPD-005-SA2

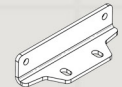
Quantity : x1



### Angled Backing Plate

VNSPD-005-SA6

Quantity : x4



### Curved Tube Support

VNSPD-005-SA3

Quantity : x1



### Straight Tube Support

VNSPD-005-SA4

Quantity : x2



# Packing Slip

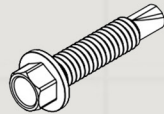


## Hardware Kit

VNSPD-005-HK

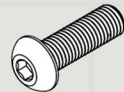
### Hex Head Drilling Screws

Quantity : x12



### Button Head Bolts

Quantity : x27



### Steel Flat Washers

Quantity : x11



### Serrated Flange Nuts

Quantity : x27



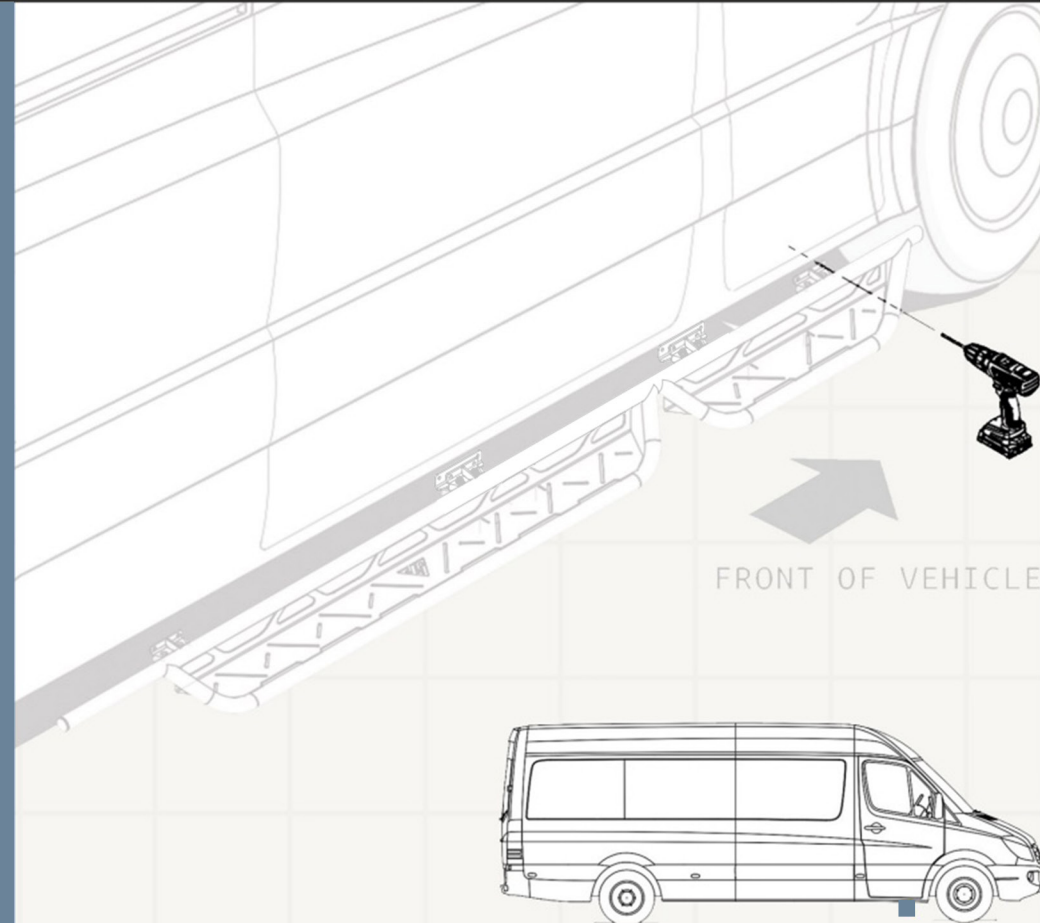
# Step 01



## Drill the leading bolt hole along the vehicle's lower pinch seam

Pre-measure, mark off, and drill a 5/16" hole on the outward face of the vehicle's pinch seam towards the front of the chassis (approximately 9" behind the lower bolt for the front wheel arch rocker trim).

Note\* Refer to measurements made during the installation prep before making final alterations to the vehicle.



Hardware:

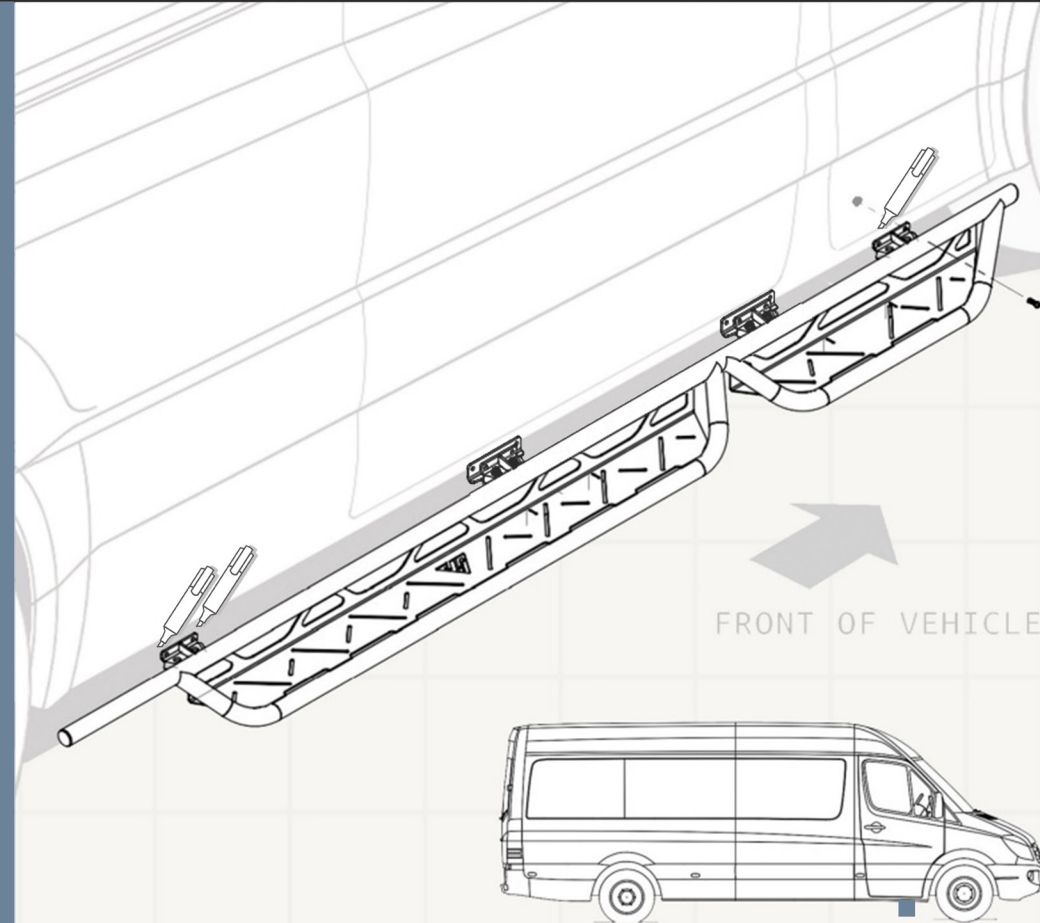


# Step 02

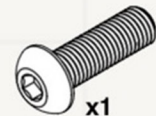


## Use Side Step as a guide to measure and mark the other pinch seam holes

From the outside facing in, use (x1) of the button head bolts w/ (x1) serrated flange nut to temporarily hold the step into place against the pinch seam. Once secure, use the remaining upright side step bolt holes as a guide to make (x3) markings along the outside face of the pinch seam which will be used as reference in the following step for drilling.



### Hardware:

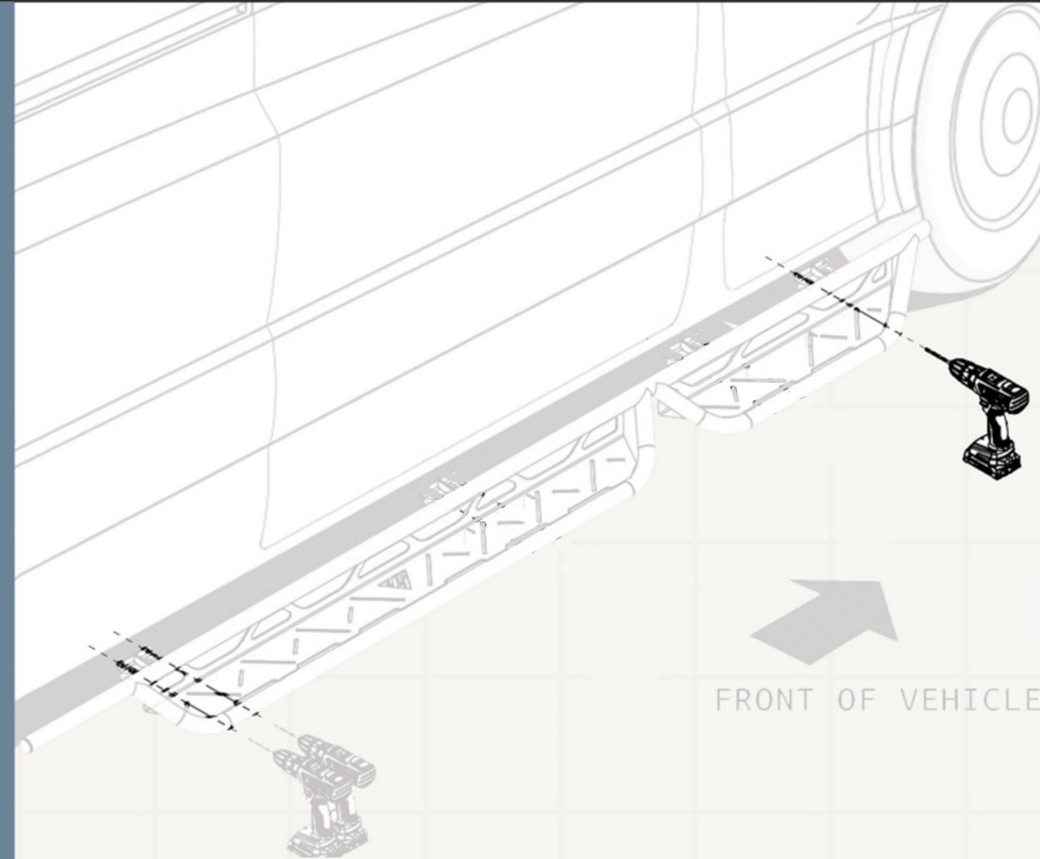


# Step 03



## Use markings to drill the outer pinch seam bolt holes

After placing the markings for the outer bolt holes, unthread and remove the side step from the vehicle's pinch seam. Once removed, use the markings from the previous step to drill the (x3) bolt holes along the outer face of the vehicle's pinch seam.



Hardware:



x3 HOLES



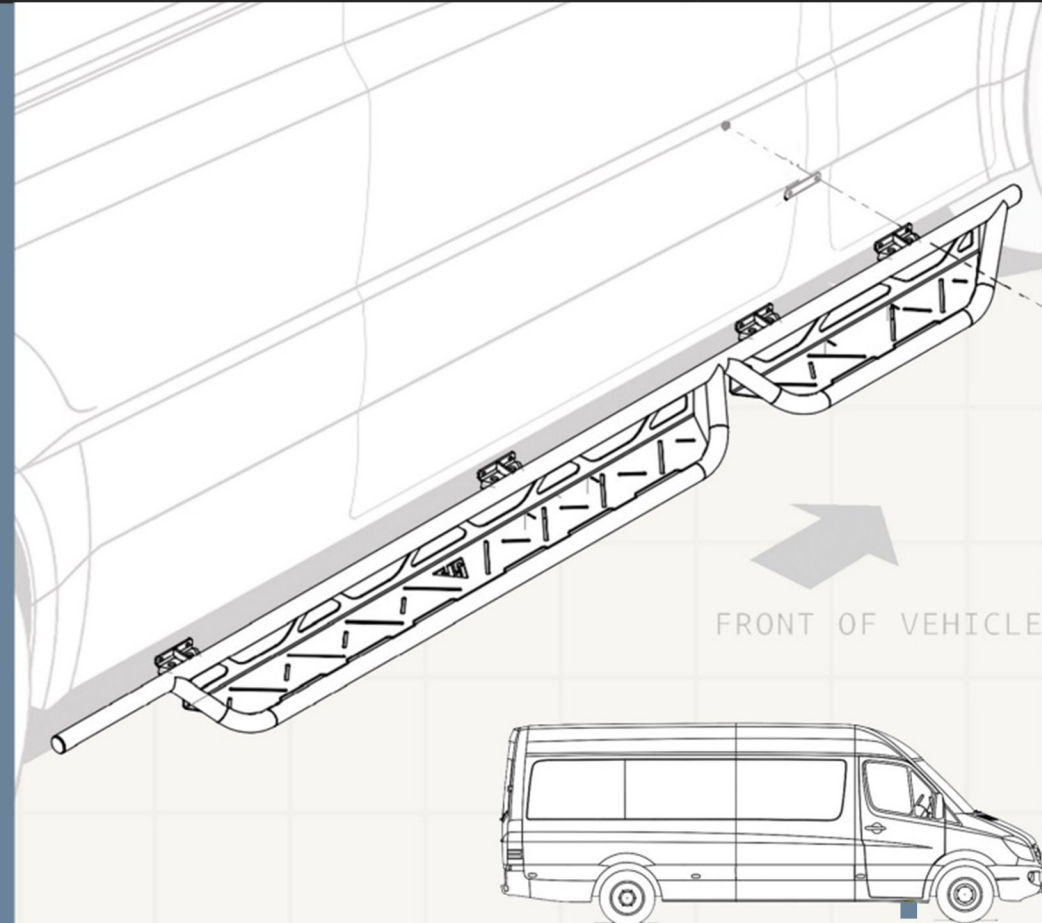
# Step 04



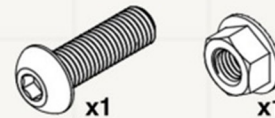
## Thread the Side Step & flat backing plate through the front bolt hole

From the outside facing in, use (x1) of the button head bolts w/ (x1) serrated flange nut to sandwich the vehicle's pinch seam between the Side Step & flat backing plate.

Note\* For now, leave hardware loosely hand-threaded until all four backing plates are threaded into place



Hardware:





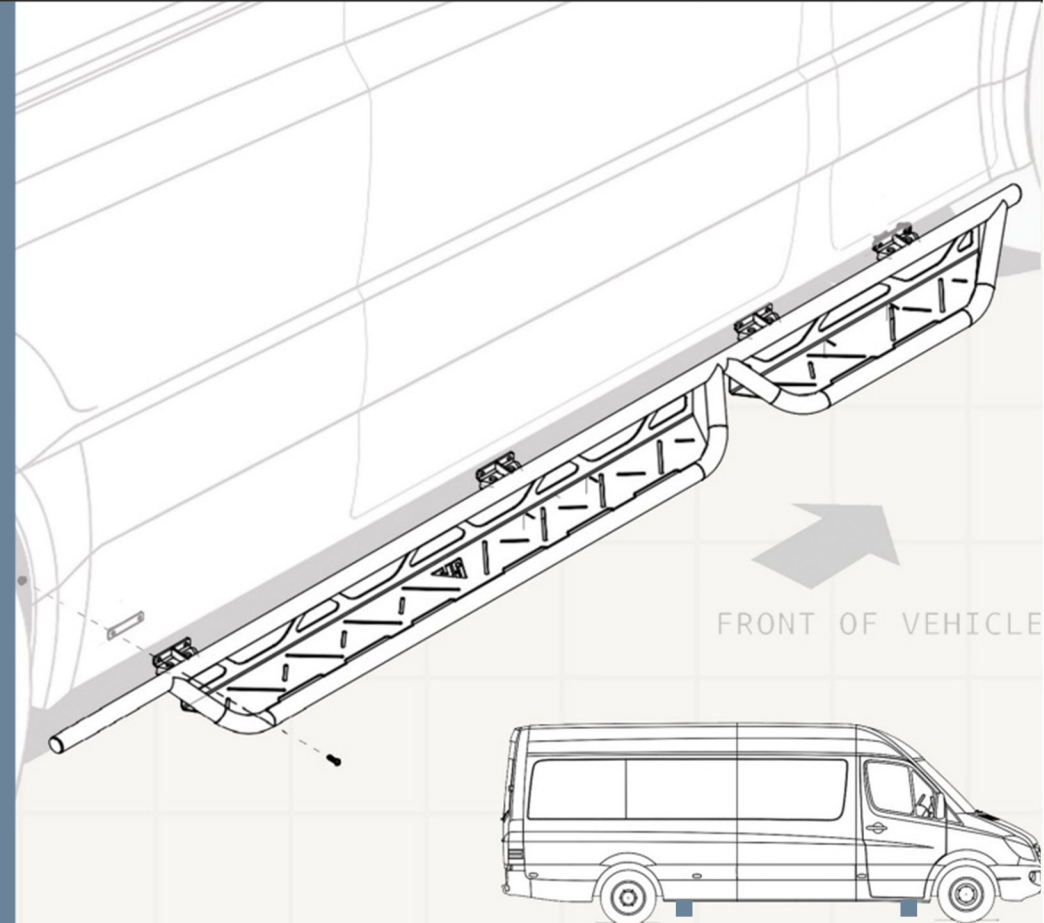
# Step 05



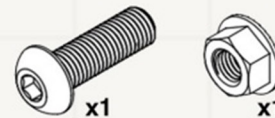
## Thread the Side Step & flat backing plate through the rear bolt hole

From the outside facing in, use (x1) of the button head bolts w/ (x1) serrated flange nut to sandwich the vehicle's pinch seam between the Side Step & flat backing plate.

Note\* For now, leave hardware loosely hand-threaded until all four backing plates are threaded into place



Hardware:



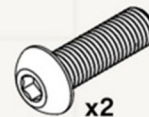
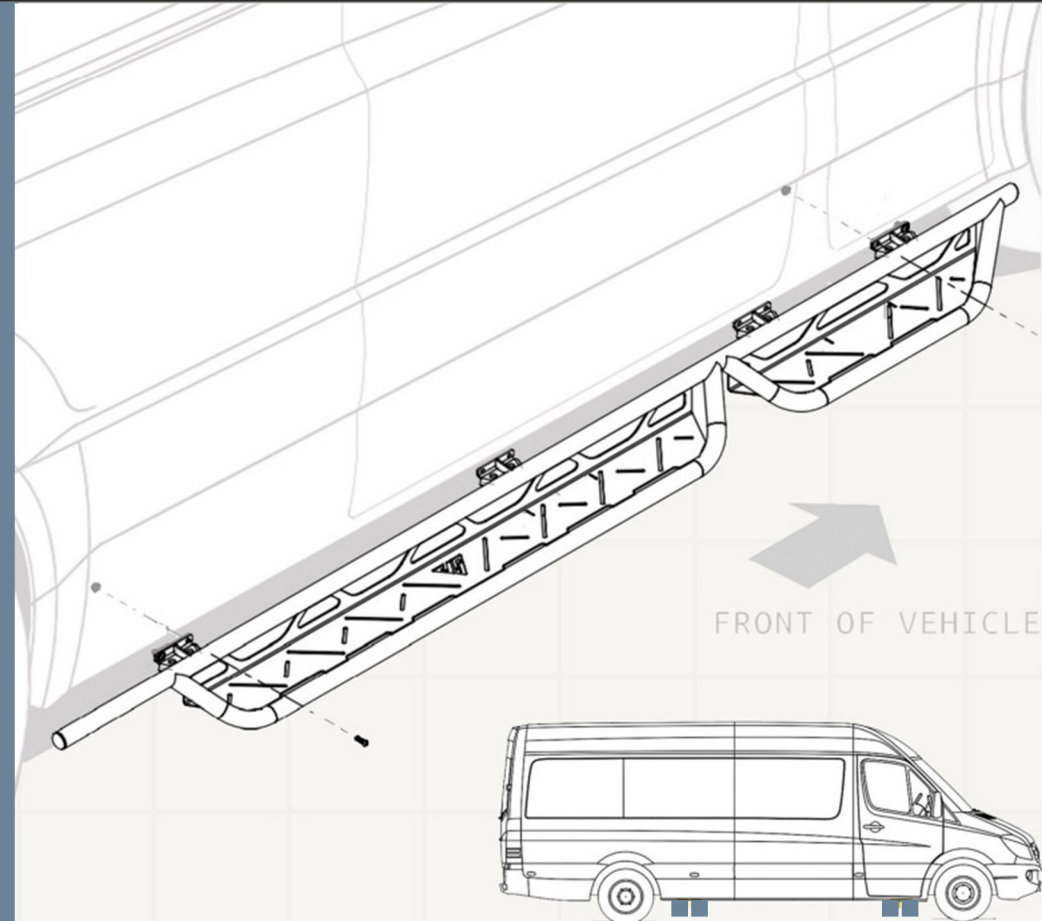
# Step 06



## Thread the remaining two bolts through the front & rear flat backing plates

From the outside facing in, use (x2) of the button head bolts w/ (x2) serrated flange nuts to secure the vehicle's pinch seam between the Side Step & flat backing plates.

Note\* For now, leave hardware loosely hand-threaded until all four backing plates are threaded into place



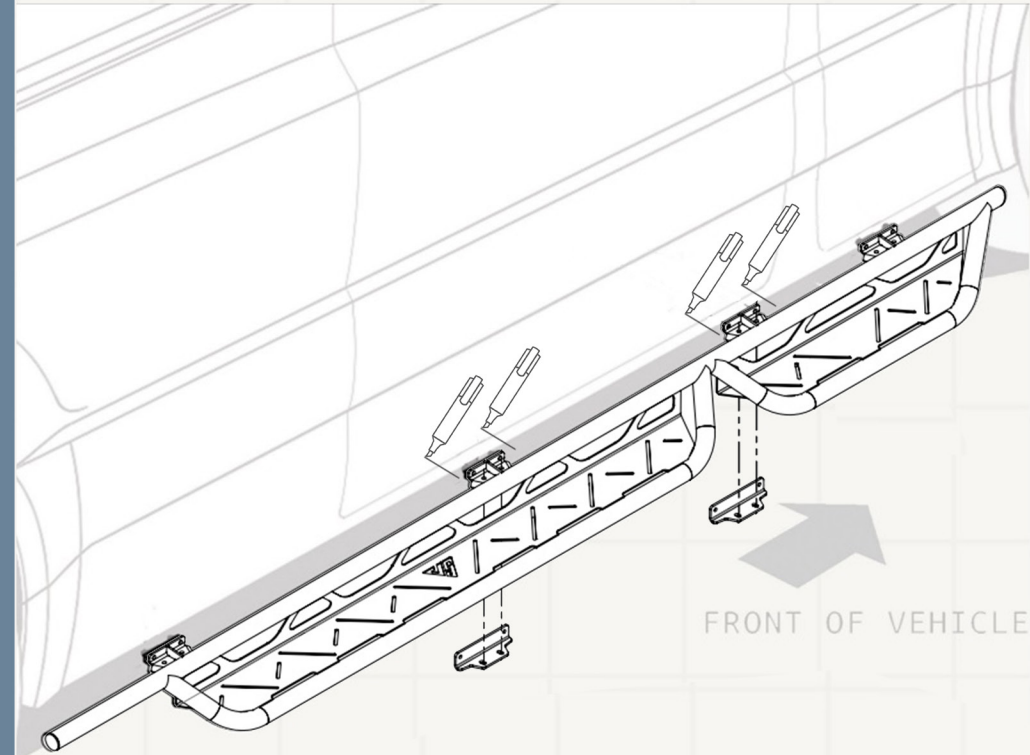
# Step 07



## Use angled backing plate as a bolt hole marking guide on inner pinch seam

From the bottom facing up, line up two angled backing plates into place along the channeled slots on the inner mounting points along the side step. Once in place, from behind the pinch seam, indicate (x4) markings for drilling using the outermost holes on the angled backing plates as reference.

Note\* Make your markings one angle backing plate at a time for ease of alignment



### Hardware:



x4  
MARKS

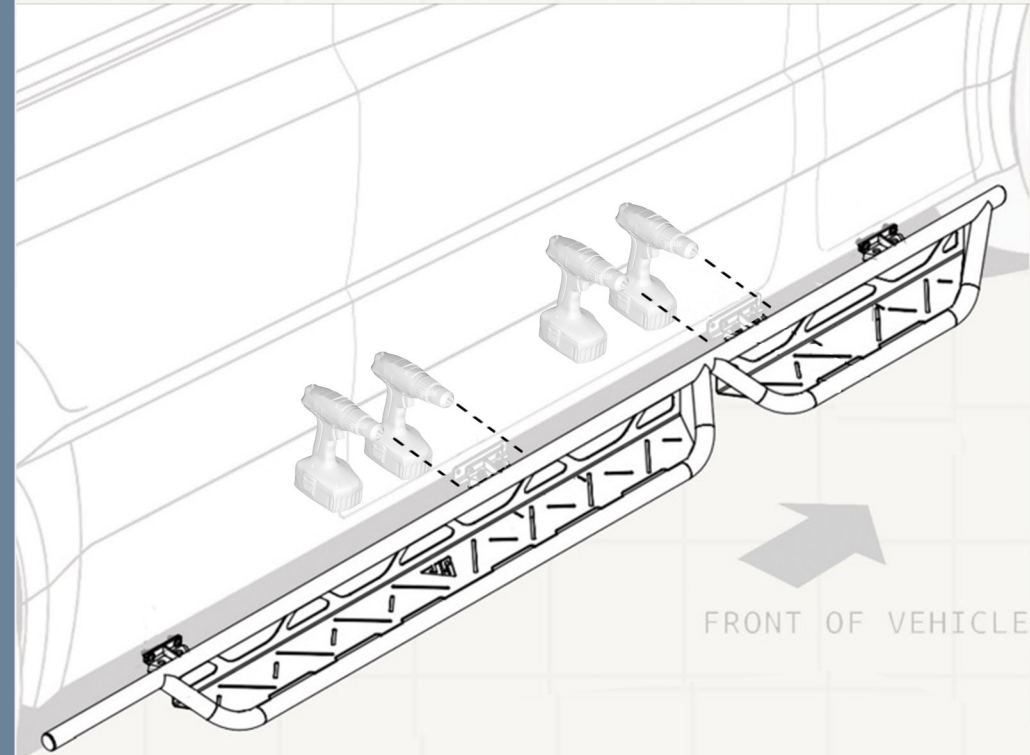


# Step 08



## Drill the remaining pinch seam bolt holes using the inner markings

After setting aside the angled backing plates for this portion of the installation, from behind the pinch seam, use the (x4) markings that you made in the previous step to drill the remaining pinch seam bolt holes.



Hardware:



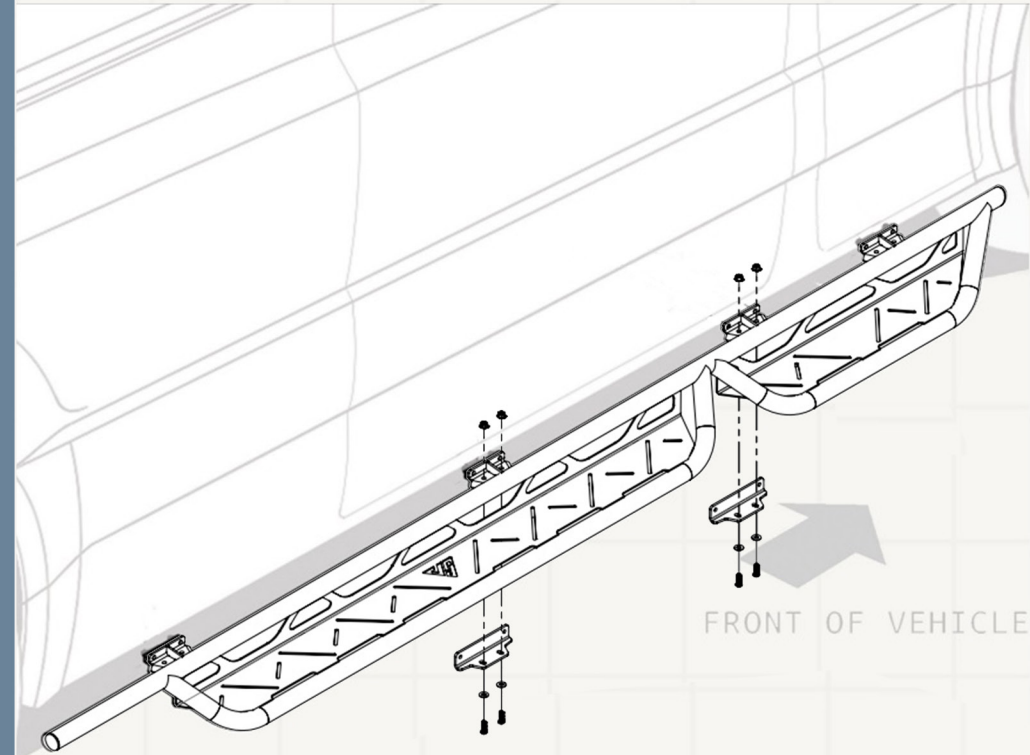
# Step 09



## Attach angled backing plates to both inner mounting brackets

From the bottom facing up, on each of the angled backing plates, use (x2) of the button head hex bolts w/ (x2) flat washers to attach the angled backing plates to the bottom face of either inner side step mounting bracket by threading the bolts through (x2) serrated flange nuts.

Note\* Do NOT tighten bolts all the way down. Leave a bit of play so that the angled brackets can easily locate themselves to the inside of the vehicle's pinch seam in the following steps



### Hardware:



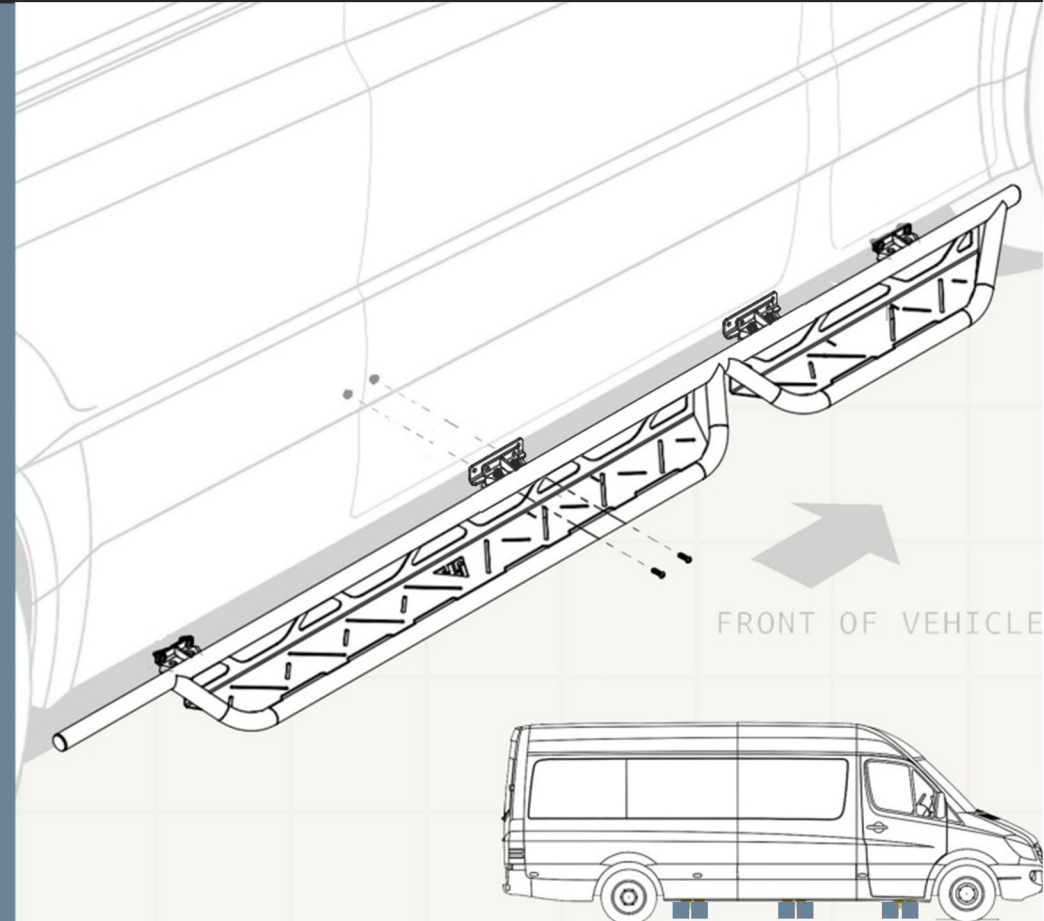
# Step 10



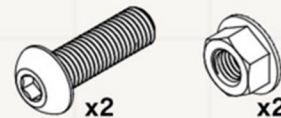
## Thread the rear angled backing plate behind the vehicle's pinch seam

From the outside facing in, use (x2) of the button head bolts w/ (x2) serrated flange nuts to secure the vehicle's pinch seam between the Side Step & angled backing plate.

Note\* For now, leave hardware loosely hand-threaded until all four backing plates are threaded into place



Hardware:



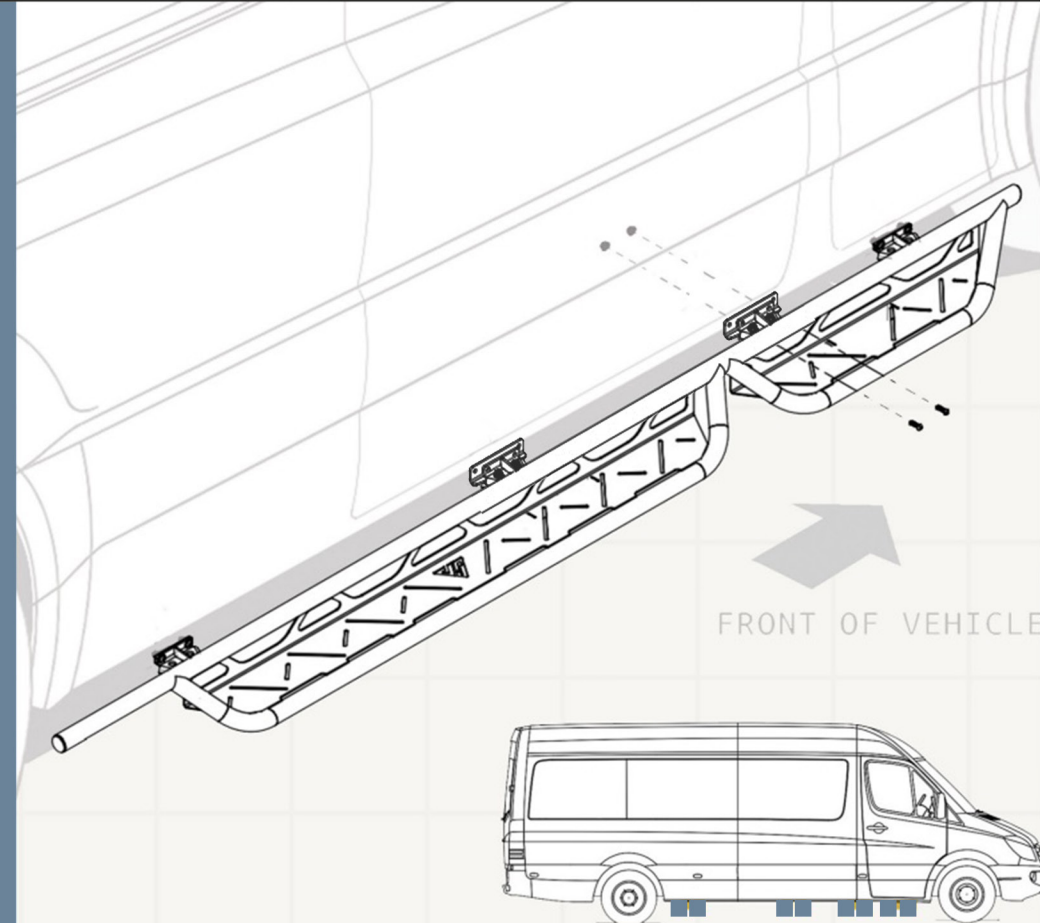
# Step 11



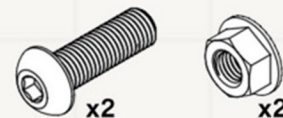
## Thread the front angled backing plate behind the vehicle's pinch seam

From the outside facing in, use (x2) of the button head bolts w/ (x2) serrated flange nuts to secure the vehicle's pinch seam between the Side Step & angled backing plate.

Note\* For now, leave hardware loosely hand-threaded



Hardware:

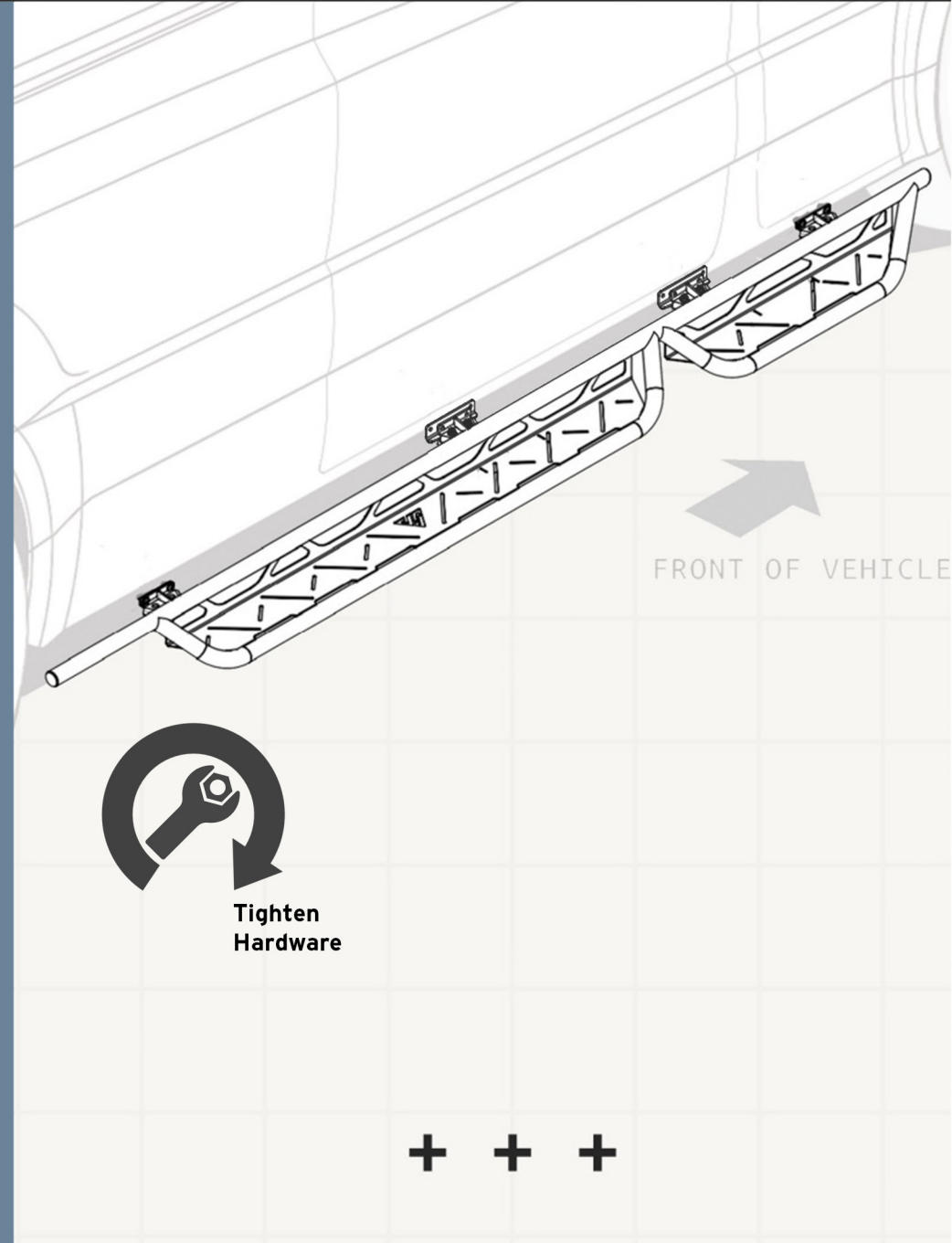


# Step 12



## Tighten down all hand-threaded hardware from Steps 04-11

Now that the Side Step is fully secure in place along the pinch seam, go through and fasten all of the loosely hand-threaded hardware from the previous steps.



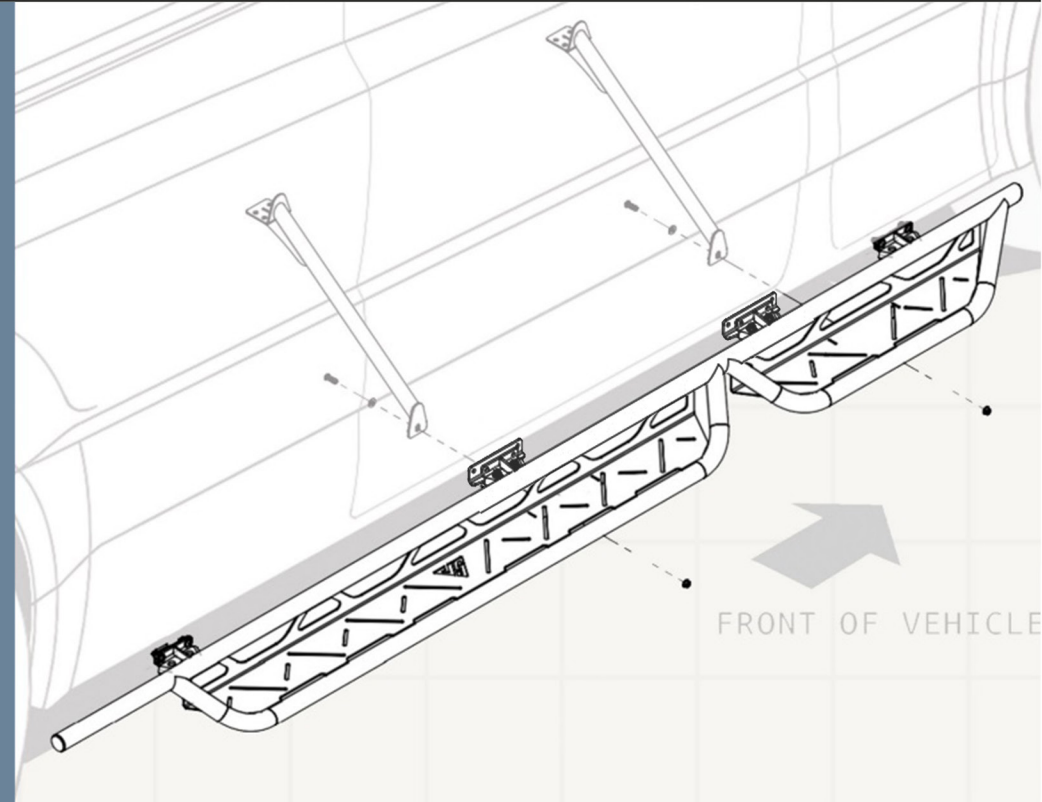


# Step 13



## Mount Straight Tube Gussets to Side Step's lower mounting point

Now that the Side Step has been properly fastened to the pinch seam, from the inside facing out, thread (x1) button head bolt w/ (x1) steel flat washer through each Tube Gusset into (x1) serrated flange nut.



Hardware:

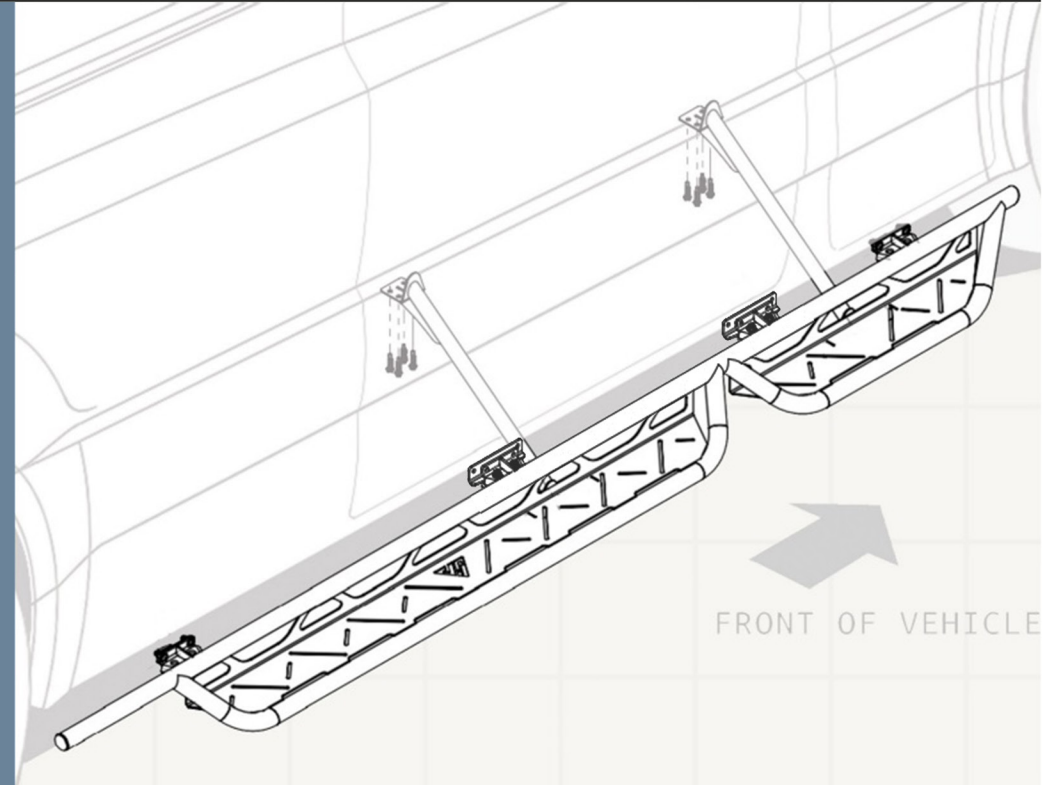


# Step 14

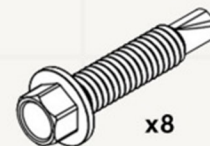


## Secure the Straight Tube Gussets to the vehicle's undercarriage

From the bottom facing up, use (x4) Hex Head Drilling Screws through the upper mount seat of each tube gusset going into the body of the vehicle to help reinforce the Side Step assembly.



Hardware:

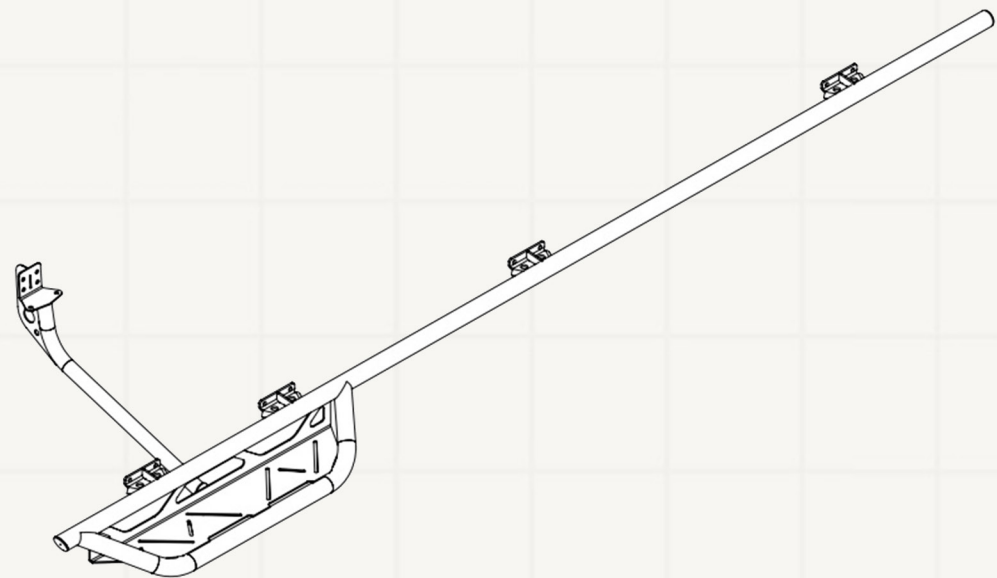


# Step 15



## Mirror Steps 01-14 on the opposite side of the vehicle

Using the remaining components included within the kit, mirror the process of Steps 01-14 to complete the Side Step assembly for the opposite side of the vehicle.



You've Reached the Finish Line

