INSTALLATION GUIDE

3068-DH STRAIGHT PARTITION

Sprinter (Sliding Door, Aluminum)

RANGER DESIGN

QUICK START GUIDE

Phase 1 - Assembly

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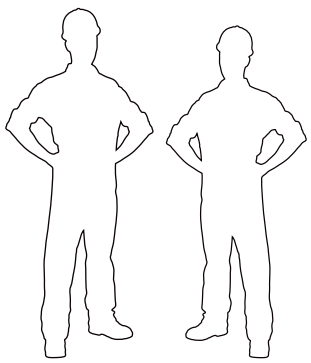
REQUIRED ITEMS



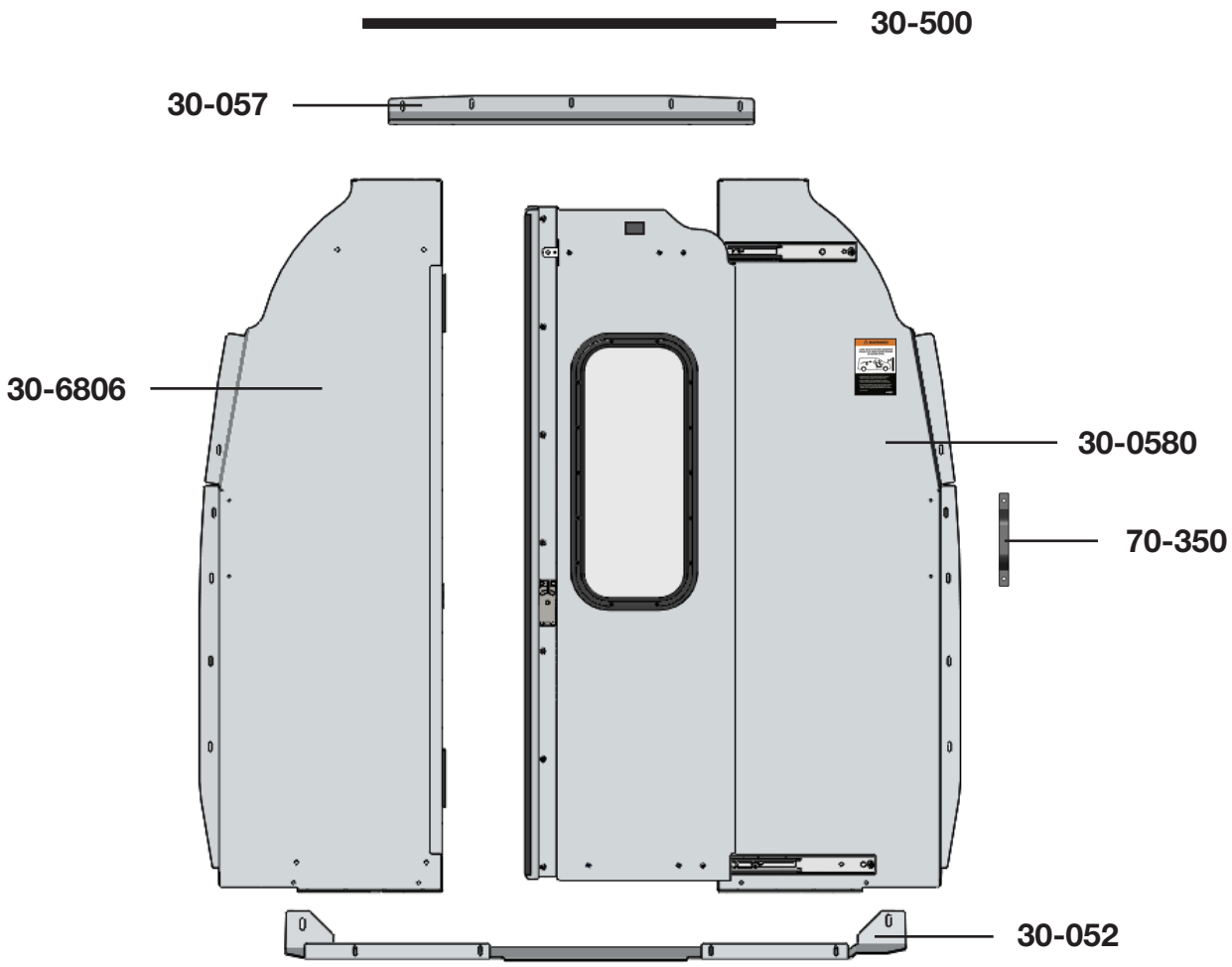
2
PERSONS

- ❑ Cordless Impact
- ❑ Cordless Drill
- ❑ Cutter
- ❑ Mallet
- ❑ Plusnut Tool
- ❑ Tape Measure
- ❑ T40 Torque Bit
- ❑ 3/8" Drill Bit
- ❑ 7/16" Socket
- ❑ 1/2" Socket
- ❑ 9/16" Wrench
- ❑ 3/16" Driver Bit

PHASE 1 – ASSEMBLY

1.1 SETUP

1.1.1 Unpack components; compare with the bill of materials.



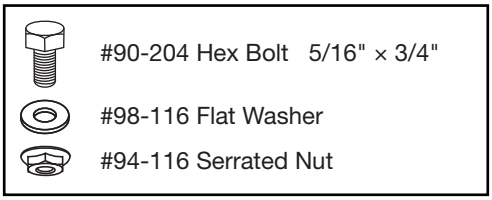
1.1.2 Verify all parts are present.

Item No.	Description	Qty.
30-052	Floor Bracket	1
30-057	Top Bracket	1
30-500	Edge Trim (QTY in Inches)	47
70-350	Grab Handle	1
79-932	Warning Label (Bilingual)	1
30-0580	Passenger Side Panel w/ Sliding Door	1
30-6806	Driver Side Panel	1
94-3035	Assembly Fastener Bag	1
94-6093	Assembly Fastener Bag	1
96-3023	Installation Fastener Bag	1

1.1.3 Identify the **Assembly** and **Installation** fastener bags.

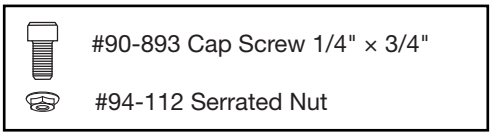
94-3035 Fastener Bag → **Hardware Assembly**

8×



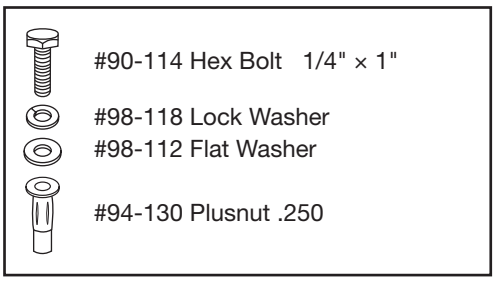
94-6093 Fastener Bag → **Hardware Assembly**

2×

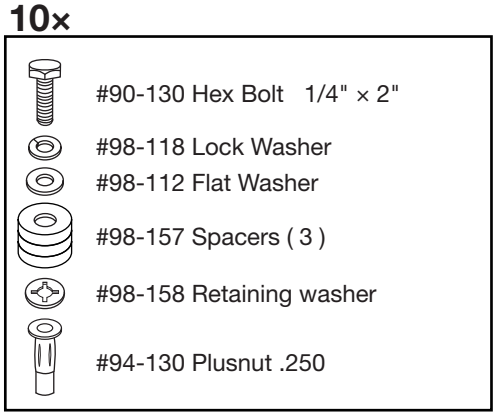


96-3023 Fastener Bag → **Hardware Assembly**

5×



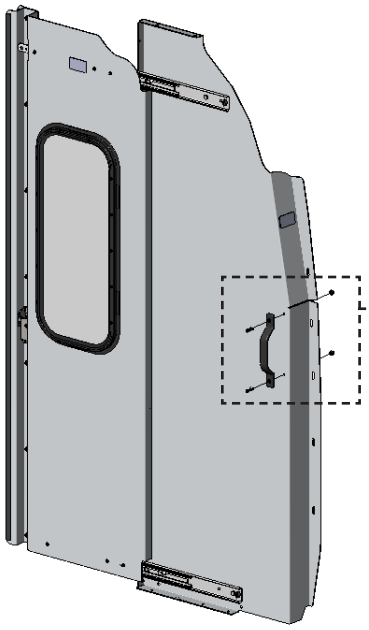
10×

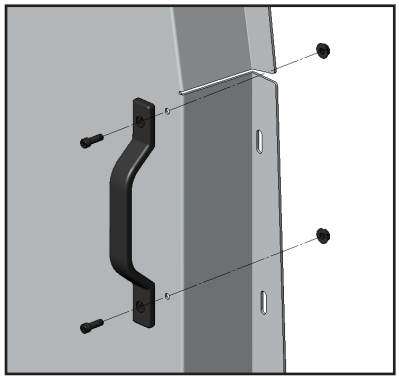


PHASE 1 – ASSEMBLY

1.2 PARTITION ASSEMBLY

1.2.1 Remove all the PVC from all the parts, then attach the grab handle on the passenger side panel.





TOOLS

- ❑ Cordless Impact
- ❑ 3/16" Driver Bit

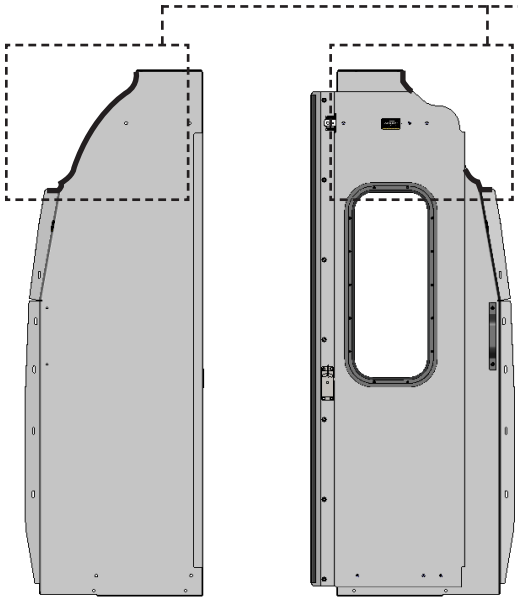
HARDWARE USED

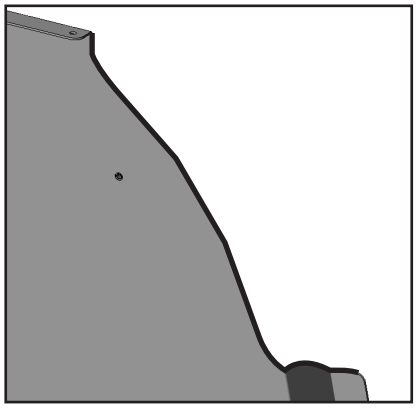
2×

#90-893 Cap Screw 1/4" × 3/4"

#94-112 Serrated Nut

1.2.2 Remove all the PVC from all the parts, then attach the edge trims on these locations.





TOOLS

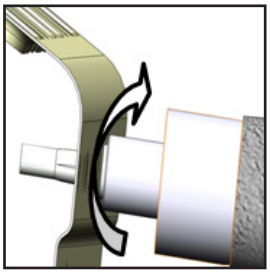
- ❑ Mallet
- ❑ Cutter

PHASE 2 – INSTALLATION

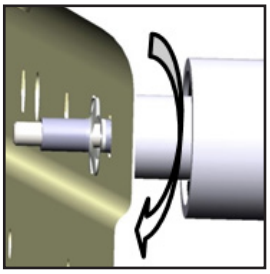
2.1 TIPS ON HOW TO ATTACH A PLUSNUT

2.1.1 Attach the plusnut using the plusnut gun.

TIPS: Put the plusnut on the plusnut gun, then attach the plusnut in the hole by turning the gun forward until the plusnut locks, then remove the gun by turning in reverse.



FORWARD

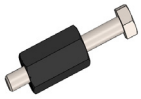


REVERSE

2.1.2 Attach the plusnut using the 6490 plusnut tool.

NOTE: The hardware used for the 6490 plusnut tool is not included in the fastener bag. The 6490 plusnut tool can be ordered separately upon demand at no charge.

6490



HARDWARE USED

Flat washer 1/4"

Flat washer 1/4" BS × 3/4" OD

TOOLS

- ❑ Cordless Impact
- ❑ 7/16" Socket
- ❑ 9/16" Wrench

TIPS STEP 1:
Assemble the 6490 plusnut tool with the hardware needed, plusnut and the 9/16" wrench as shown.

TIPS STEP 2:
Attach the plusnut in the hole by turning the bolt forward using an impact with a 7/16" socket until the plusnut locks, then remove the bolt by turning the impact in reverse.

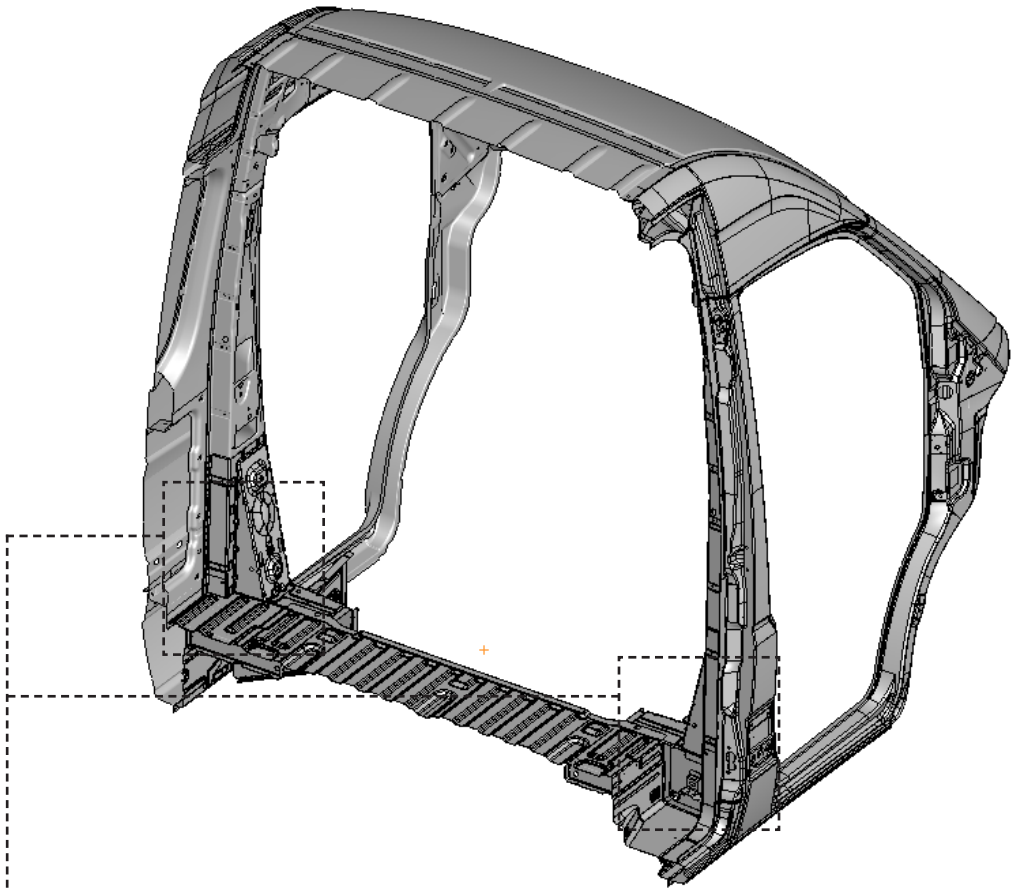
FORWARD

REVERSE

PHASE 2 – INSTALLATION

2.2 VEHICLE PREPARATION

2.2.1 Floor preparation.



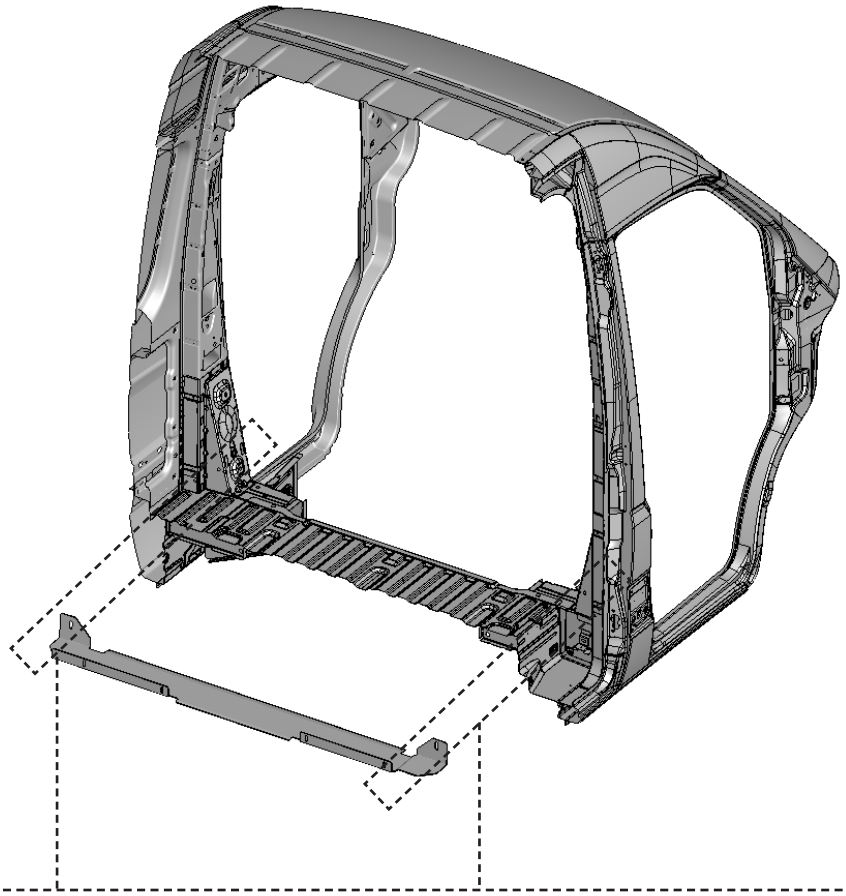
Remove the two D-rings in the pillars, for re-use.

TOOLS

- ❑ Cordless Impact
- ❑ T40 Torque Bit

PHASE 2 – INSTALLATION
2.3 STRAIGHT PARTITION INSTALLATION

2.3.1 Floor bracket installation.



Attach the floor bracket to the floor re-using the 2 D-ring bolts.

TOOLS

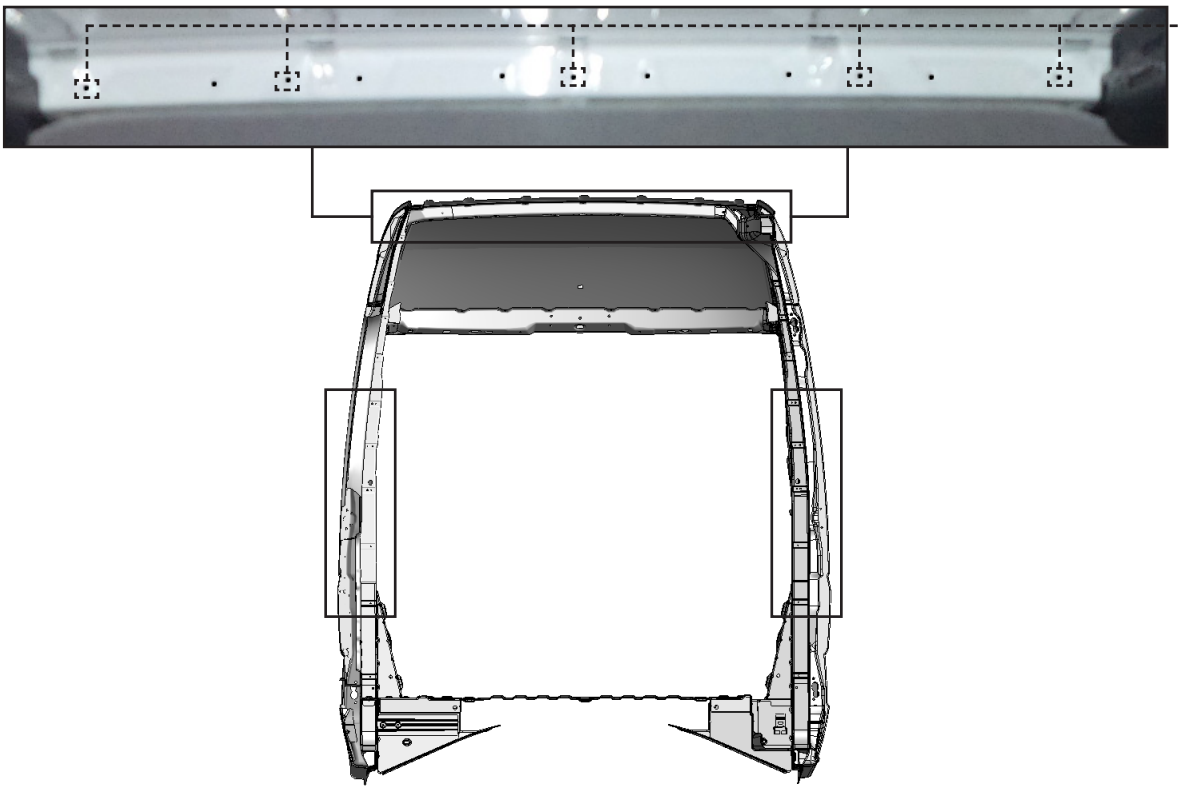
- ❑ Cordless Impact
- ❑ T40 Torque Bit

HARDWARE USED

2×

Use the D-ring bolt

2.3.2 Attaching plusnuts.



Put the assembled partition in place, then mark all the holes through the van.

NOTE:
- For the B-pilar plastic cover and wood floor use 1" hole saw to drill a hole in the B-pilar plastic cover or wood floor, then drill 3/8" hole in the van.
- Enlarge all the holes in the van that align with the holes of the partiton using 3/8” drill bit or step drill.

TOOLS

❑ Cordless Drill ❑ 3/8” Drill Bit or Step Drill ❑ 1" Hole Saw

Attach plusnuts in the 15 holes.

TOOLS

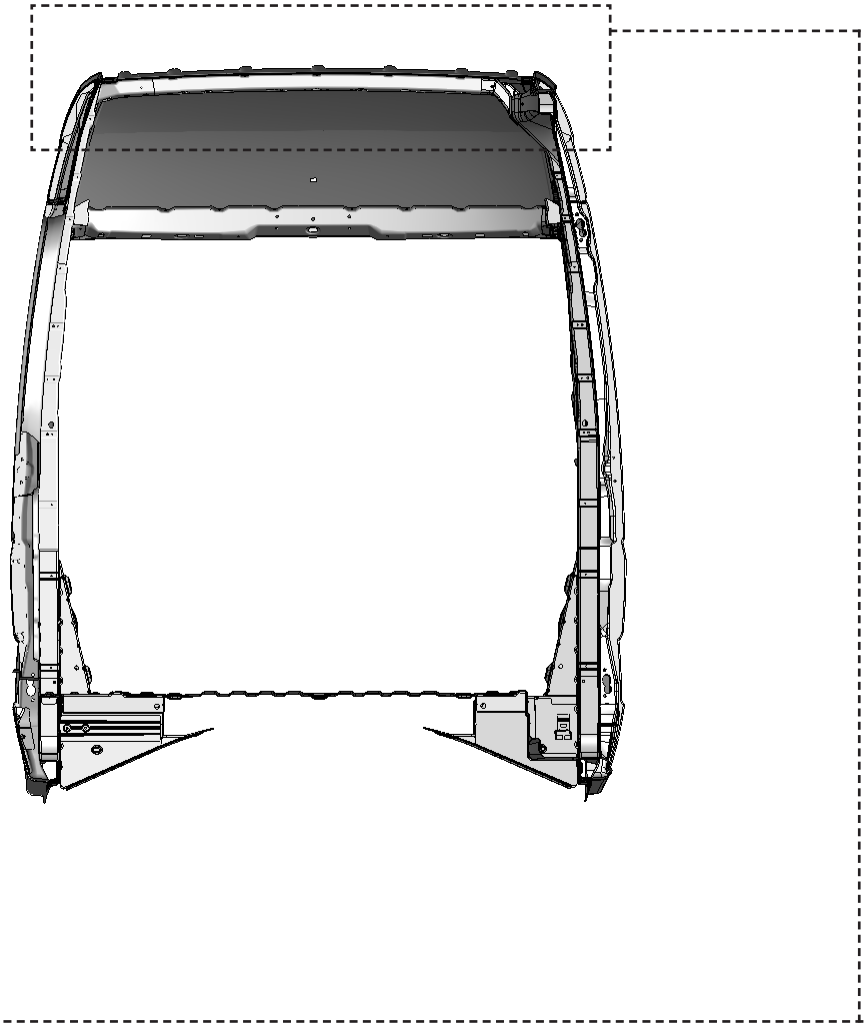
❑ Plusnut Tool

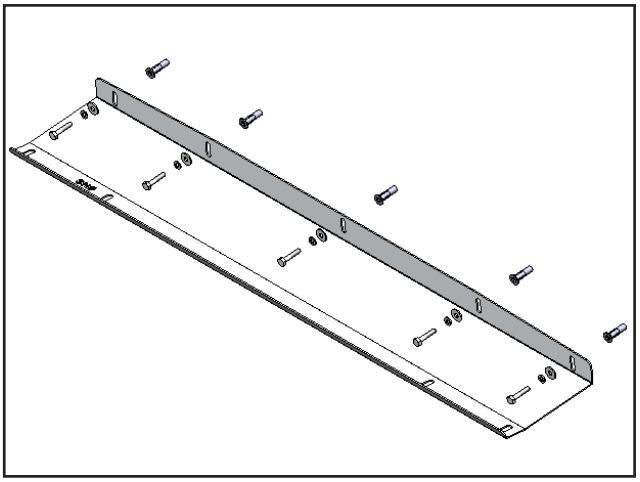
HARDWARE USED

15×

94-130
Plusnut .250

2.3.3 Attach top bracket to the van.





TOOLS

- ❑ Cordless Impact
- ❑ 7/16" Socket

HARDWARE USED

5×

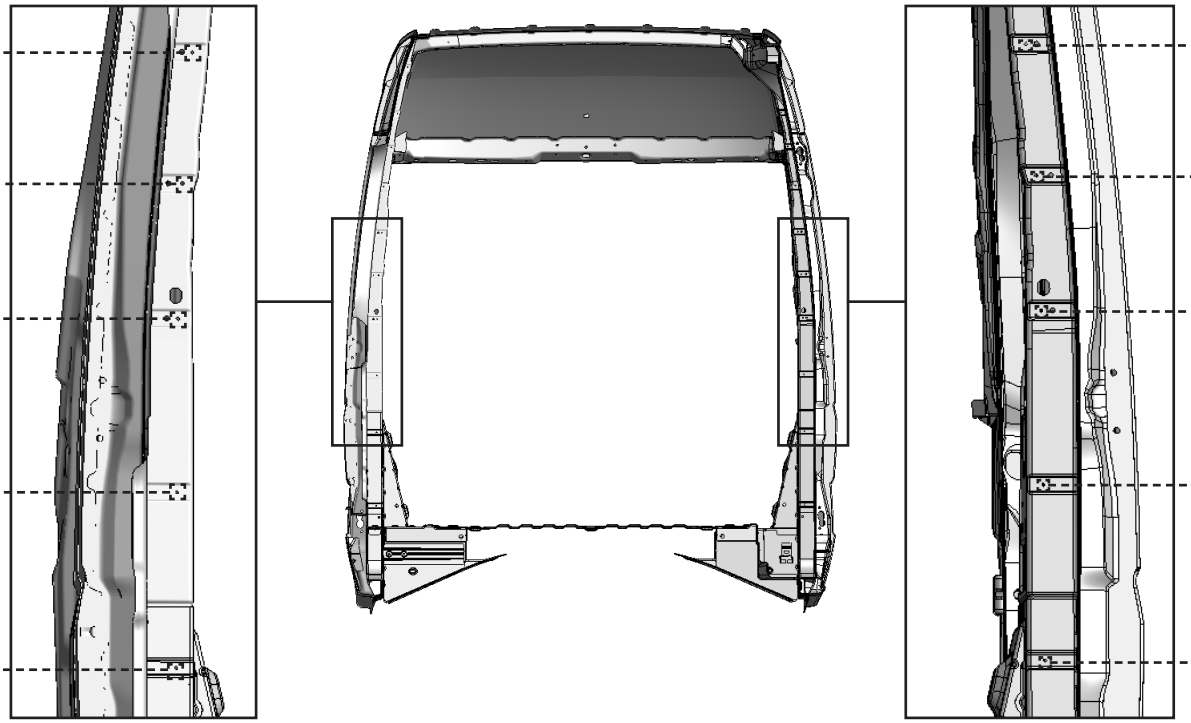
#90-114 Hex Bolt 1/4" × 1"

#98-118 Lock Washer

#98-112 Flat Washer

2.3.4 Attaching plusnuts.

NOTE: Put the partition in place and check if the holes of the partition align with the holes of the van.



Put the assembled partition in place, then mark all the holes through the van.

NOTE:
- For the B-pilar plastic cover and wood floor use 1" hole saw to drill a hole in the B-pilar plastic cover or wood floor, then drill 3/8" hole in the van.
- Enlarge all the holes in the van that align with the holes of the partiton using 3/8” drill bit or step drill.

TOOLS

❑ Cordless Drill ❑ 3/8” Drill Bit or Step Drill ❑ 1" Hole Saw

Attach plusnuts in the 15 holes.

TOOLS

❑ Plusnut Tool

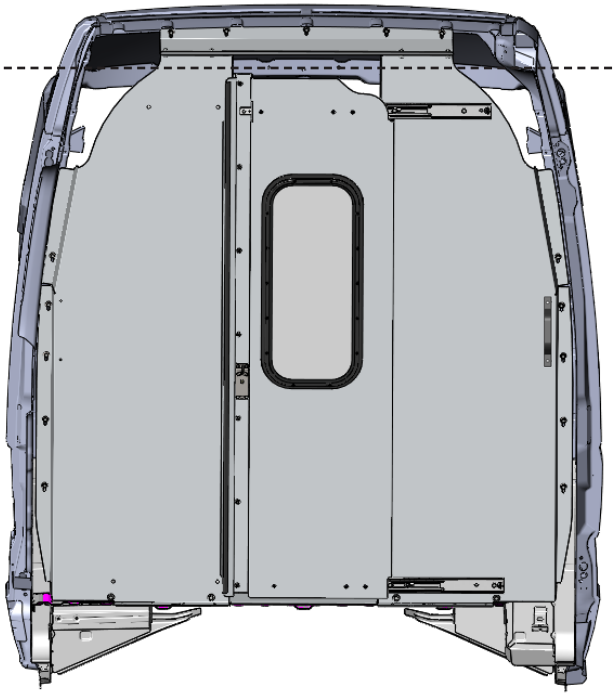
HARDWARE USED

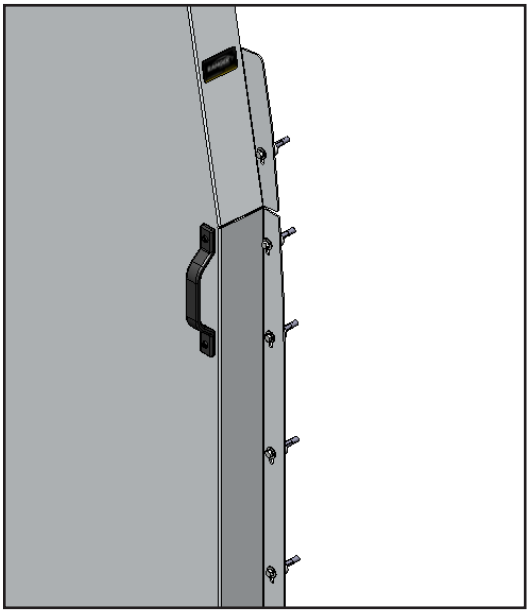
15×

94-130
Plusnut .250

2.3.5 Put the side panels in place, then bolt the driver and passenger side panels to the van.

NOTE: Put a bolt, lock washer, flat washer, 3 spacers and a retaining washer in the partition 1st, then attach the partition in the van.





TOOLS

- ❑ Cordless Impact
- ❑ 7/16" Socket

HARDWARE USED

10×

#90-130 Hex Bolt 1/4" × 2"

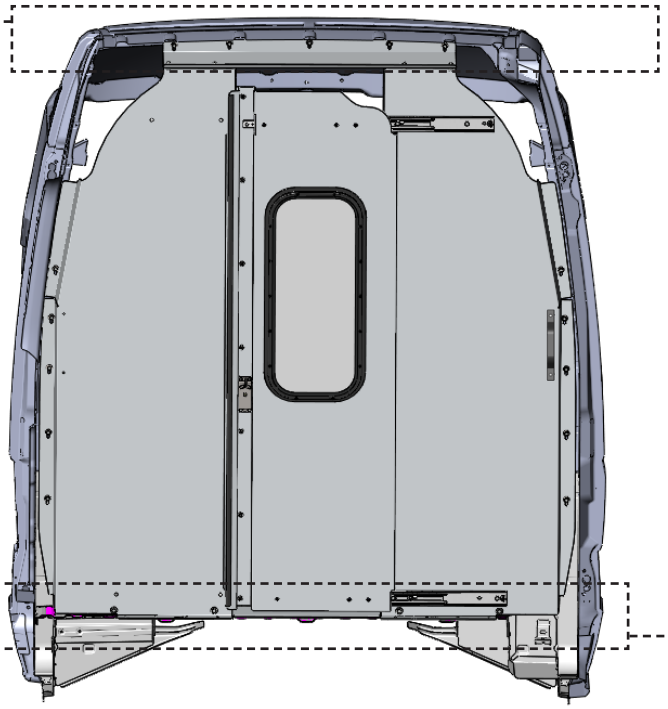
#98-118 Lock Washer

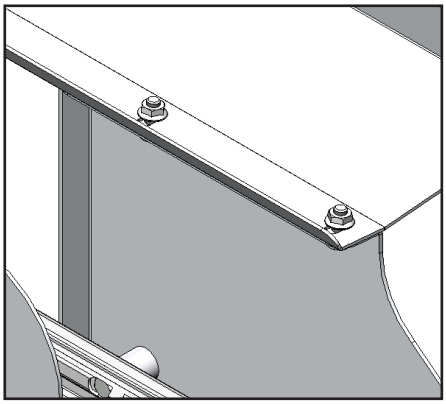
#98-112 Flat Washer

#98-157 Spacers (3)

#98-158 Retaining washer

2.3.6 Attach the end panels to the top bracket and floor bracket.





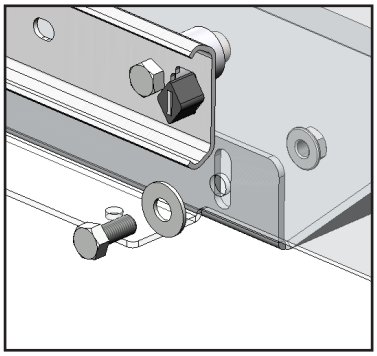
TOOLS

- ❑ Cordless Impact
- ❑ 1/2" Socket

HARDWARE USED

4×

	#90-204 Hex Bolt 5/16" × 3/4"
	#98-116 Flat Washer
	#94-116 Serrated Nut



TOOLS

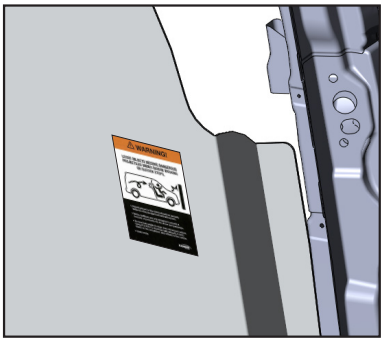
- ❑ Cordless Impact
- ❑ 1/2" Socket

HARDWARE USED

4×

	#90-204 Hex Bolt 5/16" × 3/4"
	#98-116 Flat Washer
	#94-116 Serrated Nut

2.3.7 Apply the warning label on the passenger side panel.



NOTE: Put the warning label in a place where it's easy to see.

“Congratulations, you have successfully installed your Sliding Door Partition!

Thank you for doing business with us.”

RANGER DESIGN