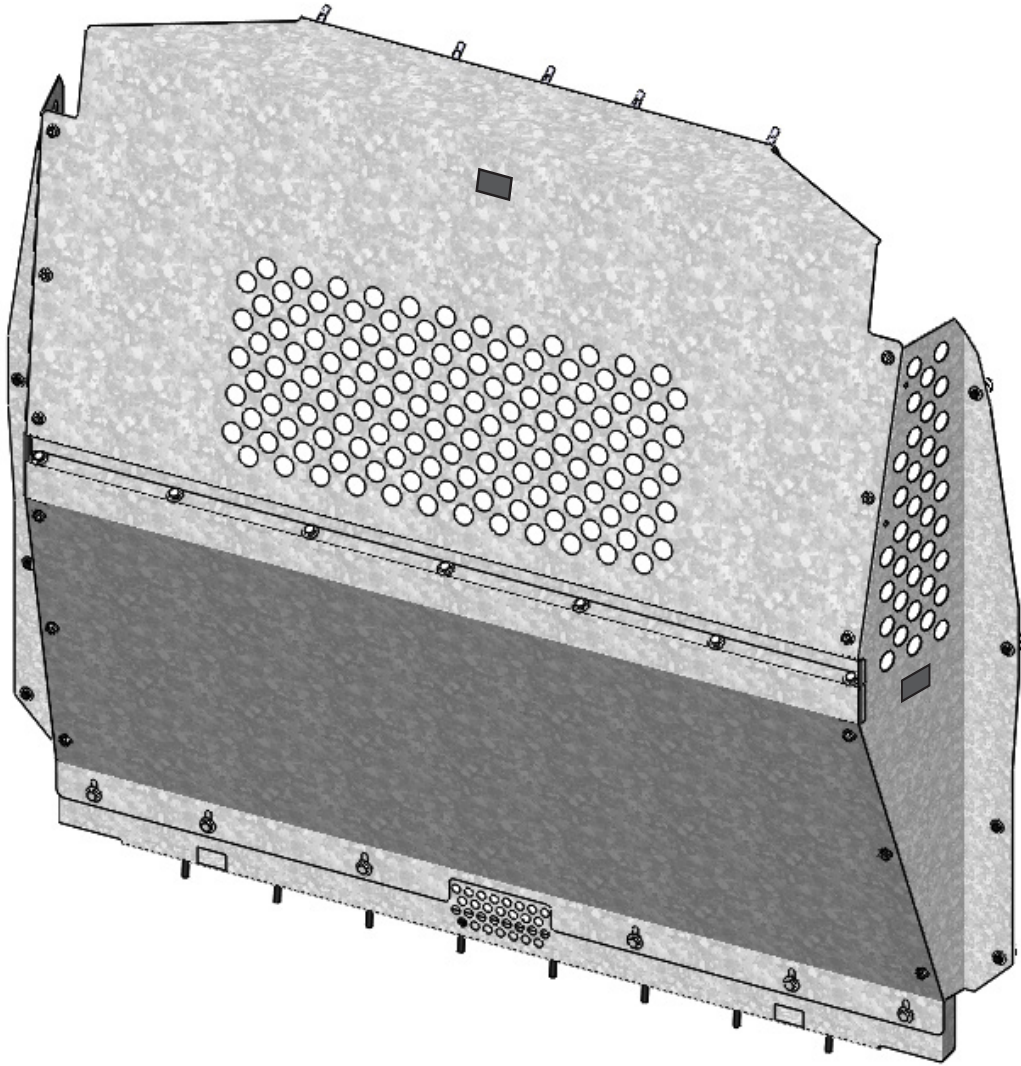


INSTALLATION GUIDE



C10-PC CONTOURED PARTITION

Promaster City (Perforated Window, Steel)

RANGER
DESIGN

QUICK START GUIDE

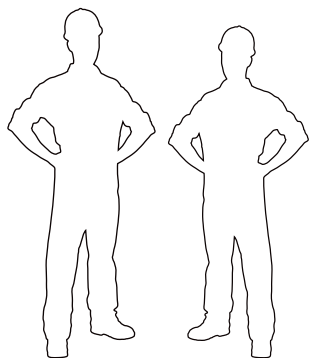
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REQUIRED ITEMS



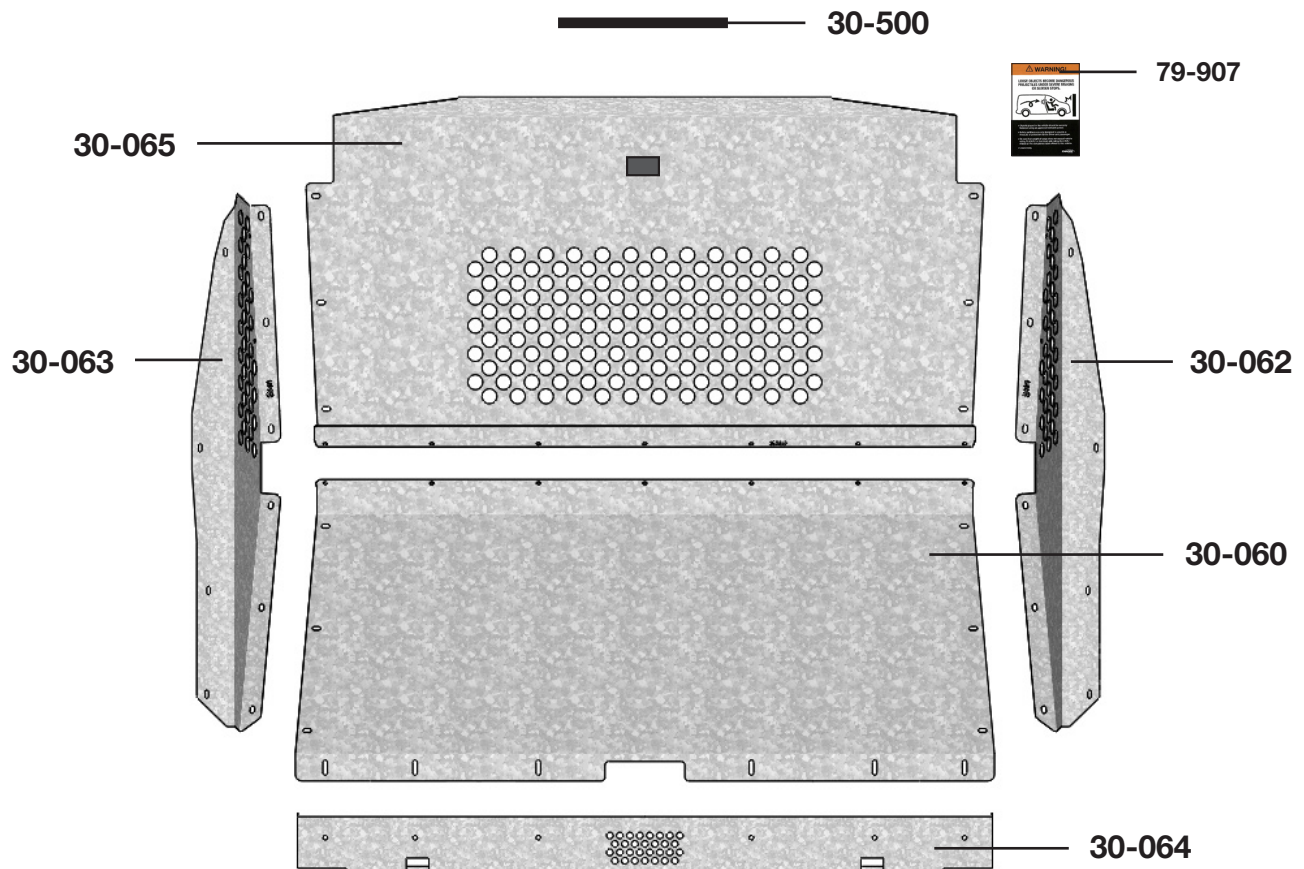
**2
PERSONS**

- ❑ Cordless Impact
- ❑ Cordless Drill
- ❑ Knife or Cutter
- ❑ Mallet
- ❑ Philips Screw Driver
- ❑ Plusnut Tool
- ❑ Ratchet
- ❑ 1/2" Socket
- ❑ 7/16" Socket
- ❑ 10mm Socket
- ❑ 13mm Socket
- ❑ T30 Torque Bit
- ❑ T40 Torque Bit
- ❑ 9/16" Wrench
- ❑ 1" Holesaw

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.
30-060	Lower Panel	1
30-062	Passenger Side Wing	1
30-063	Driver Side Wing	1
30-064	Floor Bracket	1
30-065	Upper Panel	1
30-500	Edge Trim (QTY in Inches)	8
79-907	Warning Label	1
94-3010	Assembly Fastener Bag	1
96-3012	Installation Fastener Bag	1

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

Assembly Fastener Bag

25x		# 90-200	Hex Bolt 5/16"-18 x 1/2" GR-5 ZINC
25x		# 94-116	Serrated Nut 5/16"-18 ZINC
25x		# 98-116	Flat Washer 5/16", 7/8" OD ZINC

Hardware Assembly

25x

	#90-200 Hex Bolt 5/16" x 1/2"
	#98-116 Flat Washer
	#94-116 Serrated Nut

Installation Fastener Bag

5x		# 90-118	Hex Bolt 1/4"-20 x 1-1/4" GR-5 ZINC
8x		# 90-668	Hex Bolt M8-1.25 x 40 CL 8.8 DIN 933 BLACK OXIDE
8x		# 90-836	Hex Bolt M6-1.0 x 40 CL 12.9 DIN 933 BLACK OXIDE
5x		# 94-130	Plusnut .250
13x		# 98-112	Flat Washer 1/4", 3/4" OD ZINC
8x		# 98-116	Flat Washer 5/16", 7/8" OD ZINC
13x		# 98-118	Lock Washer Regular 1/4" ZINC
8x		# 98-122	Lock Washer Regular 5/16" ZINC
24x		# 98-157	Spacer 0.375" ID, x 1.0" OD x 0.25" L NYLON
8x		# 98-158	Retaining Washer M16 (1/4") NYLON

Hardware Assembly

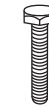
5x

	#90-118 Hex Bolt 1/4" x 1-1/4"
	#98-118 Lock Washer
	#98-112 Flat Washer
	#94-130 Plusnut .250

8x

	#90-668 Hex Bolt M8 x 40
	#98-122 Lock Washer
	#98-116 Flat Washer

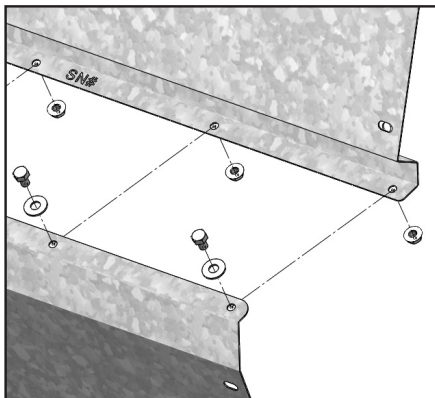
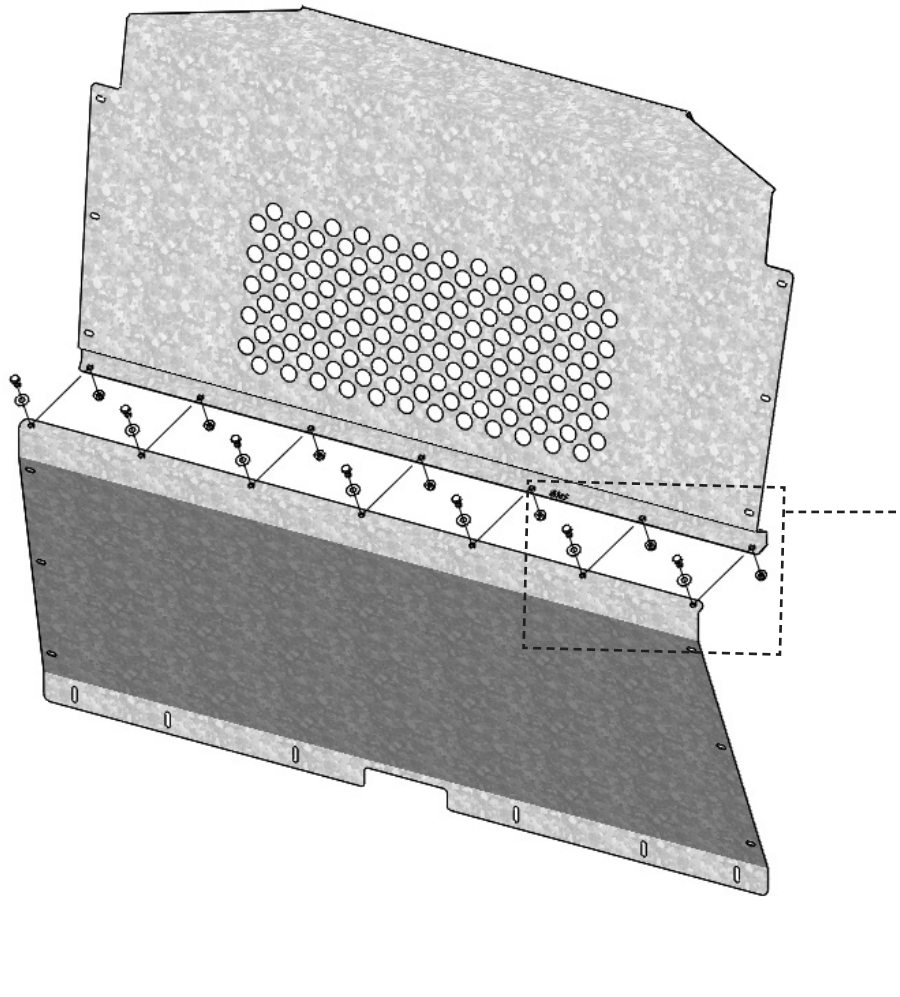
8x

	#90-836 Hex Bolt M6 " x 40
	#98-118 Lock Washer
	#98-112 Flat Washer
	#98-157 Spacers (3)
	#98-158 Retaining Washer

PHASE 1 – ASSEMBLY

1.2 PARTITION ASSEMBLY

1.2.1 Remove all the PVC from all the parts, then attach the upper panel to the lower panel.



TOOLS

- Cordless Impact
- 1/2" Socket

HARDWARE USED

7x

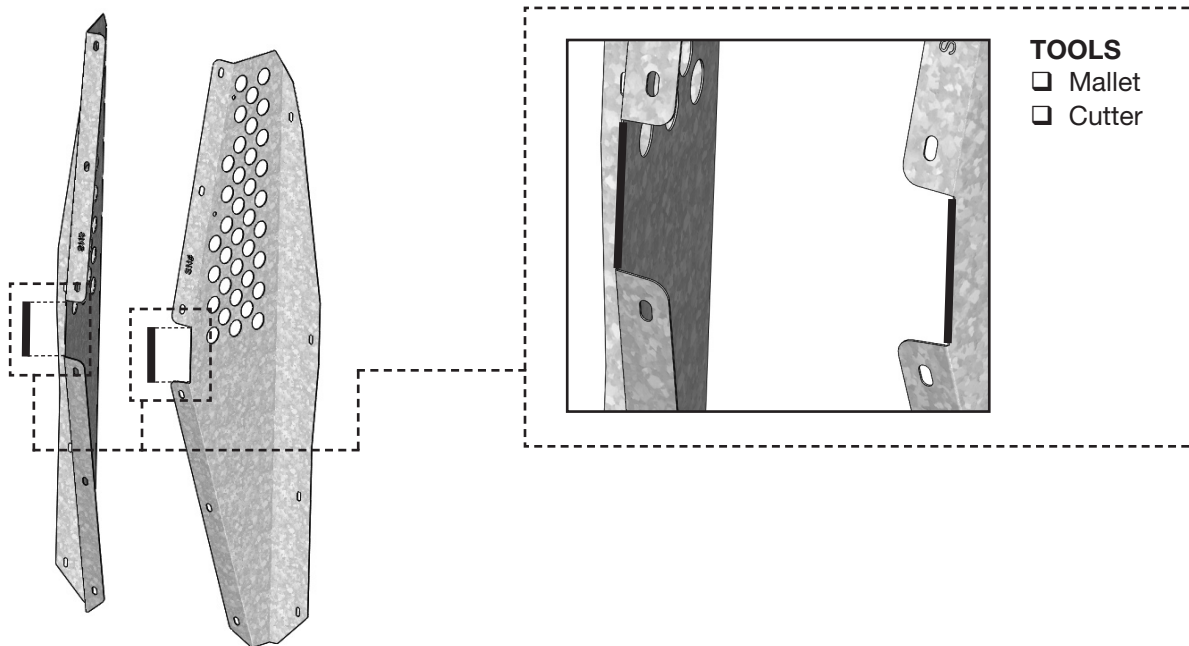


#90-200 Hex Bolt 5/16" x 1/2"

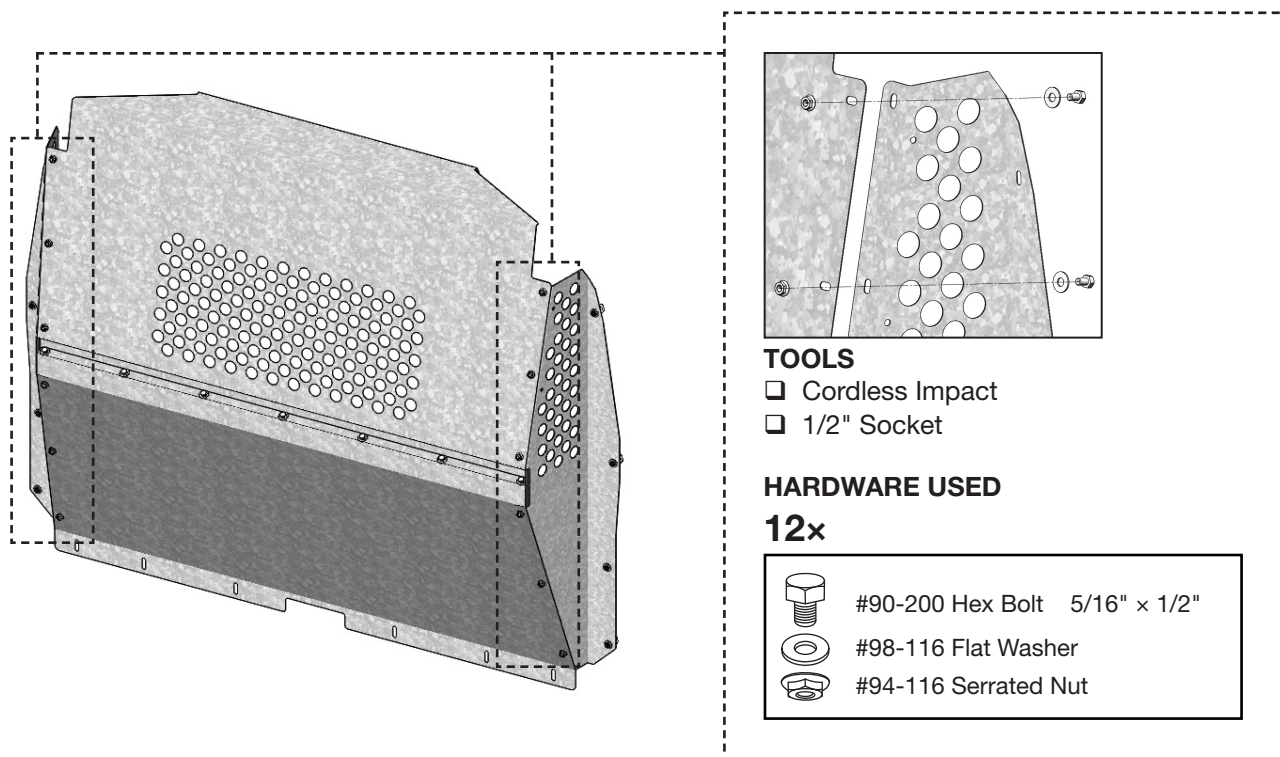
#98-116 Flat Washer

#94-116 Serrated Nut

1.2.2 Attach the edge trims on these locations.



1.2.3 Attach both wings to the upper and lower panels.

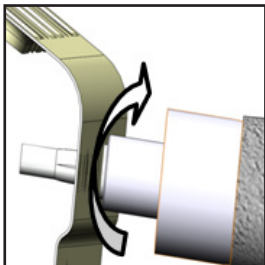


PHASE 2 – INSTALLATION

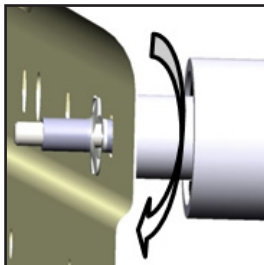
2.1 TIPS ON HOW TO ATTACH A PLUSNUT

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

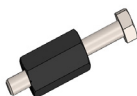


REVERSE

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

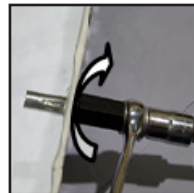
TIPS STEP 1:

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



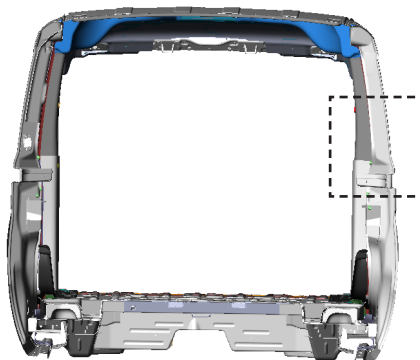
REVERSE

PHASE 2 – INSTALLATION

2.2 VEHICLE PREPARATION

2.2.1 Removing handle.

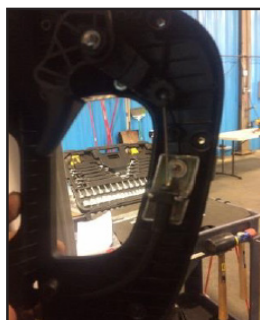
NOTE: If you are installing a Contoured Partition and your Promaster City is supplied with an oversized sliding door handle, this handle must be removed in order for the door to close properly.



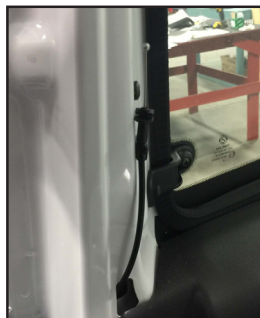
Separate the two halves of the handle exposing the two bolts at the top by removing the small philips screws and the bolt at the bottom.

TOOLS

- ☐ Cordless Impact or Ratchet
- ☐ Philips Screw Driver
- ☐ T30 Torque Bit



Detach the plastic bracket on the cable from the metal part of the handle, then slide the cable across the channel and pop out.



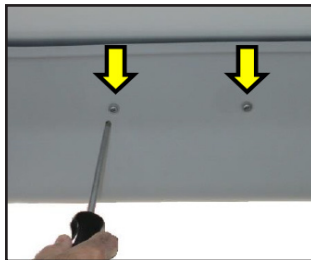
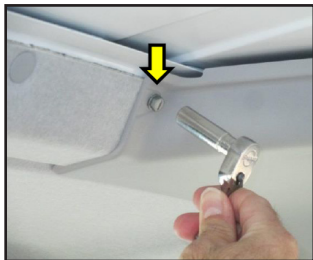
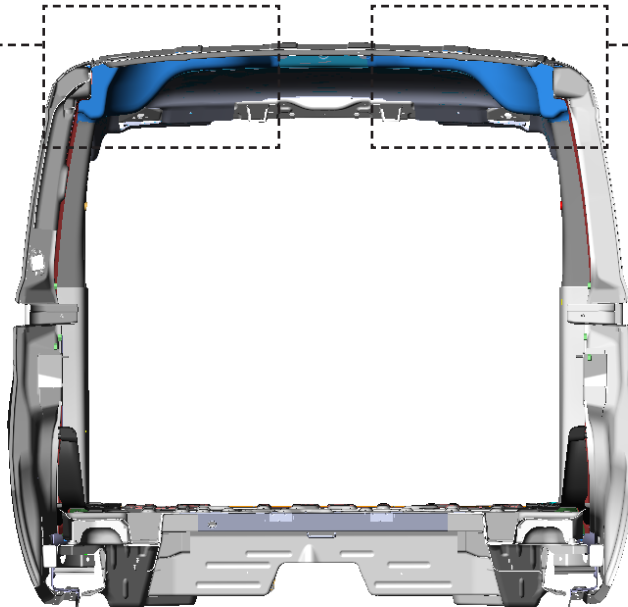
Tape or roll the cable.

NOTE: Pulling the cable unlocked the door.

2.2.2 Removing overhead plastic.

NOTE: There are two types of covers.

(White Covers - Without OEM partition, and Black Covers - With OEM partition)

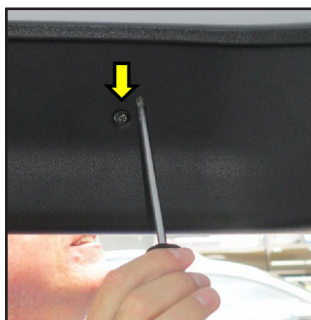


For the white cover, remove the two screws on the side and bolt on the front.

NOTE: Do these on both sides of the van.

TOOLS

- ☐ Cordless Impact or Ratchet
- ☐ Philips Screw Driver
- ☐ 7/16" Socket



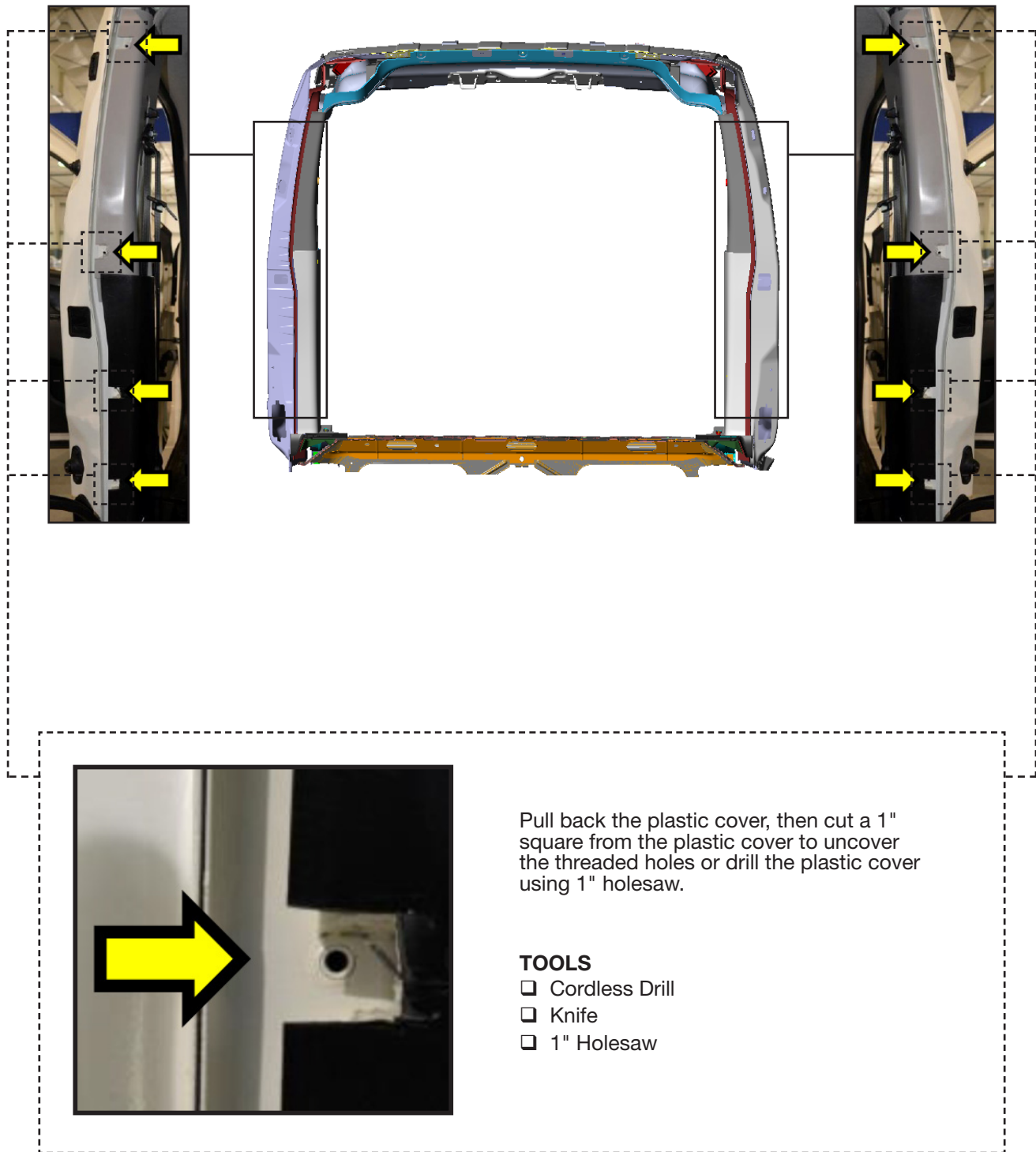
For the black cover, remove the screw on the side and bolt on the front.

NOTE: Do these on both sides of the van.

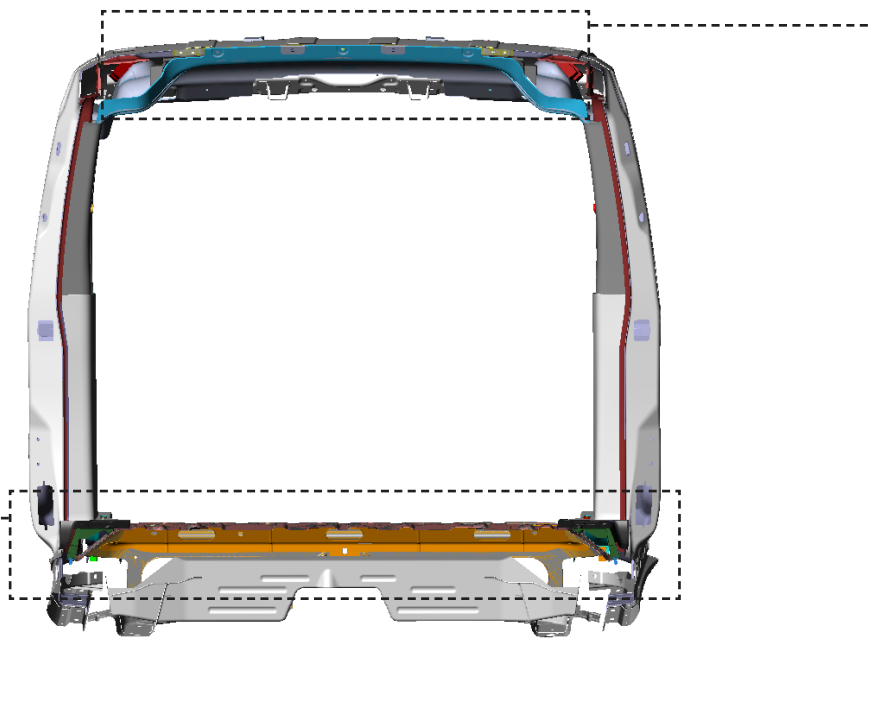
TOOLS

- ☐ Cordless Impact or Ratchet
- ☐ Philips Screw Driver
- ☐ 7/16" Socket

2.2.3 Driver and passenger sides preparation.

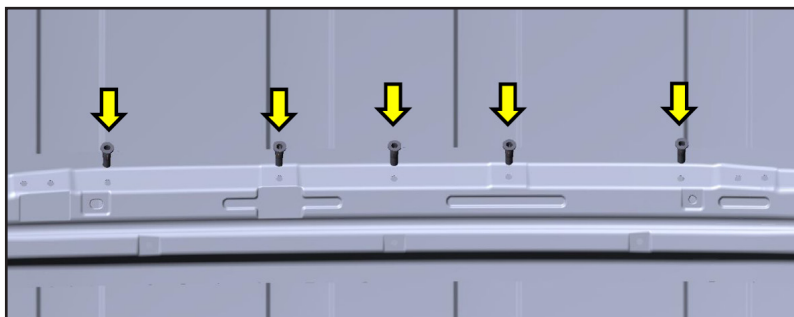


2.2.4 Ceiling and floor preparation.



Attach plusnut on these 5 holes.

NOTE: Enlarge these holes if the plusnuts don't fit, using 3/8" drill bit or step drill.



TOOLS

- ☐ Plusnut Tool

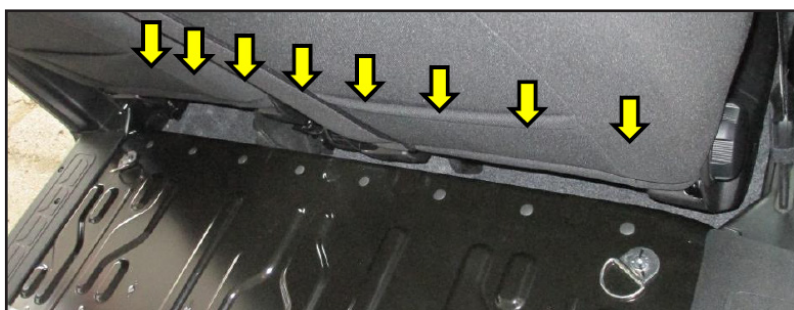
HARDWARE USED

5x



94-130
Plusnut .250

Remove plastic caps and the two D-rings from vehicle floor, then verify if the threads are in good condition.



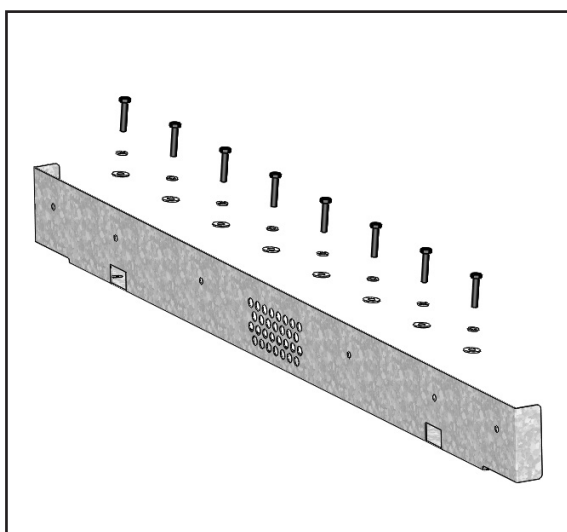
TOOLS

- ☐ Cordless Impact
- ☐ T40 Torque Bit

PHASE 2 – INSTALLATION

2.3 CONTOURED PARTITION INSTALLATION

2.3.1 Attach the floor bracket in the van.

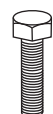


TOOLS

- Cordless Impact
- 13mm Socket

HARDWARE USED

8x



#90-668 Hex Bolt M8 × 40

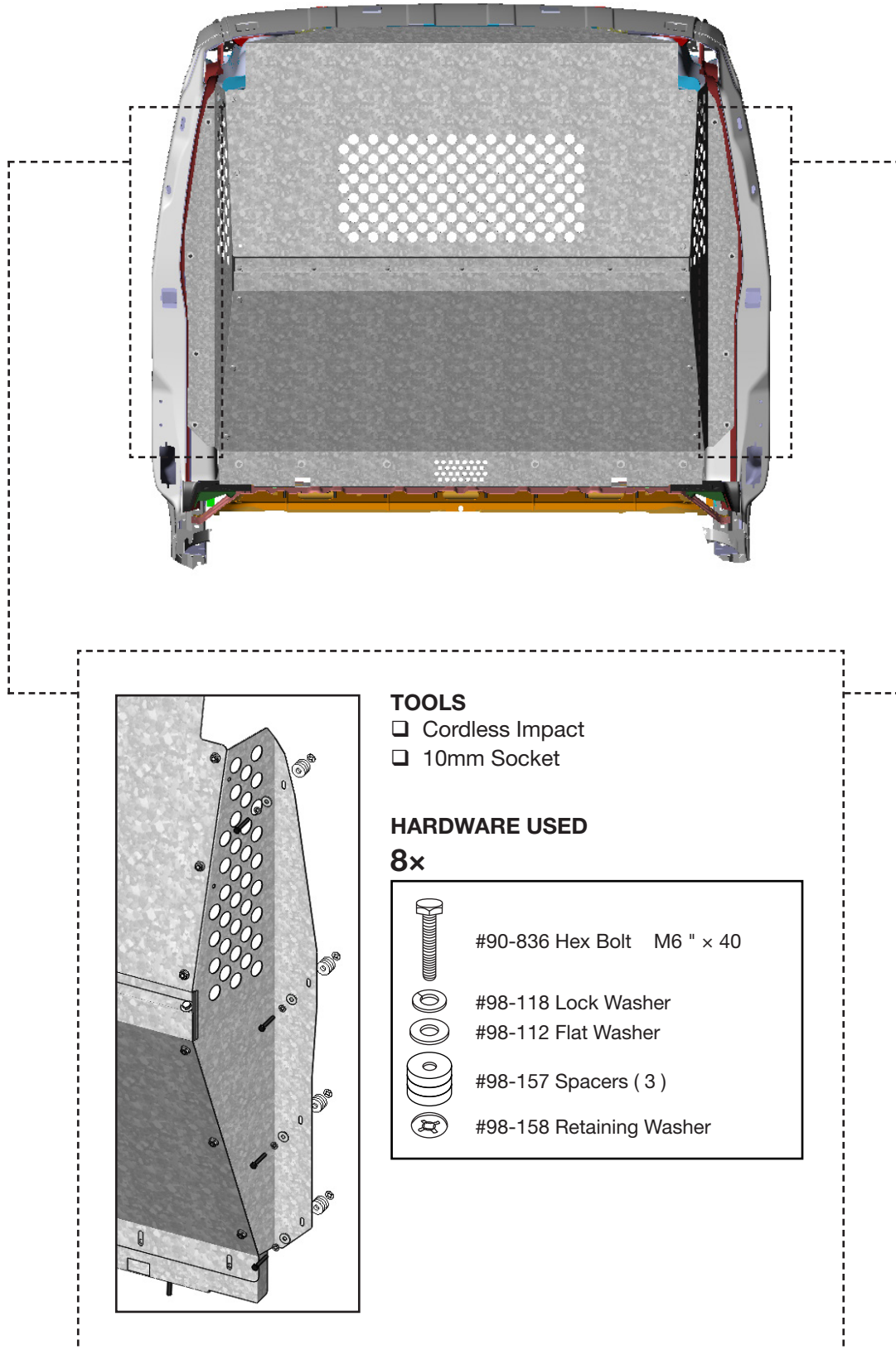


#98-122 Lock Washer

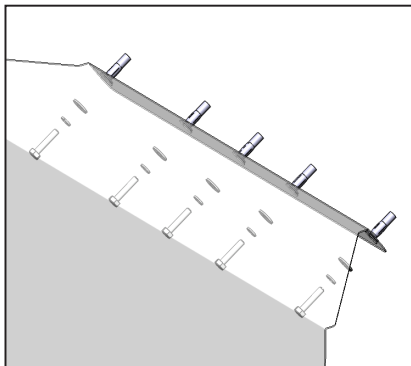
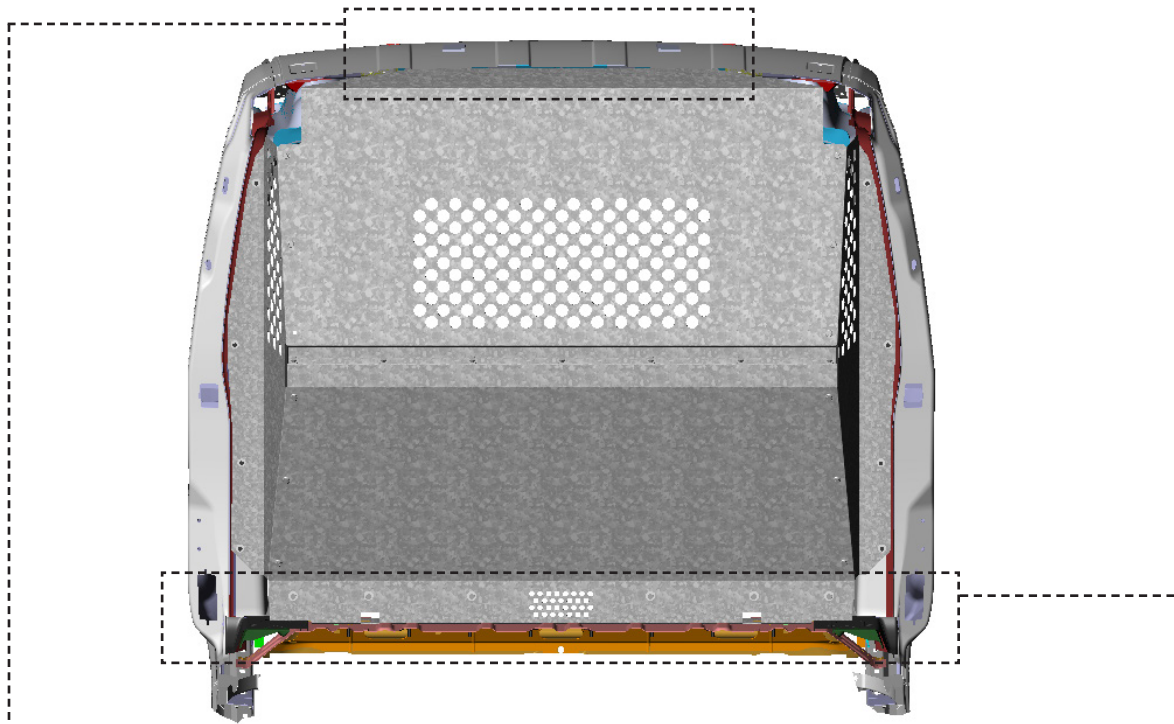


#98-116 Flat Washer

2.3.2 Lift the assembled partition in the van, then bolt both sides of the partition in the van.



2.3.3 Attach the upper panel in the van, then attach the lower panel to the floor bracket.



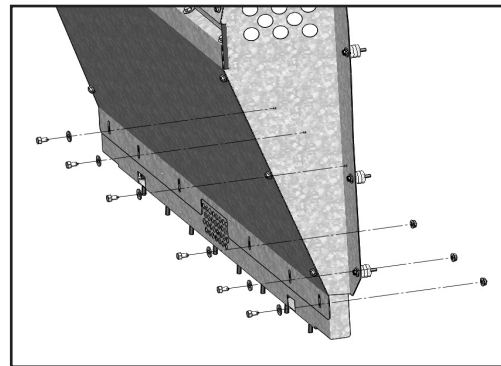
TOOLS

- Cordless Impact
- 7/16" Socket

HARDWARE USED

5x

-  #90-118 Hex Bolt 1/4" x 1-1/4"
-  #98-118 Lock Washer
-  #98-112 Flat Washer



TOOLS

- Cordless Impact
- 1/2" Socket

HARDWARE USED

6x

-  #90-200 Hex Bolt 5/16" x 1/2"
-  #98-116 Flat Washer
-  #94-116 Serrated Nut

2.3.4 Apply the warning label on the upper panel.



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



**“Congratulations, you have successfully installed your
Contoured Partition!”**

Thank you for doing business with us.”

