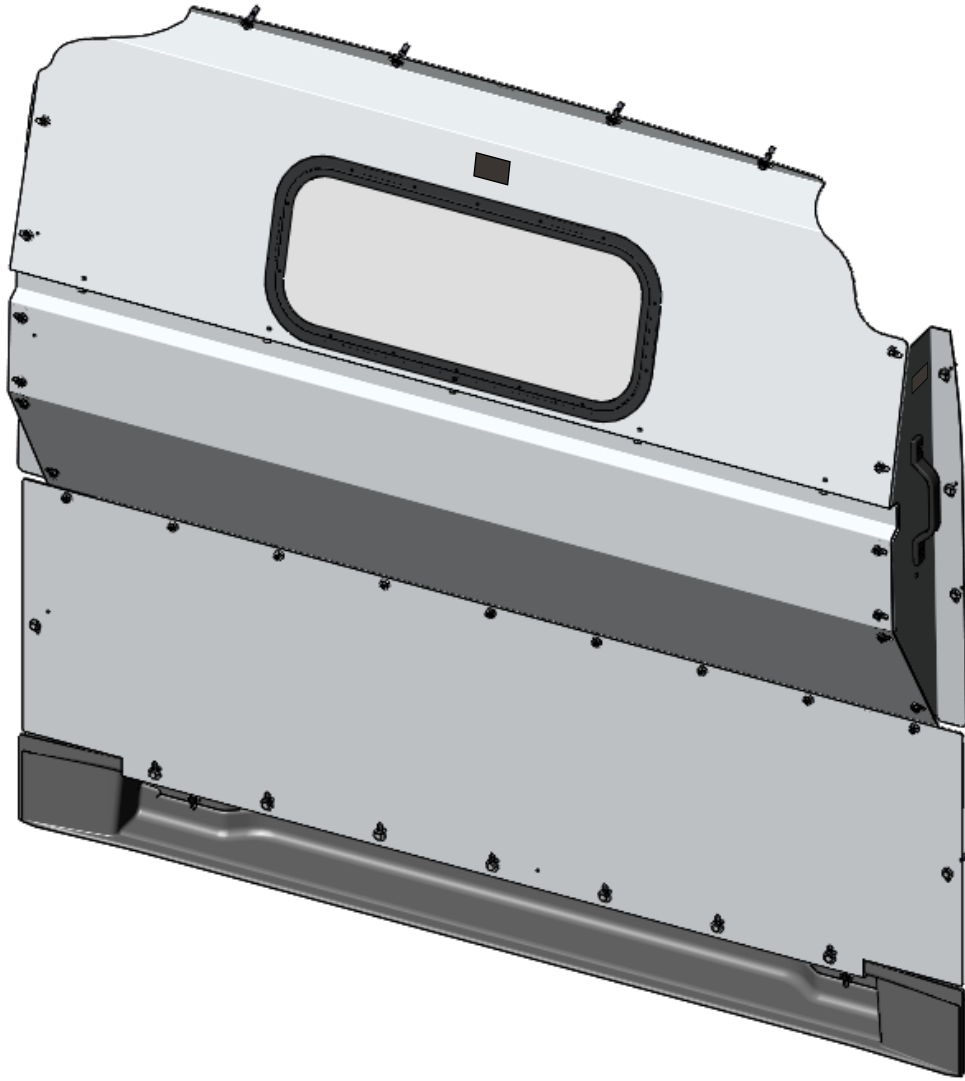


INSTALLATION GUIDE



3020-RP CONTOURED PARTITION

Promaster (Tempered Glass Window, Aluminum)



QUICK START GUIDE

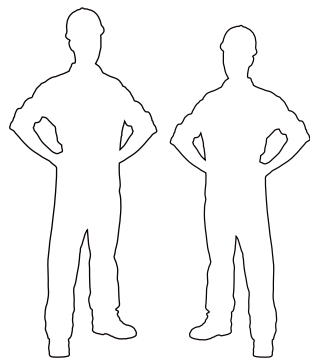
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REQUIRED ITEMS



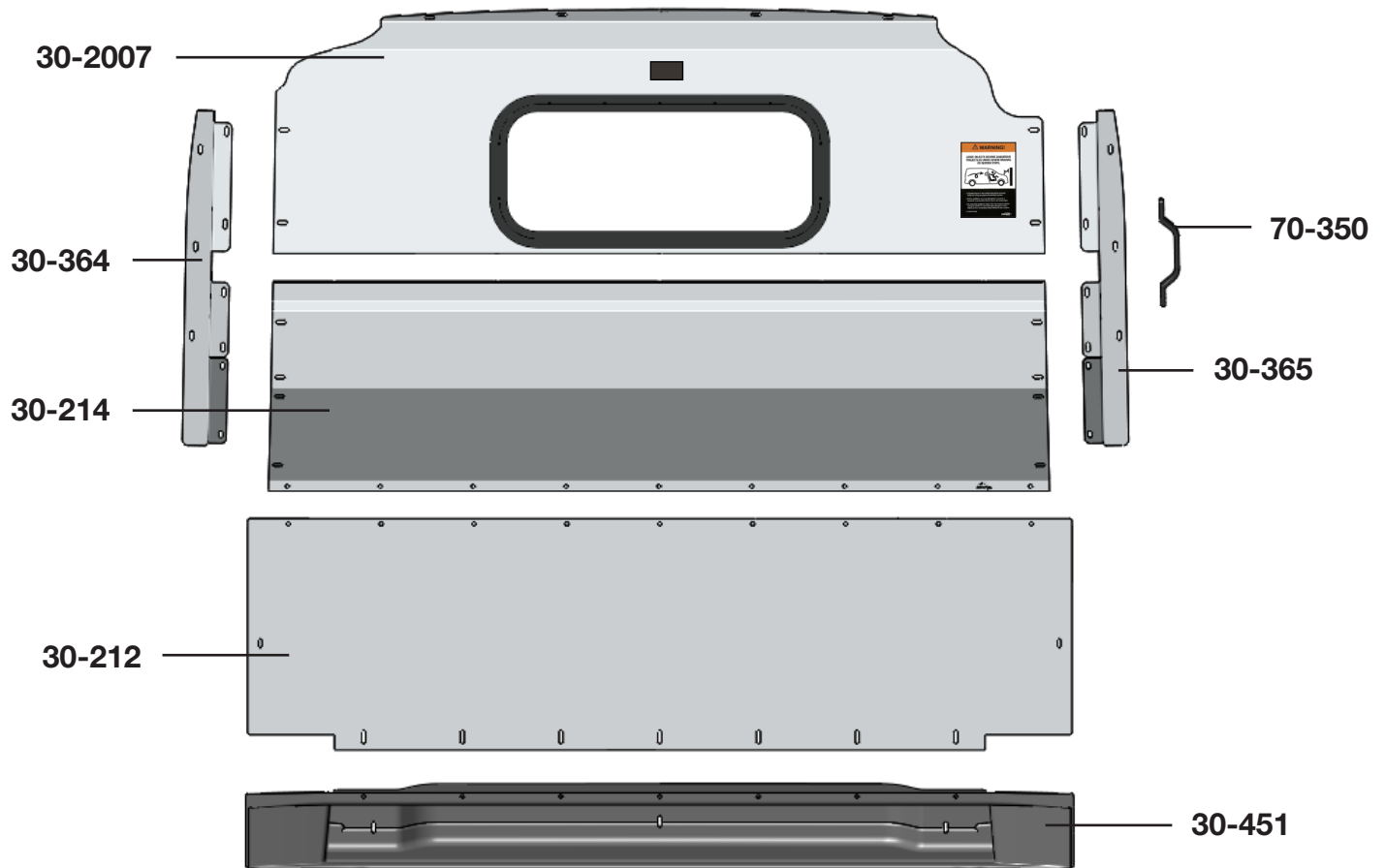
**2
PERSONS**

- ☐ Cordless Driver
- ☐ Cordless Impact
- ☐ Cordless Drill
- ☐ Marker
- ☐ Plusnut Tool
- ☐ Phillips Head Drive Bit
- ☐ Tape Measure
- ☐ 3/16" Driver Bit
- ☐ 7/16" Socket
- ☐ 1/2" Socket
- ☐ 13mm Socket
- ☐ 9/16" Wrench
- ☐ 3/8" Drill Bit
- ☐ 1" Hole Saw
- ☐ 1-1/2" Hole Saw

PHASE 1 – ASSEMBLY

1.1 SETUP

1.1.1 Unpack components; compare with the bill of materials.

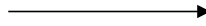


1.1.2 Verify all parts are present.

Item No.	Description	Qty.
30-212	Bottom Partition	1
30-214	Middle Partition	1
30-364	Driver Side Wing	1
30-365	Passenger Side Wing	1
30-451	Plastic Floor Cavity	1
70-350	Grab Handle	1
79-932	Warning Label (Bilingual)	1
30-2007	Top Partition w/ Window	1
94-3034	Assembly Fastener Bag	1
94-6093	Assembly Fastener Bag	1
96-3021	Installation Fastener Bag	1

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

94-3034 Fastener Bag



Hardware Assembly

21x		# 90-204	Hex Bolt 5/16"-18 x 3/4" GR-5 ZINC
12x		# 90-484	Carriage Bolt 5/16"-18 x 5/8"
33x		# 94-116	Serrated Nut 5/16"-18 ZINC
21x		# 98-116	Flat Washer 5/16", 7/8" OD ZINC

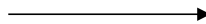
21x

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

12x

	#90-484 Carriage Bolt 5/16" x 5/8"
	#94-116 Serrated Nut

94-6093 Fastener Bag



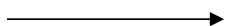
Hardware Assembly

2x		# 90-893	Cap Screw 1/4" x 3/4"
2x		# 94-112	Serrated Nut 1/4"-20 ZINC

2x

	#90-893 Cap Screw 1/4" x 3/4"
	#94-112 Serrated Nut

96-3021 Fastener Bag



Hardware Assembly

5x		# 90-114	Hex Bolt 1/14"-20 x 1" GR-5 ZINC
6x		# 90-122	Hex Bolt 1/14"-20 x 1-1/2" GR-5 ZINC
2x		# 90-130	Hex Bolt 1/4"-20 x 2" GR-5 ZINC
2x		# 90-666	Hex Bolt M8-1.25 x 20 CL 8.8 DIN 933 BLACK OXIDE
13x		# 94-130	Plusnut .250
13x		# 98-112	Flat Washer 1/4", 3/4" OD ZINC
2x		# 98-116	Flat Washer 5/16", 7/8" OD ZINC
13x		# 98-118	Lock Washer Regular 1/4" ZINC
2x		# 98-122	Lock Washer Regular 5/6" ZINC
8x		# 98-158	Retaining Washer M16 (1/4") NYLON
6x		# 98-161	Spacer 1.0" x 0.625" x 0.375" NYLON
2x		# 99-102	Spacer 0.323" ID, x 0.750" OD x 1.125" LONG NYLON

2x

	#90-666 Hex Bolt M8 x 20
	#98-122 Lock Washer
	#98-116 Flat Washer

5x

	#90-114 Hex Bolt 1/4" x 1"
	#98-118 Lock Washer
	#98-112 Flat Washer
	#94-130 Plusnut .250

6x

	#90-122 Hex Bolt 1/4" x 1-1/2"
	#98-118 Lock Washer
	#98-112 Flat Washer
	#98-161 Spacer
	#98-158 Retaining Washer
	#94-130 Plusnut .250

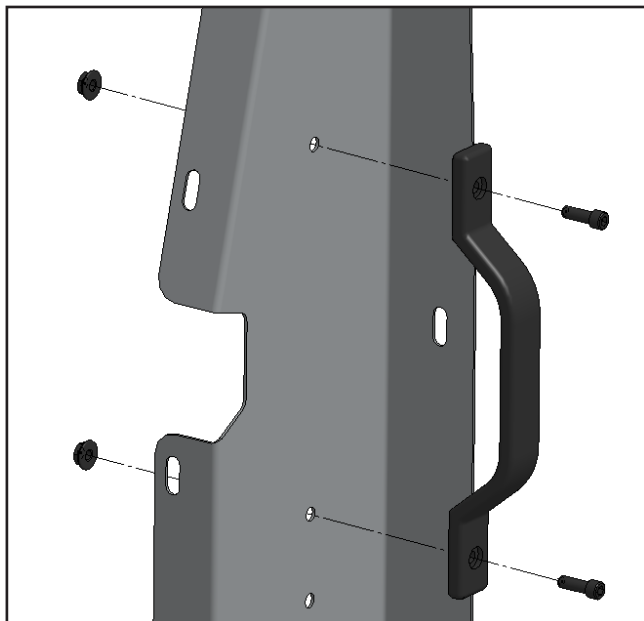
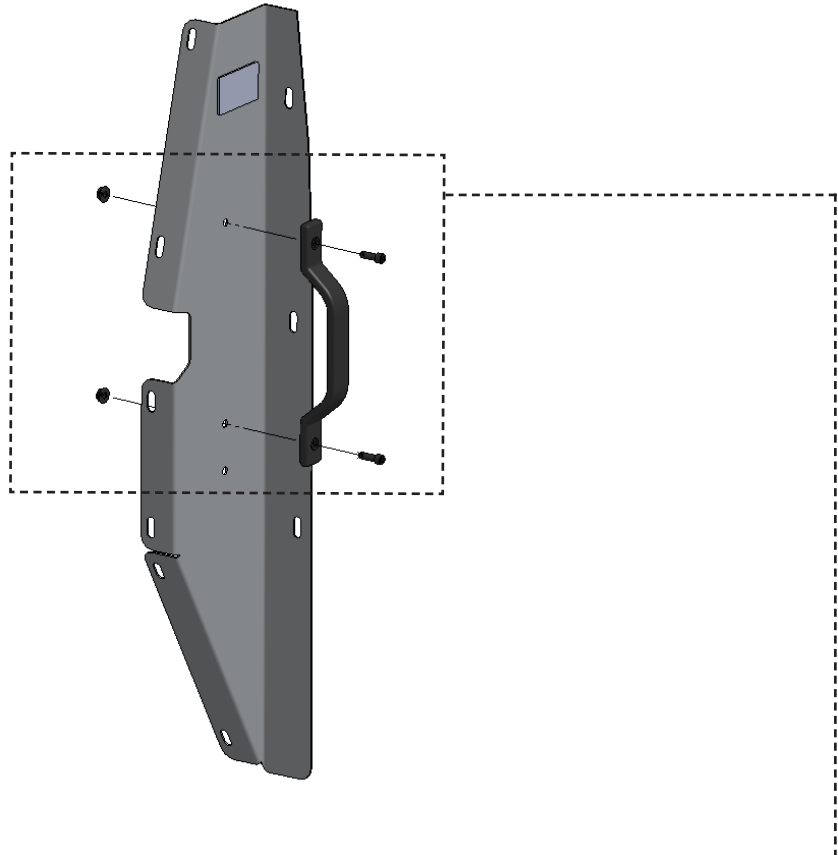
2x

	#90-130 Hex Bolt 1/4" x 2"
	#98-118 Lock Washer
	#98-112 Flat Washer
	#99-102 Spacer
	#98-158 Retaining Washer
	#94-130 Plusnut .250

PHASE 1 – ASSEMBLY

1.2 PARTITION ASSEMBLY

1.2.1 Remove all the PVC from all the parts, then attach the grab handle to the passenger side wing.



TOOLS

- Cordless Driver
- 3/16" Driver Bit

HARDWARE USED

2x

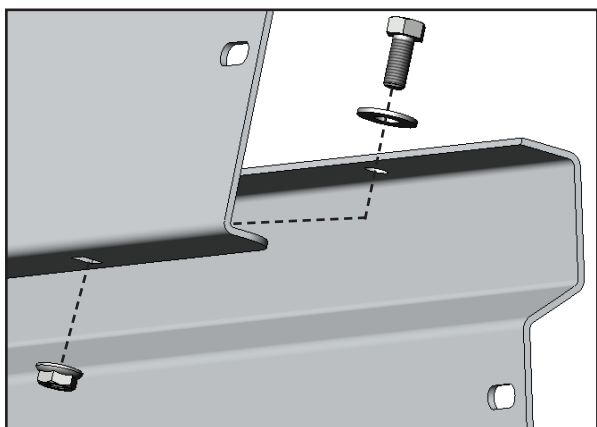
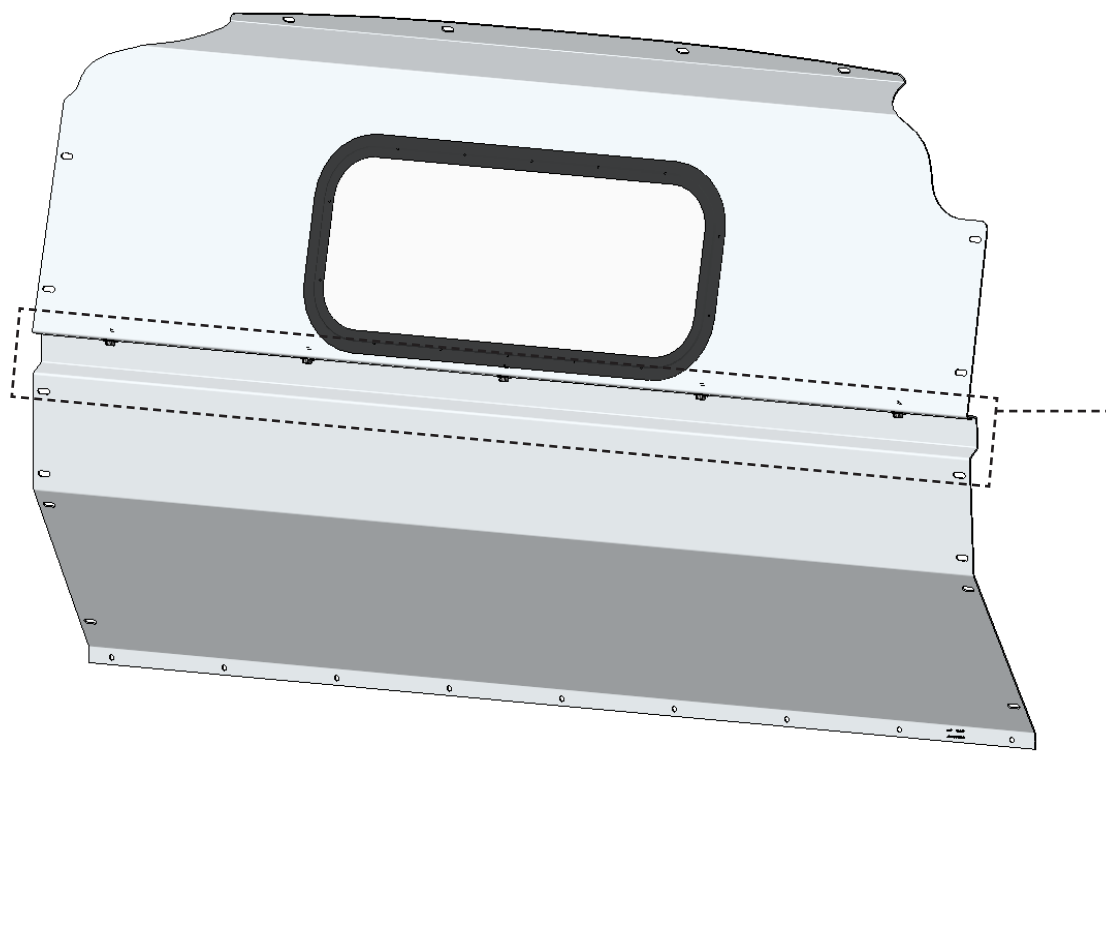


#90-893 Cap Screw 1/4" x 3/4"



#94-112 Serrated Nut

1.2.2 Attach the upper partition and middle partition together.



TOOLS

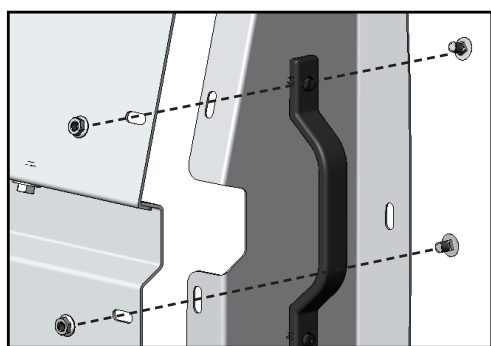
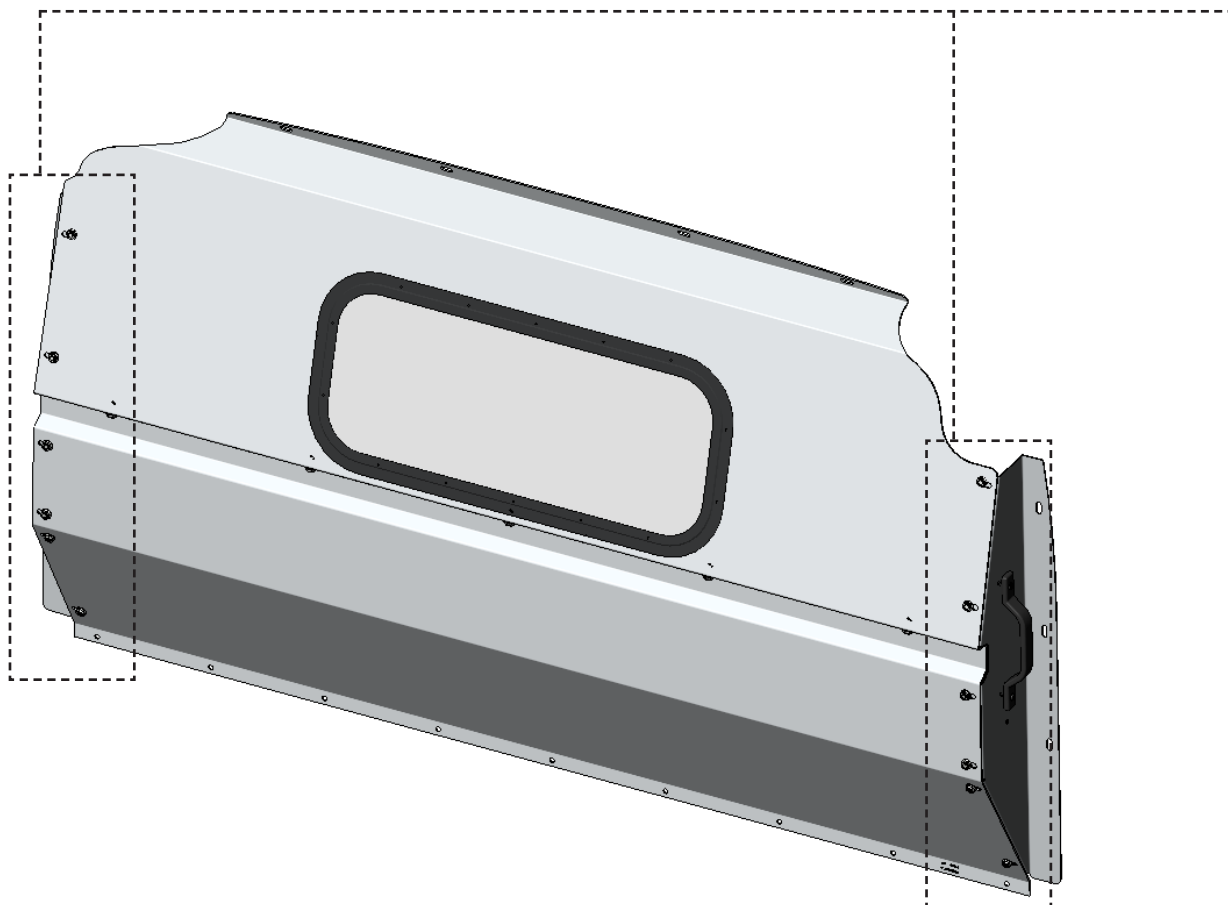
- Cordless Impact
- 1/2" Socket

HARDWARE USED

5x

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

1.2.3 Attach both wings to the upper and middle partitions.



TOOLS

- Cordless Impact
- 1/2" Socket

HARDWARE USED

12x

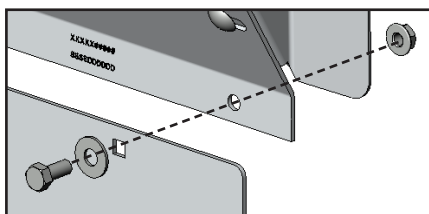
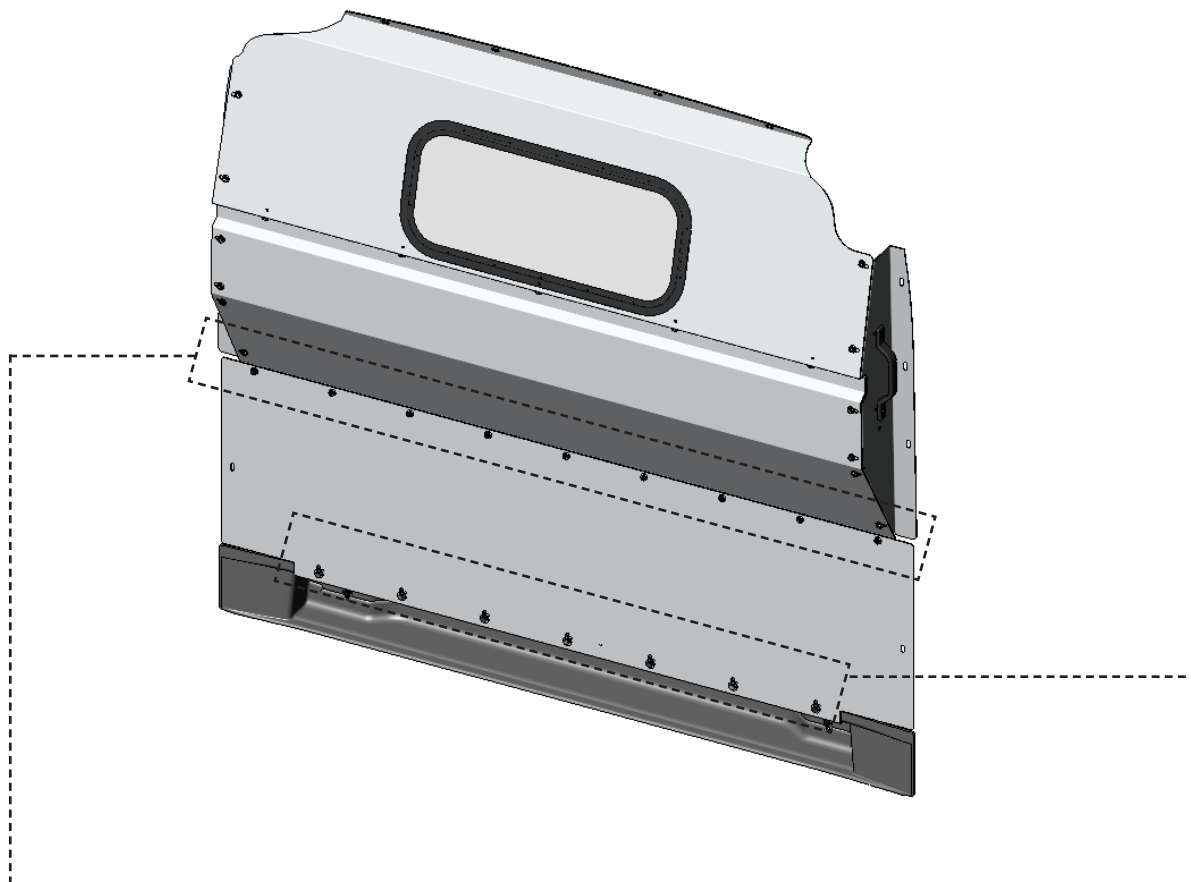


#90-484 Carriage Bolt 5/16" x 5/8"



#94-116 Serrated Nut

1.2.4 Attach the bottom partition to the middle partition then attach the plastic floor cavity to the bottom partition.



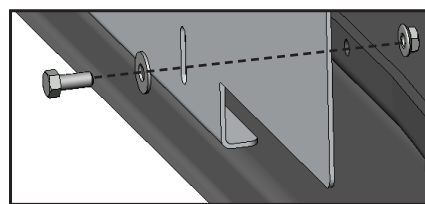
TOOLS

- ☐ Cordless Impact
- ☐ 1/2" Socket

HARDWARE USED

9x

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



TOOLS

- ☐ Cordless Impact
- ☐ 1/2" Socket

HARDWARE USED

9x

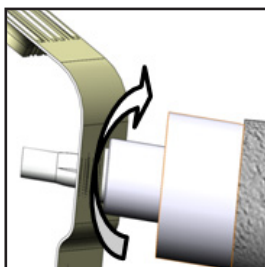
-  #90-204 Hex Bolt 5/16" x 3/4"
-  #98-116 Flat Washer
-  #94-116 Serrated Nut

PHASE 2 – INSTALLATION

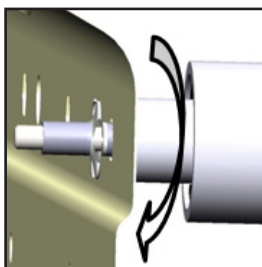
2.1 TIPS ON HOW TO ATTACH A PLUSNUT

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

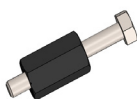


REVERSE

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

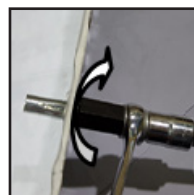
TIPS STEP 1:

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

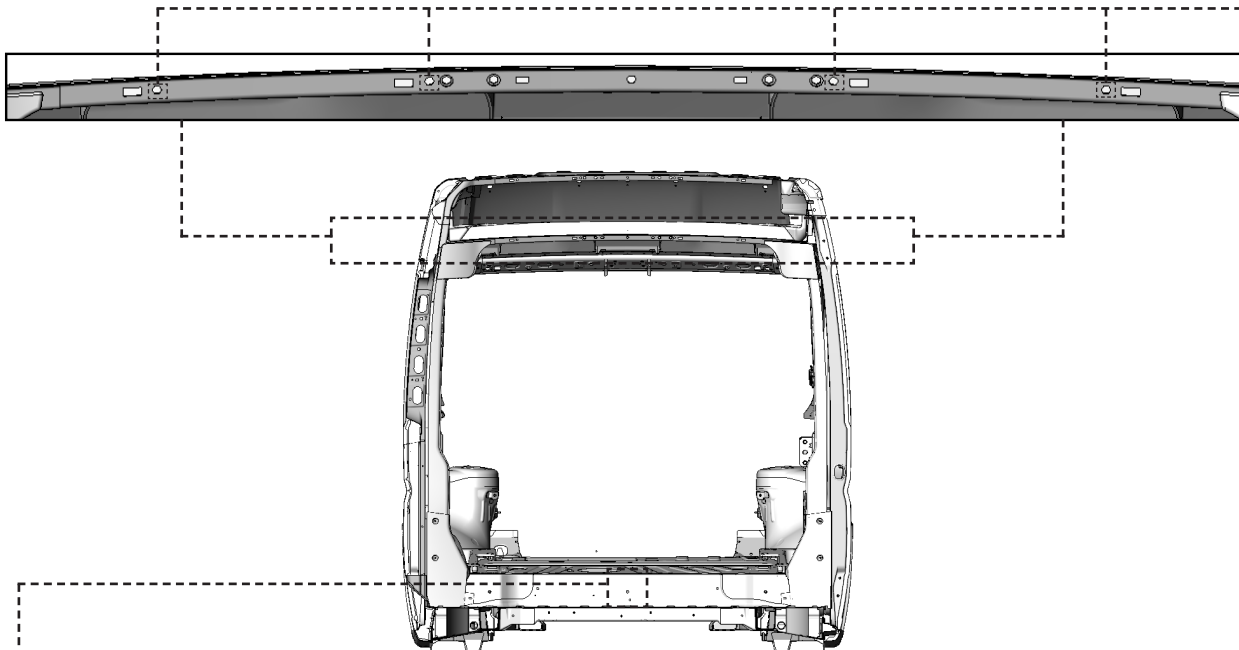


REVERSE

PHASE 2 – INSTALLATION

2.2 VEHICLE PREPARATION

2.2.1 Ceiling and center floor preparation.



Attach plusnut on the center hole in the floor.



TOOLS
☐ Plusnut Tool

HARDWARE USED

1x



94-130
Plusnut .250

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



TOOLS
☐ Cordless Drill
☐ 3/8" Drill Bit or Step Drill

Cut or drill the plastic cover through the 4 holes, then Attach plusnuts in the 4 holes.



TOOLS
☐ Plusnut Tool
☐ 1" Hole Saw or Knife

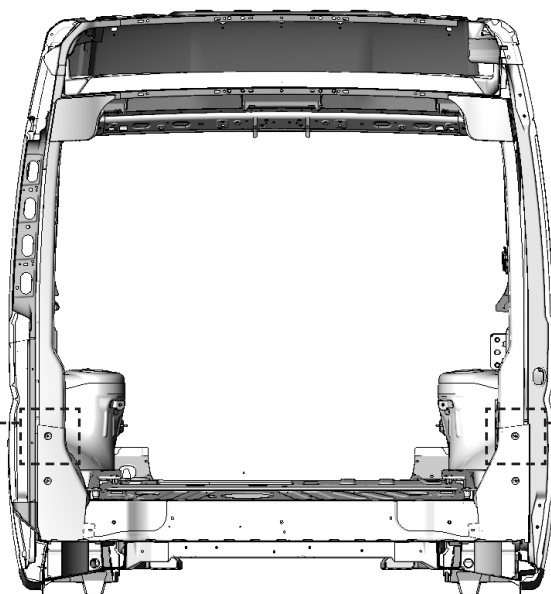
HARDWARE USED

4x



94-130
Plusnut .250

2.2.2 Removing screw and attaching plusnut on the van.



Remove the factory screws.

TOOLS

- ☐ Phillips Head Drive Bit
- ☐ Cordless Drill



Cut the plastic with a 1-1/2" hole saw.

TOOLS

- ☐ Cordless Drill
- ☐ 1-1/2" Hole Saw



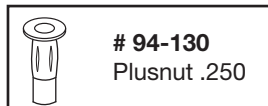
Attach plusnuts in the 2 holes.

TOOLS

- ☐ Plusnut Tool

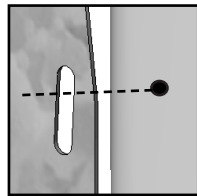
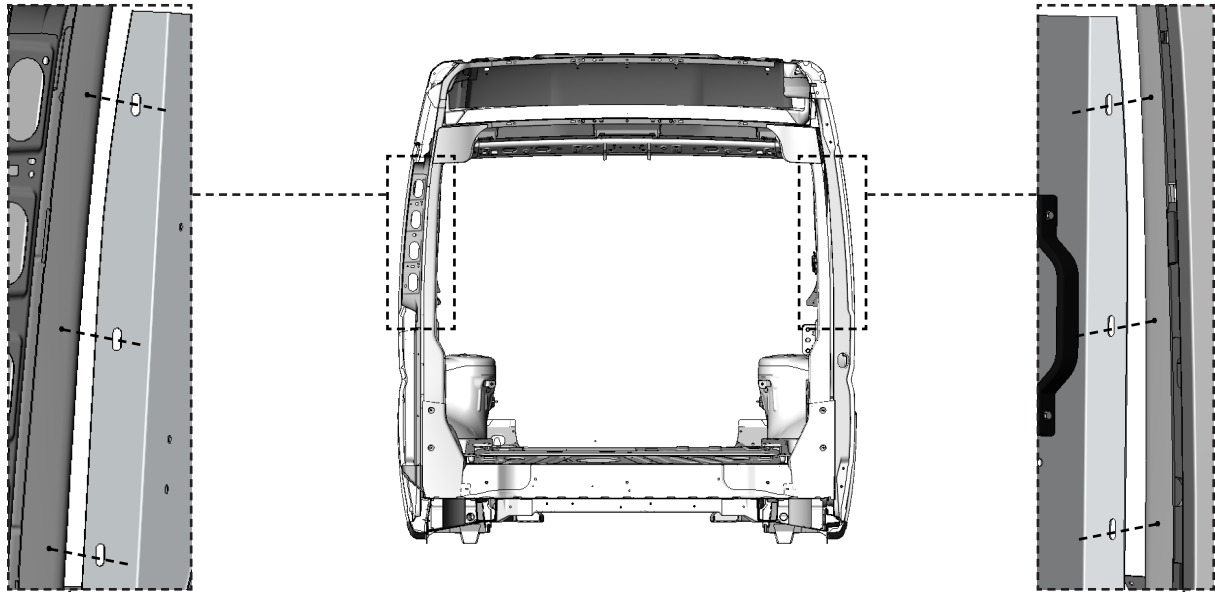
HARDWARE USED

2x



94-130
Plusnut .250

2.2.3 Driver and passenger sides preparation.



Put the partition in place, then put a mark on the van through the holes of the driver and passenger side panels.

TOOLS

- ☐ Marker



Drill through the plastic using the hole saw.

TOOLS

- ☐ Cordless Drill
- ☐ 1" Hole Saw



Enlarge the holes if the plusnuts don't fit and make new holes if they don't align with the panel on the van.

TOOLS

- ☐ Cordless Drill
- ☐ 3/8" Drill Bit or Step Drill



Attach plusnuts in the 6 holes.

TOOLS

- ☐ Plusnut Tool

HARDWARE USED

6x

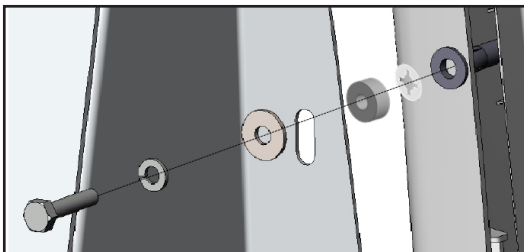
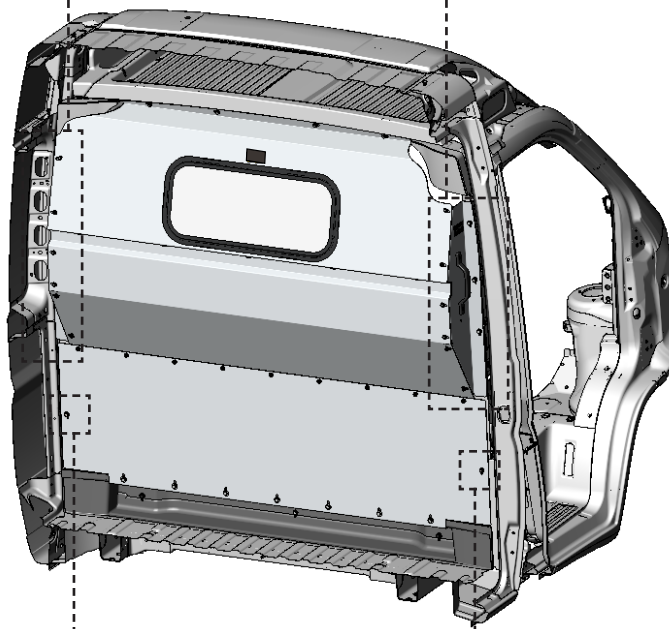


94-130
Plusnut .250

PHASE 2 – INSTALLATION

2.3 CONTOURED PARTITION INSTALLATION

2.3.1 Wings and lower partition installation.



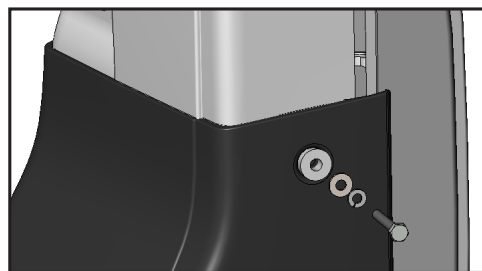
TOOLS

- Cordless Impact
- 7/16" Socket

HARDWARE USED

6x

-  #90-122 Hex Bolt 1/4" x 1-1/2"
-  #98-118 Lock Washer
-  #98-112 Flat Washer
-  #98-161 Spacer
-  #98-158 Retaining Washer



TOOLS

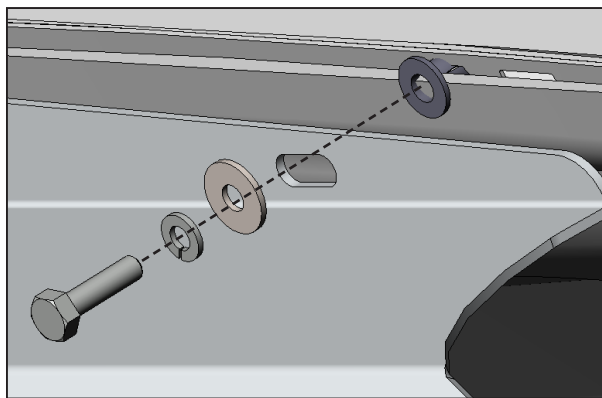
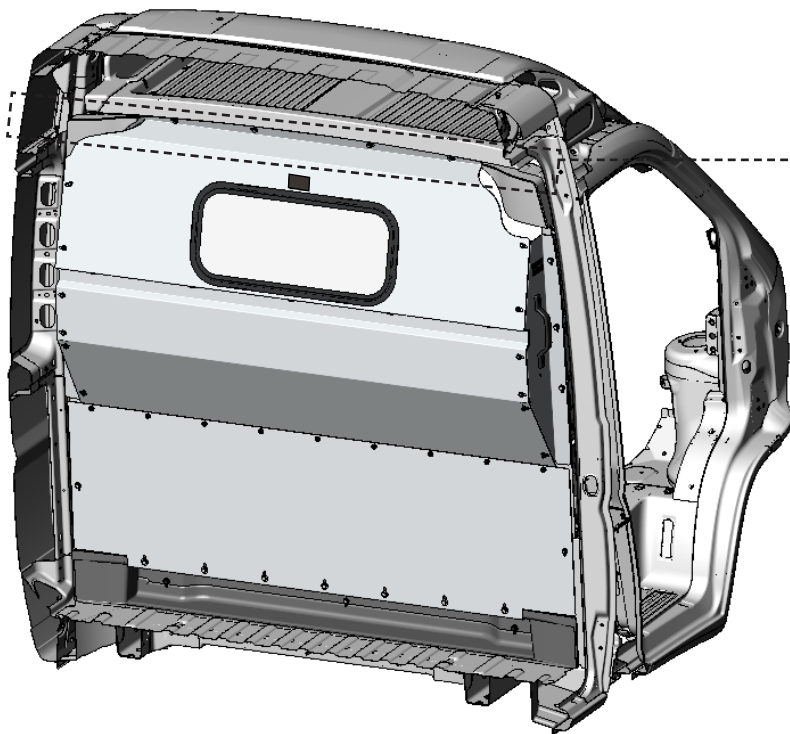
- Cordless Impact
- 7/16" Socket

HARDWARE USED

2x

-  #90-130 Hex Bolt 1/4" x 2"
-  #98-118 Lock Washer
-  #98-112 Flat Washer
-  #99-102 Spacer
-  #98-158 Retaining Washer

2.3.2 Top partition installation



TOOLS

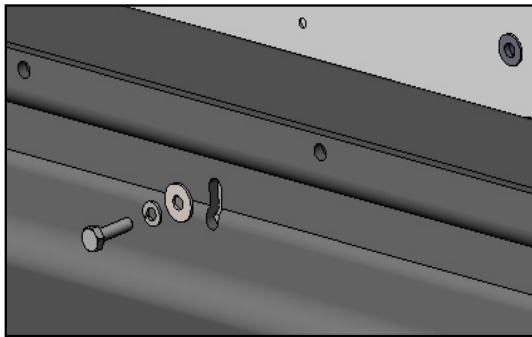
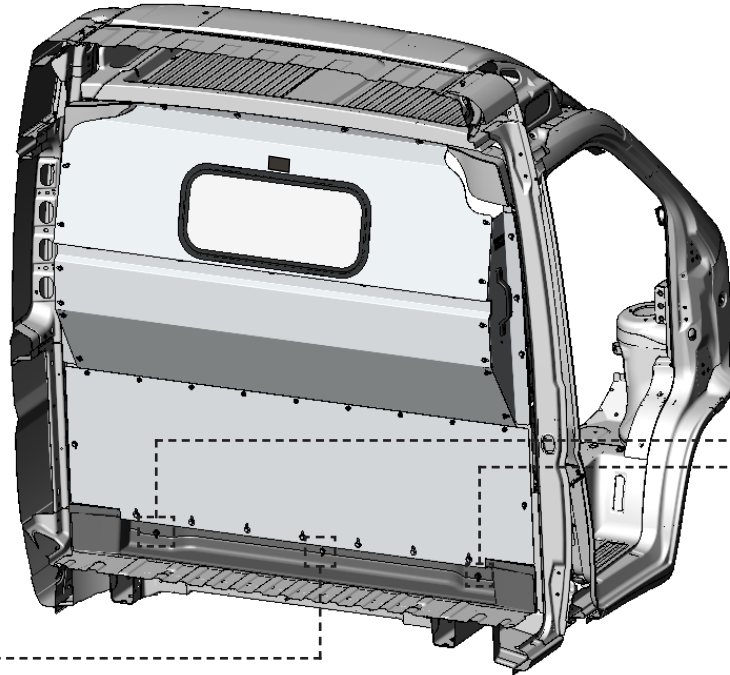
- Cordless Impact
- 7/16" Socket

HARDWARE USED

4x

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

2.3.3 Plastic floor cavity installation.



TOOLS

- ☐ Cordless Impact
- ☐ 7/16" Socket

HARDWARE USED

1x



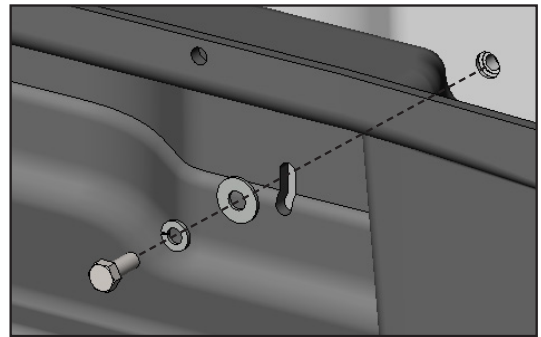
#90-118 Hex Bolt 1/4" x 1-1/4"



#98-118 Lock Washer



#98-112 Flat Washer



TOOLS

- ☐ Cordless Impact
- ☐ 13mm Socket

HARDWARE USED

2x



#90-666 Hex Bolt M8 x 20

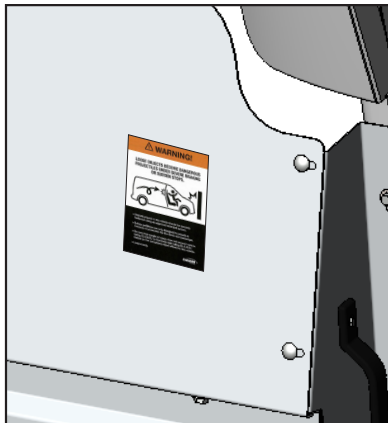
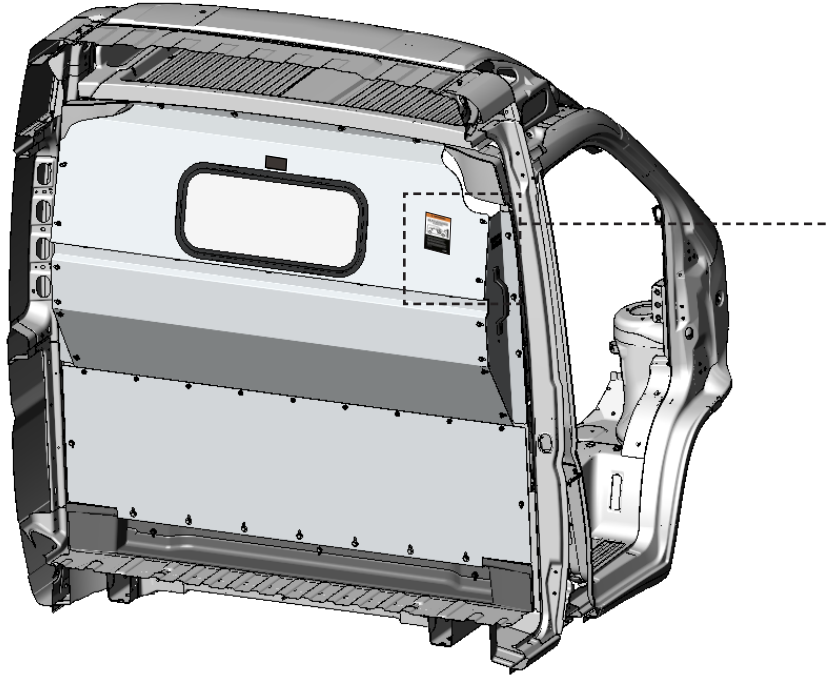


#98-122 Lock Washer

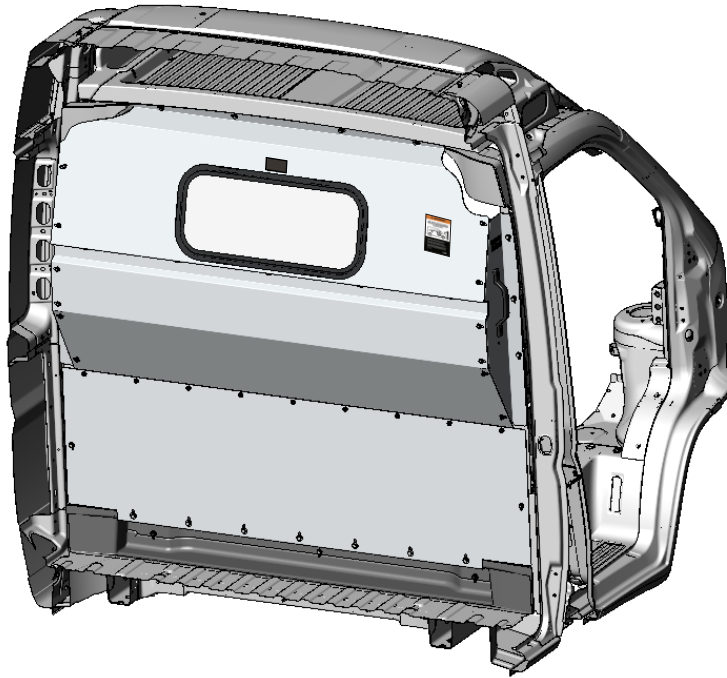


#98-116 Flat Washer

2.3.4 Apply the warning label on the top partition.



NOTE: English warning label is already attached on the upper panel.



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

Thank you for doing business with us.”

