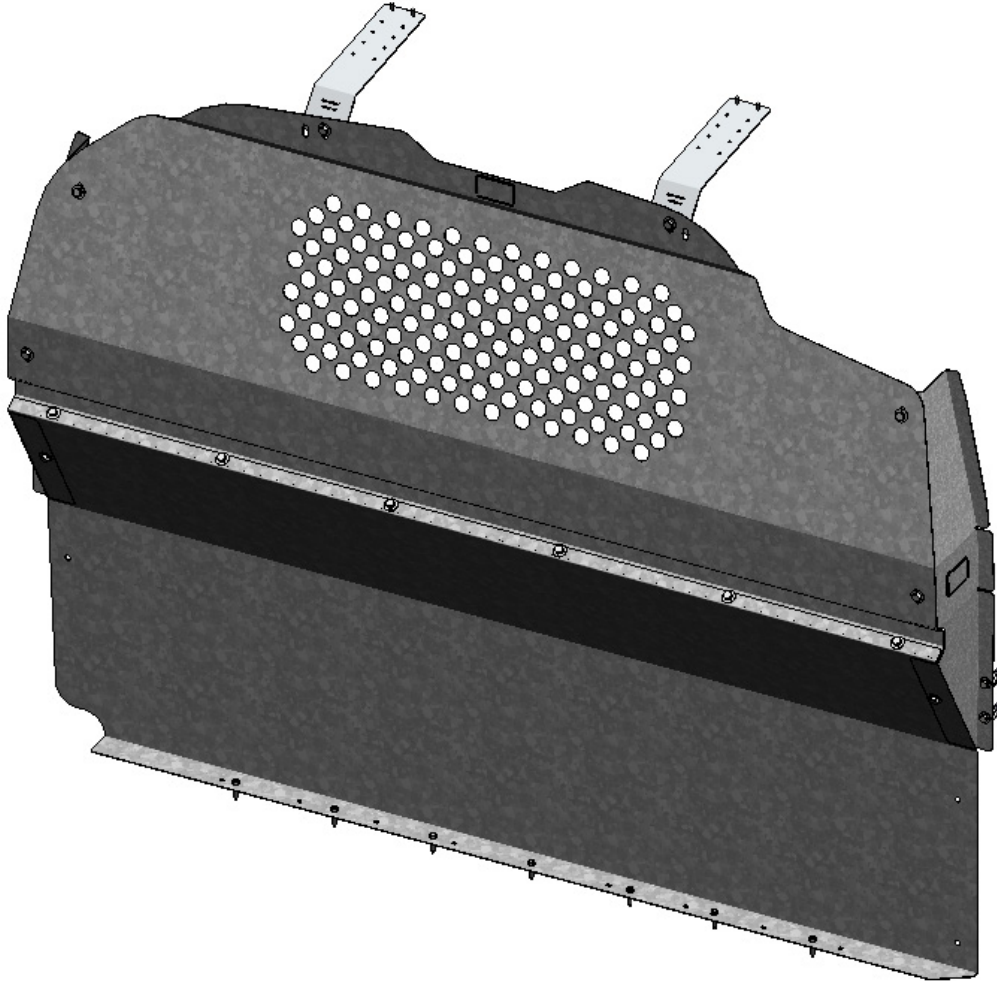


INSTALLATION GUIDE



C10-H CONTOURED PARTITION

Chevrolet Express / GMC Savana (Perforated Window, Steel)

RANGER
DESIGN

QUICK START GUIDE

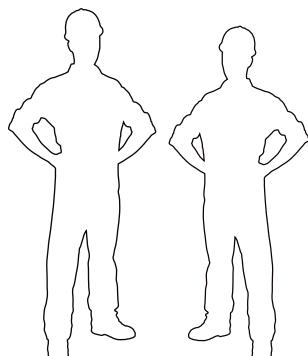
Phase 1 - Assembly

❑ 1.1 Setup.....	3
❑ 1.1.1 Unpack components; compare with the bill of materials.....	3
❑ 1.1.2 Verify all parts are present.....	3
❑ 1.1.3 Identify the assembly and installation fastener bags.....	4
❑ 1.2 Partition assembly.....	5
❑ 1.2.1 Remove all the PVC from all the parts, then attach the upper panel to the lower panel.....	5
❑ 1.2.2 Attach the edge trim on the contour of the partition.....	5
❑ 1.2.3 Attach both ceiling brackets on the upper panel and attach both wings to the upper and lower panels.....	6

Phase 2 - Installation

❑ 2.1 Tips on how to attach a plusnut.....	7
❑ 2.1.1 Attach plusnut using plusnut gun.....	7
❑ 2.1.2 Attach plusnut using 6490 plusnut tool.....	7
❑ 2.2 Vehicle preparation.....	8
❑ 2.2.1 Driver and passenger sides preparation.....	8
❑ 2.3 Contoured partition installation.....	9
❑ 2.3.1 Attach both wings to the van.....	9
❑ 2.3.2 Screw the lower panel to the van floor and attach both ceiling brackets to the van.....	10
❑ 2.3.3 Apply the warning label on the upper panel.....	11

REQUIRED ITEMS



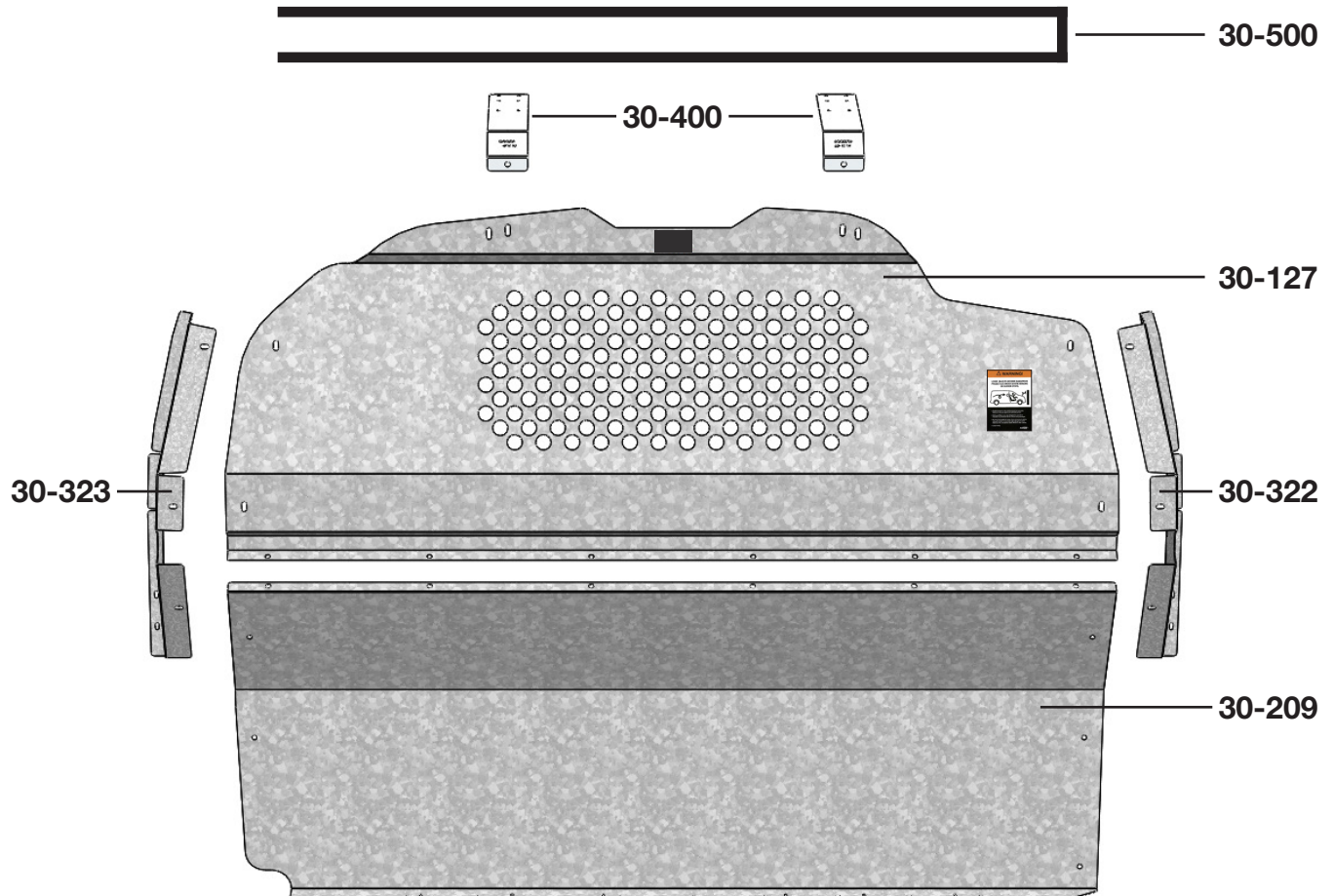
**2
PERSONS**

- ❑ Cordless Driver
- ❑ Cordless Impact
- ❑ Cordless Drill
- ❑ Cutter
- ❑ Mallet
- ❑ Marker
- ❑ Plusnut Tool
- ❑ R2 Square Driver Bit
- ❑ 3/8" Driver Bit
- ❑ 7/16" Socket
- ❑ 1/2" Socket
- ❑ 9/16" Wrench
- ❑ 1" 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.
30-127	Upper Perforated Panel	1
30-209	Lower Panel	1
30-322	Passenger Side Wing	1
30-323	Driver Side Wing	1
30-400	Ceiling Bracket	2
30-500	Edge Trim (QTY in Inches)	174
79-932	Bilingual Warning Label	1
94-3044	Assembly Fastener Bag	1
96-3030	Installation Fastener Bag	1

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

Assembly Fastener Bag

14x		# 90-204	Hex Bolt 5/16"-18 x 3/4" GR-5 ZINC
14x		# 94-116	Serrated Nut 5/16"-18 ZINC
14x		# 98-116	Flat Washer 5/16", 7/8" OD ZINC

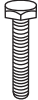
Hardware Assembly

14x		#90-204 Hex Bolt 5/16" x 3/4"
		#98-116 Flat Washer
		#94-116 Serrated Nut

Installation Fastener Bag

4x		# 90-130	Hex Bolt 1/4"-20 x 2" GR-5 ZINC
7x		# 92-104	Hex Screw #14 x 1-1/4" GR-5 ZINC
4x		# 92-174	Screw Round Head #10 x 3/4" ZINC
4x		# 94-130	Plusnut .250
4x		# 98-112	Flat Washer 1/4", 3/4" OD ZINC
4x		# 98-118	Lock Washer Regular 1/4" ZINC
8x		# 98-157	Spacer 0.375" ID, x 1.0" OD x 0.25" L NYLON
4x		# 98-158	Retaining Washer M16 (1/4") NYLON

Hardware Assembly

4x		#90-130 Hex Bolt 1/4" x 2"
		#98-118 Lock Washer
		#98-112 Flat Washer
		#98-157 Spacers (2)
		#94-130 Plusnut .250
		#94-130 Plusnut .250

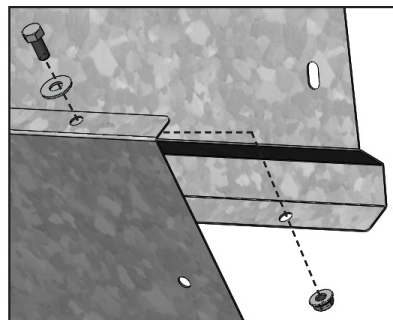
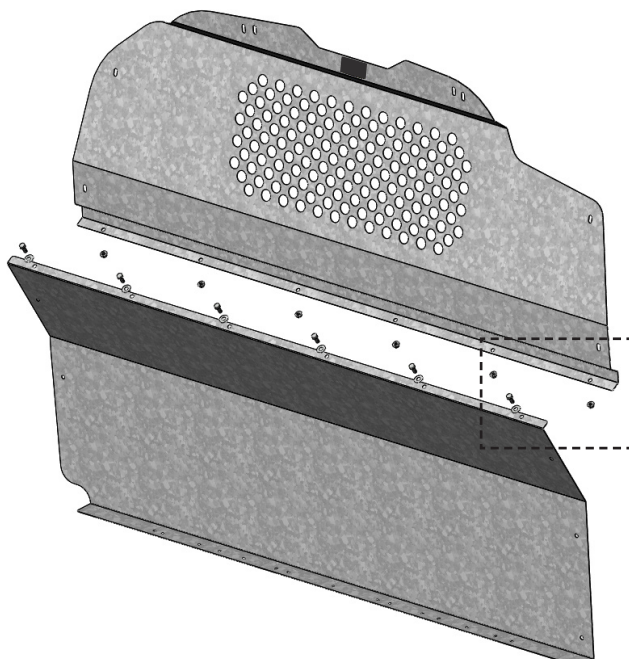
7x		#92-104 Hex Screw #14 x 1-1/4"
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4x		#92-174 Screw #10 x 3/4"
----	--	--------------------------

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
- ☐ Knife
- ☐ 1/2" Socket

HARDWARE USED

6x



#90-204 Hex Bolt 5/16" x 3/4"

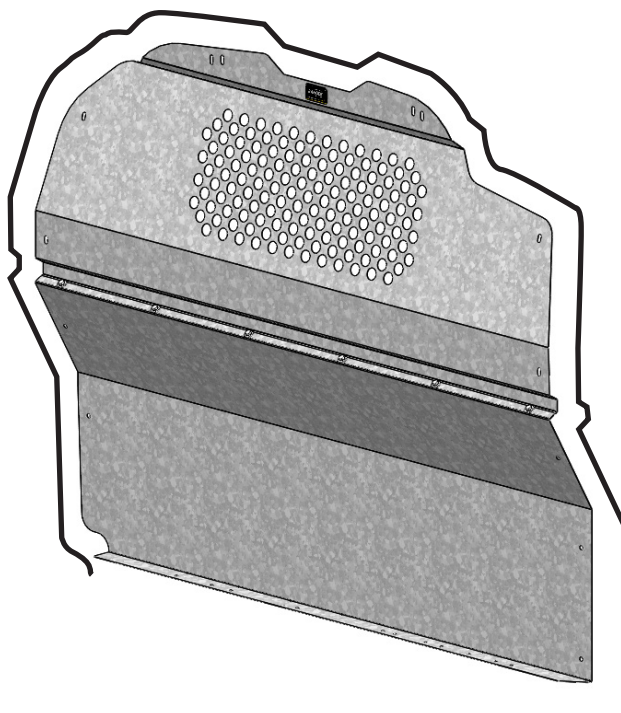


#98-116 Flat Washer



#94-116 Serrated Nut

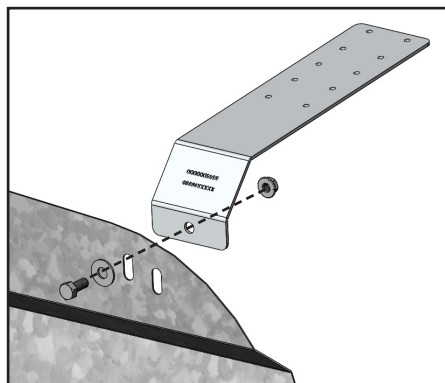
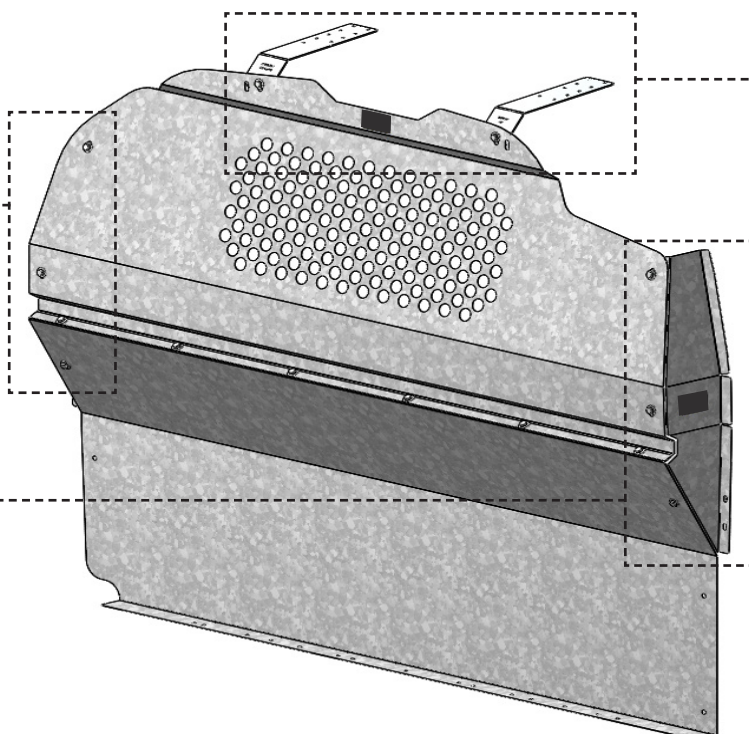
1.2.2 Attach the edge trim on the contour of the partition.



TOOLS

- ☐ Mallet
- ☐ Cutter

- 1.2.3** • Attach both ceiling brackets on the upper panel
- Attach both wings to the upper and lower panels.



TOOLS

- Cordless Impact
- 1/2" Socket

HARDWARE USED

2x



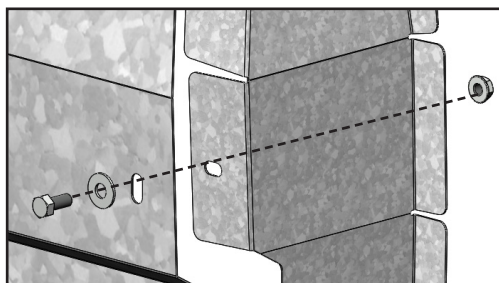
#90-204 Hex Bolt 5/16" x 3/4"



#98-116 Flat Washer



#94-116 Serrated Nut



HARDWARE USED

6x



#90-204 Hex Bolt 5/16" x 3/4"



#98-116 Flat Washer



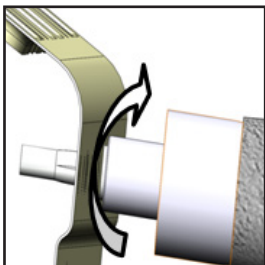
#94-116 Serrated Nut

PHASE 2 – INSTALLATION

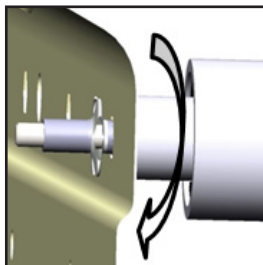
2.1 TIPS ON HOW TO ATTACH A PLUSNUT

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

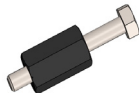


REVERSE

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 x 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

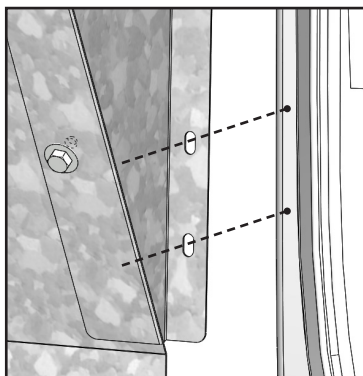
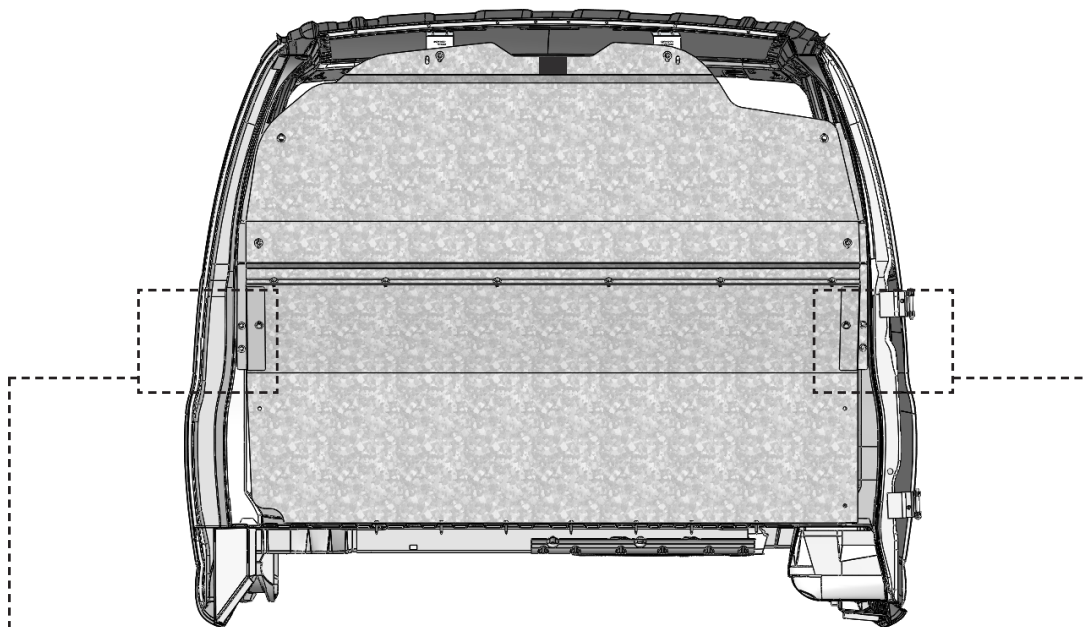


REVERSE

PHASE 2 – INSTALLATION

2.2 VEHICLE PREPARATION

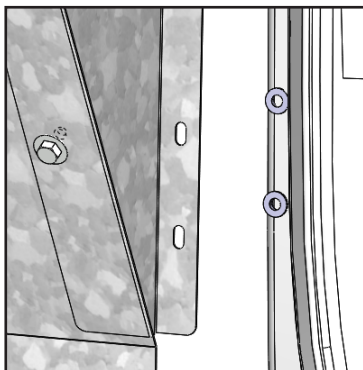
2.2.1 Driver and passenger sides preparation.



- Lift the partition in the van.
- Mark the 4 holes of both wings on the plastic cover of the van.
- Pull the plastic cover to ensure that's nothing in the way before drilling.
- Use a 1" hole saw to drill through the plastic.

TOOLS

- ☐ Marker
- ☐ 1" Hole Saw
- ☐ Cordless Drill



- Drill 3/8" dia on van using the center of the hole on the plastic cover as a template.
- Attach plusnuts in the 4 holes.

TOOLS

- ☐ Plusnut Tool
- ☐ Cordless Drill
- ☐ 3/8" Drill Bit

HARDWARE USED

4x

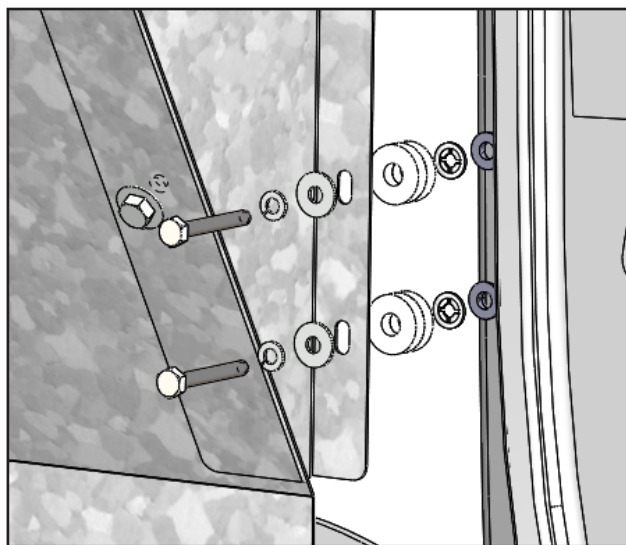
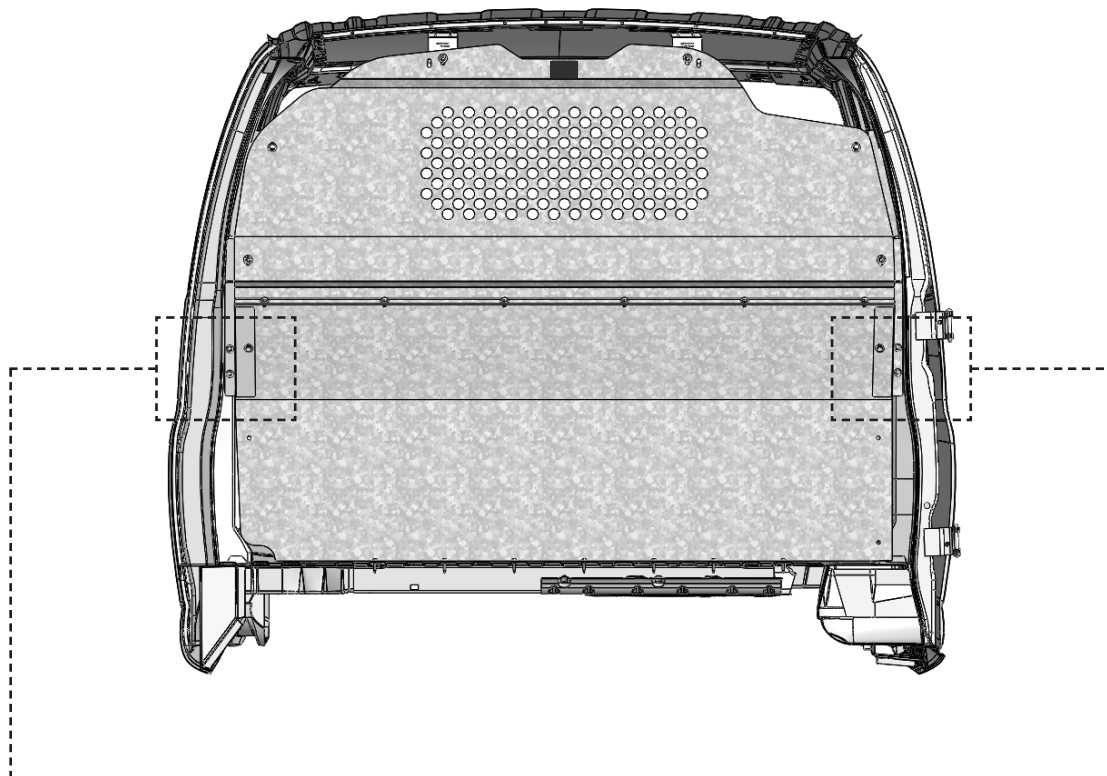


#94-130 Plusnut .250

PHASE 2 – INSTALLATION

2.3 CONTOURED PARTITION INSTALLATION

2.3.1 Attach both wings to the van.



TOOLS

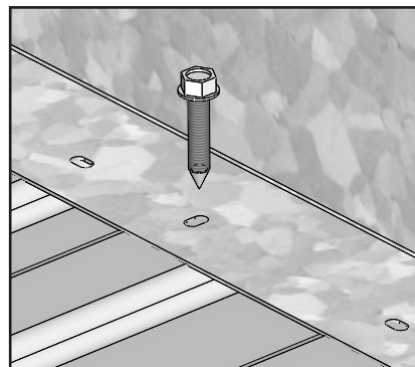
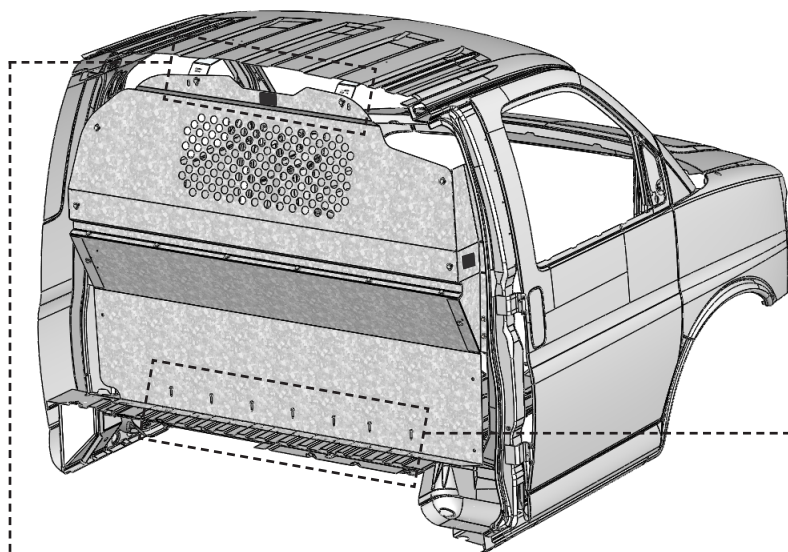
- Cordless Impact
- 7/16" Socket

HARDWARE USED

4x

-  #90-130 Hex Bolt 1/4" x 2"
-  #98-118 Lock Washer
-  #98-112 Flat Washer
-  #98-157 Spacers (2)
-  #94-130 Plusnut .250
-  #94-130 Plusnut .250

- 2.3.2** • Screw the lower panel to the van floor.
 • Attach both ceiling brackets to the van.



TOOLS

- ☐ Cordless Driver
- ☐ 3/8" Driver Bit

HARDWARE USED

7x



#92-104 Hex Screw #14 x 1-1/4"

NOTE: Align the screws with the plastic plugs in the van.



TOOLS

- ☐ Cordless Driver
- ☐ R2 Square Driver

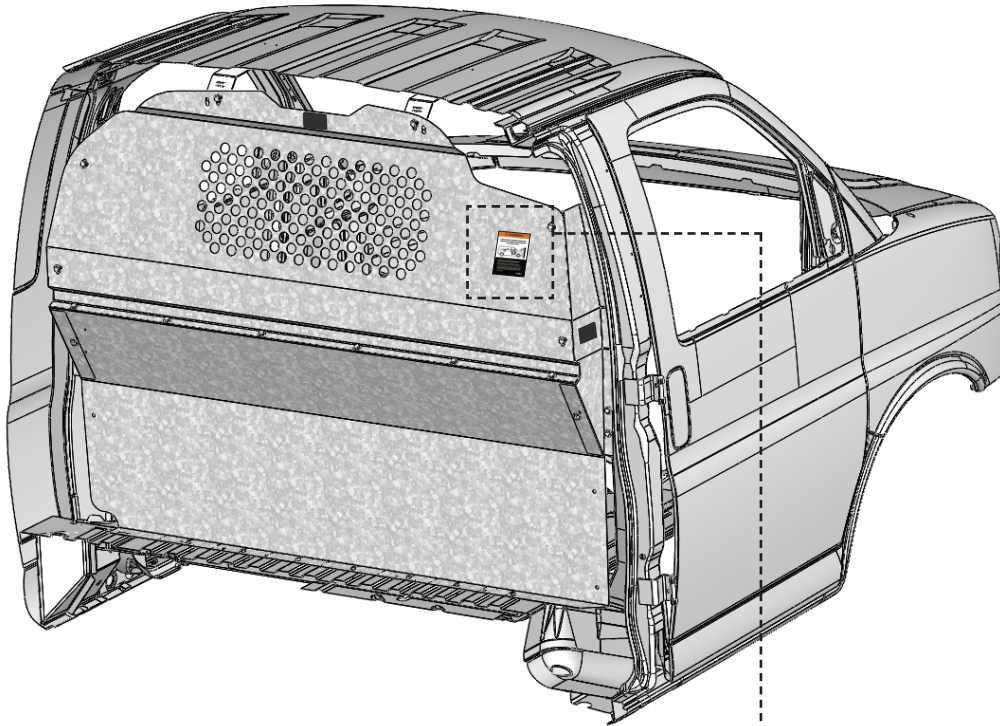
HARDWARE USED

4x

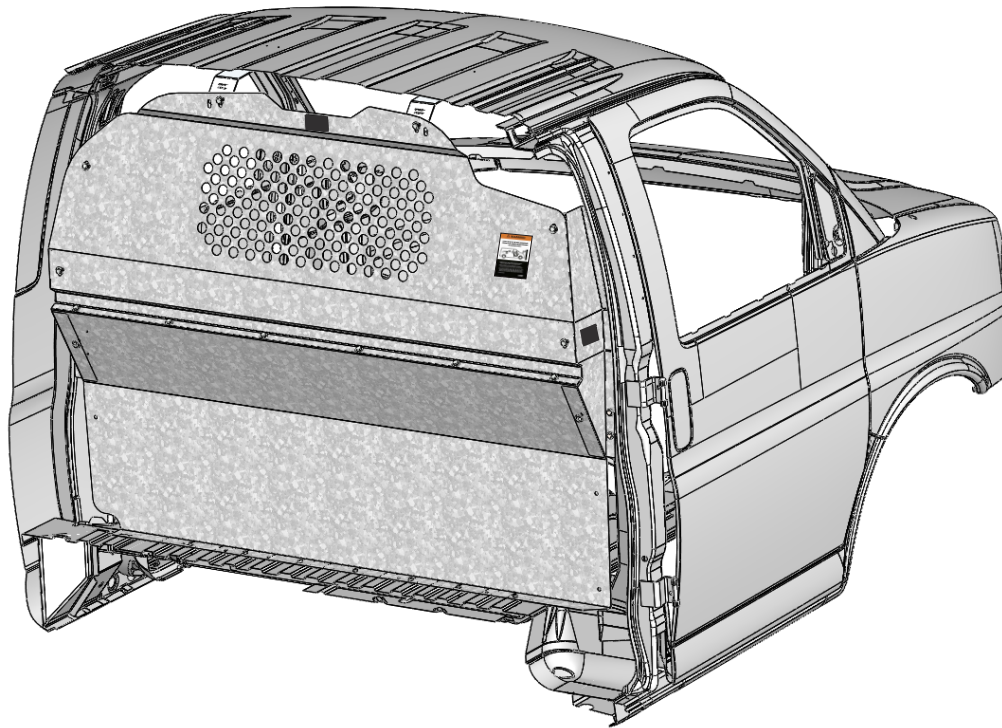


#92-174 Screw #10 x 3/4"

2.3.3 Apply the warning label on the upper panel.



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



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

Thank you for doing business with us.”

