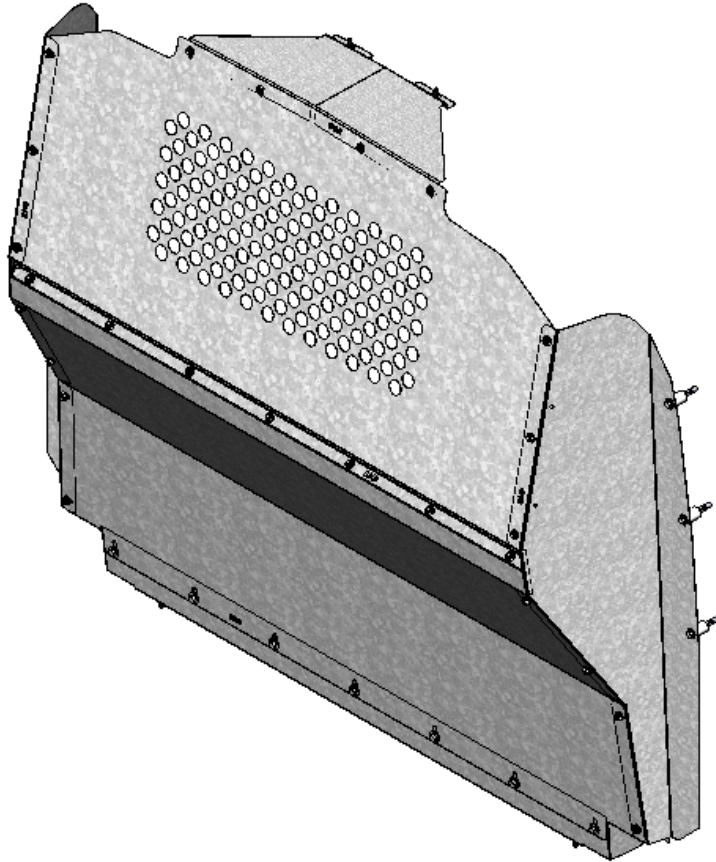


INSTALLATION GUIDE



C10-MM CONTOURED PARTITION

Metris Partition (Perforated Window, Steel)



QUICK START GUIDE

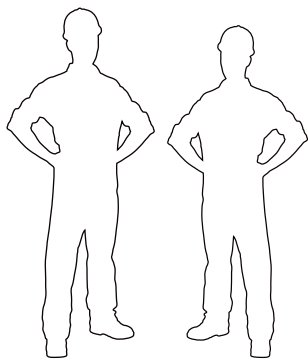
Phase 1 - Assembly

- ❑ 1.1 Setup..... 3 - 4
- ❑ 1.2 Partition assembly..... 5 - 6

Phase 2 - Installation

- ❑ 2.1 Tips on how to attach a plusnut..... 7
- ❑ 2.2 Vehicle preparation..... 8 - 9
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REQUIRED ITEMS



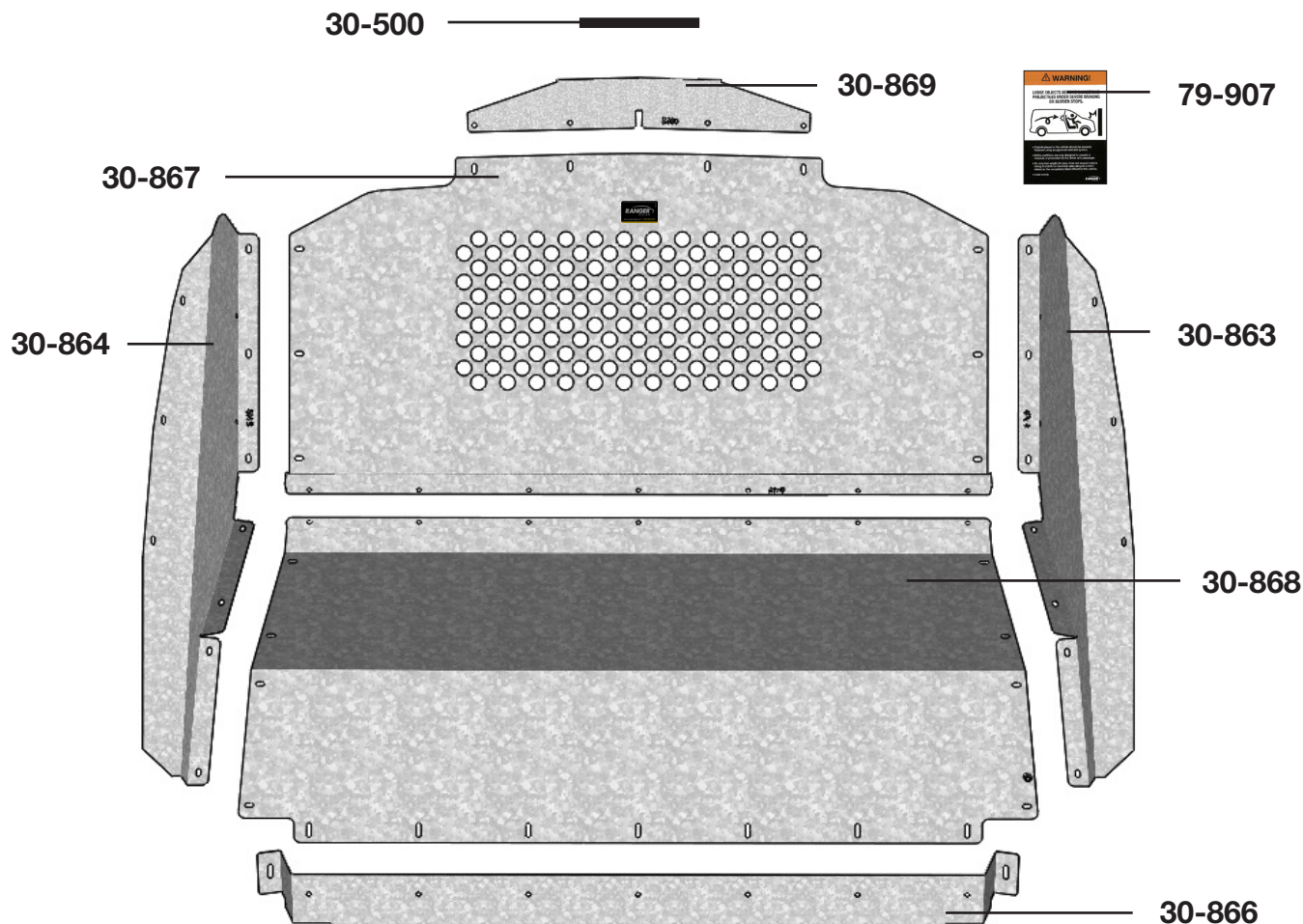
2
PERSONS

- ❑ Cordless Impact
- ❑ Cordless Drill
- ❑ Cutter
- ❑ Mallet
- ❑ Marker
- ❑ Plusnut Tool
- ❑ Socket Wrench
- ❑ Step Drill
- ❑ 3/8" Drill Bit
- ❑ 7/16" Socket
- ❑ 1/2" Socket
- ❑ 9/16" Wrench
- ❑ 1" Hole Saw
- ❑ 10mm Socket
- ❑ 13mm Socket
- ❑ T40 Torque 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.
30-500	Edge Trim (QTY in Inches)	8
30-863	Passenger Side Wing	1
30-864	Driver Side Wing	1
30-866	Floor Bracket	1
30-867	Upper Perforated Panel	1
30-868	Lower Panel	1
30-869	Butterfly Shape Bracket	1
79-907	Warning Label	1
94-3004	Assembly Fastener Bag	1
96-3004	Installation Fastener Bag	1

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

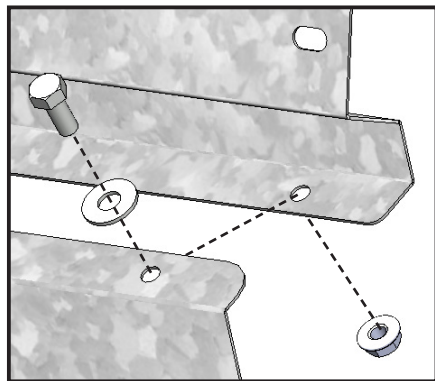
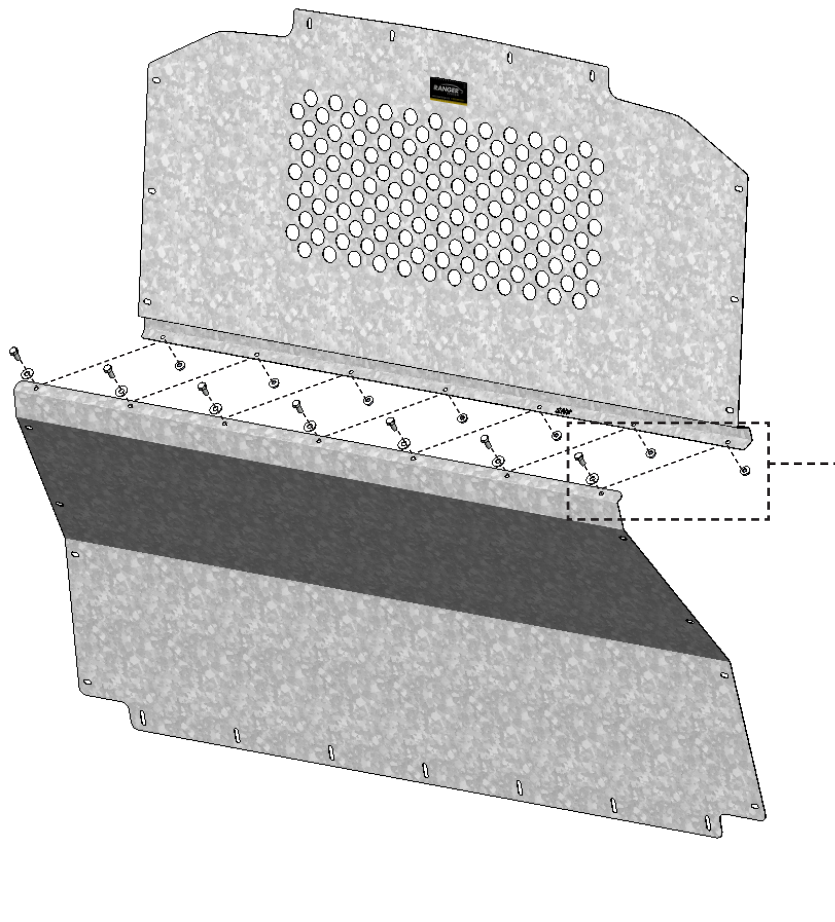
Assembly Fastener Bag			Hardware Assembly
4x		# 90-108 Hex Bolt 1/4"-20 x 5/8" GR-5 ZINC	4x  #90-108 Hex Bolt 1/4" x 5/8"  #98-112 Flat Washer  #94-112 Serrated Nut
14x		# 90-200 Hex Bolt 5/16"-18 x 1/2" GR-5 ZINC	
14x		# 90-204 Hex Bolt 5/16"-18 x 3/4" GR-5 ZINC	
4x		# 94-112 Serrated Nut 1/4"-20 ZINC	14x  #90-200 Hex Bolt 5/16" x 1/2"  #98-116 Flat Washer  #94-116 Serrated Nut
28x		# 94-116 Serrated Nut 5/16"-18 ZINC	
4x		# 98-112 Flat Washer 1/4", 3/4" OD ZINC	
28x		# 98-116 Flat Washer 5/16", 7/8" OD ZINC	14x  #90-204 Hex Bolt 5/16" x 3/4"  #98-116 Flat Washer  #94-116 Serrated Nut

Installation Fastener Bag			Hardware Assembly
6x		# 90-130 Hex Bolt 1/4"-20 x 2" GR-5 ZINC	6x  #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
2x		# 90-668 Hex Bolt M8-1.25 x 40 CL 8.8 DIN 933 BLACK OXIDE	
2x		# 90-824 Hex Bolt M6-1.00 x 20 CL 12.9 DIN 933 BLACK OXIDE	
6x		# 94-130 Plusnut .250	
10x		# 98-112 Flat Washer 1/4", 3/4" OD ZINC	
2x		# 98-116 Flat Washer 5/16", 7/8" OD ZINC	2x  #90-668 M8 x 40  #98-122 Lock Washer  #98-116 Flat Washer
10x		# 98-118 Lock Washer Regular 1/4" ZINC	
2x		# 98-122 Lock Washer Regular 5/16" ZINC	2x  #90-824 M6 x 20  #98-118 Lock Washer  #98-112 Flat Washer
6x		# 98-158 Retaining Washer M16 (1/4") NYLON	
6x		# 99-102 Spacer 0.323" ID x 0.750" OD x 1.125" NYLON	

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"

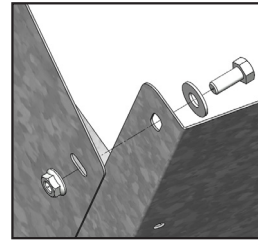
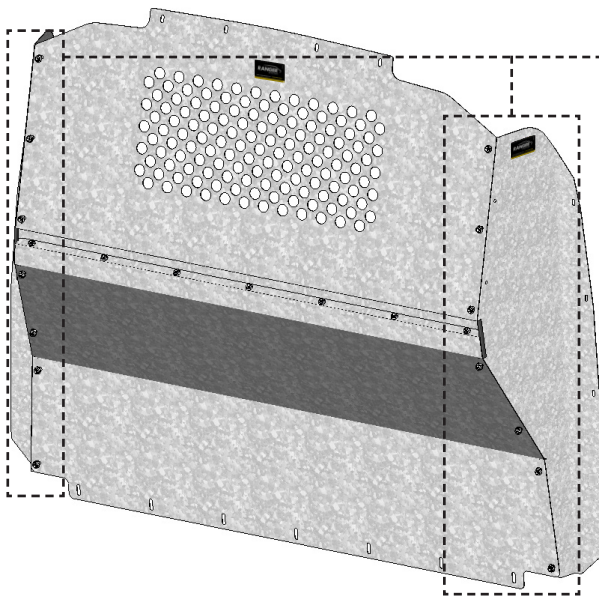


#98-116 Flat Washer



#94-116 Serrated Nut

1.2.2 Attach both wings to the upper and lower panels.



TOOLS

- ☐ Cordless Impact
- ☐ 1/2" Socket

HARDWARE USED

14x



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

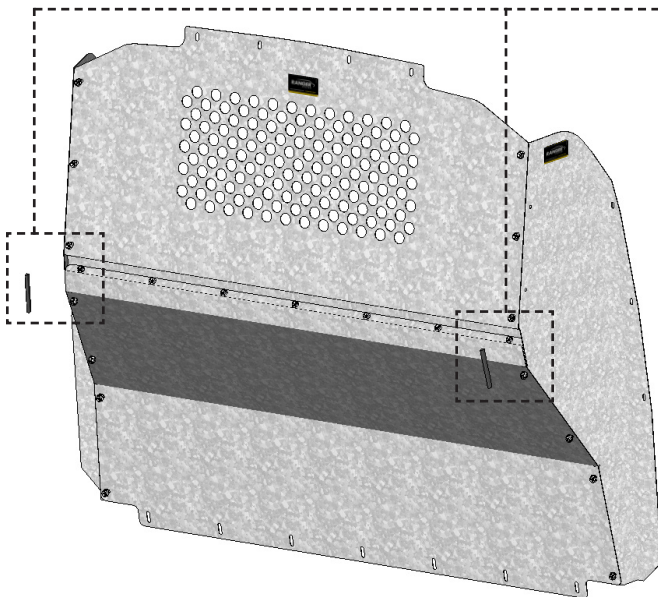


#98-116 Flat Washer



#94-116 Serrated Nut

1.2.3 Attach the edge trims on the wings.



TOOLS

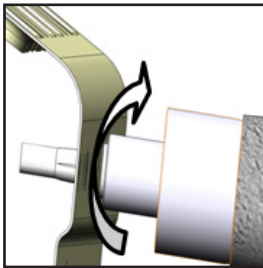
- ☐ Mallet
- ☐ Cutter

PHASE 2 – INSTALLATION

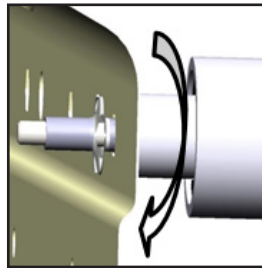
2.1 TIPS ON HOW TO ATTACH A PLUSNUT

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

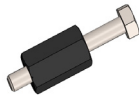


REVERSE

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 x 3/4" OD

TOOLS

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

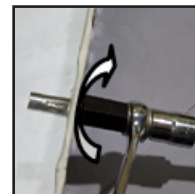
TIPS STEP 1:

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

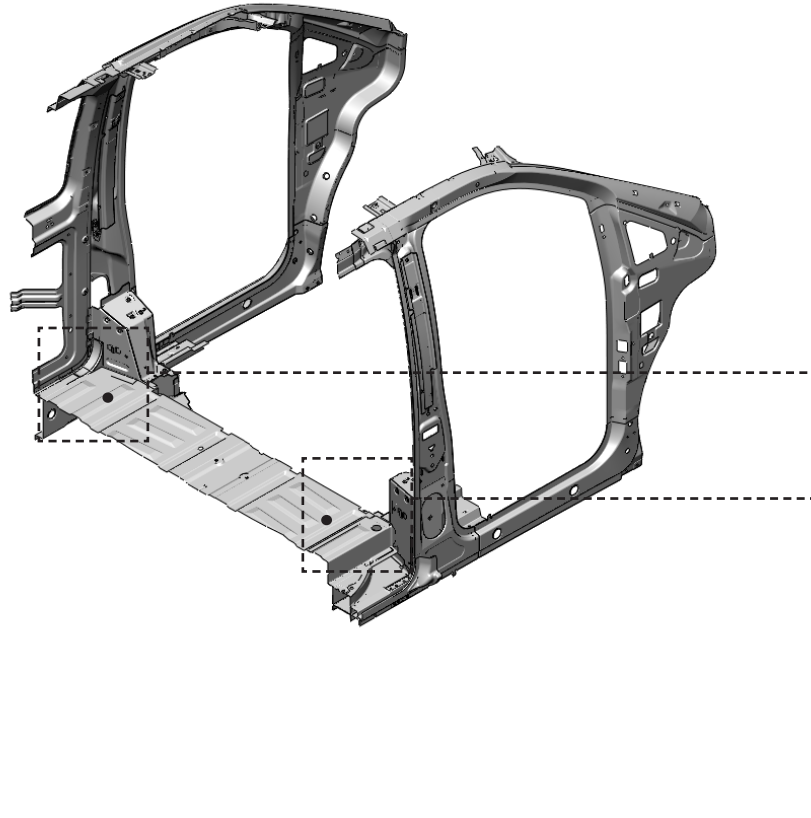


REVERSE

PHASE 2 – INSTALLATION

2.2 VEHICLE PREPARATION

2.2.1 Floor preparation.



Remove the 2 D-rings and the 2 torque bolts on the floor.

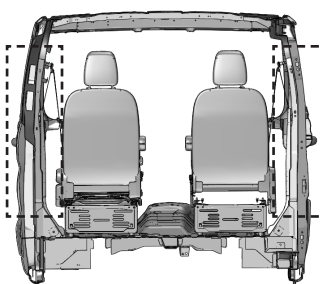
Remove

TOOLS

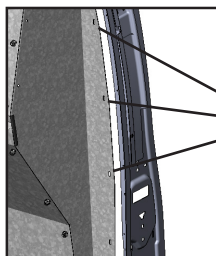
- ☐ Cordless Impact
- ☐ T40 Torque Bit

2.2.2 Driver and passenger sides preparation.

NOTE: Be careful of the wire or any parts that hide at the back of the B-pillar.



Put the assembled partition in place and put 6 marks on the plastic covers through the 3 holes of both sides of the assembled partition.



TOOLS

- ☐ Marker

MARKS

Put the assembled partition on the side, then drill the marks on the plastic cover using a 1" hole saw.



TOOLS

- ☐ 1" Hole Saw
- ☐ Cordless Drill

Use a 3/8" drill or step drill to enlarge and to make holes in the van.



TOOLS

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

NOTE: Use the assembled partition as a template when making the holes to have accurate locations.

Attach plusnuts in the 6 holes.



TOOLS

- ☐ Plusnut Tool

HARDWARE USED

6x

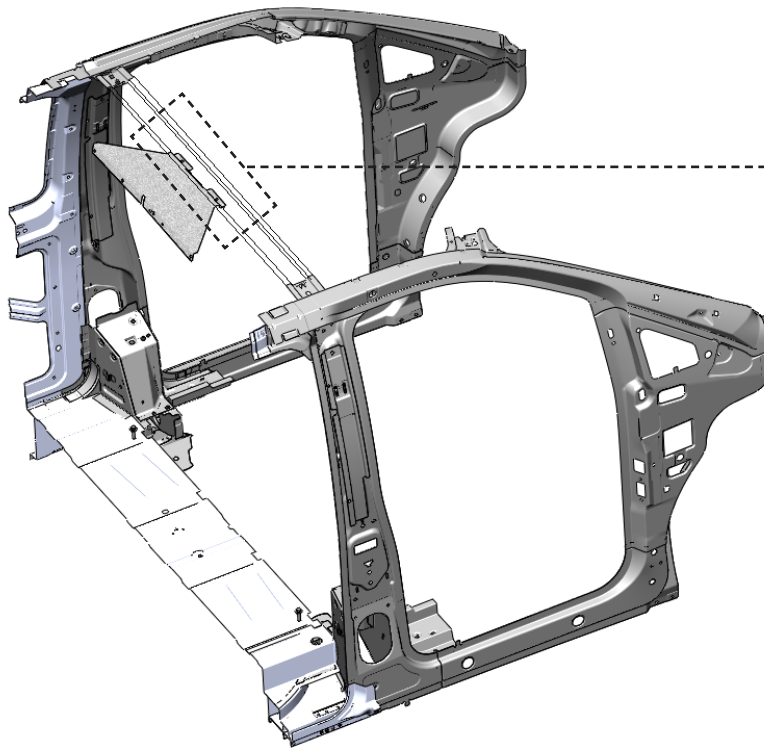


94-130
Plusnut .250

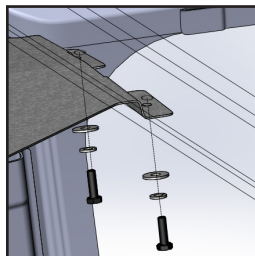
PHASE 2 – INSTALLATION

2.3 CONTOURED PARTITION INSTALLATION

2.3.1 Butterfly shape bracket installation.



Pull the headliner down, then attach the ceiling bracket using the 2 threaded holes.



TOOLS

- Socket Wrench
- 10mm Socket

HARDWARE USED

2x



#90-824 M6 x 20

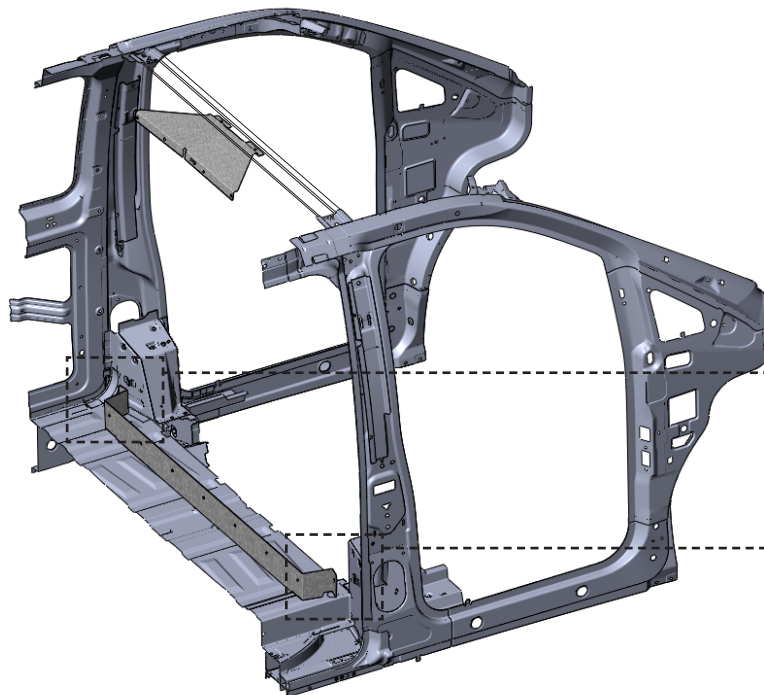


#98-118 Lock Washer



#98-112 Flat Washer

2.3.2 Floor bracket installation.



Attach both ends of the floor bracket on van using the D-ring bolts.

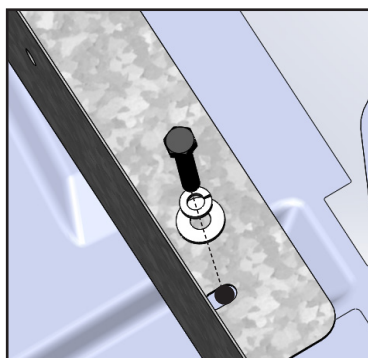
TOOLS

- ☐ Cordless Impact
- ☐ T40 Torque Bit

HARDWARE USED

2x

Use the D-ring Bolts



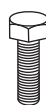
Bolt the floor bracket to the floor of the van.

TOOLS

- ☐ Cordless Impact
- ☐ 13mm Socket

HARDWARE USED

2x



#90-668 M8 × 40

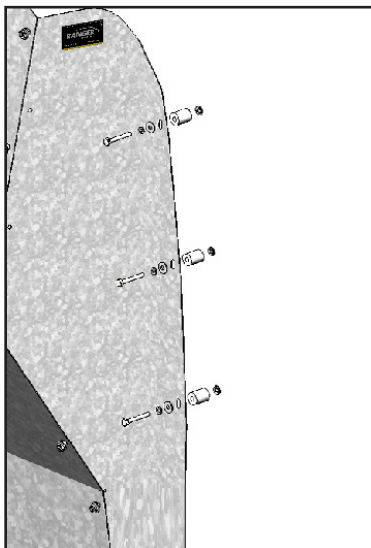
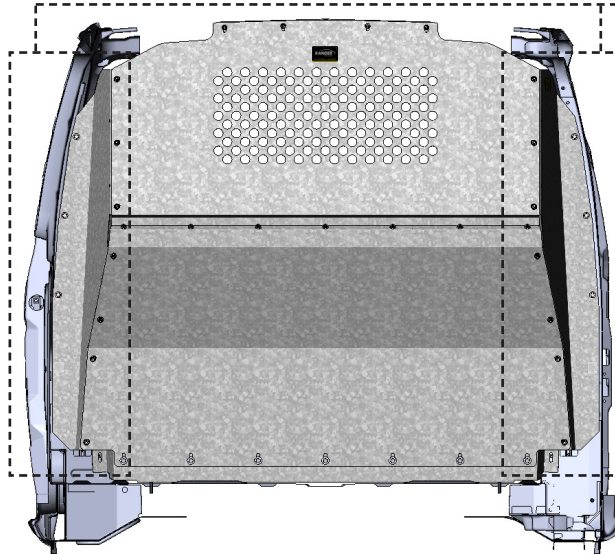


#98-122 Lock Washer



#98-116 Flat Washer

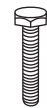
2.3.3 Attach both wings to the van.



Put a bolt, lock washer, flat washer, spacer and a retaining washer in the holes of both wings.

HARDWARE USED

6x



#90-130 Hex Bolt 1/4" x 2"



#98-118 Lock Washer



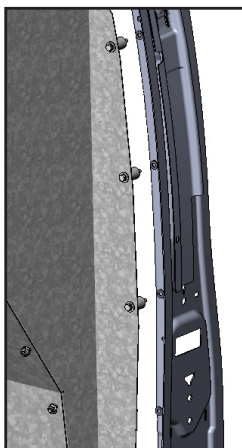
#98-112 Flat Washer



#99-102 Spacer



#98-158 Retaining Washer

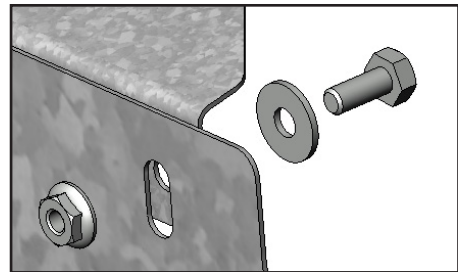
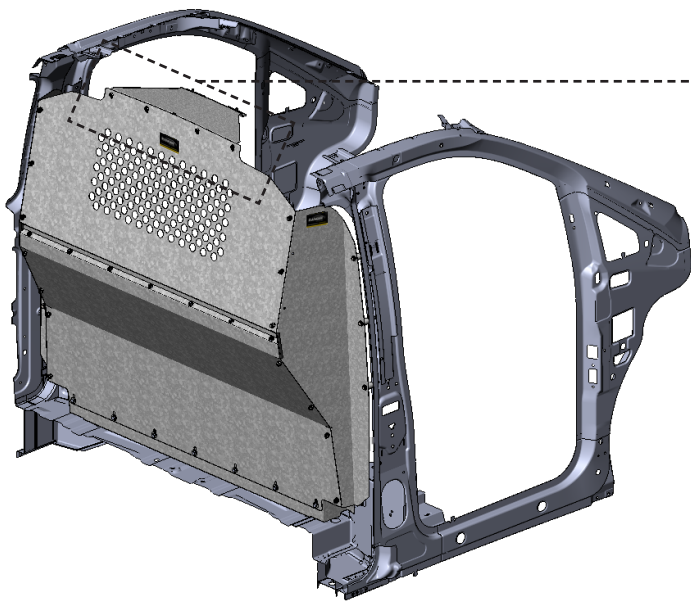


Attach both wings using the hex bolts into the plusnuts.

TOOLS

- ☐ Cordless Impact
- ☐ 7/16" Socket

2.3.4 Attach the upper panel to the butterfly shape bracket.



TOOLS

- Cordless Impact
- 7/16" Socket

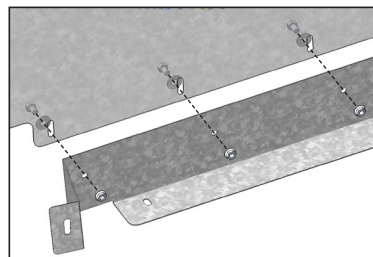
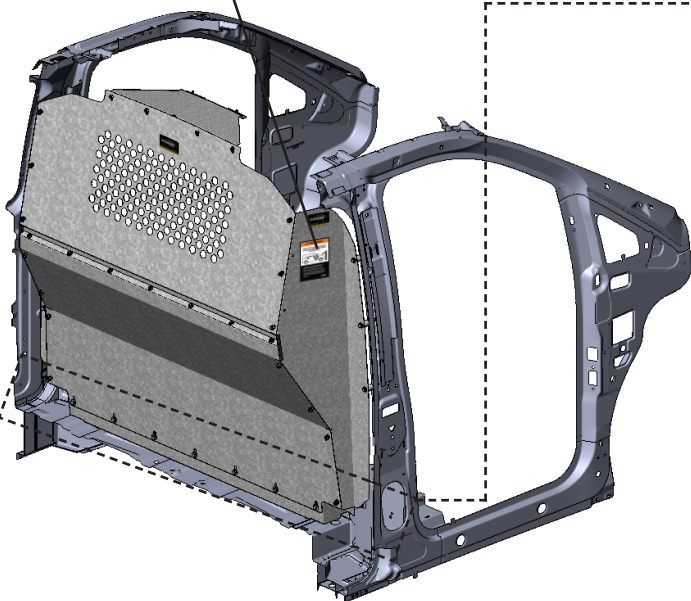
HARDWARE USED

4x

- | | |
|--|------------------------------|
| | #90-108 Hex Bolt 1/4" x 5/8" |
| | #98-112 Flat Washer |
| | #94-112 Serrated Nut |

2.3.5 Attach the lower panel to the floor bracket, then attach the warning label.

WARNING LABEL



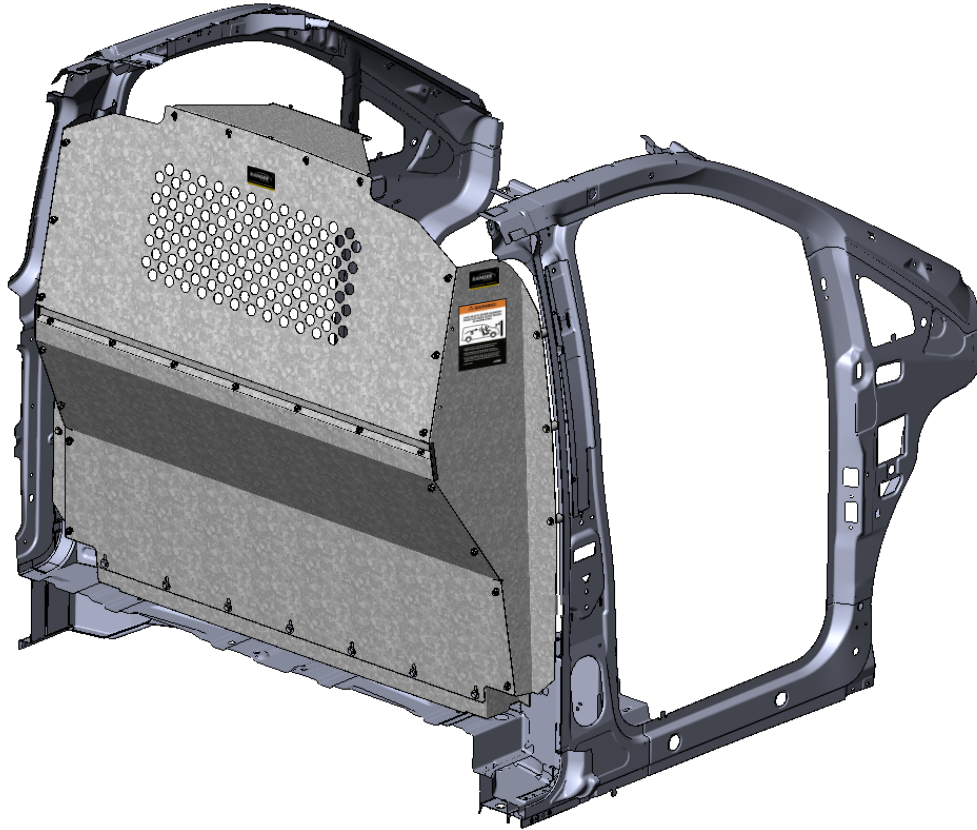
TOOLS

- 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 |



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

Thank you for doing business with us.”

