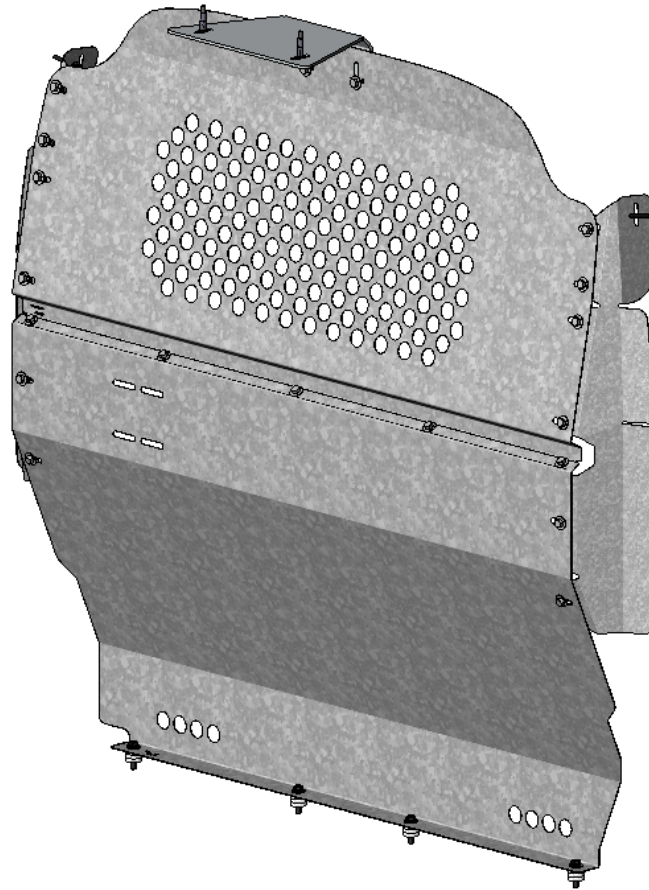


# INSTALLATION GUIDE



## C10-W CONTOURED PARTITION

Chevrolet City Express / Nissan NV200 ( Perforated Window, Steel )



Scan the QR for the latest Install-Guide.





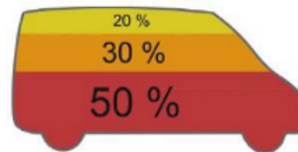
# BEFORE YOU BEGIN

READ, UNDERSTAND, AND FOLLOW ALL WARNINGS AND INSTRUCTIONS BEFORE USING THIS PRODUCT. FAILURE TO FOLLOW THESE DIRECTIONS MAY RESULT IN PROPERTY DAMAGE, SERIOUS BODILY INJURY, AND/OR DEATH. RANGER DESIGN IS NOT RESPONSIBLE FOR ANY PROPERTY DAMAGE, PERSONAL INJURY, OR DEATH THAT OCCURRED WHILE USING ANY RANGER DESIGN PRODUCTS.



## WARNING

- Failure to use Ranger Design-provided fasteners, brackets, and proper installation guidelines could increase risk of serious personal injury and/or death.
- If drilling is required to complete this installation: improper drilling can cause property damage to vehicles and could lead to electric shock, fire, or even death.
- If drilling is required to complete this installation: Ensure that drilling is only performed on areas of the vehicle allowed by the vehicle's Original Equipment Manufacturer's Body Builders Layout Book (or equivalent document).
- Prior to installation, inspect the vehicle to ensure that installation will not interfere with, or cause obstruction of, any critical components such as electrical wiring, fuel tanks, fuel-cells, locks, latches, etc.
- The installer or manufacturer is responsible for ensuring anchorages are installed onto suitable wall and floor structures; wall and floor strength must meet applicable performance requirements.
- Do not install systems into any weak or unsound materials such as plastics, woods, thin-walled metals, etc. without proper reinforcement.
- Do not install this product where it could interfere with the deployment of airbags. Failure to comply could result in death or serious injury.
- Do not install this product where it could ingress on the Transit Occupant Protection Zone. Failure to comply could result in death or serious injury.
- Incorrect installation could cause water leaks, electric shock or fire.
- Any cargo vehicle with any cargo or equipment should use a certified partition. See Ranger Design website for some partition options. (<https://rangerdesign.com/>)
- Mountings rails are recommended for any attachment to the vehicle walls.
- All items in the cargo area should be properly secured and partition doors closed while the vehicle is in motion.
- Check your vehicle's tare weight and remaining load capacity with all the equipment installed. Never exceed the maximum Gross Vehicle Weight Rating (GVWR), Gross Axle Weight Ratings (GAWRs), or other maximum loads permitted by the vehicle's Original Equipment Manufacturer (OEM) and required by law.
- The heaviest items must be placed towards the bottom of the vehicle, while the lightest ones can be arranged upwards. Vehicle cargo loading weight proportion should follow the following guidelines:



- The final alterer and/ or modifier should review the warning sheet with the customer before the vehicle is released to the customer or for general use. These instructions should remain with the vehicles a all times.
- Any modification or unintended use of this product voids any warranty and could create a hazardous condition.
- Ranger Design provides recommended assembly and installation instructions which should be followed to ensure correct operation. Failure to do so could result in invalidating the product's compliance, warranty and cause injury. Notwithstanding, the final stage vehicle alterer and/or modifier is responsible for the integration, installation, and compliance of the product in its final location to all applicable regulations and standards. Failure to maintain compliance of the vehicle to applicable regulations and standards could be punishable by law. Alterers and/or modifiers should consult with all local authorities prior to commissioning.



## CAUTION

- Drilling is required to complete this installation. Before drilling, ensure that you will not hit any critical parts of the vehicle like the gas tank, wiring harness, or hose. Consult the vehicle OEM documentation as necessary. When drilling, use a drill collar to reduce the risk of damage to the vehicle.
- Any materials, padding, or glazing installed in the vehicle must comply with FMVSS/CMVSS 201/205/302, as applicable.
- In the event of a motor vehicle accident or collision where a Ranger system has been installed, especially ones where the vehicle structure is damaged and/or the air bags deploy and/or the vehicle has been towed, the system must be inspected to ensure continued soundness and safety before returning the vehicle to service. Damaged components should be replaced as necessary.
- All system components should be regularly inspected, cleaned, and maintained pursuant to Ranger guidelines.

# QUICK START GUIDE

## Phase 1 - Assembly

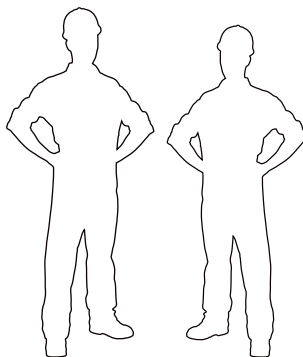
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# REQUIRED ITEMS

- Cordless Impact
- Cordless Drill
- Cutter
- Flat Screwdriver
- Mallet
- Marker
- Pliers
- Plusnut Tool
- 1/2" Socket
- 1" Hole Saw
- 10mm Socket
- 13mm Socket

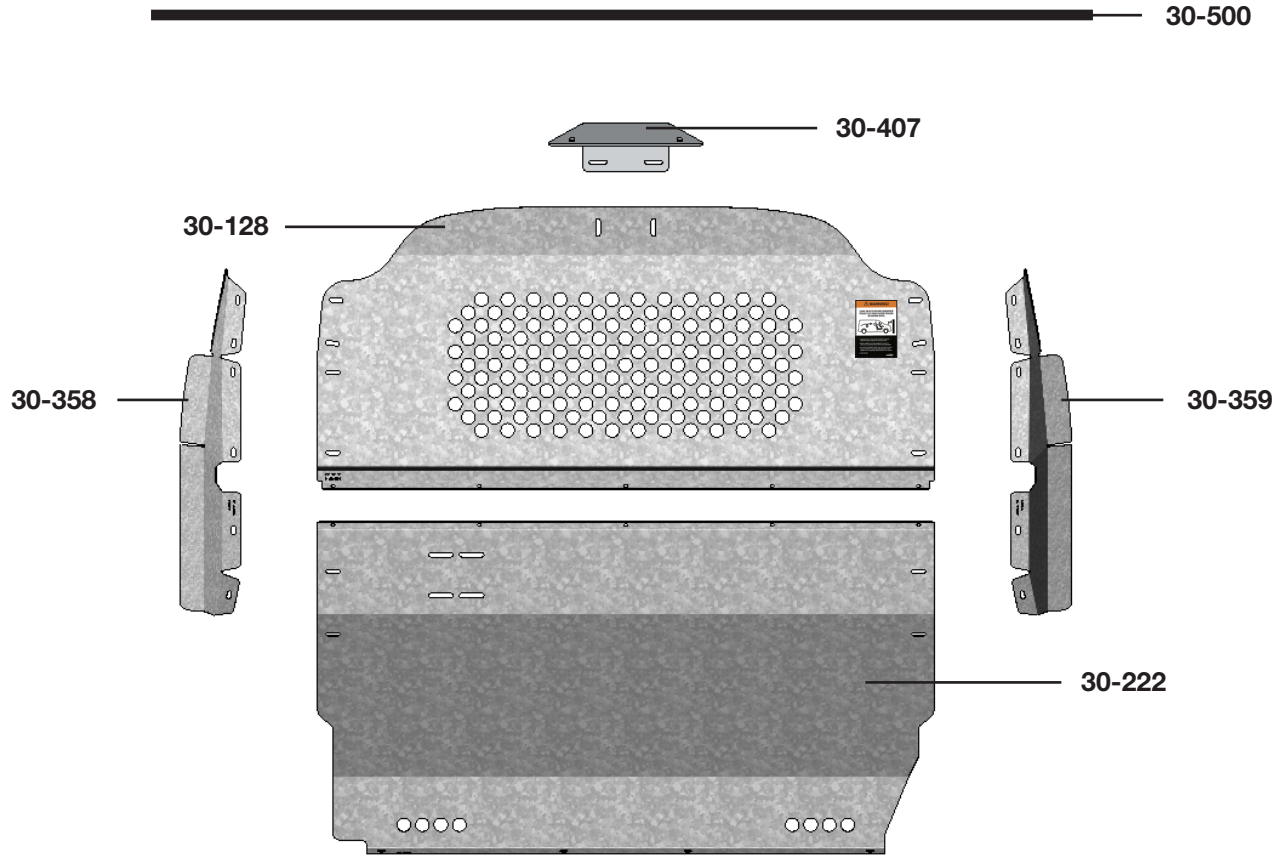


**2  
PERSONS**

# PHASE 1 – ASSEMBLY

## 1.1 SETUP

1.1.1 Unpack components; compare with the bill of materials.

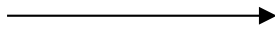


1.1.2 Verify all parts are present.





Item No.	Description	Qty.
30-128	Upper Panel	1
30-222	Lower Panel	1
30-358	Driver Side Bracket	1
30-359	Passenger Side Bracket	1
30-407	Ceiling Bracket	1
30-500	Edge Trim ( QTY in Inches )	160
79-932	Bilingual Warning Label	1
94-3015	Assembly Fastener Bag	1
96-3009	Installation Fastener Bag	1

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

### Assembly Fastener Bag



### Hardware Assembly

- 17x  # 90-200 Hex Bolt  
5/16"-18 x 1/2"  
GR-5 ZINC
- 2x  # 90-204 Hex Bolt  
5/16"-18 x 3/4"  
GR-5 ZINC
- 19x  # 94-116 Serrated Nut  
5/16"-18  
ZINC
- 19x  # 98-116 Flat Washer  
5/16", 7/8" OD  
ZINC

**17x**



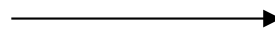
- #90-200 Hex Bolt 5/16" x 1/2"
- #98-116 Flat Washer
- #94-116 Serrated Nut

**2x**












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


### Installation Fastener Bag



### Hardware Assembly


- 4x  # 90-668 Hex Bolt  
M8-1.25 x 40 CL 8.8 DIN  
933 BLACK OXIDE
- 2x  # 90-840 Hex Bolt  
M6-1.00 x 50 CL 12.9 DIN  
933 BLACK OXIDE
- 2x  # 90-130 Hex Bolt  
1/4"-20 x 2"  
ZINC
- 2x  # 98-112 Flat Washer  
1/4", 3/4" OD  
ZINC
- 6x  # 98-116 Flat Washer  
5/16", 7/8" OD  
ZINC
- 2x  # 98-118 Lock Washer  
Regular 1/4"  
ZINC
- 6x  # 98-122 Lock Washer  
Regular 5/6"  
ZINC
- 12x  # 98-157 Spacer  
0.375" ID, x 1.0" OD x 0.25" LONG  
NYLON
- 2x  # 94-130 Plusnut

**4x**




- #90-668 Hex Bolt M8 x 40
- #98-122 Lock Washer
- #98-116 Flat Washer
- #98-157 Spacers ( 3 )

**2x**



- #90-840 Hex Bolt M6 x 50
- #98-118 Lock Washer
- #98-112 Flat Washer

**2x**

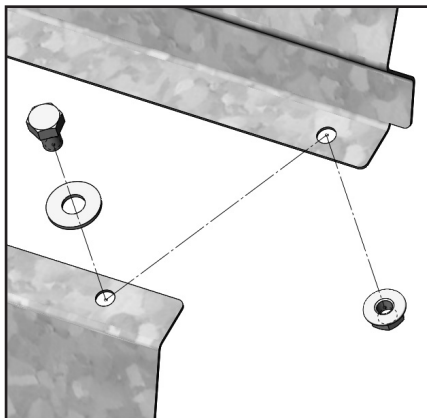
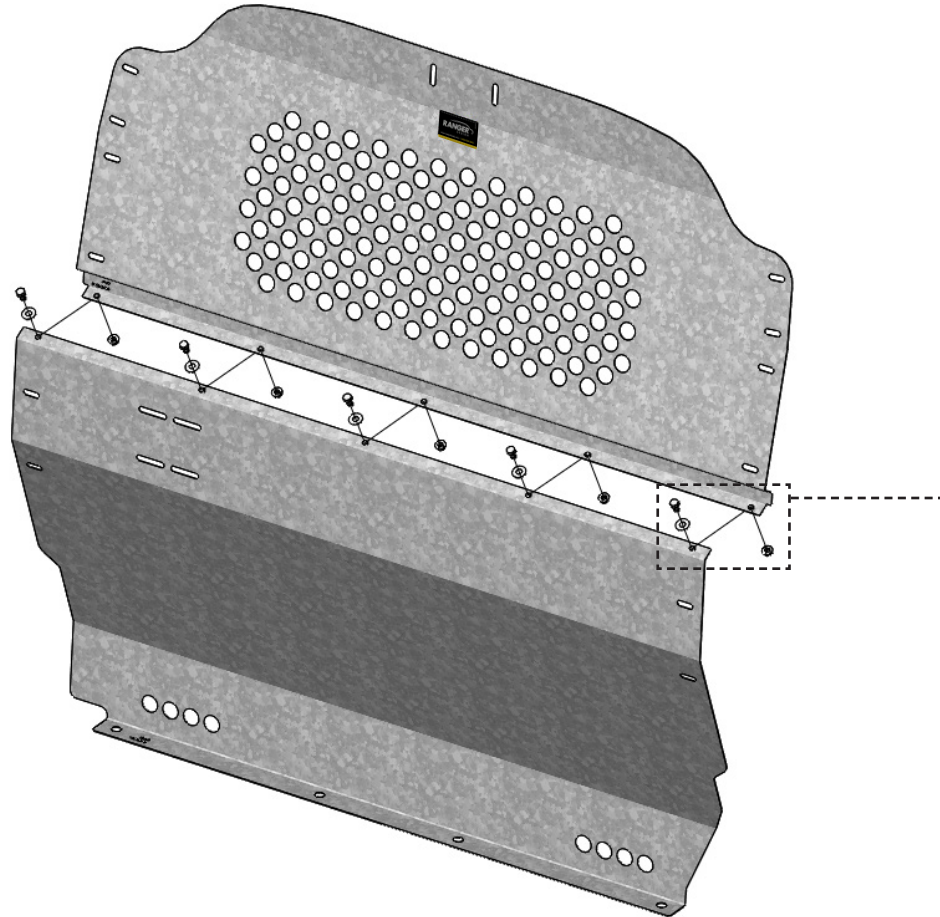


- #90-130 Hex Bolt 2"
- #98-118 Lock Washer
- #98-112 Flat Washer
- #94-130 Plusnut

# 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

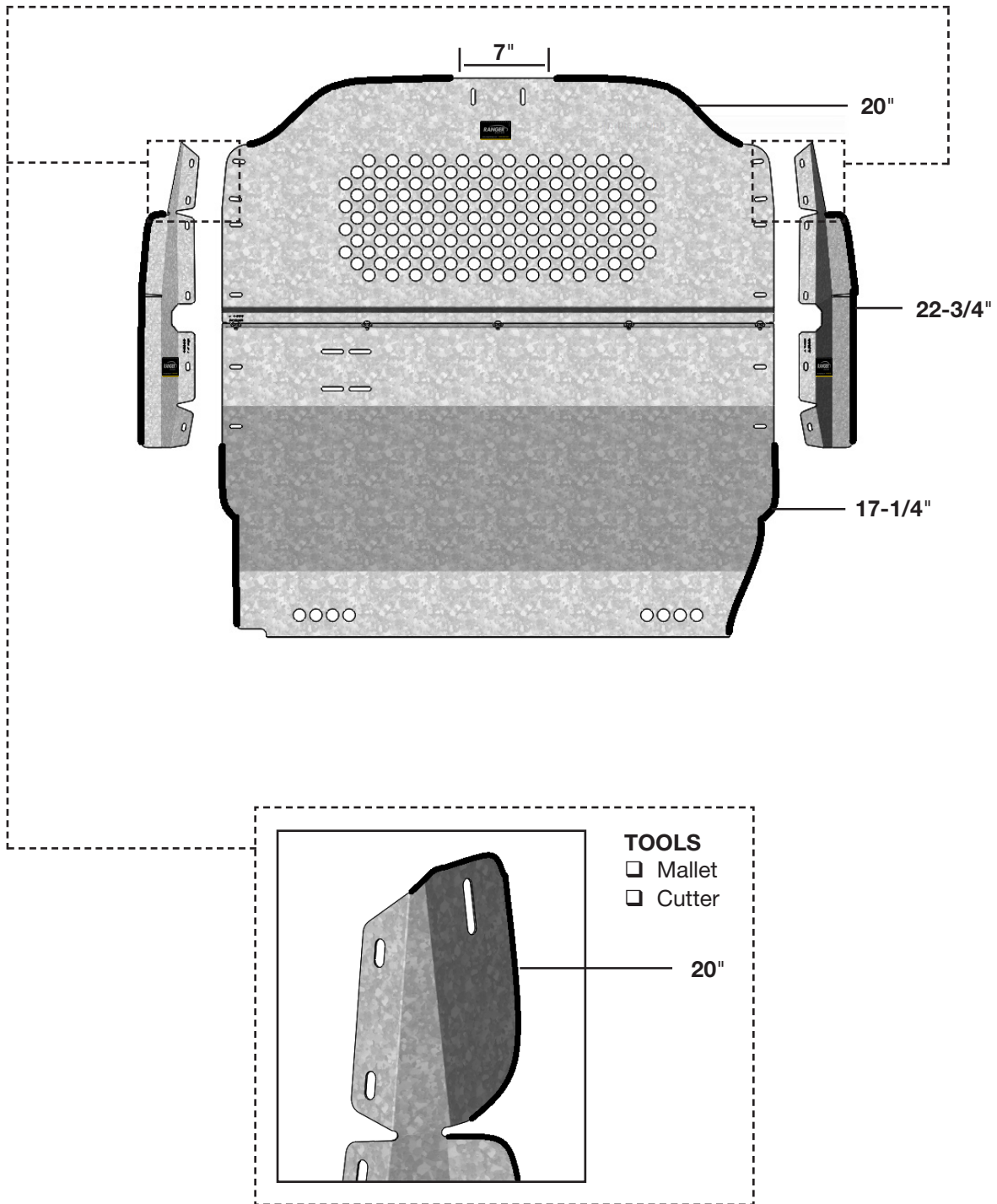
- Cordless Impact
- 1/2" Socket

### HARDWARE USED

5x

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

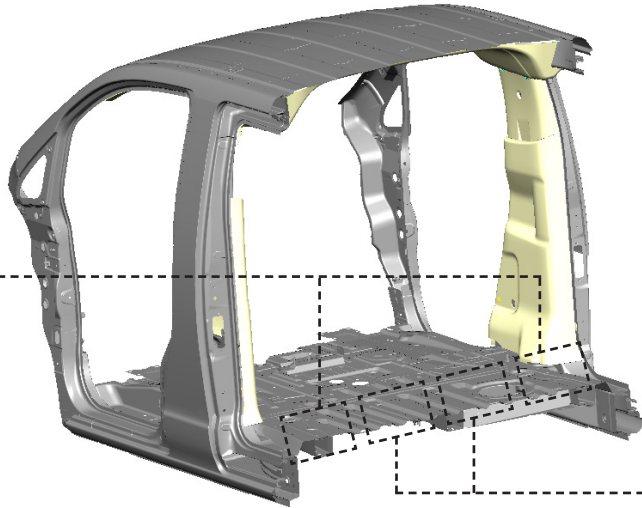
1.2.2 Attach the edge trims on these locations.



# PHASE 2 – INSTALLATION

## 2.1 VEHICLE PREPARATION

### 2.1.1 Floor preparation.



Remove the 2 D-rings on the floor.



#### TOOLS

- Cordless Impact
- 13mm Socket

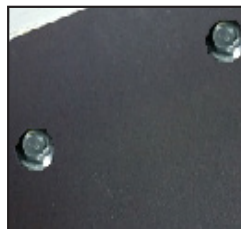
Pull the floor mat up, then put 2 marks on the floor mat on top of the 2 hex bolts.



#### TOOLS

- Marker

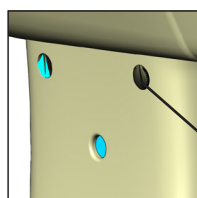
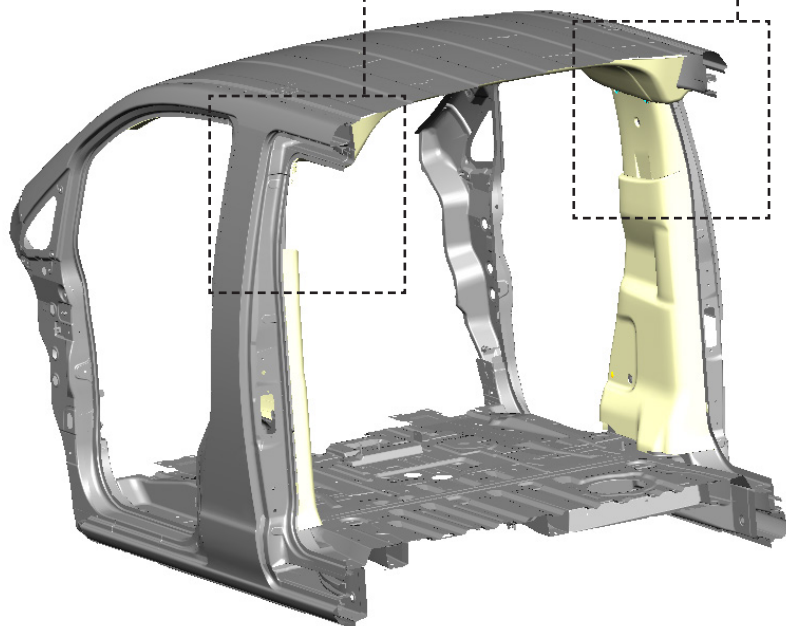
Drill or cut the 2 marks, then remove the 2 hex bolts on the floor.



#### TOOLS

- Cordless Impact
- Cordless Drill
- 1" Hole Saw
- 13mm Socket

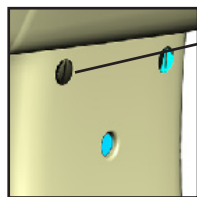
### 2.1.2 Driver and passenger sides preparation.



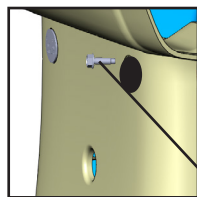
Remove the small plastic covers on the passenger and driver side panel.

**TOOLS**

- Flat screwdriver



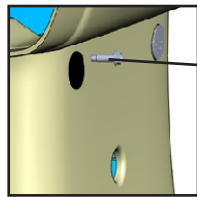
Remove



Remove the rear bolt under the plastic covers

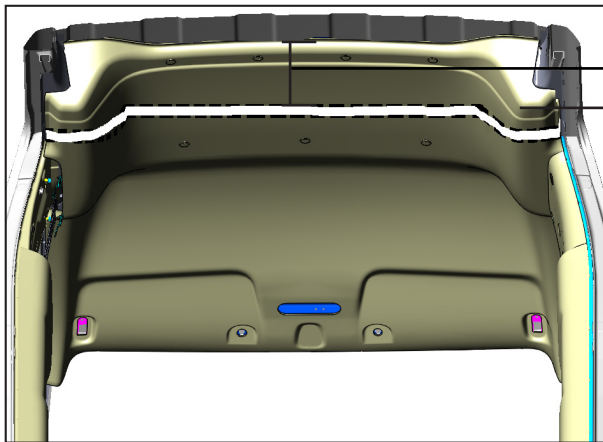
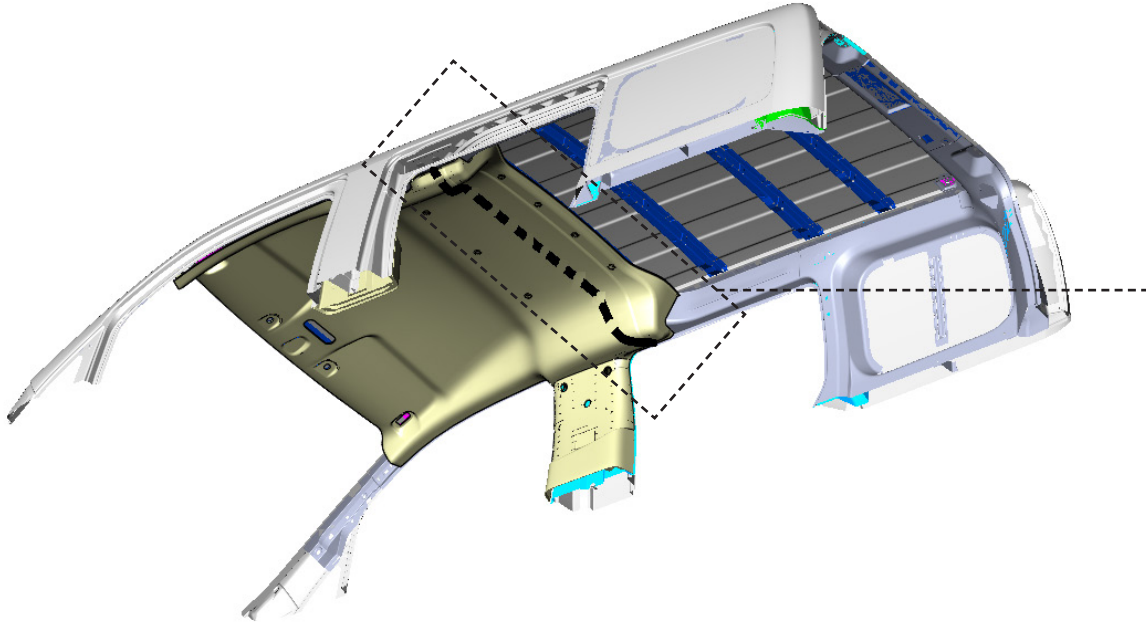
**TOOLS**

- Cordless Impact
- 10mm Socket



Remove

2.1.3 Remove the rear 9" of the headliner from driver to passenger side entirely.



4" wide  
Remove

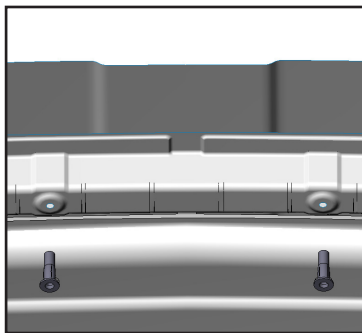
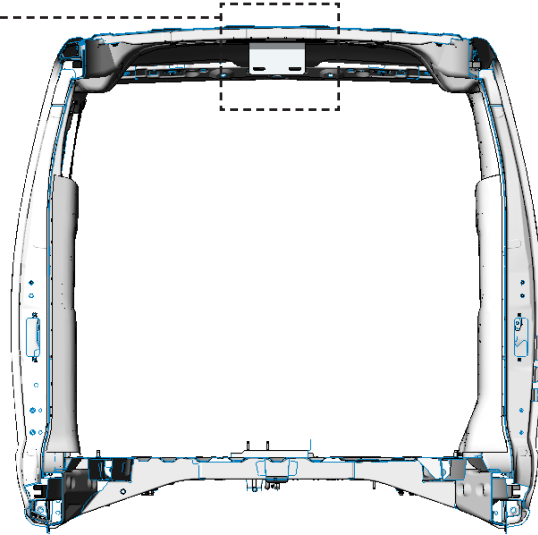
**NOTE:** Be careful of the wire or any parts that hide above the headliner.

**TOOLS**  
□ Cutter / Knife

# PHASE 2 – INSTALLATION

## 2.2 CONTOURED PARTITION INSTALLATION

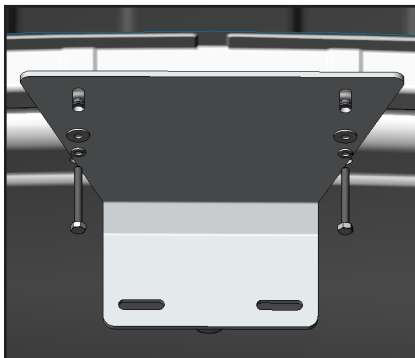
### 2.2.1 Ceiling bracket installation.



Attach plusnut on the 2 OEM holes.

#### TOOLS

- Plusnut Tool



Attach the ceiling bracket on the plusnuts.

#### TOOLS

- Cordless Impact
- 7/16" Socket

#### HARDWARE USED

**2x**



#90-130 Hex Bolt 2"



#98-118 Lock Washer

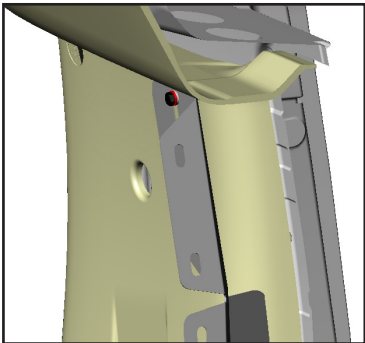
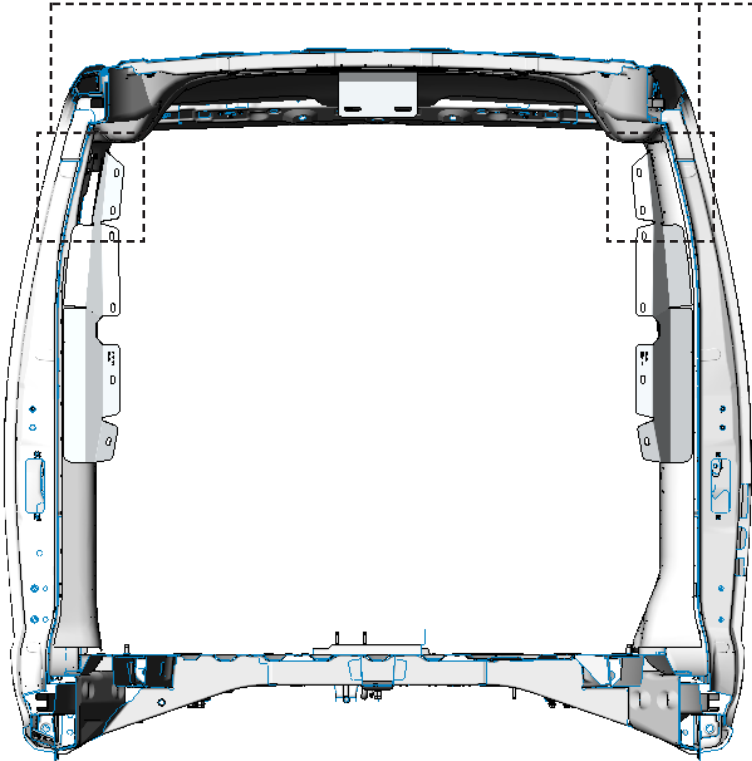


#98-112 Flat Washer



#94-130 Plusnut

2.2.2 Attach the driver and passenger side brackets to the threaded holes in the van.



**TOOLS**

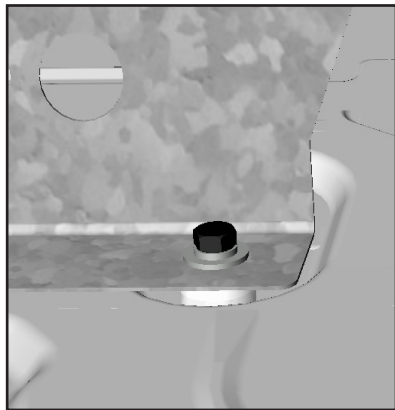
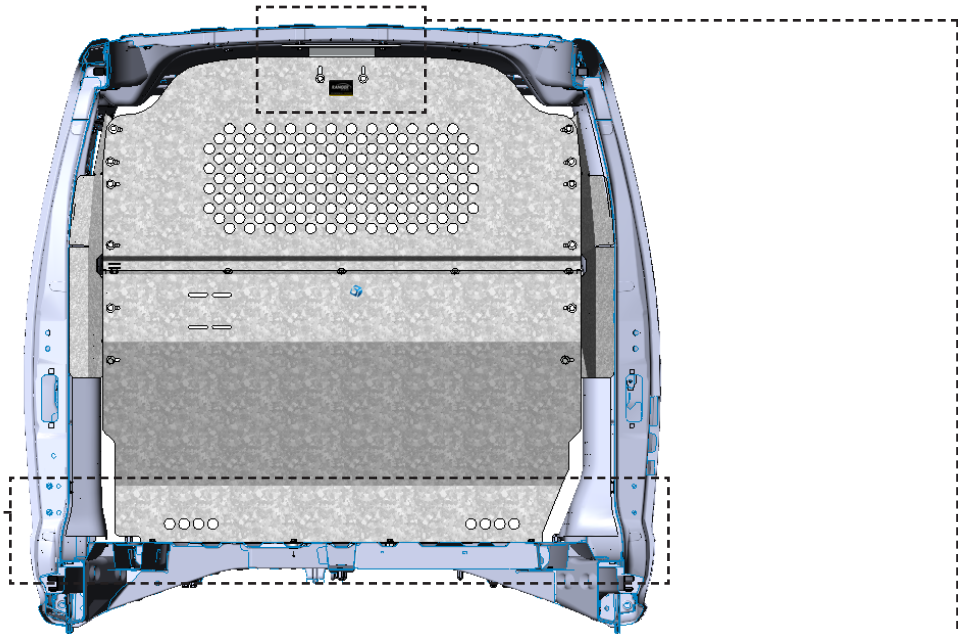
- Cordless Impact
- 10mm Socket

**HARDWARE USED**

**2x**

	#90-840 Hex Bolt M6 x 50
	#98-118 Lock Washer
	#98-112 Flat Washer

**2.2.3** Bolt the lower panel to the van, then attach the upper panel to the ceiling bracket.

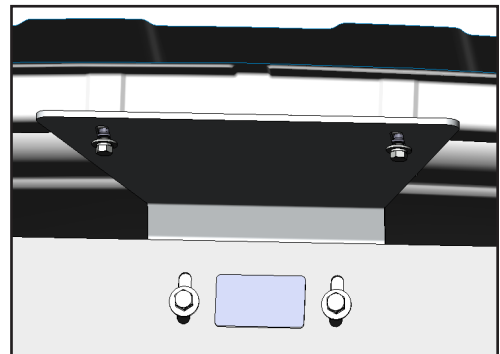
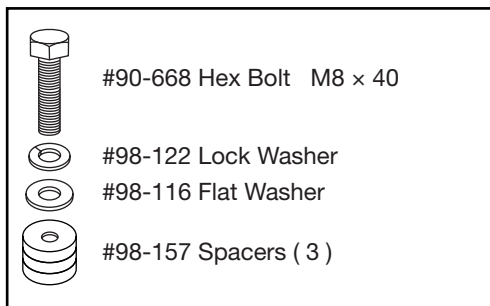


**TOOLS**

- Cordless Impact
- 13mm Socket

**HARDWARE USED**

**4x**

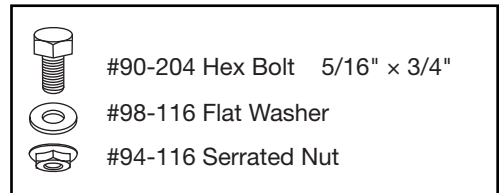


**TOOLS**

- Cordless Impact
- 1/2" Socket

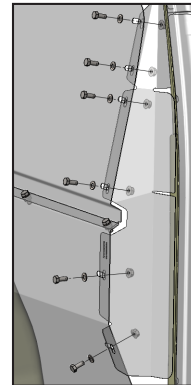
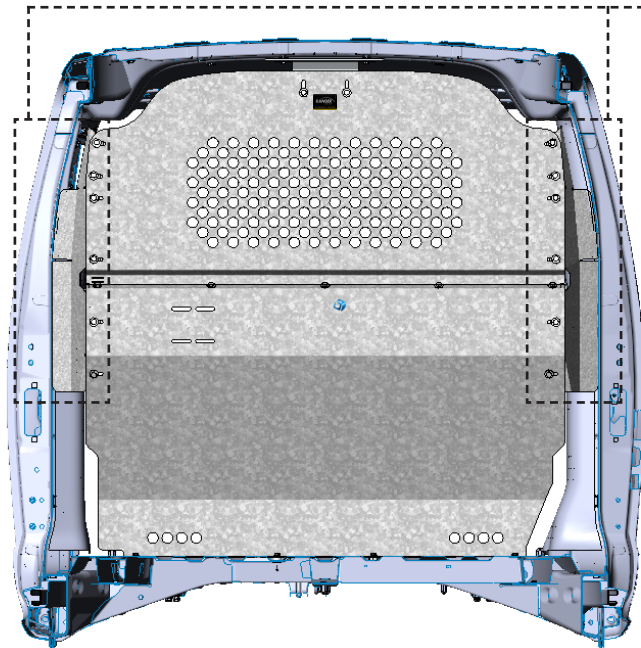
**HARDWARE USED**

**2x**



### 2.2.4 Attach the upper and lower panels on the driver and passenger side brackets.

**NOTE:** You can bend the wings to align the holes.






#### TOOLS

- Cordless Impact
- 1/2" Socket

#### HARDWARE USED

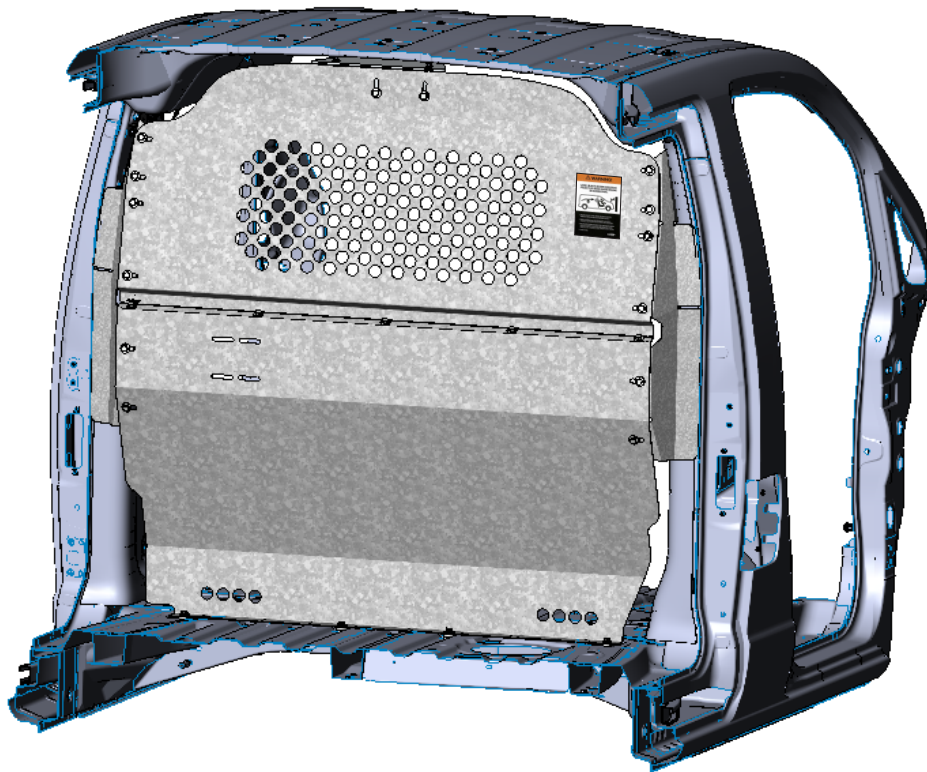
12x

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

### 2.2.5 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.”**

