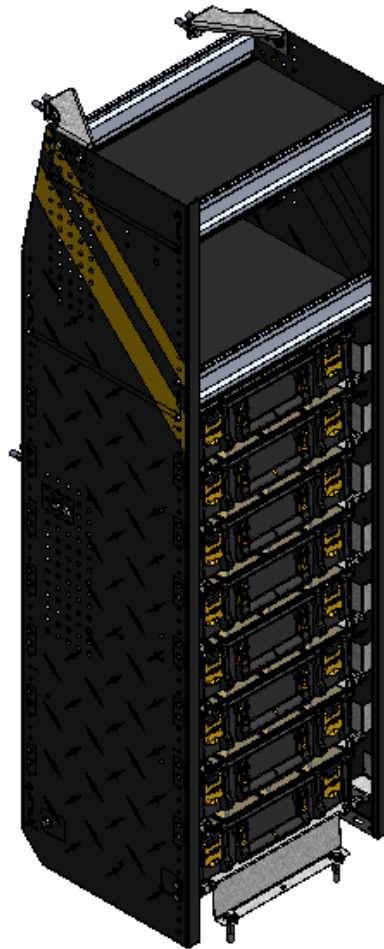


INSTALLATION GUIDE



N5-PS20-8 Partskeeper Cabinet (STEEL)

Transit High Roof & Medium Roof
Promaster Standard Roof & High Roof
Nissan NV High Roof
Sprinter RWB, LWB, XWB
Box Truck / Trailer

QUICK START GUIDE

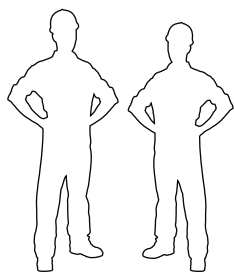
Phase 1 - Assembly

❑ 1.1 Setup.....	3 - 5
❑ 1.2 Shelf Assembly.....	6

Phase 2 - Installation

❑ 2.1 Attach Wall Brackets To The End Panels.....	7
❑ 2.2 Mark Holes For Plus Nuts.....	8
❑ 2.3 Attach Plus Nut.....	9 - 10
❑ 2.4 Attach Partskeeper Cabinet To the Floor.....	11 - 12
❑ 2.5 Attach Wall Brackets.....	13 - 14

REQUIRED ITEMS



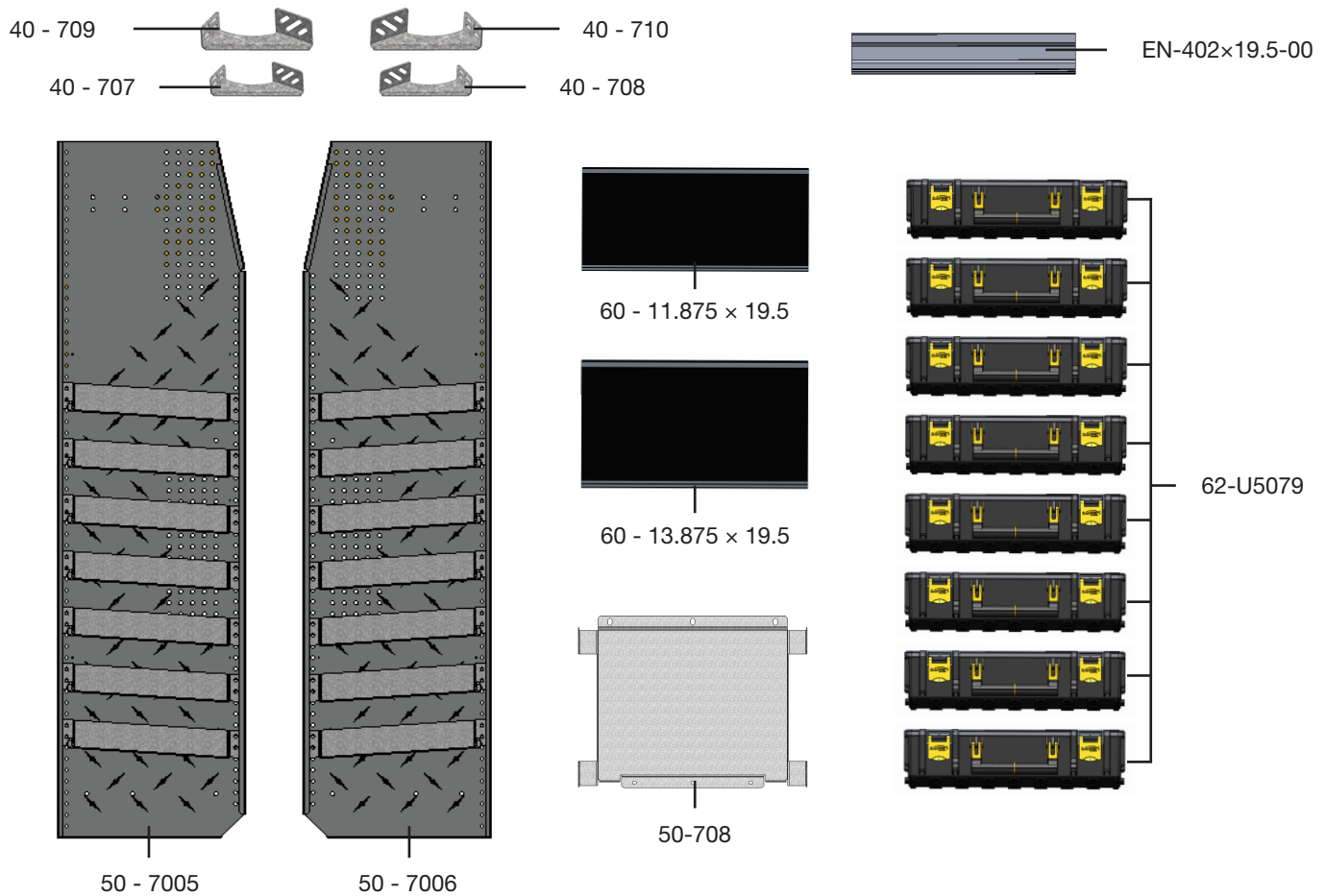
**2
PERSONS**

- ❑ Cordless Impact
- ❑ Cordless Drill
- ❑ Tape Measure
- ❑ Marker
- ❑ 1/2" Socket
- ❑ 1/2" Drill Bit w/ Drill Collar (Set at 1/2")
- ❑ 3/8" Driver Bit
- ❑ Knife
- ❑ Plusnut Tool / Plusnut Gun (5/16")

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.

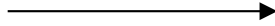
BILL OF MATERIALS

Item No.	Description	Qty.
40 - 707	Short Corner Bracket (Left)	1
40 - 708	Short Corner Bracket (Right)	1
40 - 709	Long Corner Bracket (Left)	1
40 - 710	Long Corner Bracket (Right)	1
50 - 7005	End Panel (Left)	1
50 - 7006	End Panel (Right)	1
50 - 708	N5 Partskeeper Bottom Shelf	1
62-U5079	Plastic Partkeeper Case	8
60 - 11.875 x 19.5	Shelf Tray, Black Plywood, Usable 12" x 19.5"	1
60 - 13.875 x 19.5	Shelf Tray, Black Plywood, Usable 14" x 19.5"	1
EN - 402 x 19.5 - 00	Shelf Extrusion (19.5")	1
94 - 5014	Assembly Fastener Kit	1
96 - 5014	Install Fastener Kit	1

1.1.3 Fastener kits.

94 - 5014 Fastener Kit			Fastener Assembly
4x		# 90-106 Hex Bolt 1/4"-18 x 1/2" GR-5 ZINC	<div>4x</div> <div> #90-106 Hex Bolt 1/4" x 1/2"  #98-112 Flat Washer  #94-112 Serrated Nut</div>
2x		# 90-200 Hex Bolt 5/16"-18 x 1/2" GR-5 ZINC	
20x		# 92-102 Screw HWH #14 x 1" ZINC	
2x		# 94-116 Serrated Nut 5/16"-18 ZINC	<div>2x</div> <div> #90-200 Hex Bolt 5/16" x 1/2"  #98-116 Flat Washer  #94-116 Serrated Nut</div>
4x		# 94-112 Serrated Nut 1/4"-20 ZINC	
2x		# 98-116 Flat Washer 5/16" ZINC	
4x		# 98-112 Flat Washer 1/4" ZINC	<div>20x</div> <div> #92-102 Screw #14 x 1"</div>

96 - 5014 Fastener Kit



Fastener Assembly

8x



90-204

Hex Bolt
5/16"-18 x 3/4"
GR-5 ZINC

12x



90-212

Hex Bolt
5/16"-18 x 1-1/4"
GR-5 ZINC

12x



94-132

Plusnut

8x



94-116

Serrated Nut
5/16"-18
ZINC

20x



98-116

Flat Washer
5/16", O.D. 7/8"
ZINC

12x



98-122

Lock Washer
5/16"
ZINC

4x



98-157

Spacer
0.375" ID, x 1.0" OD x 0.25" LONG
NYLON

8x



#90-212 Hex Bolt 5/16" x 1-1/4"



#98-122 Lock Washer



#98-116 Flat Washer



#94-132 5/16" Plusnut

4x



#90-212 Hex Bolt 5/16" x 1-1/4"



#98-122 Lock Washer



#98-116 Flat Washer



#98-157 Spacers
(QTY = GAP BETWEEN FLOOR AND END PANEL)



#94-132 5/16" Plusnut

8x



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



#98-116 Flat Washer



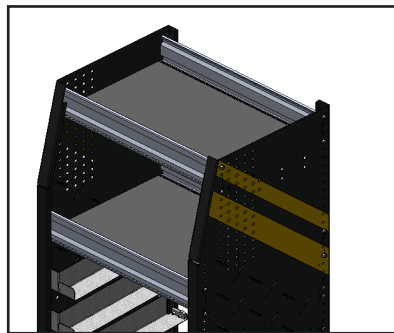
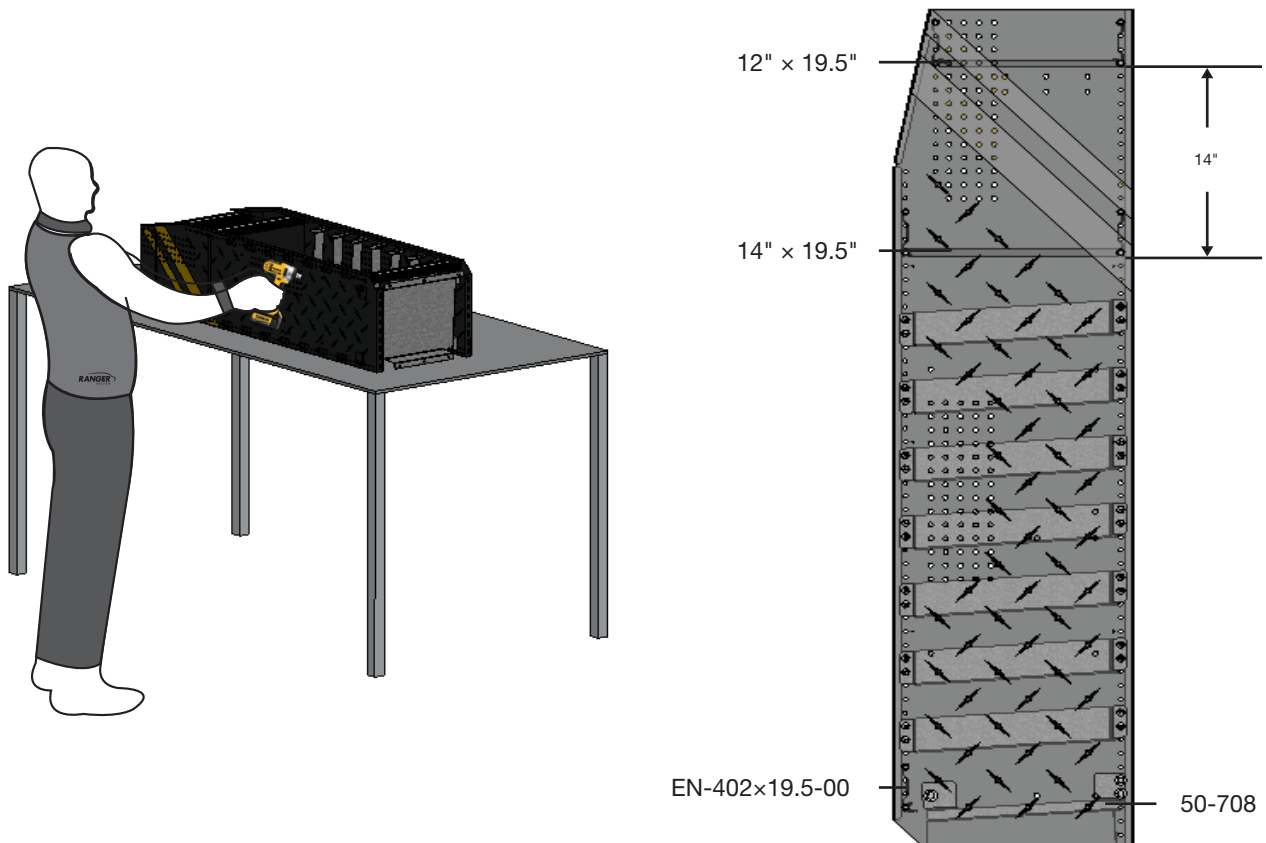
#94-116 Serrated Nut

PHASE 1 – ASSEMBLY

1.2 SHELF ASSEMBLY

1.2.1 Attach both panels to the shelf trays.

IMPORTANT: Assemble the cabinet on a protected clean surface to avoid scratching.



HARDWARE USED

20x 94-5013



#92-102 Screw #14 x 1"

TOOLS

- ☐ Cordless Impact
- ☐ 3/8" Driver Bit
- ☐ 1/2" Socket

4x 94-5013 (FRONT)



#90-106 Hex Bolt 1/4" x 1/2"



#98-112 Flat Washer



#94-112 Serrated Nut

2x 94-5013 (BACK)



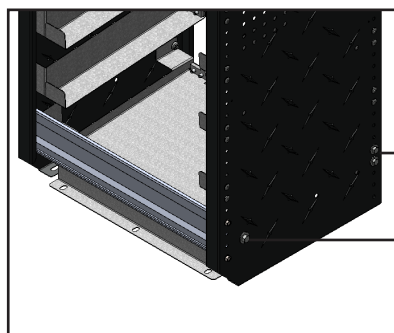
#90-200 Hex Bolt 5/16" x 1/2"



#98-116 Flat Washer



#94-116 Serrated Nut



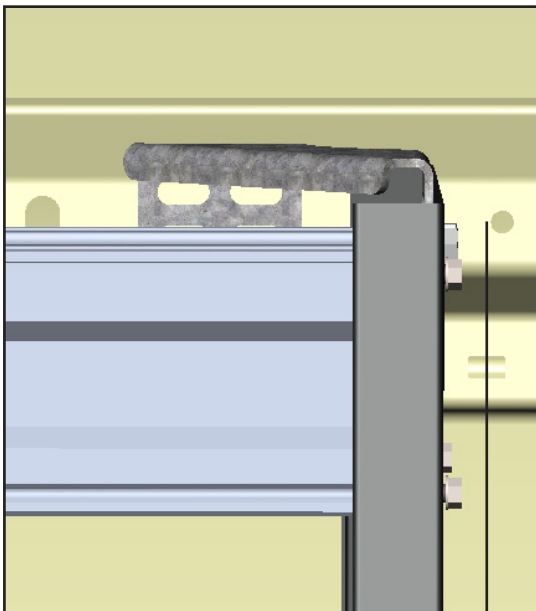
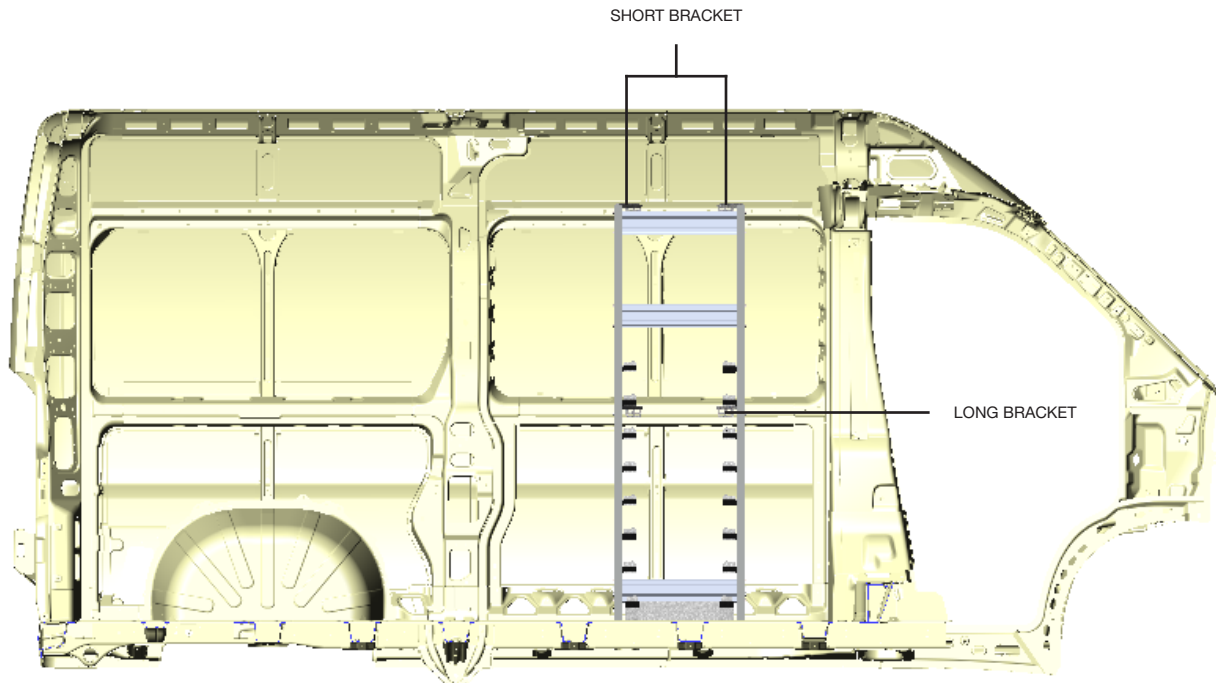
PHASE 2 – INSTALLATION

2.1 ATTACH WALL BRACKETS TO THE END PANELS

IMPORTANT: For all **Box Trucks**, make sure that the shelving is securely fastened to the structure of the truck.

- 2.1.1**
- Lift the assembled partskeeper cabinet to the vehicle, then put it in place.
 - Attach the short and long brackets to the panels aligning the brackets to the horizontal rim of the vehicle.

NOTE: Handle with care.



Attach the short and long brackets to the panels aligning the brackets to the horizontal rim of the vehicle.

NOTE: You can install the brackets inside or outside the panel.

TOOLS

- ☐ Cordless Impact
- ☐ 1/2" Socket

HARDWARE USED

8x 96-5014



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



#98-116 Flat Washer



#94-116 Serrated Nut

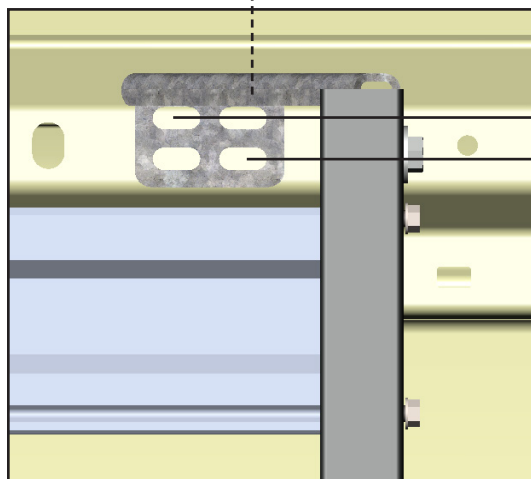
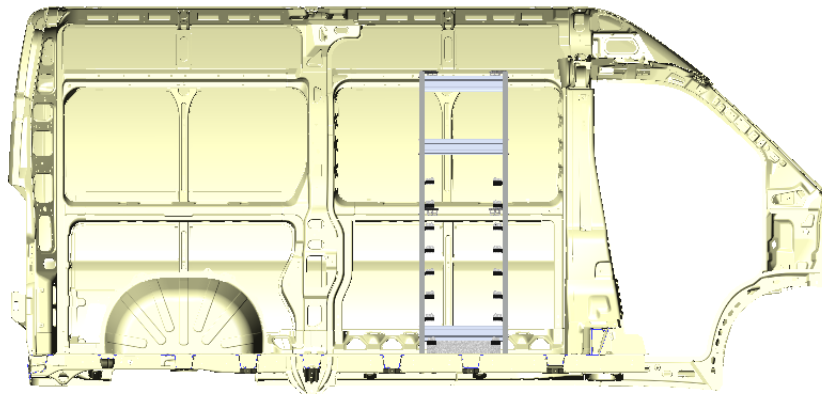
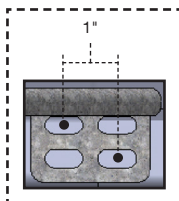
HORIZONTAL RIM

PHASE 2 – INSTALLATION

2.2 MARK HOLES FOR PLUS NUTS

2.2.1 After attaching the brackets mark the holes on the brackets and bottom shelf to the vehicle.

NOTE: The distance between the two holes should be no less than 1", to avoid plus nut overlap



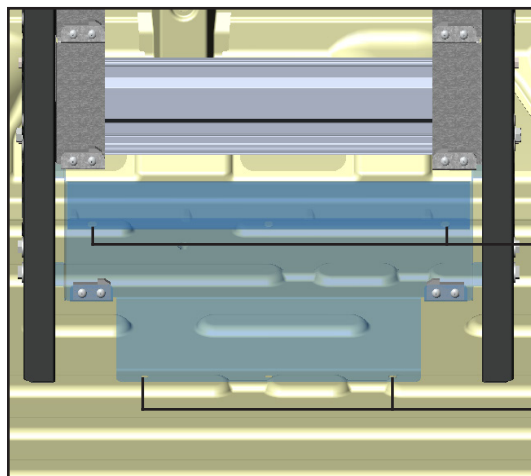
Mark 2 holes of the short and long brackets on the vehicle horizontal rim.

NOTE: If you are using Ranger wall kits, please go to **PAGE 14**.

TOOLS

☐ Marker

MARK



Mark 2 holes of each end panel on the vehicle floor.

NOTE: If you are using Ranger floor, please go to **PAGE 12**.

TOOLS

☐ Marker

MARK

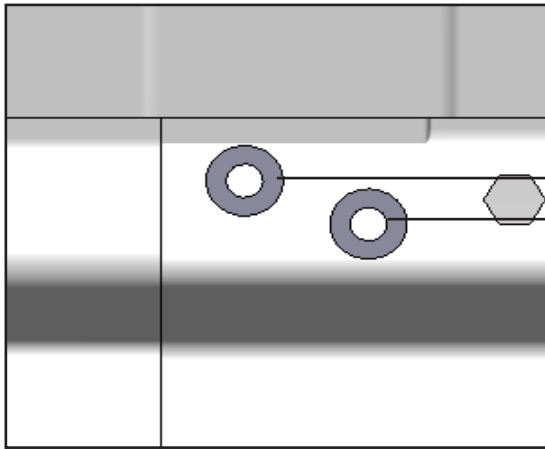
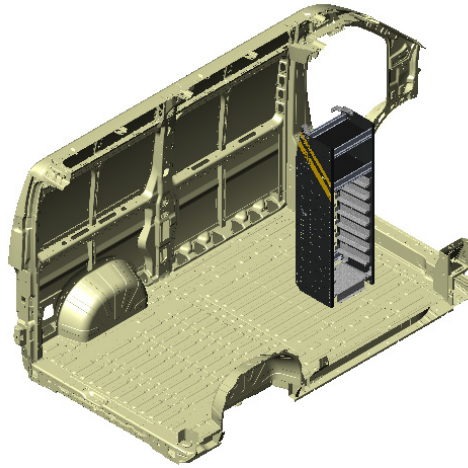
PHASE 2 – INSTALLATION

2.3 ATTACH PLUS NUTS

- 2.3.1**
- Lift the assembled partskeeper cabinet on the side.
 - Drill all the marks using 1/2" drill bit w/ drill collar, then attach plus nuts to the holes.

NOTE: Use 1/2" drill bit with drill collar to stop drill at 1/2" depth.

WARNING: Before drilling, ensure that you will not hit any critical parts of the vehicle like the **Gas tank**, **Wiring Harness** and **Hose**.



PLUSNUT

Drill all the marks then, attach plus nuts to the holes.

TOOLS

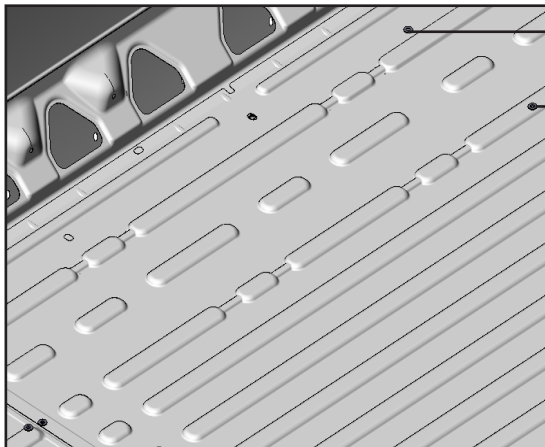
- ☐ Cordless Drill
- ☐ 1/2" Drill Bit w/ Drill Collar (Set at 1/2")
- ☐ Plus Nut Tool (5/16")

HARDWARE USED

12x 96-5014



#94-132 Plus Nut

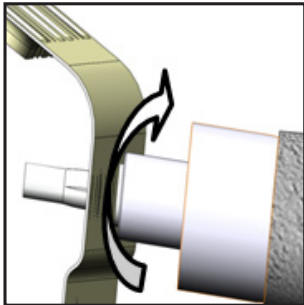


DRILL COLLAR
(SET AT 1/2")

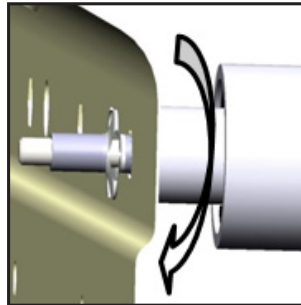
2.3.2 How to attach plus nut.

• USING PLUSNUT GUN

STEP: Put the plusnut on the plusnut gun, then attach the plus nut in the hole by turning the gun forward until the plus nut locks, then remove the gun by turning in reverse.



FORWARD

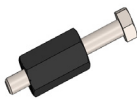


REVERSE



• USING THE 6491 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.

6491



HARDWARE USED

-  Flat washer 5/16"
-  Flat washer 5/16" BS x 7/8" OD

TOOLS

- ☐ Cordless Impact
- ☐ 1/2" Socket
- ☐ 9/16" Wrench

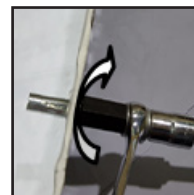
STEP 1:

Assemble the 6491 plusnut tool with the hardware needed, plus nut and the 9/16" wrench as shown.



STEP 2:

Attach the plus nut in the hole by turning the bolt forward using an impact with a 1/2" socket until the plusnut locks, then remove the bolt by turning the impact in reverse.



FORWARD



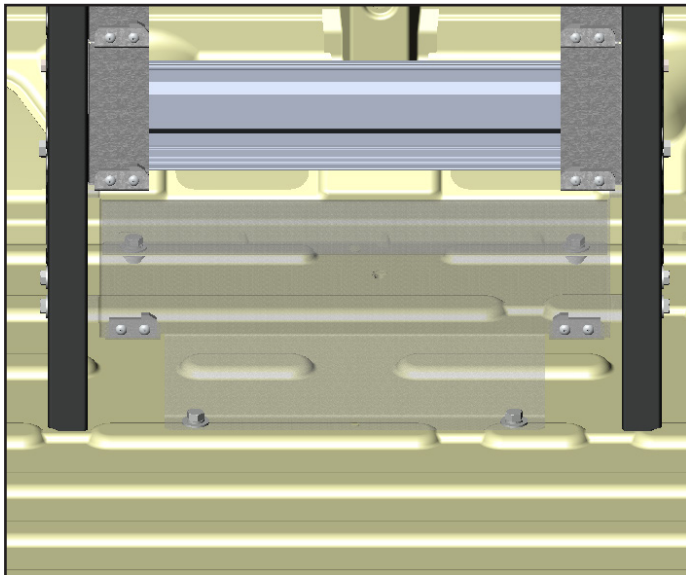
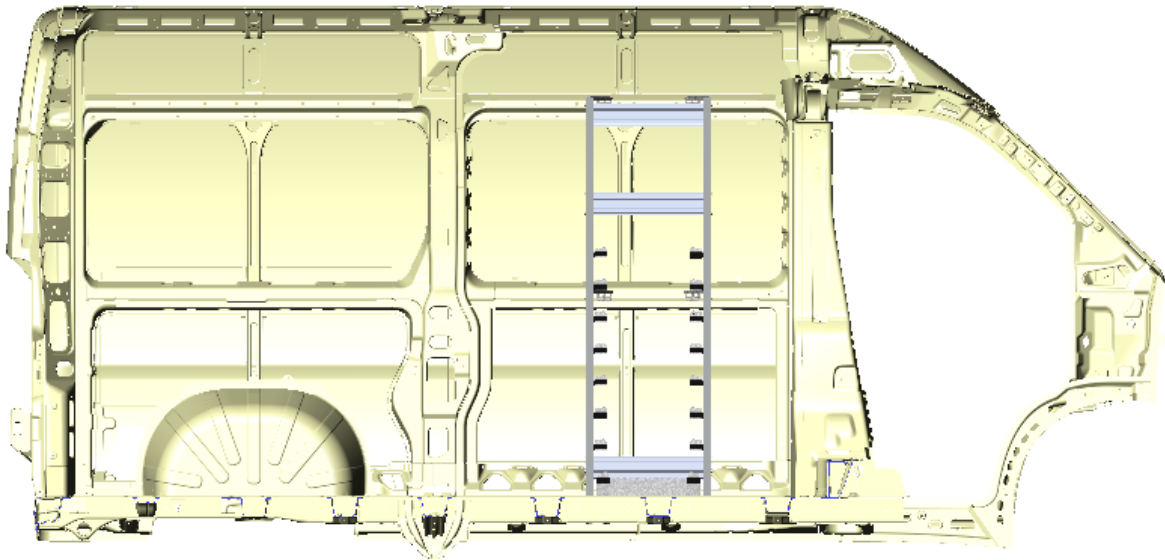
REVERSE

PHASE 2 – INSTALLATION

2.4 ATTACH SHELF UNIT TO THE FLOOR

WITHOUT RANGER FLOOR

2.4.1 Put the assembled partskeeper cabinet back in place aligning the holes to the plusnuts, then install the bottom shelf to the plus nuts.



TOOLS

- ☐ Cordless Impact
- ☐ 1/2" Socket

HARDWARE USED

6x 96-5014



#90-212 Hex Bolt 5/16" × 1-1/4"

#98-122 Lock Washer

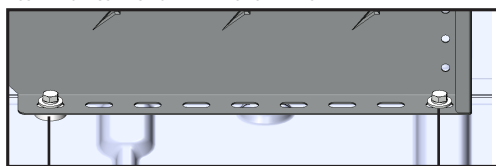
#98-116 Flat Washer

#98-157 Spacers
(QTY = GAP BETWEEN FLOOR AND END PANEL)

#94-132 5/16" Plusnut

TIPS WHEN TO USE SPACER:

MOST VEHICLE USE 1 SPACER WHEN NOT OVER RIBS

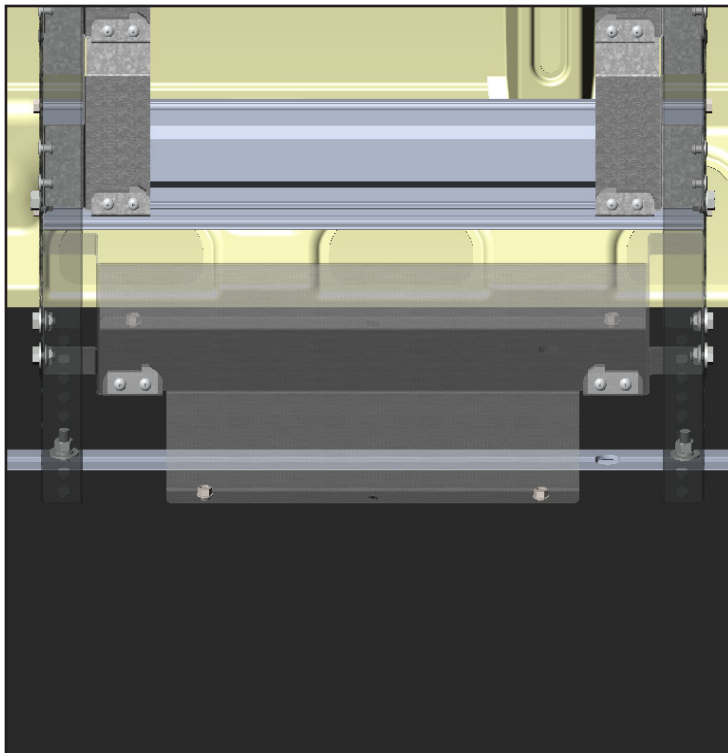
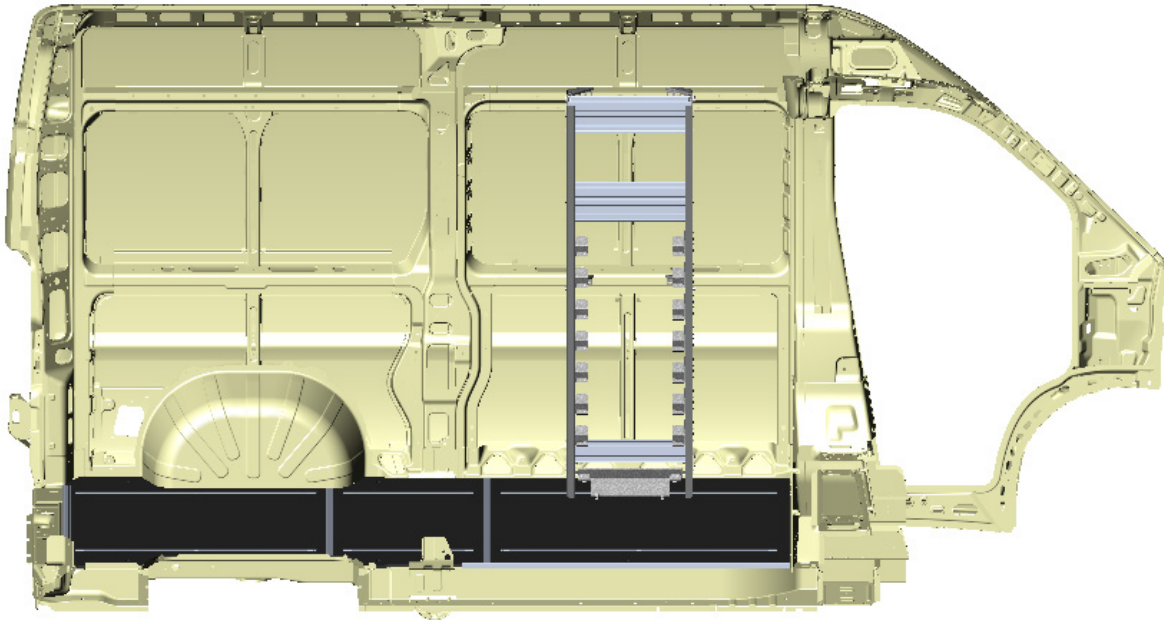


W/ Spacer

W/O Spacer

WITH RANGER FLOOR

- 2.4.2**
- Lift the partskeeper cabinet inside the van, then put it in place.
 - Install the partskeeper cabinet to the floor mounting track by sliding bolts in the mounting tracks, and screw the bottom shelf to the floor.



TOOLS

- Cordless Impact
- 3/8" Driver Bit
- 1/2" Socket

HARDWARE USED

4x FLOOR FASTENER KIT



#92-102 Screw 1"

HARDWARE USED

2x FLOOR FASTENER KIT



#90-490 Carriage Bolt 5/16" x 1"



#98-116 Lock Washer



#98-122 Flat Washer



#94-104 Hex Nut

PHASE 2 – INSTALLATION

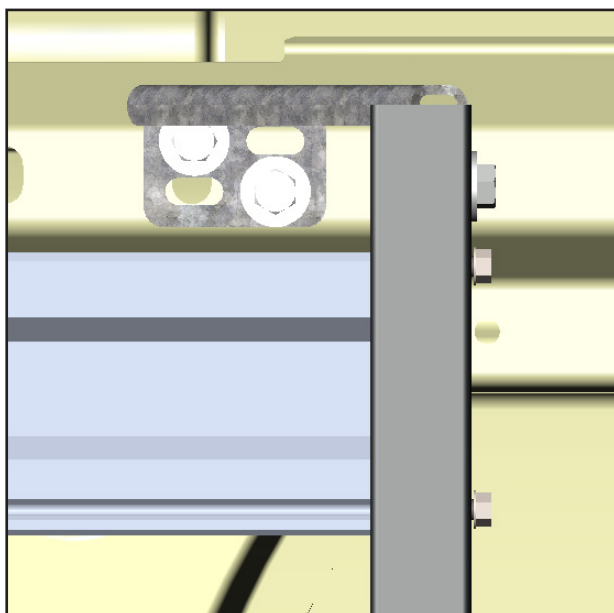
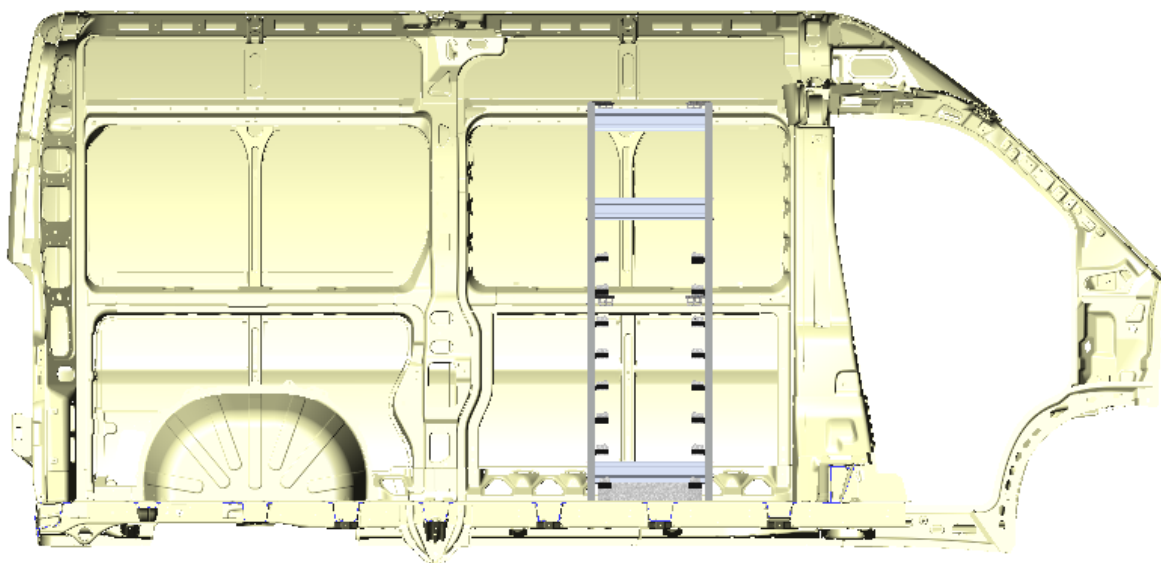
2.5 ATTACH WALL BRACKETS

WITHOUT RANGER WALL KITS

2.5.1 Aligned the wall brackets to the plus nuts, then install the wall brackets to the wall.

NOTE: Tighten the bolts that attach the bracket to the wall or wall rails 1st before tightening the bolts from the brackets to the end panels.

IMPORTANT: After installation is completed, ensure all bolts are tightened.



TOOLS

- ☐ Cordless Impact
- ☐ 1/2" Socket

HARDWARE USED

8x 96-5014



#90-212 Hex Bolt 5/16" x 1-1/4"

#98-122 Lock Washer

#98-116 Flat Washer

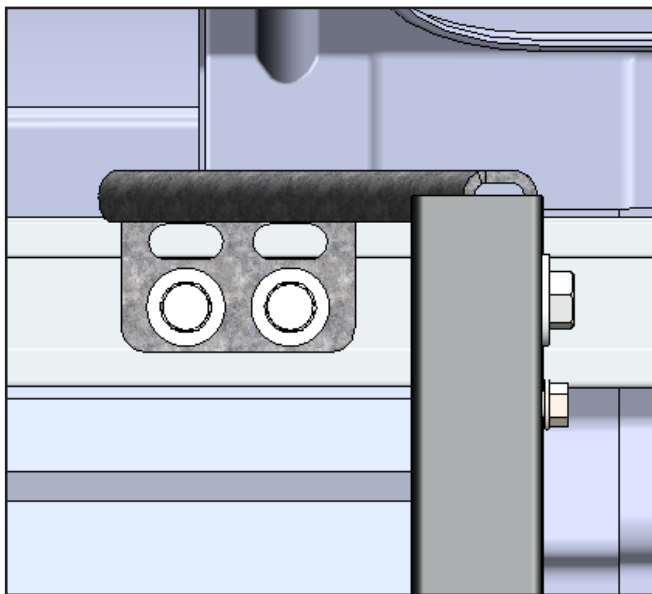
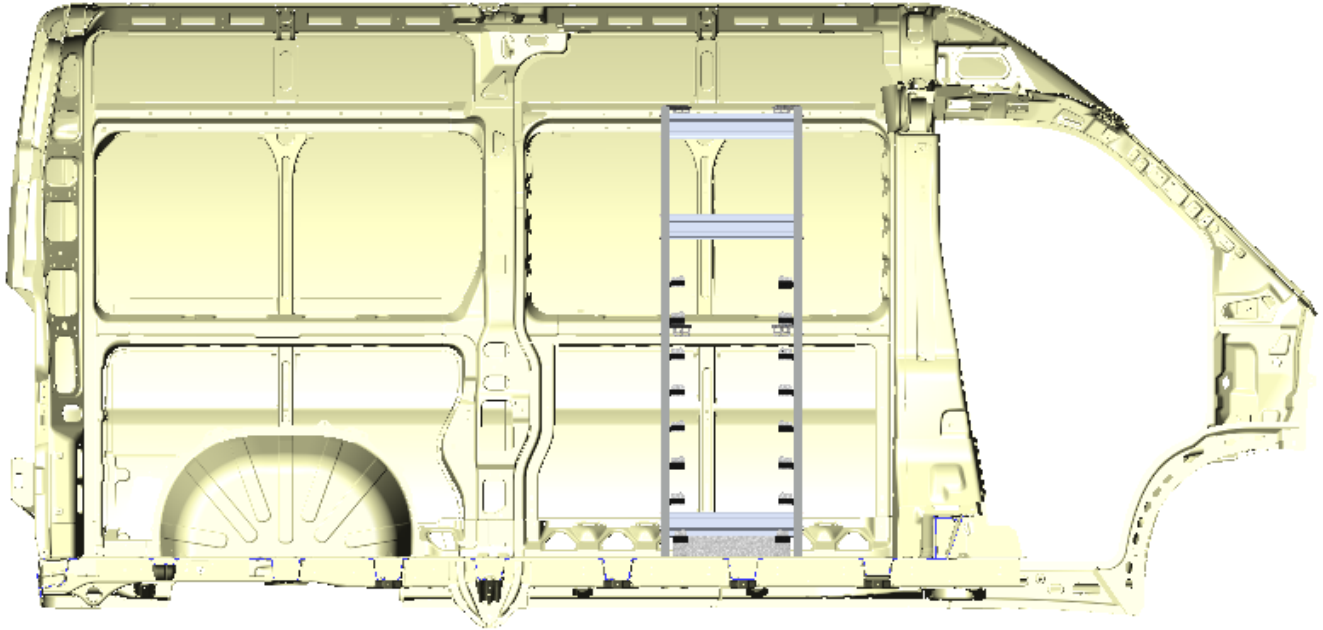
#94-132 5/16" Plusnut

WITH RANGER WALL KITS

2.5.2 Aligned the wall brackets to the wall mounting track kits, then install the wall brackets to the wall mounting track kits using channel nuts.

NOTE: Tighten the bolts that attach the bracket to the wall or wall rails 1st before tightening the bolts from the brackets to the end panels.

IMPORTANT: After installation is completed, ensure all bolts are tightened.

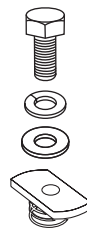


TOOLS

- ☐ Cordless Impact
- ☐ 1/2" Socket

FASTENERS USED

8x WALL KITS FASTENER KIT



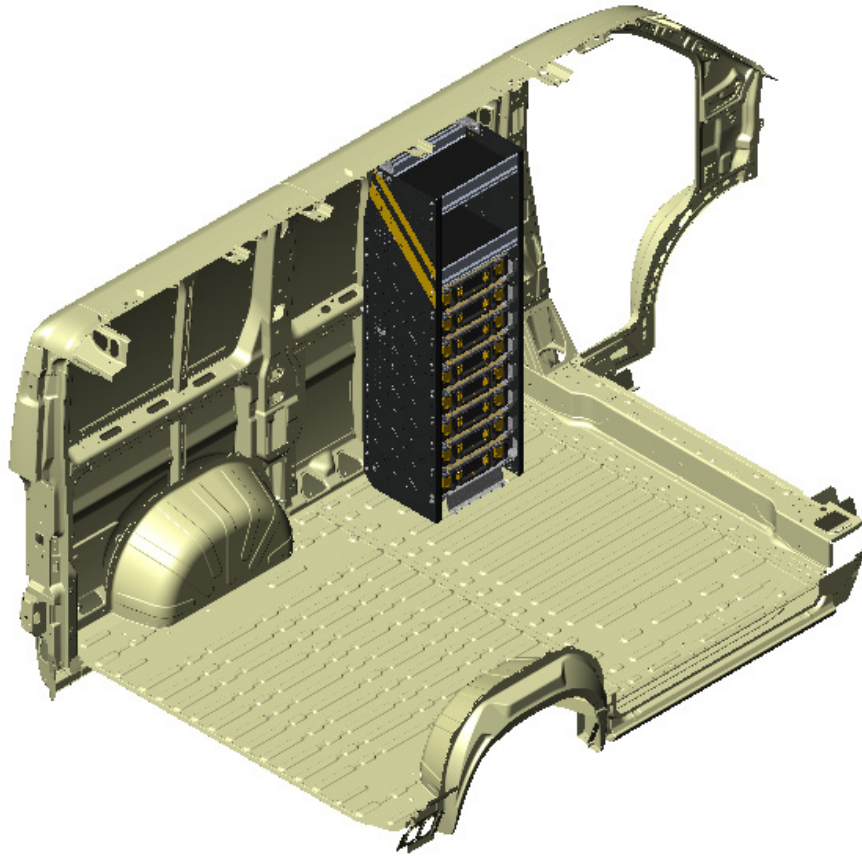
#90-208 Hex Bolt 5/16" x 1"

#98-122 Lock Washer

#98-116 Flat Washer

#94-150 Channel Nut

IMPORTANT: After checking all bolts are tightened slide 8 partskeeper case to the cabinet.



**“You have successfully installed your
N5-PS20-8**

Thank you for doing business with us.”

For any feedback or suggestions you may have, please contact: cs@rangerdesign.com

