ADRIAN STEEL®
Cargo Management Solutions for Commercial Vehicles

NISSAN HIGH ROOF PARTITION

PRODUCT WEIGHT

79 LBS

WIDTH x DEPTH x HEIGHT
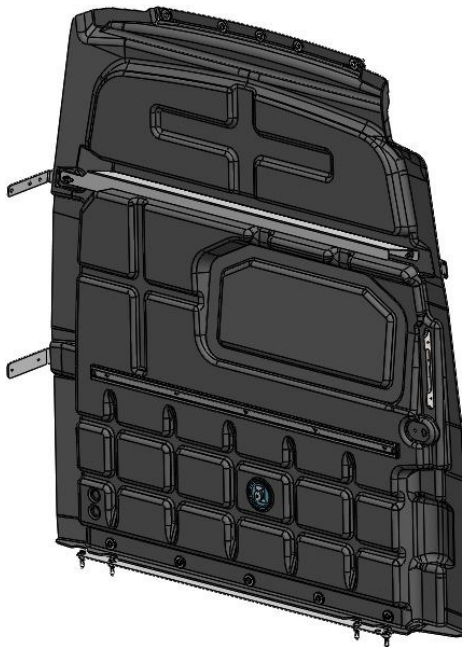
67.25" x 5" x 75.5"
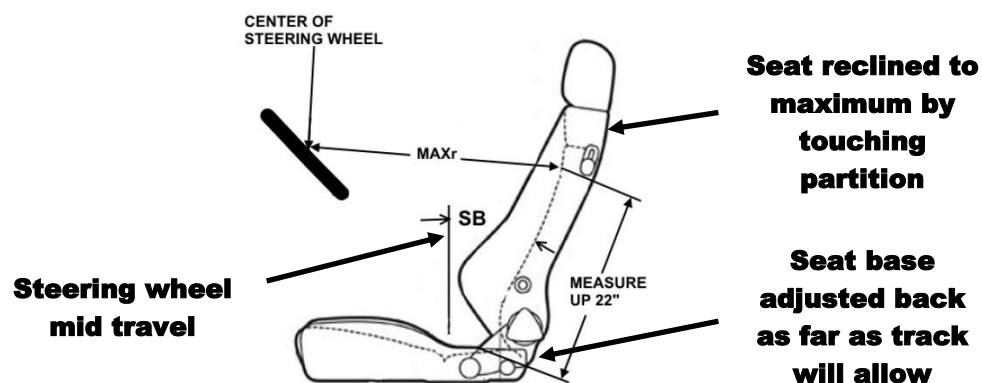
CAPACITY

N/A

COLOR

BLACK

CATALOG NUMBER

PRODUCT FEATURES

PARNH-NW

Composite partition for Nissan High Roof provides a semi-sealed solution for separating the cab area from the cargo area. The composite partition features a full perimeter bulb seal that seals off the majority of the airflow from the cab area to the cargo area. This feature provides better climate control for the cab area and reduces noise transfer from the cargo area to the cab area.

Driver Comfort Details

CENTER OF STEERING WHEEL

MAXr

SB

MEASURE UP 22"

Seat reclined to maximum by touching partition

Steering wheel mid travel

Seat base adjusted back as far as track will allow

	DESCRIPTION	DIMENSION
SB	SEAT BACK ANGLE	11 degrees
MAXr	MAXIMUM DRIVER REACH	24-3/4"

SEE PAGE 2 FOR APPLICATION NOTES AND ACCESSORIES, OTHER PRODUCTS THAT WORK WITH THIS UNIT.

PAGE 1 of 2

Accessory Chart

	Cargo Side			Cab Side		
	Base Partition BAGRKA1 REQUIRED (1 BAGRKA1 will allow for one accessory to be added)	**PARHDW Fastener Kit** Allow accessories to be added directly mounted to partition	**PARNHCRG** (mounting kit cargo side)	**Base Partition** 1/4" nuts and bolts REQUIRED	**PARHDW Fastener Kit** Allow accessories to be added directly mounted to partition	**PARNHCAB** (mounting kit cab side)
Available Accessories	-	-	-	-	-	-
PA7: Reflector kit	x	x	x	x	x	x
PA8: Fire ext.	x	x	x	x	x	x
PA9: First aid tray	x	x	x	x	x	x
PA10: Practice holder			x			x
PA11: Cab file			x	x		x
PA11NL: Catalog box			x	x		x
TA1: Four hook bar			x			x
TH30: 30lb tank holder			x			
TH50: 50lb tank holder			x			
UH50RM1: Rail mount kit			x			x
UH10: 1" hook			x			
UH25: 2.5" hook			x			
UH25CP-G: 2.5' hook comp			x			
UH50: 5" hook	x		x			

PARNHCRG (shown in yellow)
Cargo side hardware mounting kit installed
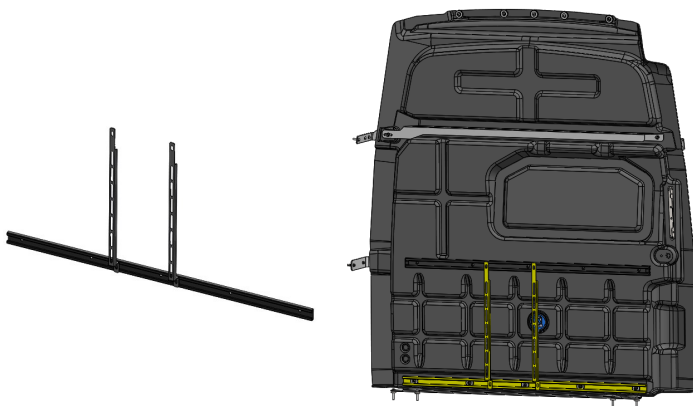
PARNHCAB (shown below in yellow)
Cab side hardware mounting kit installed
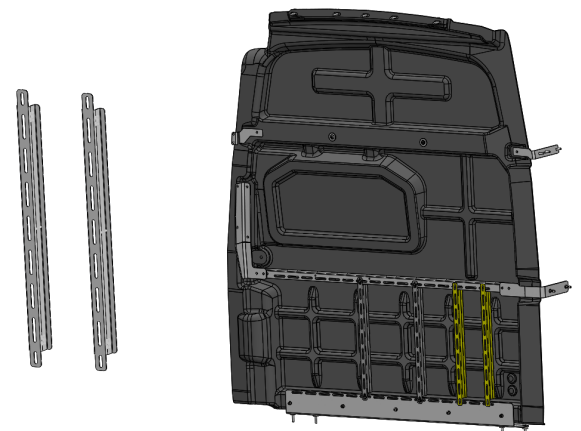
PARHDW Fastener Kit

Fastener kits allow for installation of smaller and lighter (up to 12 lbs.)   Allows accessories to be directly mounted to the partition, such as: fire extinguisher, flare kit, first aid kits, acc.

Introduction / Comments:

Composite partition for Nissan High Roof provides a semi-sealed solution for separating the cab area from the cargo area. The composite partition features a semi-full perimeter bulb seal that seals off the majority of the airflow from the cab area to the cargo area. This feature provides better climate control for the cab area and reduces noise transfer from the cargo area to the cab area.

Note:
It is advised that all fasteners used in this assembly and installation should be checked for tightness at the following intervals: @ 2-weeks and again @ 6-weeks of operation. This preventive maintenance step must be completed to ensure your porduct gives you long service life.
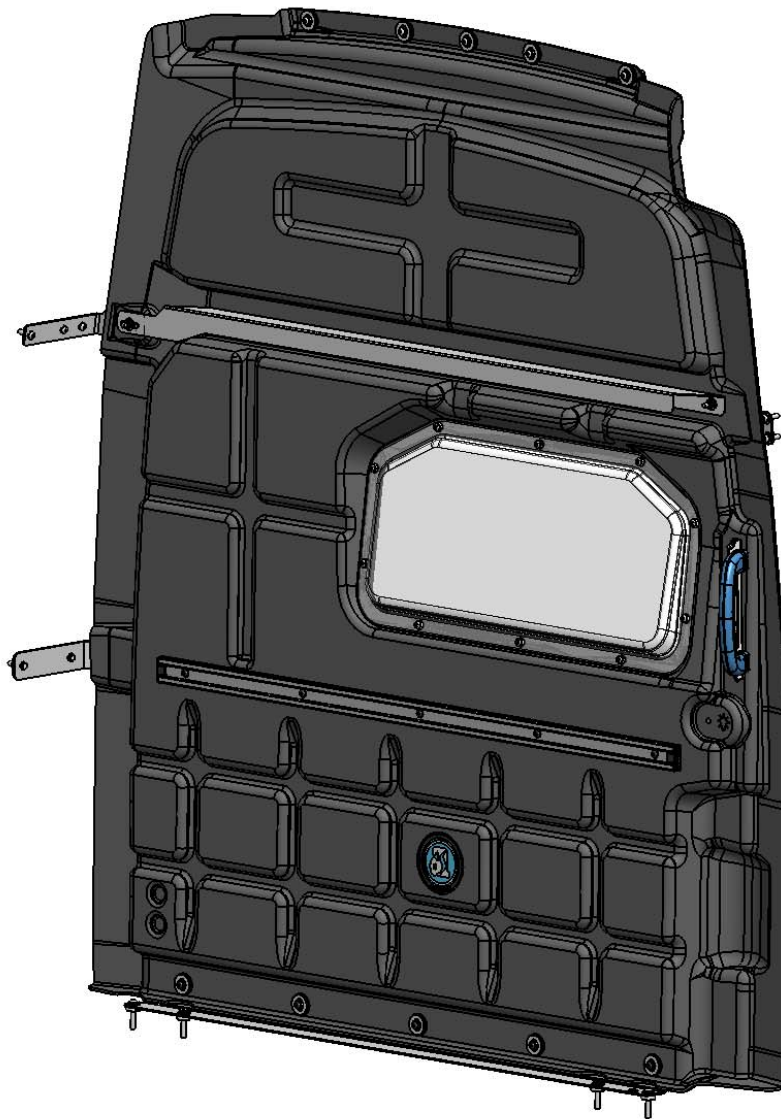
COMP PAR, W/WDO, NHR
PARNH & PARNH-NW

- PRECAUTIONS -

⚠️ CAUTION ⚠️
THE USE OF AIR IMPACT TOOLS CAN OVER-TORQUE
FASTENERS AND CAUSE FASTENER FAILURE!

⚠️ CAUTION ⚠️
ALL INSTALLATION HOLES SHOULD BE SEALED WITH SILICON OR
BUTYL SEALANT TO PREVENT EXHAUST FUMES FROM ENTERING
THE VEHICLE!

⚠️ DANGER ⚠️
INSPECT FOR FUEL TANK, FUEL LINES, BRAKE LINES, HIGH VOLTAGE BATTERIES AND
ELECTRICAL LINES PRIOR TO DRILLINGTO AVOID DAMAGING CRITICAL VEHICLE
SYSTEMS OR INJURY TO INSTALLER DURING INSTALLATION PROCESS!

⚠️ CAUTION ⚠️
TO AVOID DAMAGING THE VEHICLE ALWAYS USE DRILL STOPS
WHEN DRILLING ANY INSTALLATION HOLES!
ADRIAN AVAILABLE PART #'S 31119-0 (3/8″ X 1/2″ DEEP), 31121-0
(1/2″ x 1/2″ DEEP)

3/8" DIA. 1/2" LONG

- IMPORTANT WARRANTY REQUIREMENTS -

1. SUBSTITUTING ADRIAN STEEL SPECIFIED FASTENERS FOR ASSEMBLY AND/OR INSTALLATION WILL VOID YOUR PRODUCT WARRANTY.
2. ALL HOLES DRILLED INTO VEHICLE SHOULD HAVE THE RAW METAL EDGES SEALED WITH A SELF- ETCHING PRIMER TO RESIST CORROSION AND POTENTIAL FASTENER POINT FAILURE.
3. ALL FASTENERS USED IN THE INSTALLATION OF THIS PRODUCT SHOULD BE TIGHTENED TO THE TORQUE(S) SPECIFIED IN THESE INSTRUCTIONS.
4. THESE INSTRUCTIONS SHOULD BE KEPT WITH THE VEHICLE.

THE BASIC TOOLS NEEDED FOR MOST INSTALLATIONS

| DRILL | DRILL BIT WITH STOP | RATCHET, SOCKETS AND/OR WRENCHES | MEASURING TAPE | SCREWDRIVERS |

3/8" DIA. 1/2" LONG

ADDITIONAL TOOLS MAY BE NEEDED FOR THIS INSTALLATION AND THEY WILL BE IDENTIFIED IN THE STEPS THAT FOLLOW.

ADRIAN STEEL COMPANY ● WWW.ADRIANSTEEL.COM ● 906 JAMES STREET ● ADRIAN, MI 49221 ● 800-677-2726

If your vehicle contains carpet or a rubber floor mat you will need to prepare the mounting location. Position the product to be installed into the vehicle and once your are satisfied with the mounting locations, mark the mounting locations. Using a 1-3/16" diameter carpet cutter (P/N: 31183-0). Select the appropriate floor spacers as shown in the illustration. Set those aside for use later into the installation process. Using the correct drill bit size for the selected plusnut, drill the mounting holes in the vehicle sheet metal to prepare for installing the plusnuts. If you are thru-bolting at any of the locations simply drill a hole that is 1/16" larger than the bolt size(s) for those locations.

Once you have drilled the holes into the vehicle, the raw metal edges should be sealed using a self-etching primer to resist corrosion and potential fastener point failure.
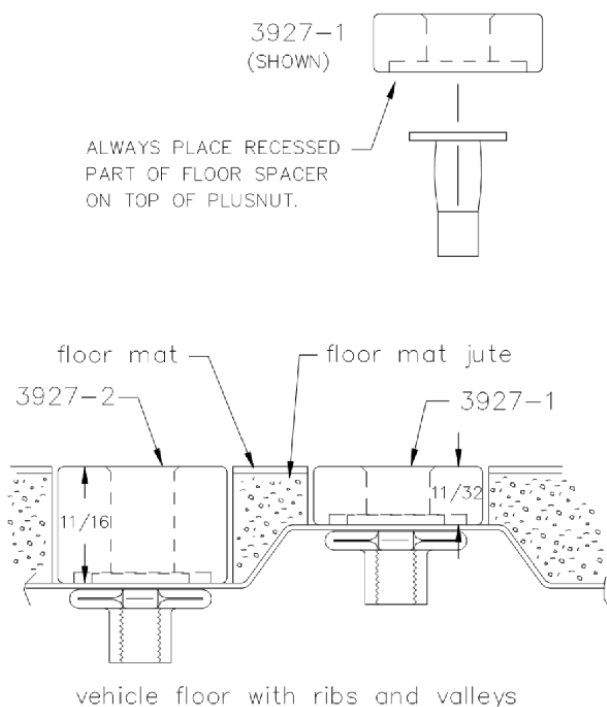
A PLUSNUT (RIVNUT) SETTING TOOL IS REQUIRED FOR PLUSNUT (RIVNUT) INSTALLATION . PLUS NUT SETTING TOOL CAN BE ORDERED THROUGH ADRIAN STEEL, OR USE AN AIR POWERED PLUSNUT SETTING GUN.

1/4-20UNC Plusnut (FAS0052)   Use 3/8" dia. drill w/stop
  FAS0080 SCREW, HXHD, 1/4-20UNCx2.00", G8
  FAS0067 WASHER, FLAT, 1/4"ID
  22200-0   PLUSNUT TOOL

5/16-18UNC Plusnut (FAS0091)   Use 1/2" dia. drill w/stop
  FAS0095 SCREW, HXHD, 5/16-18UNCx2.00", G8
  FAS0086 WASHER, FLAT, 5/16"ID
  22200-0   PLUSNUT TOOL
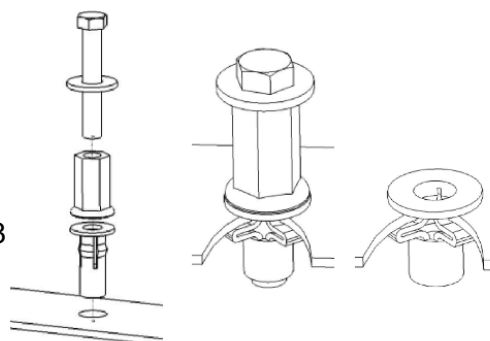
Place barrel of the plusnut body in sheet metal thru hole until flange is flush with sheet metal.

 Using a 9/16" combination wrench of plusnut tool body and a second hand wrench, ratchet, or air tool, rotate the hex bolt head CW to draw plus nut flanges up (set the plusnut).

Installation and / or Assembly Fasteners
BAGPARNHR

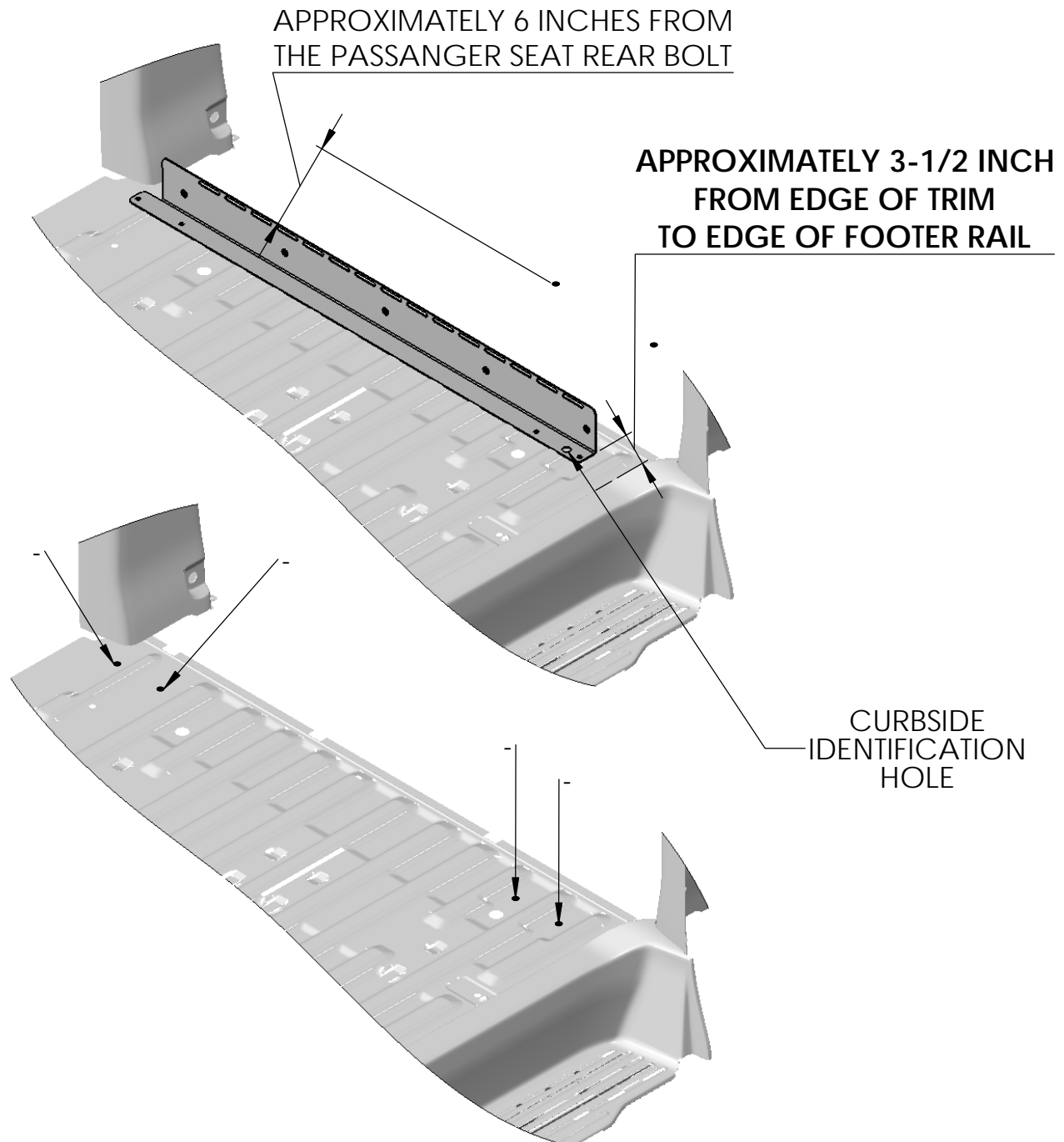| ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BAG0709-A	7" x 9" 3MIL AUTOBAG	1
2	03927-1	Floor Spacer Short	4
3	FAS0018	SCREW,HH SFLNG 1/4-20X.62 ZP	4
4	FAS0052	Plusnut, 1/4	2
5	FAS0078	Screw, Hex Hd, 1/4-20x1.00 Zn Plate, Grade 8	4
6	FAS0098	Washer, Lock, Split, 5/16, Zinc Plate	29
7	FAS0187	SCR,HH,M6-1.0X22	2
8	FAS0248	Nut, Nylon Insert Lock, 5/16-18 SST	8
9	FAS0253	WASHER, FOAM RUBBER, 1.50X0.375X0.5	12
10	FAS0552	Washer, Flat, 5/16, SST	12
11	FAS0708	Screw, Button Hd Hex Soc, 5/16-18X1.25, BLK OXIDE	12
12	FAS0711	SPRING CLIP	4
13	FAS0727	Screw, Button Hd Hex Soc, M8-1.25 X 30	5
14	FAS0742	Screw, Button Hd Hex Soc, M8-1.25 X 50	9
15	FAS0833	WASHER, CUP FLANGED 1.5"	12
16	FAS0067	Washer, Flat, 1/4	2
17	FAS0055	Nut, Hex Flange,Nylock 1/4-20	2
18	FAS0085	Washer, Lock, Ext. Tooth, 5/16	5
19	36496-0	END CAP	2
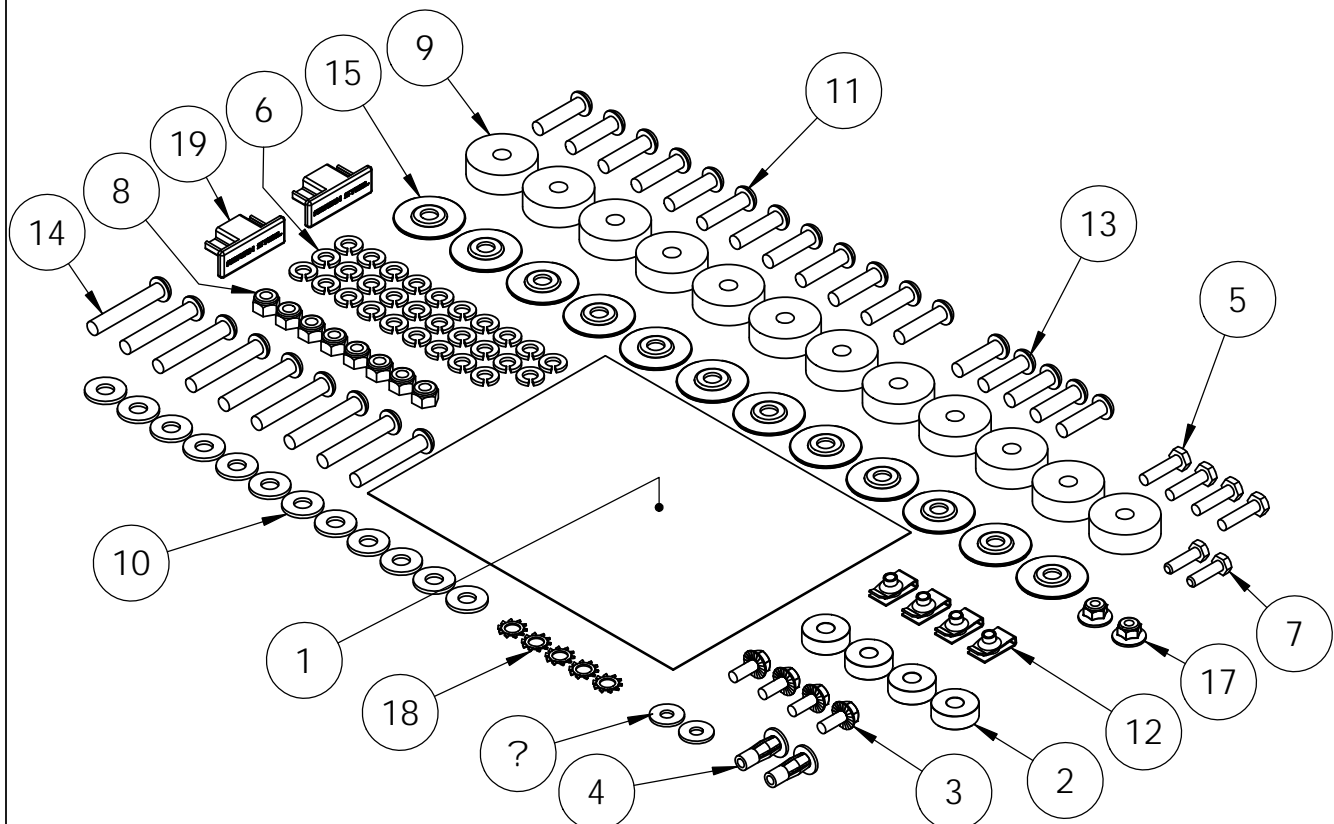
ADRIAN STEEL
Cargo Management Solutions for Commercial Vehicles

Step 01

If your vehicle contains carpet or a rubber floor mat. Place footer rail in approximate place shown and mark four hole locations. Use a 1-3/16" hole saw (part # 31183-0) at the marked locations. Cut through the floor mat, but NOT the floor. (Or use previously validated drill jig) You should now see the OEM mountinug holes.

APPROXIMATELY 6 INCHES FROM THE PASSANGER SEAT REAR BOLT

APPROXIMATELY 3-1/2 INCH FROM EDGE OF TRIM TO EDGE OF FOOTER RAIL

CURBSIDE IDENTIFICATION HOLE

Step 02

Place four (4) short spacers over OEM mounting holes. Fasten the footer rail to the vehicle as shown. Attach two spring clips to the footer rail in the 6th and 10th slots from the curbside. Threaded portion facing on the flange side of the footer rail as shown.
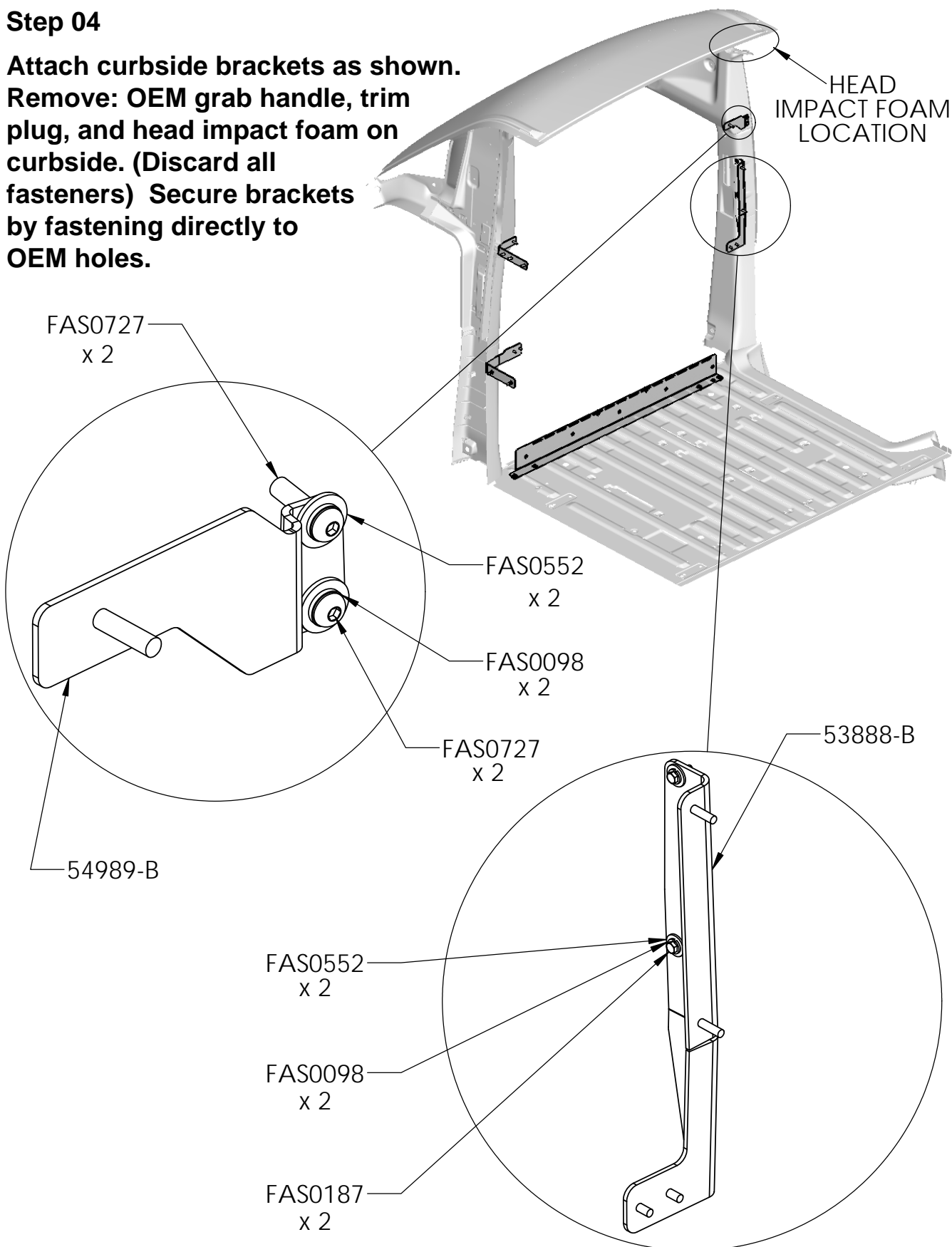

FAS0711
X 2

10TH
HOLE

6TH HOLE

FAS0098
X 4

FAS0552
X 4

53896-B
X 1

03927-1
X 4

FAS0742
X 4
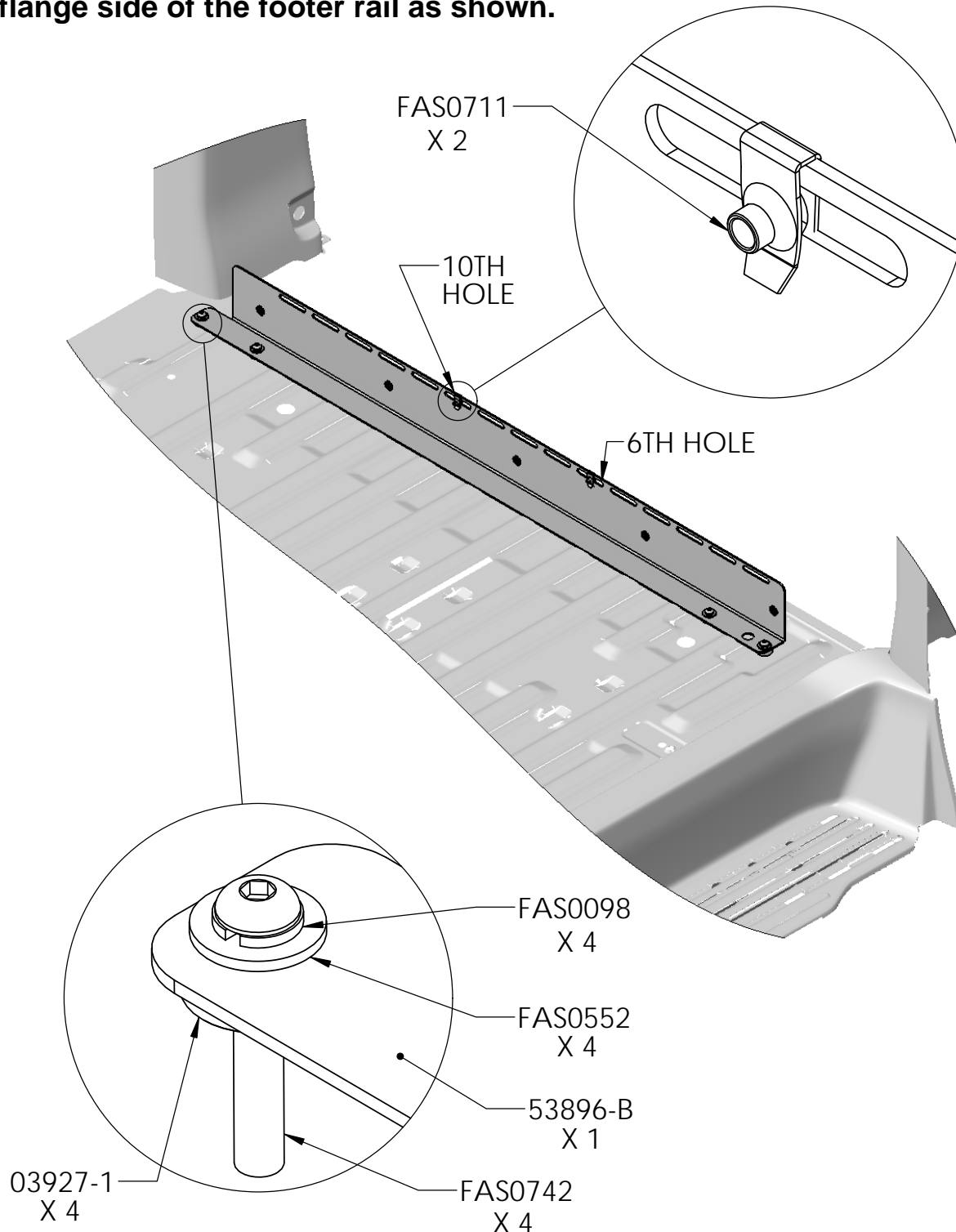
Step 03

Attach StreetSide brackets as shown. Top bracket attaches directly to OEM mounting holes. Bottom bracket will need to be drilled for plusnuts. Use a 3/8" drill bit with stop then apply primer to the drilled holes. Insert plusnuts and set. Attach brackets.
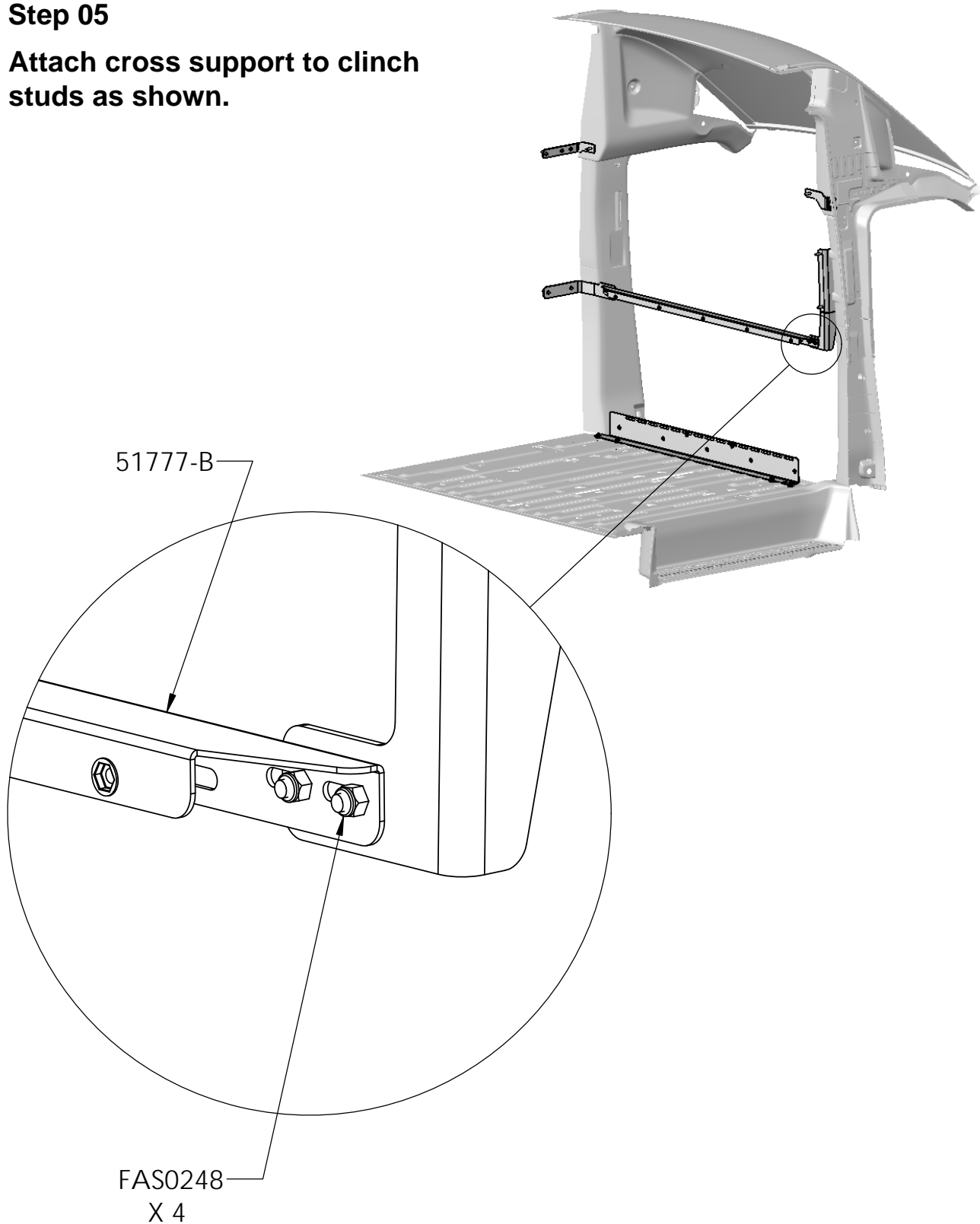
54990-B

FAS0098
X 3

FAS0727
X 3

FAS0078
X 2

FAS0052
X 2

53887-B

FAS0098
X 2
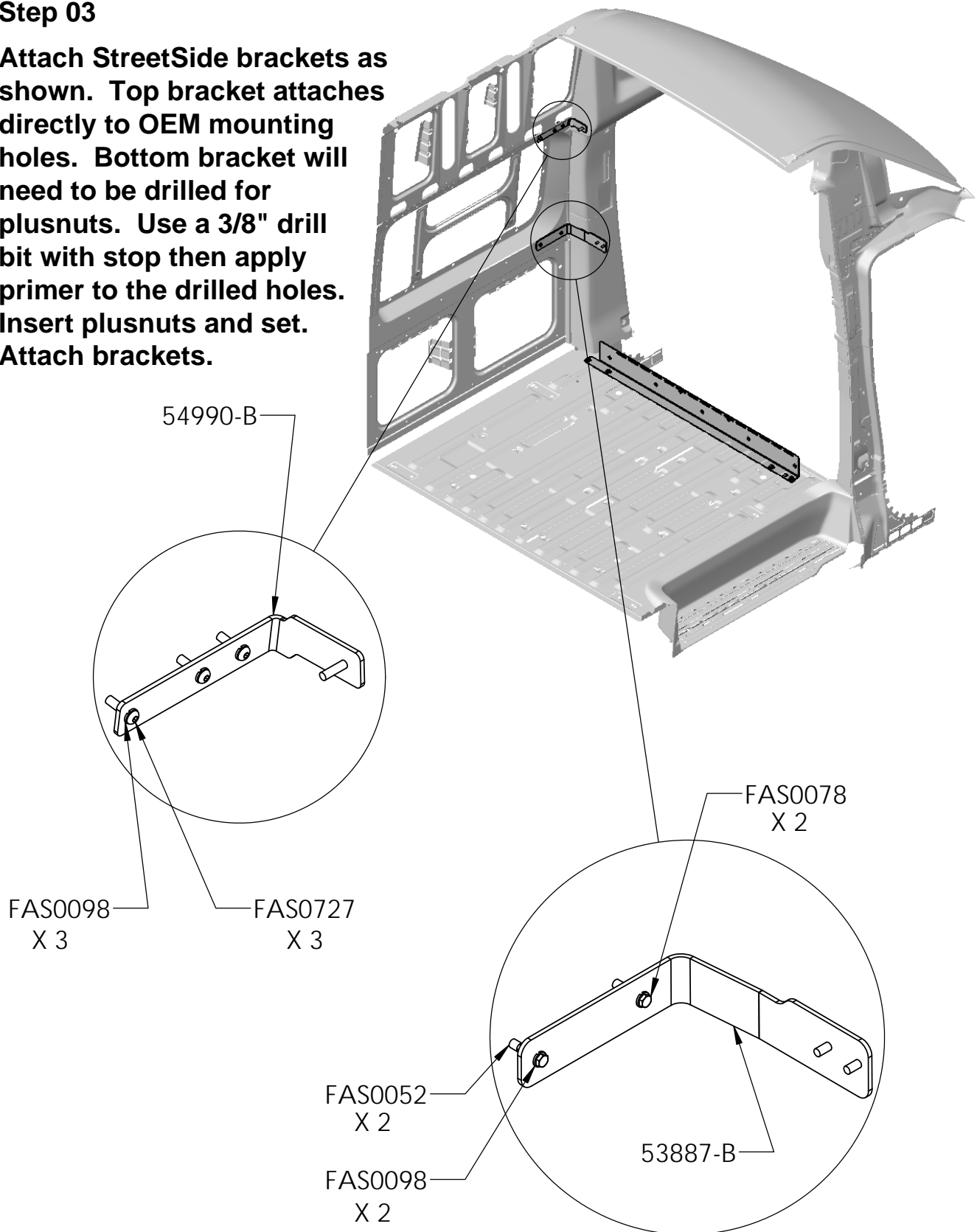
Step 04

Attach curbside brackets as shown. Remove: OEM grab handle, trim plug, and head impact foam on curbside. (Discard all fasteners) Secure brackets by fastening directly to OEM holes.
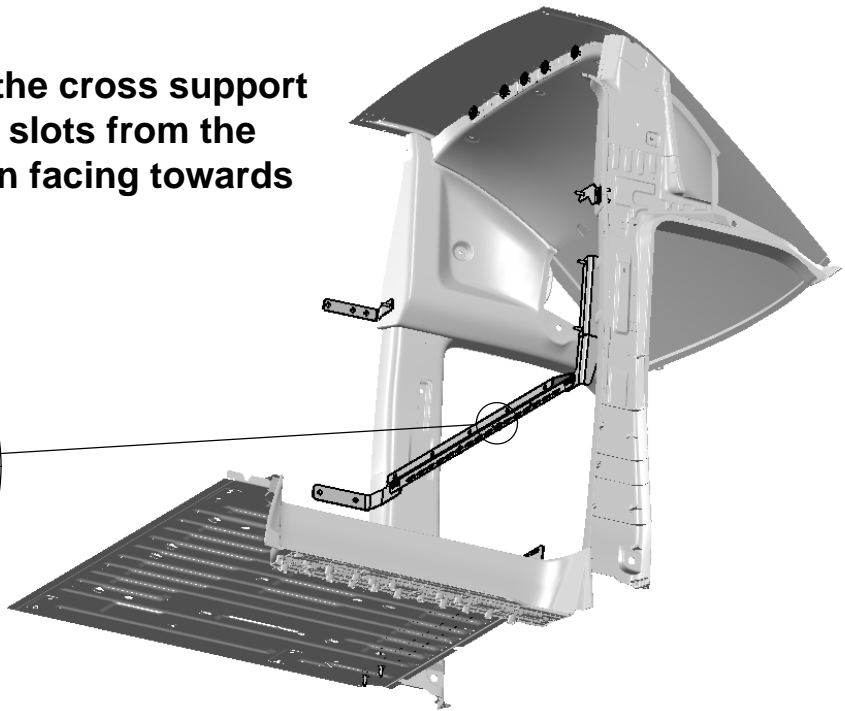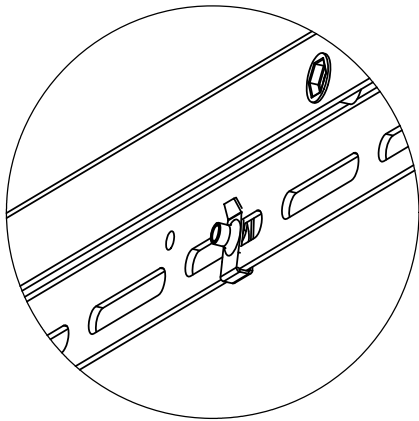
HEAD IMPACT FOAM LOCATION

FAS0727 x 2

FAS0552 x 2

FAS0098 x 2

FAS0727 x 2

54989-B

53888-B

FAS0552 x 2

FAS0098 x 2

FAS0187 x 2

Step 05

Attach cross support to clinch studs as shown.
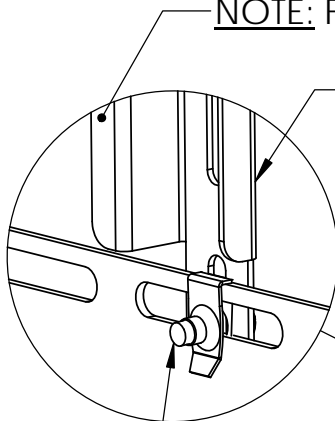

51777-B

FAS0248
X 4

Step 06

Attach two spring clips to the cross support bracket in the 7th and 11th slots from the curbside. Threaded portion facing towards the cargo area as shown.
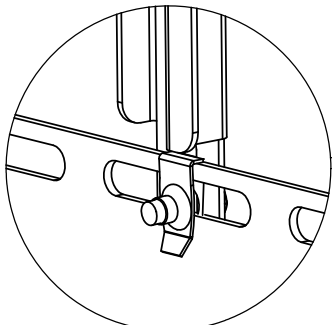

Step 07

Attach vertical brackets as shown.

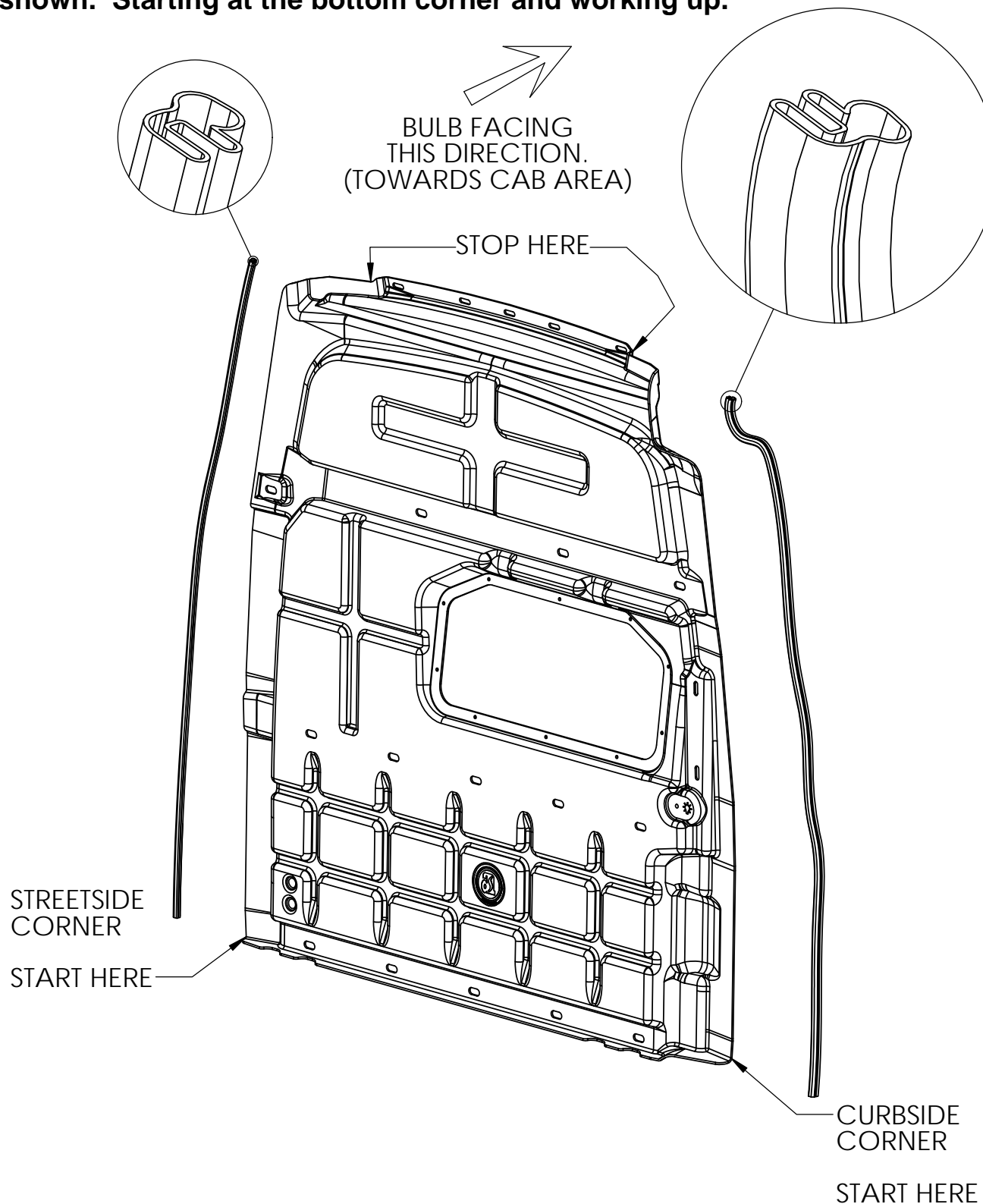NOTE: FLANG FACES OUT TOWARDS SIDE OF VEHICLE.
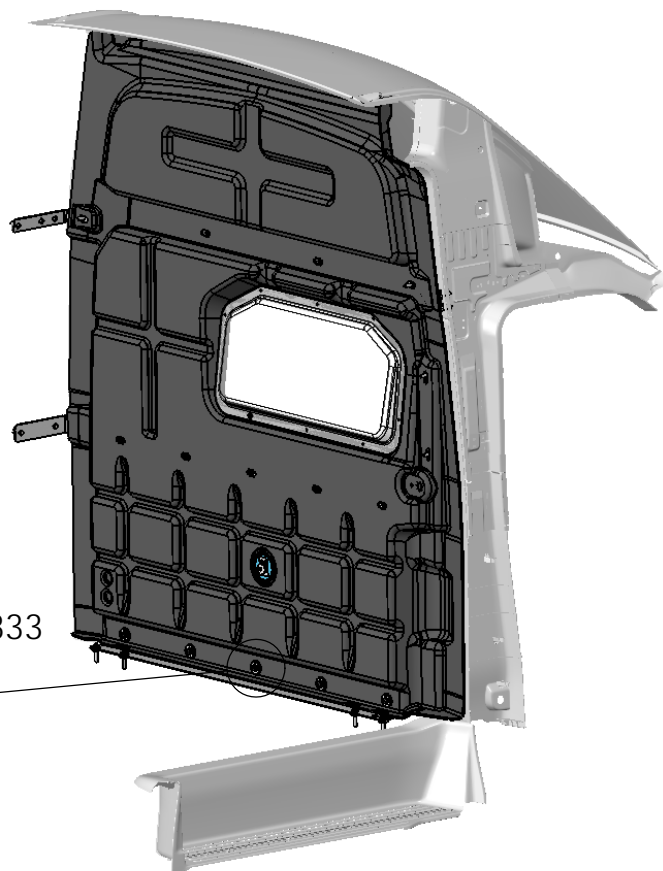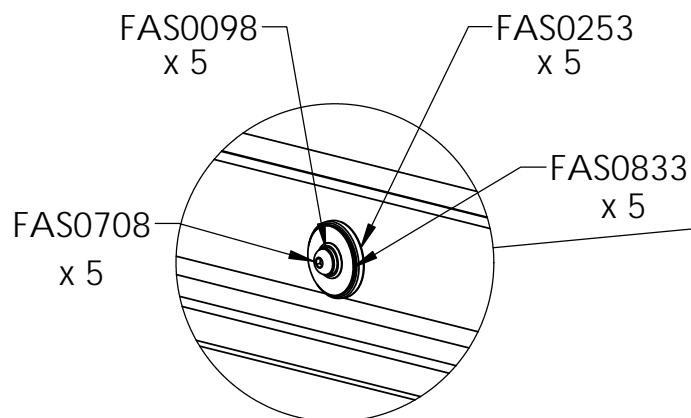
53885-B
x 2

FAS0018
x 4

Step 08

Cut bulb seal in half. Place bulb seal to both sides of the partition as shown. Starting at the bottom corner and working up.
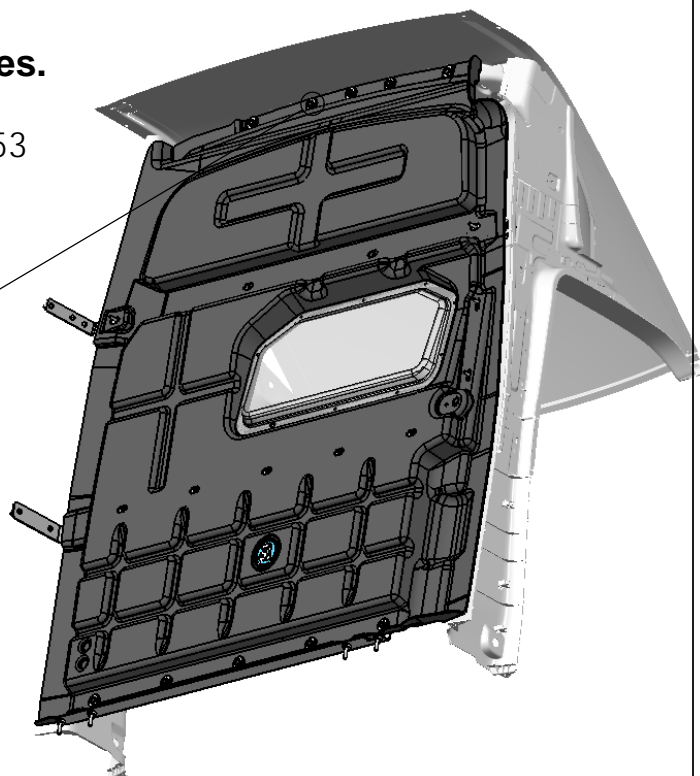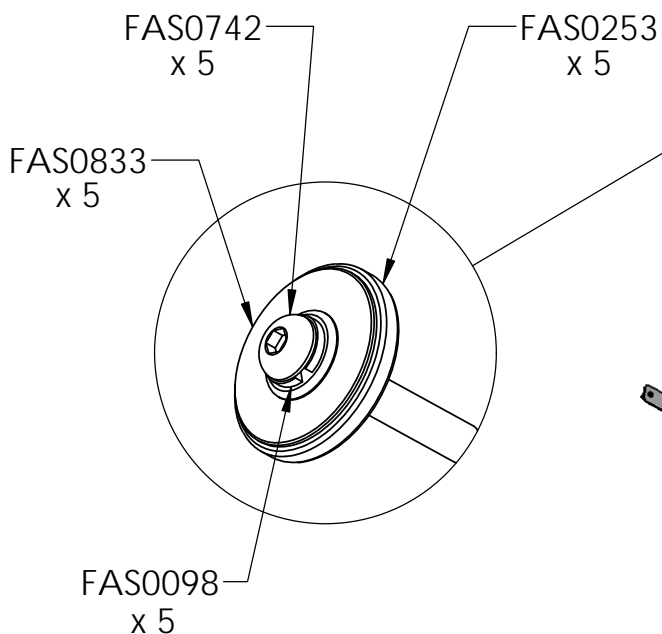
BULB FACING
THIS DIRECTION.
(TOWARDS CAB AREA)

STOP HERE

STREETSIDE
CORNER

START HERE

CURBSIDE
CORNER

START HERE

Step 09

Place partition into vehicle and fasten the 5 bottom slots into footer rail.

FAS0098
x 5

FAS0253
x 5

FAS0708
x 5

FAS0833
x 5

Step 10

Fasten the 5 top slots into OEM holes.

FAS0742
x 5

FAS0253
x 5

FAS0833
x 5

FAS0098
x 5

Step 11

Place top support bracket into place and attach to the curbside and StreetSide as shown.

FAS0552
x 2

FAS0248
x 2

FAS0098
x 2
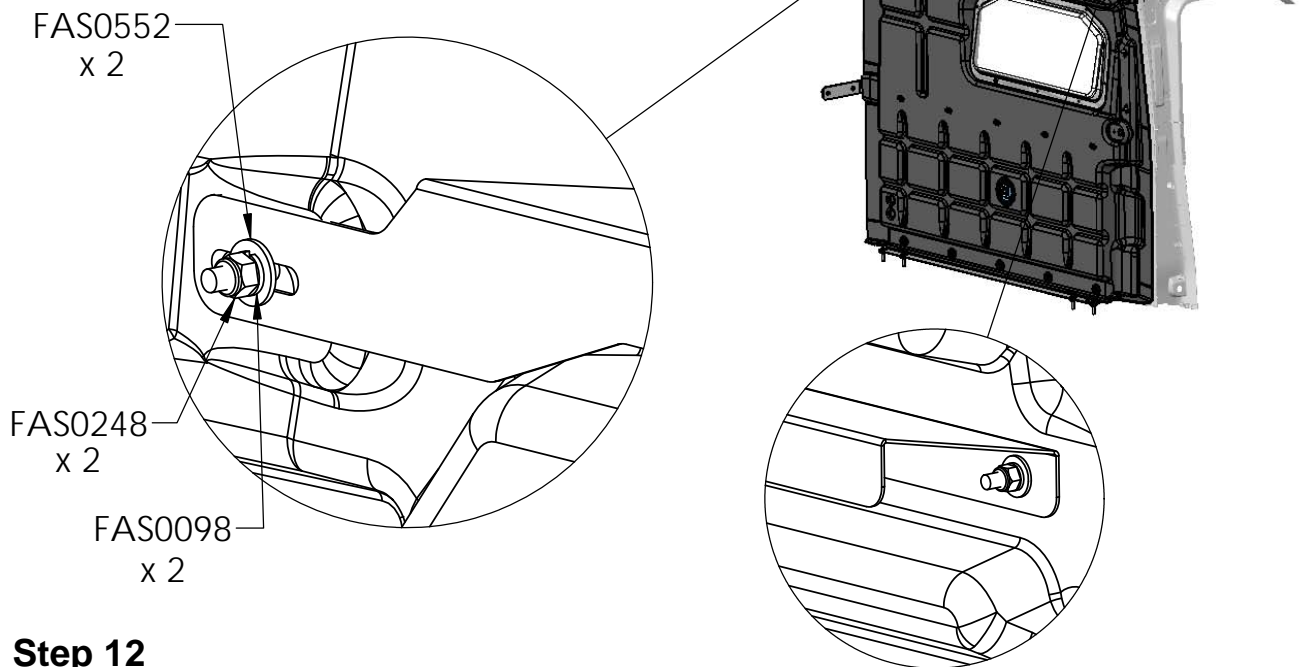
Step 12

From the cab side, fasten the center upper bracket to the partition as shown.

CAB SIDE VIEW

FAS0708
x 2

FAS0253
x 2

FAS0098
x 2

FAS0833
x 2
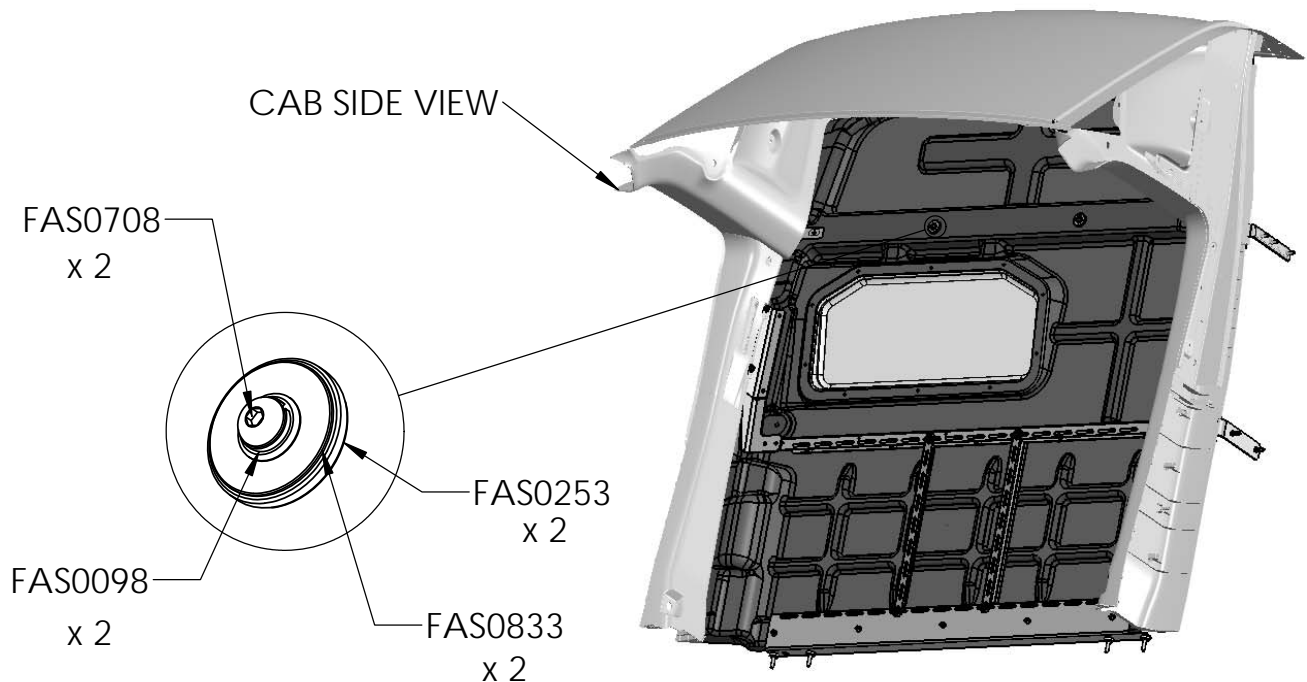
Step 13

Attach and fasten grab handle bracket as shown.

FAS0248
x 2

FAS0552
x 2

FAS0098
x 2
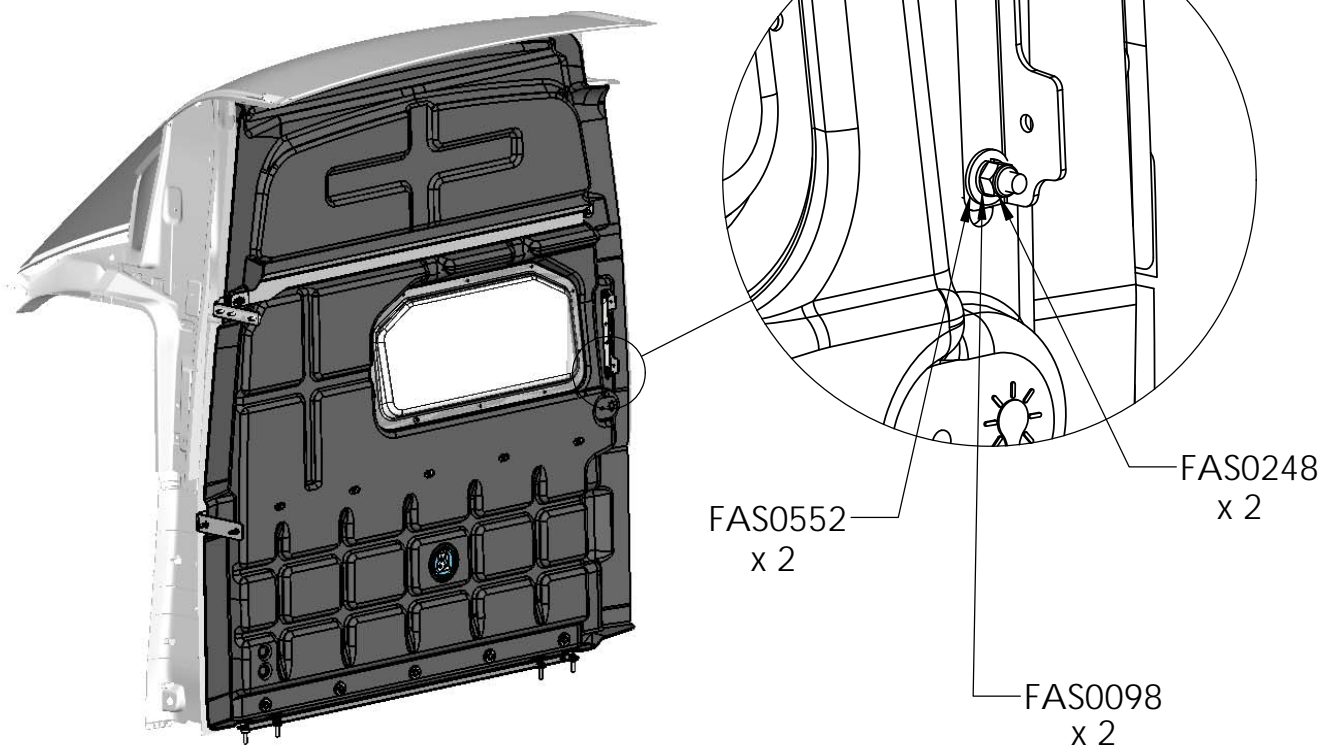
Step 14

Attach and fasten OEM grab handle back on using the fasteners shown.

FAS0055
x 2

FAS0078
x 2

FAS0067
x 2
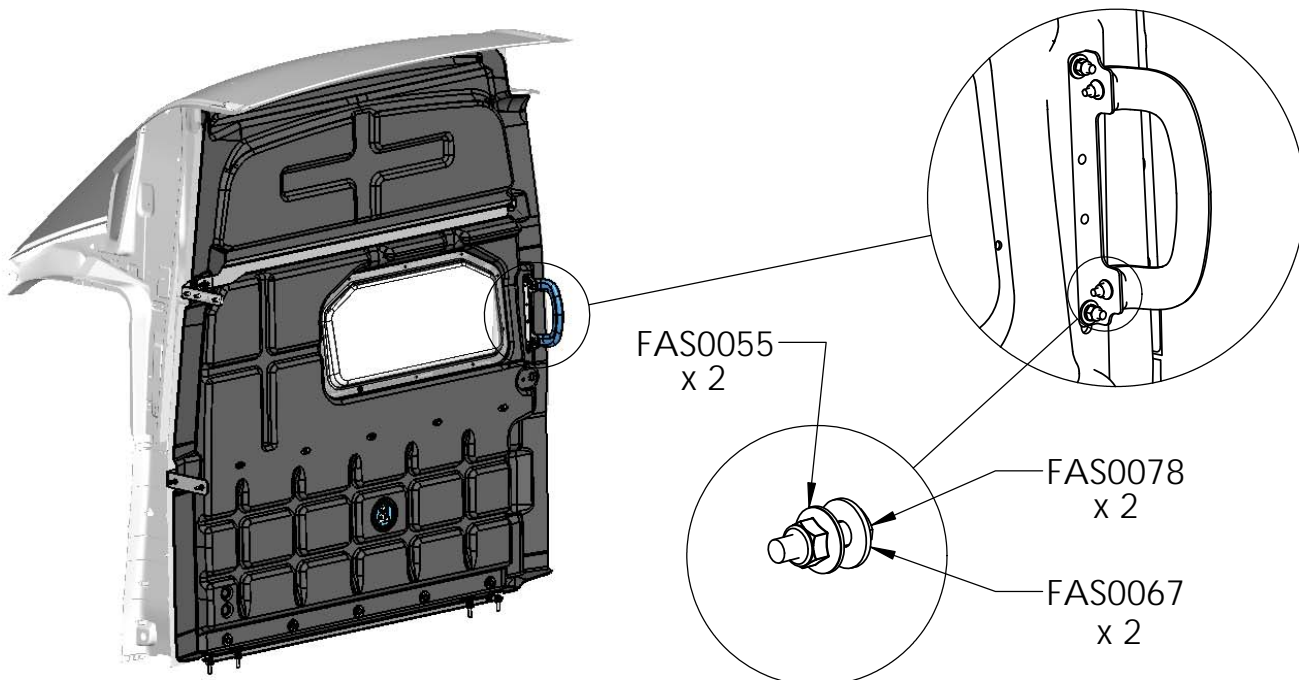
Step 15

Attach end caps to AD rail as shown.

36496-0
x 2
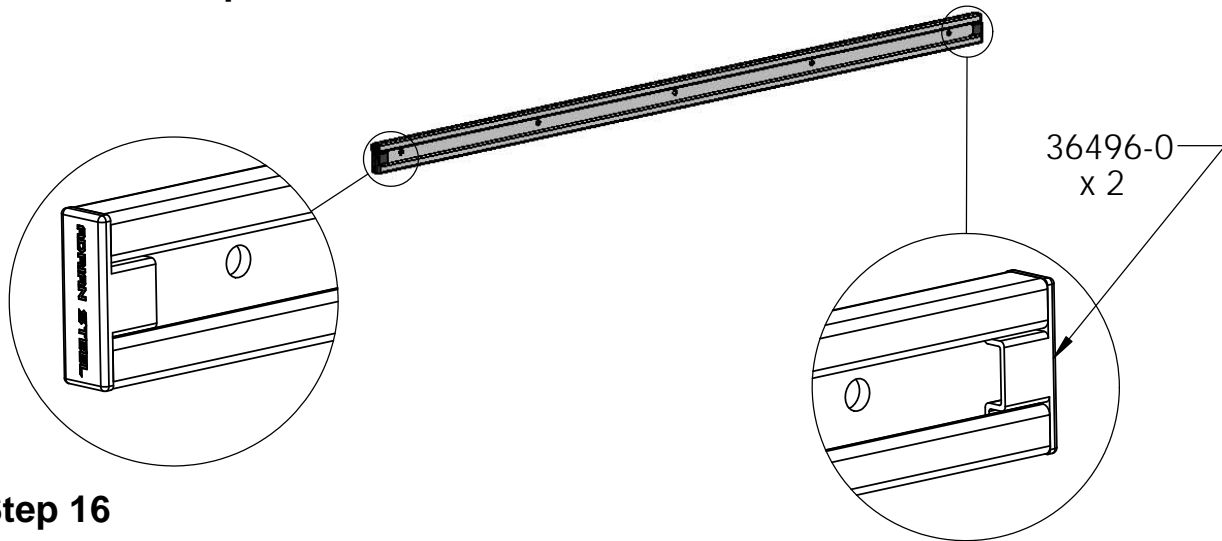
Step 16

Attach AD rail as shown.

FAS0708
x 5

FAS0085
x 5
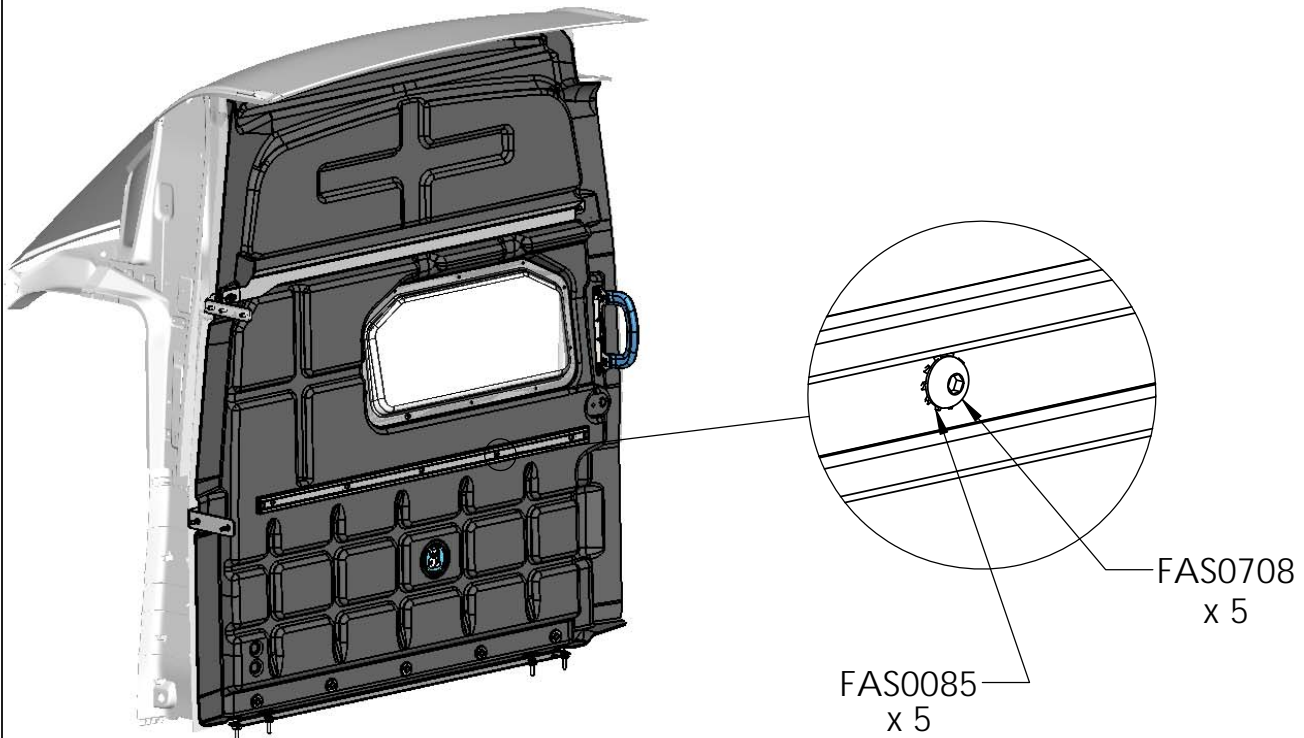
YOUR INSTALLATION IS NOW COMPLETE.

**DOUBLE CHECK ALL FASTENER LOCATIONS TO BE SURE THAT ALL
FASTENERS ARE TIGHTENED TO SPECIFICATIONS.
YOUR INSTALLATION IS NOW COMPLETE!
STOW THIS COPY IN THE VEHICLE FOR FUTURE REFERENCES!**