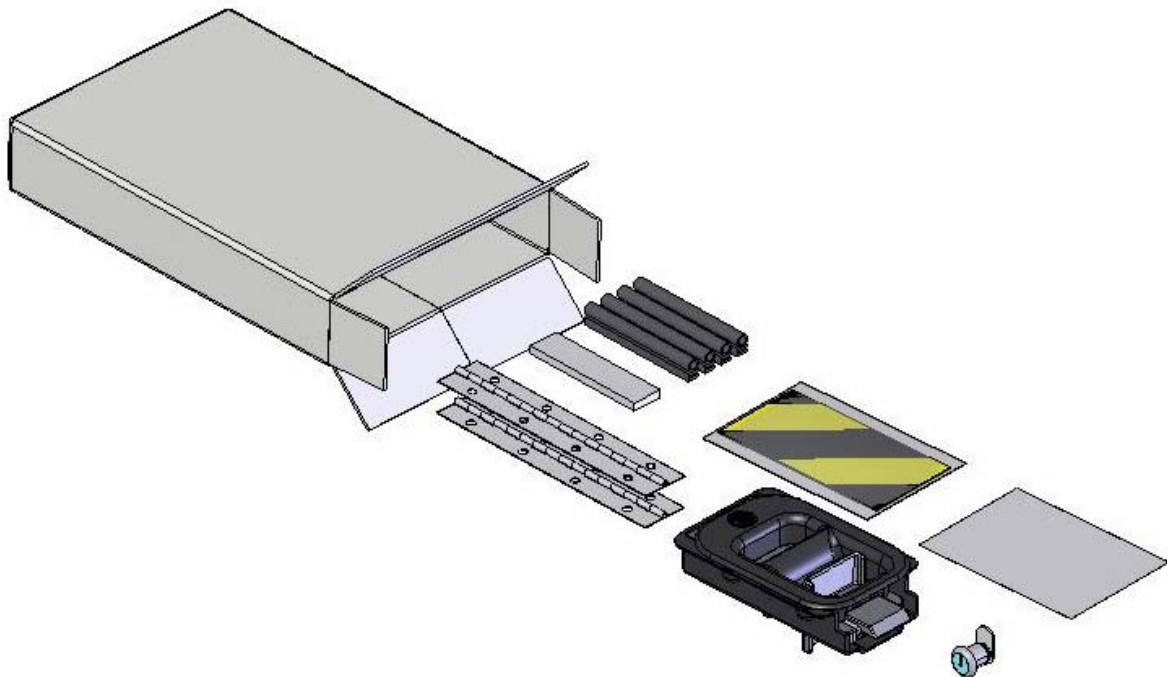




ADRIAN STEEL®

Cargo Management Solutions for Commercial Vehicles

Assembly/Installation Instructions for PDK1



PDK1 Quiet Partition Kit for GMBC

- PRECAUTIONS -





 **CAUTION** 
**THE USE 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
DRILLING TO 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 IN-
STALLATION HOLES!**



- 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



SCREWDRIVERS





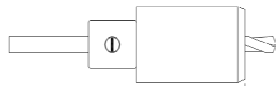
MEASURING TAPE

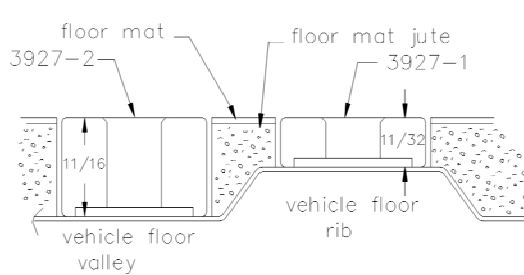
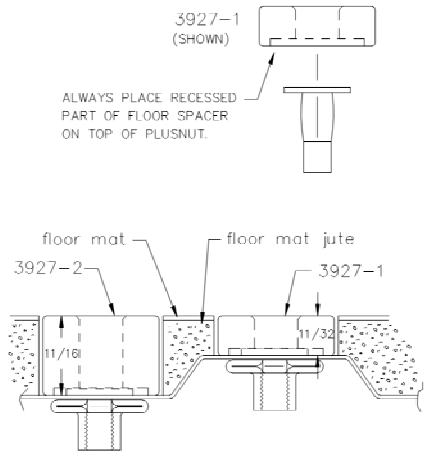
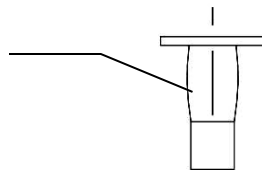
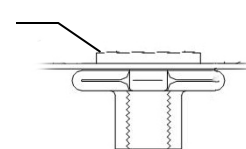
ADDITIONAL TOOLS MAY BE NEEDED FOR THIS INSTALLATION AND THEY WILL BE IDENTIFIED IN THE STEPS THAT FOLLOW.

Assembly/Installation Instructions for PDK1

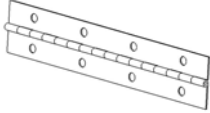




WHEN INSTALLING PLUSNUTS MAKE SURE YOU USE THE CORRECT DRILL BIT WITH A STOP!

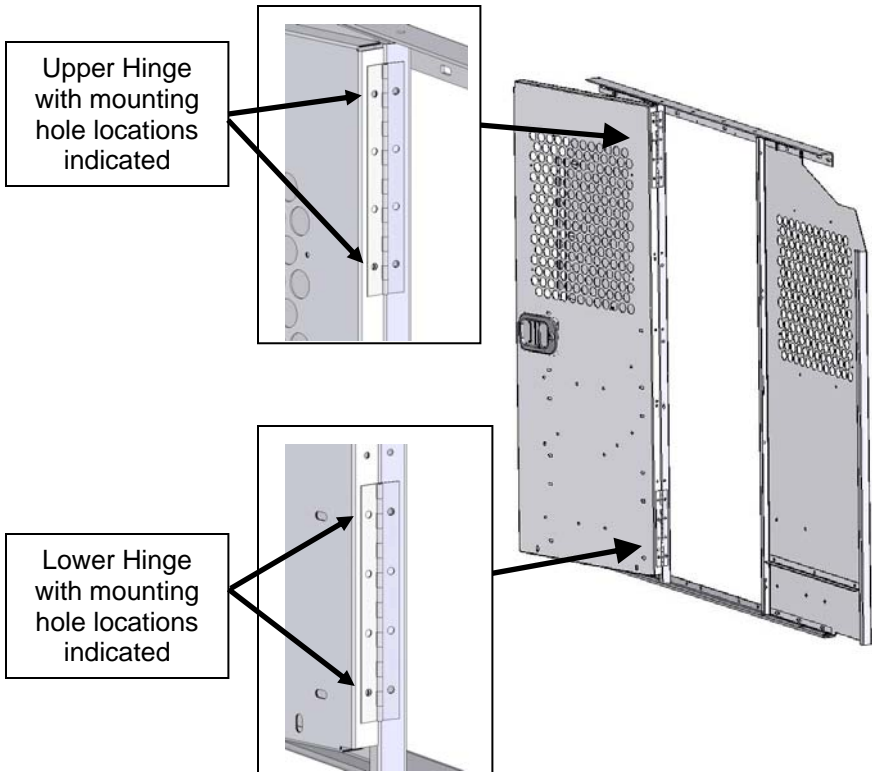
PLUSNUT SIZE	DRILL BIT SIZE
1/4-20 PLUSNUT, FAS0052	USE A 3/8" DIAMETER DRILL BIT WITH A STOP.
5/16-18 PLUSNUT, FAS0091	USE A 1/2" DIAMETER DRILL BIT WITH A STOP.
 OR 	NOTE: A PLUSNUT SETTING TOOL IS REQUIRED FOR PLUSNUT INSTALLATION AND IS NOT SUPPLIED WITH THIS KIT. ORDER PLUSNUT TOOLS FROM ADRIAN STEEL (P.N. 22200-0) OR USE AN AIR POWERED PLUSNUT SETTING GUN.
NOTE: If your vehicle contains carpet or a rubber floor mat you will need to prepare the mounting locations using a 1-3/16" carpet cutter.	1-3/16" DIAMETER CARPET CUTTER P.N. 31183-0. 

	<h1>Step 01</h1> <p>Optional</p>	<p>If your vehicle contains carpet or a rubber floor mat you will need to prepare the mounting locations. (if not, skip to STEP 02)</p> <p>Position the product to be installed into the vehicle and once you are satisfied with the mounting locations, mark the mounting locations. Using a 1-3/16" diameter carpet cutter. Select the appropriate floor spacers as shown in the illustration to the left. Set those aside for use later into the installation process.</p> <p>Once you have prepared the carpet/floor mat for</p>
 <p>3927-1 (SHOWN)</p> <p>ALWAYS PLACE RECESSED PART OF FLOOR SPACER ON TOP OF PLUSNUT.</p>	<h1>Step 02</h1> <p>Prepare Mounting Locations</p>	<p>Using a drill and drill bit (<i>see table at top of page for correct size</i>) drill the mounting holes in the vehicle sheet metal to prepare for installing the plusnuts.</p> <p>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.</p> <p>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.</p>
<p>PLUSNUT (PRIOR TO INSTALLING)</p>  <p>PLUSNUT AFTER INSTALLATION AND SETTING.</p> 	<h1>Step 03</h1> <p>Setting Plusnuts</p>	<p>Using a drill and drill bit (<i>see table at top of page for correct size</i>) drill the mounting holes in the vehicle sheet metal to prepare for installing the plusnuts.</p> <p>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.</p> <p>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.</p>

Assembly/Installation Instructions for PDK1

PARTS YOU WILL USE FOR STEP 04a	37496-0 Hinge, Piano, 1.5"x8" lg Qty = 2	FAS0013 Nut, HxFIng, #8-32UNC Qty = 8	FAS0002 Screw, FltHd Php, #8-32x1/2" Qty = 8	
				

Instructions for Step 04a



Upper Hinge with mounting hole locations indicated

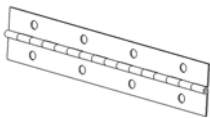


Lower Hinge with mounting hole locations indicated

Attach Hinges on Street Side "S1/S2" Prtn Pnl

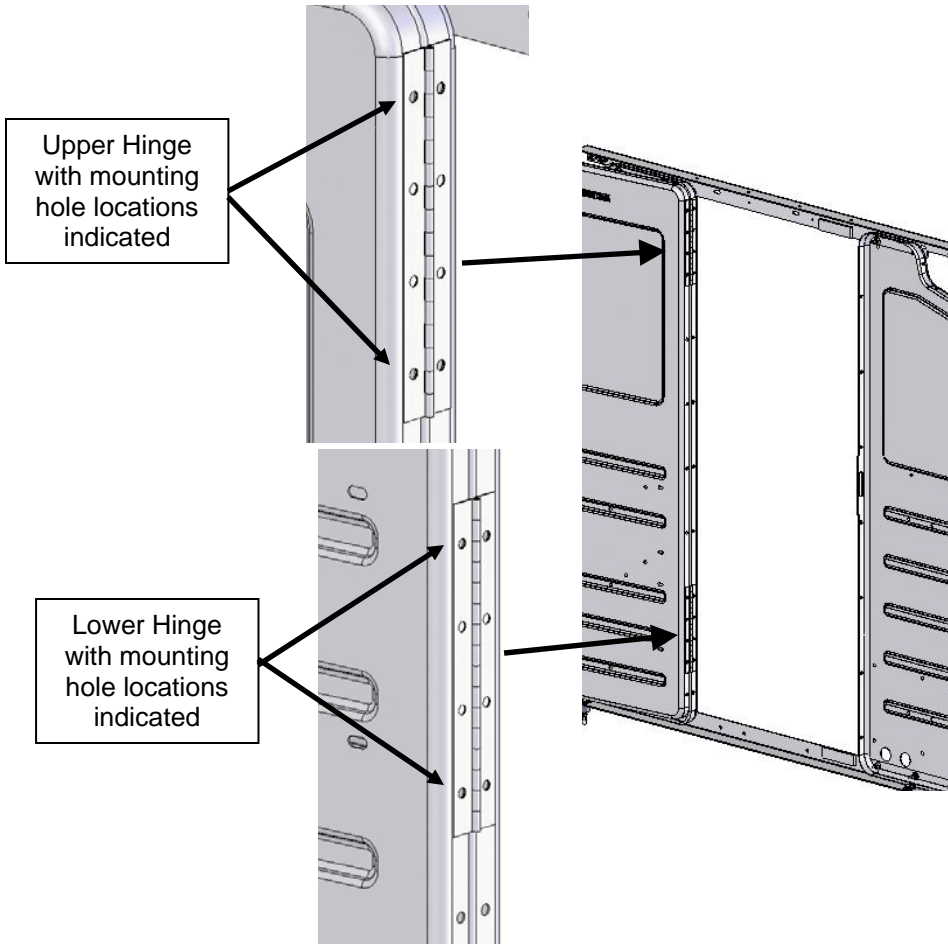
For ASCO Stamped Partition Panels
See Step 04b

Attach upper and lower 8" Piano Hinges to the Partition S1/S2 panel and the Partition M1/M2 panel with (8) #8-32 x 1/2" Flat Head Screws, and (8) #8-32 Hex Flange Nuts. Leave all fasteners finger tight at this time. Next square up the door hinges relative to the S1/S2 and M1/M2 partition panels. Torque to 24 in-lbs (+/- 3 in-lbs) and check door for proper swing operation before proceeding.

Assembly/Installation Instructions for PDK1

PARTS YOU WILL USE FOR STEP 04b	37496-0 Hinge, Piano, 1.5"x8" lg Qty = 2	FAS0013 Nut, HxFIng, #8-32UNC Qty = 8	FAS0002 Screw, FltHd Php, #8-32x1/2" Qty = 8	
				

Instructions for Step 04b



Upper Hinge
with mounting
hole locations
indicated





Lower Hinge
with mounting
hole locations
indicated

**Attach Hinges on
Street Side "S1/S2"
Prtn Pnl**

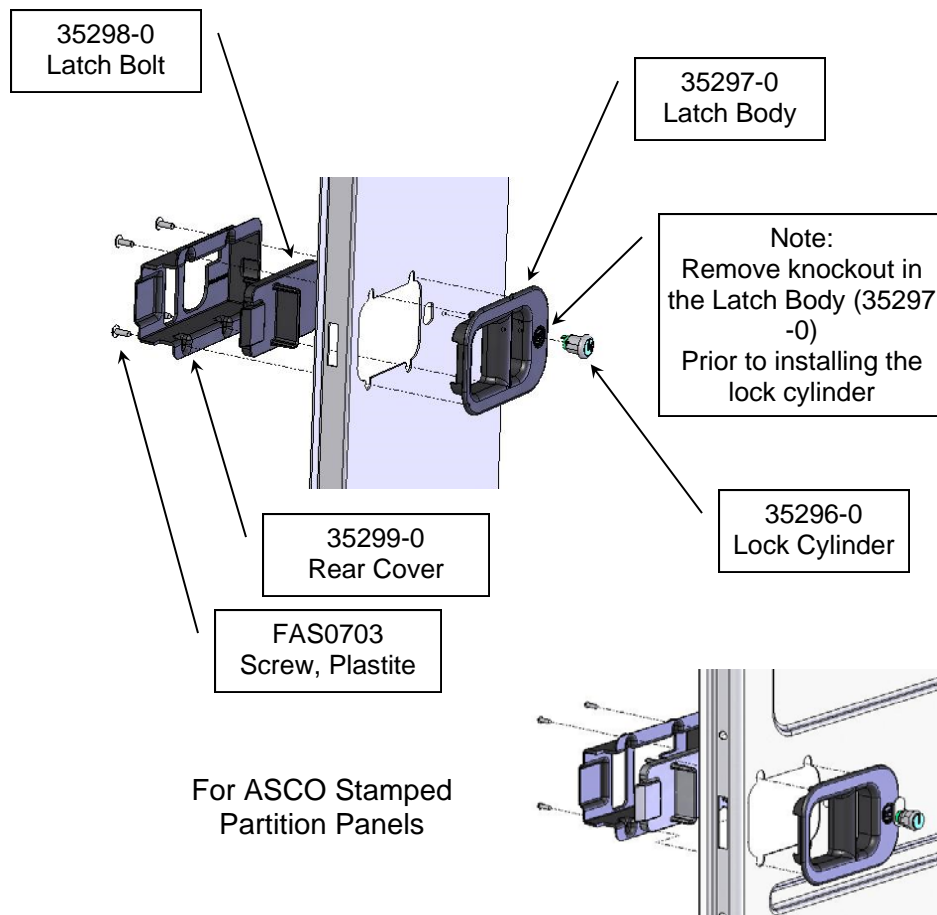
Attach upper and lower 8" Piano Hinges to the Partition S1/S2 panel and the Partition M1/M2 panel with (8) #8-32UNC x 1/2" Flat Head Screws, and (8) #8-32UNC Hex Flange Nuts. Leave all fasteners finger tight at this time. Next square up the door hinges relative to the S1/S2 and M1/M2 partition panels.

Torque to 24 in-lbs (+/- 3 in-lbs) and check door for proper swing operation before proceeding.

Assembly/Installation Instructions for PDK1

PARTS YOU WILL USE FOR STEP 05	FAS0703 Screw, Plastite Qty = 4			
				
	35297-0 Latch Body Qty = 1	35298-0 Latch Bolt Qty = 1	35299-0 Rear Cover Qty = 1	35296-0 Lock Cylinder Qty = 1
				

Instructions for Step 05



Slam Latch Install On M1/M2/M3 Door Prtn Panels


For ASCO Stamped
Partition Panels
See Insert View (lwr
right)

Remove the two Knock-out pieces in the Door Panel. Use a Flat bladed screwdriver, start at one side, and gently pry knockouts loose.

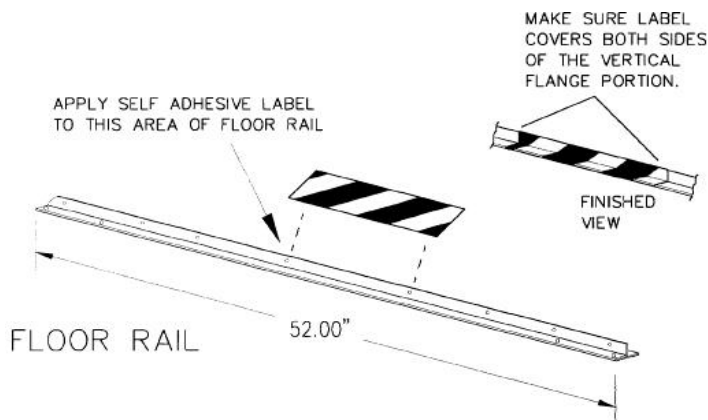
Secure the latch to the door

If door is to be a “Locking Door”, add Lock Cylinder through Slam Latch Body in door panel. There are 2 versions of lock. One snaps into slam latch, the other is held with hex head nut on the backside.

Assembly/Installation Instructions for PDK1

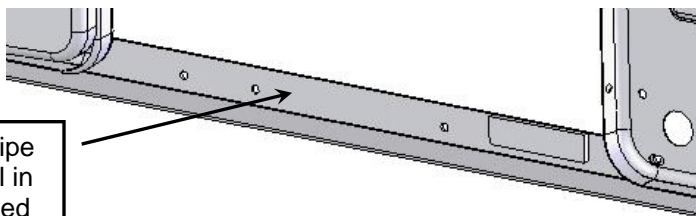
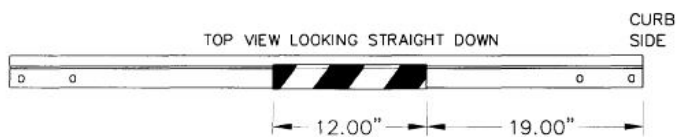
PARTS YOU WILL USE FOR STEP 06	30816-0 Decal, Warning Stripe Qty = 1			
				

Instructions for Step 06




Attach Caution Stripe to Partition Mount Rail (at floor)

For ASCO Stamped
Partition Floor Rail
See Bottom Detail View
for Warning Stripe De-
cal Placement

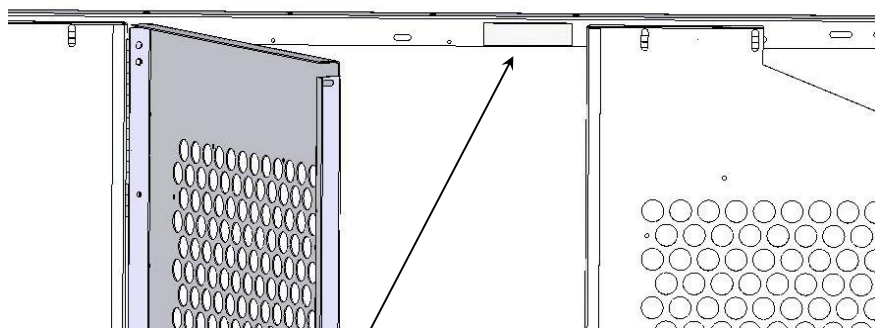


Apply Warning Stripe
Decal to Floor Rail in
this Area as outlined
above

Assembly/Installation Instructions for PDK1

PARTS YOU WILL USE FOR STEP 07	45265 FOAM PAD 0.25X1.25X3 w/Self Adh Bkng Qty = 1			
				

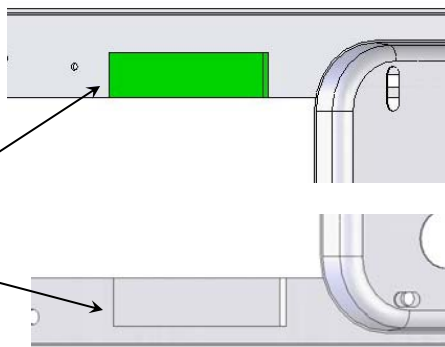
Instructions for Step 07



Foam Tape applied to bottom edge of partition upper header rail

For ASCO Stamped Partition Panels

Cut 3" Foam Tape into two equal lg pcs (1.5" ea) and apply to both the upr hdr rail and lwr floor rail as shown at right




Attach Foam Tape to Partition Header Rail

Remove backing from foam pad, and apply to Header Rail face, near the top edge, and near the end of the door swing. Close door to make sure door touches the foam strip.

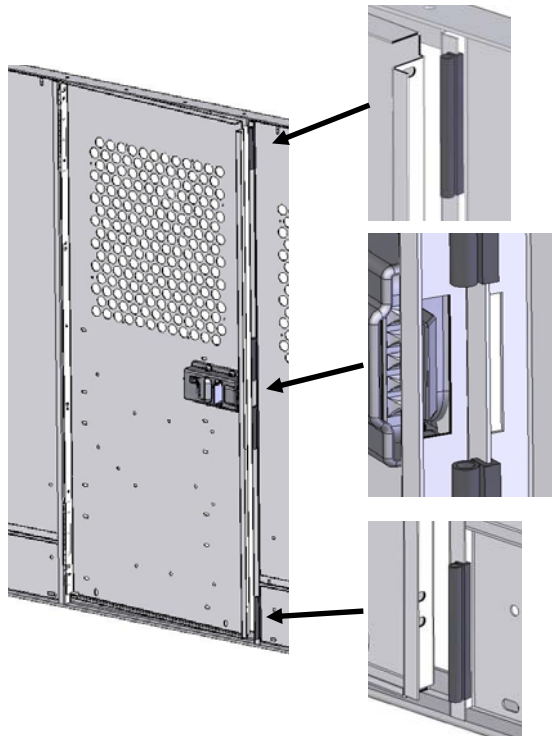
Note:

For the ASCO Stamped Partition Asm the Foam Tape must be cut into two (1.5" long) pcs and applied to both the upper header rail and lower floor rail as shown.

Assembly/Installation Instructions for PDK1

PARTS YOU WILL USE FOR STEP 08	37497-0 Seal, Door Edge (w/Bulb) Qty = 4			
				

Instructions for Step 08



YOUR INSTALLATION IS NOW COMPLETE! STOW THIS COPY IN THE VEHICLE FOR FUTURE REFERENCE!

Attach Door Edge Trim to Curb Panel

Slide the Door Edge Seal over the lip of the C1/C2 partition panel as shown at left. Make sure the bulb of the edge seal is facing outward such that it contacts the M1/M2/M3 door panel when door is in the CLOSED and LATCHED position.

Note the ends of the two center pieces of the door edge seal should not extend over the C1/C2 door latch assembly engagement slot.

NOTE:
The Stamped SMC
Partition Assembly
does not use the
Door Edges Seals