



Aisle Containment Doors Installation Instructions



Instructions for the following Great Lakes
Aisle Containment Doors: ACD910ES, ACD840ES,
ACD790ES, ACDQR91, ACDQR84, ACDQR79

GreatCabinets.com

1.866.879.4522

AISLE CONTAINMENT DOORS (ACD) FOR ES AND EN ENCLOSURES

The same set of components and hardware are supplied with ACD's for ES and EN Enclosures; however, when mounting doors to ES Enclosures, there will be hardware and components that are not used.

HARDWARE INCLUDED:

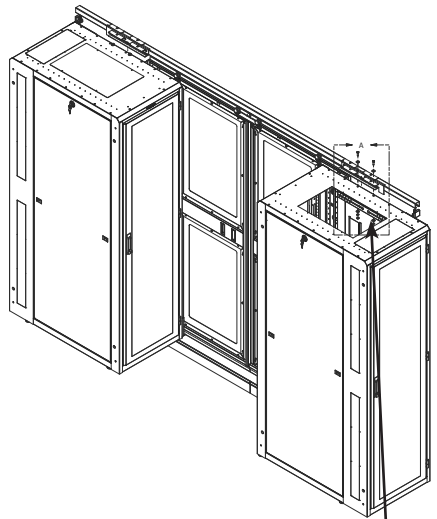
STEP 2:	PART	QTY.
TOP TRACK	5/16" - 18 x 1" Hex Head	4
	Cap Screw Bolt	
	5/16" Washer Split Lock	4
	5/16" Flat Washer	8
	5/16" Hex Nut	14
STEP 3: ALIGNMENT BRACKETS	#10-32 Wing Nut	4
	1/4" - 20 x 1/2" Carriage Bolt	2
	1/4" - 20 Hex Nut with	4
	Serrated Flanged Nut	
	#10 Zinc Plated Washers	4
	#10-32 x 3/8" LG Screw	2
	Zinc Plated Washers	4
STEP 4: AISLE DOORS	Door, Panel (either Standard	2
	Sliding Door or Quick Release	
	Door, dependent upon part that	
	was ordered)	
	Brush Grommet (pieces will vary	
	based on whether Standard Doors or	
	Quick Release Doors were ordered)	
	1/4" - 20 x 1/2" Carriage Bolt	2
STEP 5: Trolley Hardware	Trolley Assemblies	4
	#10-32 x 1/2" screw	8
STEP 11: ADJUSTABLE SHIMS	Height Adjustable Shim	8
	5/16" - 18 x 1" Hex Head Bolt	2
	5/16" Flat Washer	2

Call 1.866.TRY.GLCC

AISLE CONTAINMENT DOORS FOR ES ENCLOSURES

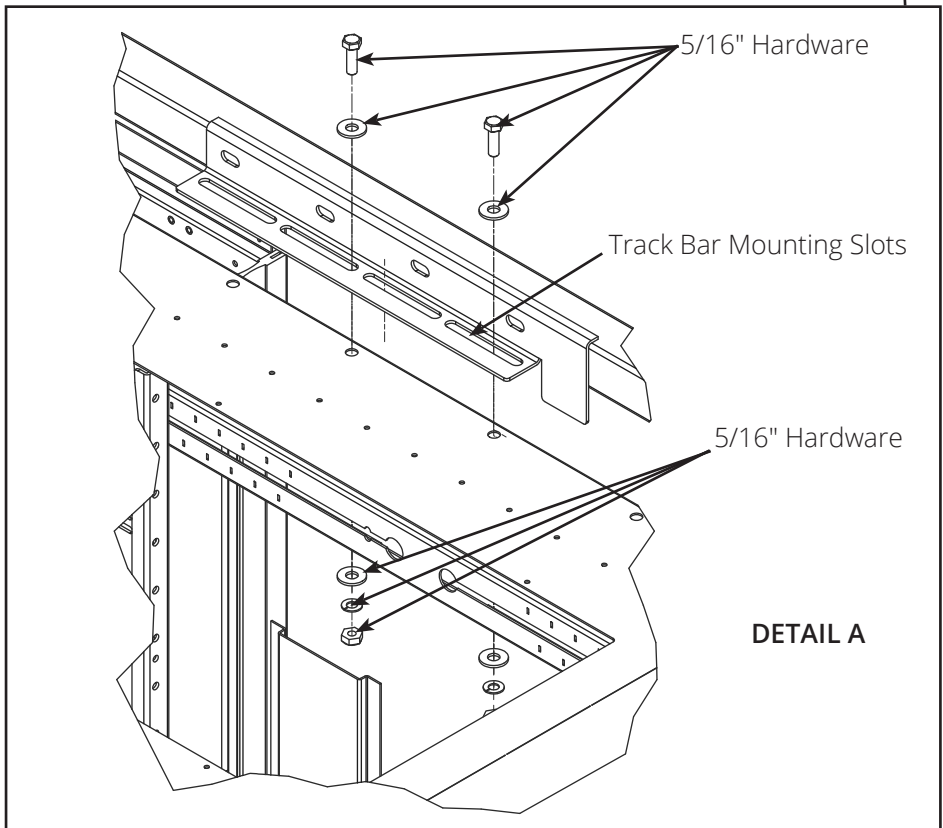
STEP 1

The correct set of aisle containment doors will be based on the height of enclosures. Aisle spacing can be from 48" – 72"W. Align enclosures to meet these dimensions. *Side panels must be installed.*



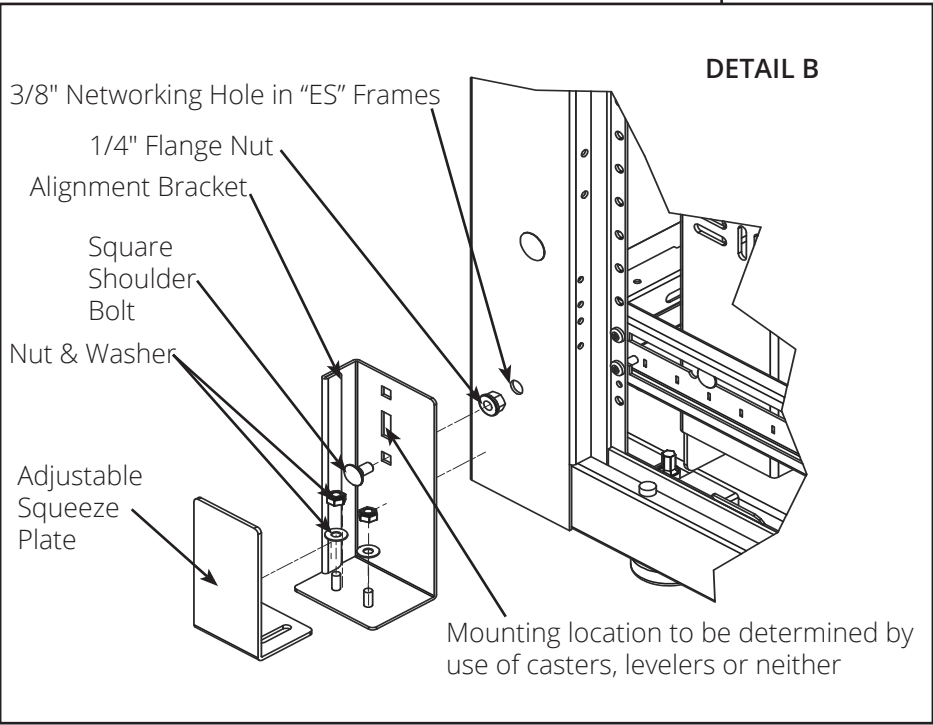
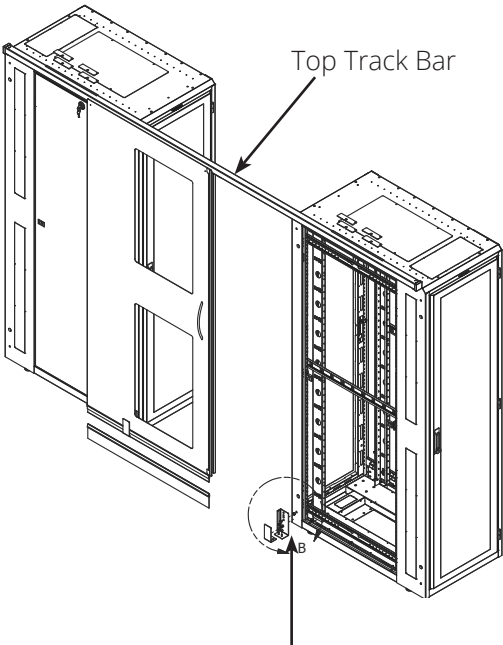
STEP 2

Place top track bar onto enclosures. Install 5/16" hardware through two locations, as shown in Detail A. Install hardware on second enclosure in the same manner.



STEP 3

Remove plugs from networking holes found at the bottom side of each enclosure. Install left and right alignment brackets as shown in Detail B. Do not tighten the adjustable squeeze plate.



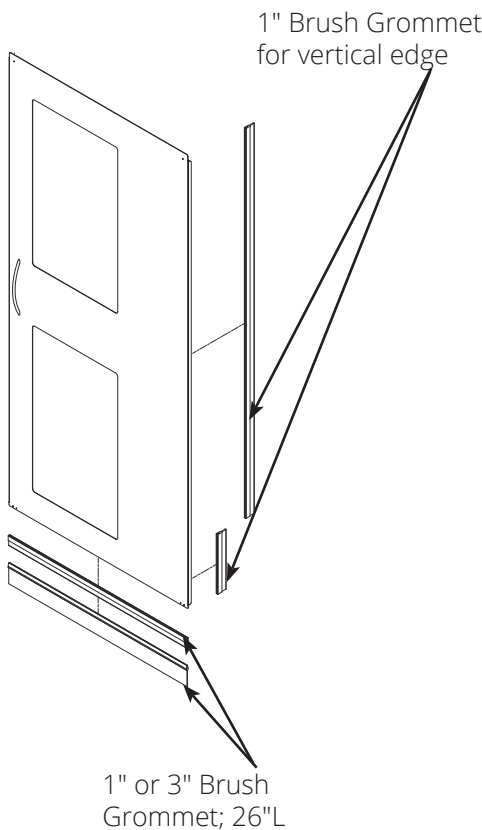
STEP 4

Install two pieces of 1" brush along the vertical edge of the door, on both the left and right door. One piece of brush will be 72" long; the length of the second piece will be dependent on the height of the aisle doors (91"H enclosures will have a 17" piece, 84"H will have a 12" piece, and 79"H will have a 6" piece).

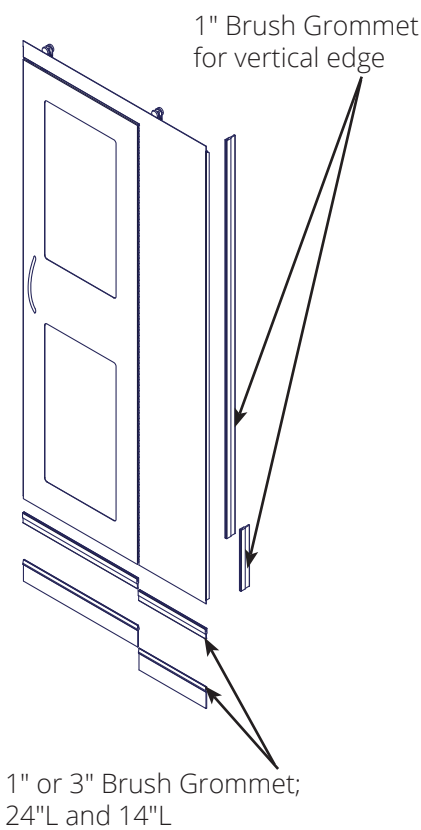
1" and 3" brush is supplied to go along the bottom of the door. When using casters or levelers, 3" brush should be installed. If enclosures are bolted to the floor, 1" brush should be installed.

If standard sliding doors were ordered, one piece of 26" long brush is installed along the bottom of each door. If quick release doors were ordered, a piece of 24" and 14" brush will be installed along the bottom of each.

STANDARD SLIDING DOOR

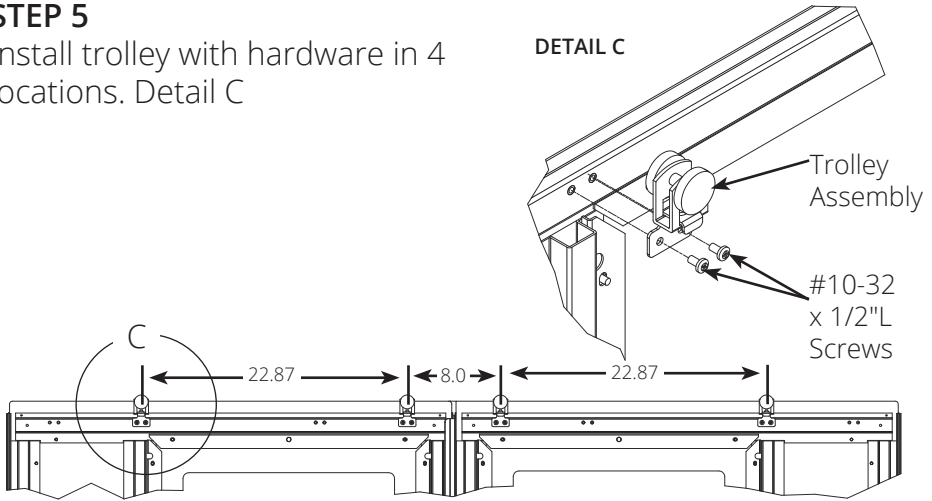


QUICK RELEASE DOOR



STEP 5

Install trolley with hardware in 4 locations. Detail C

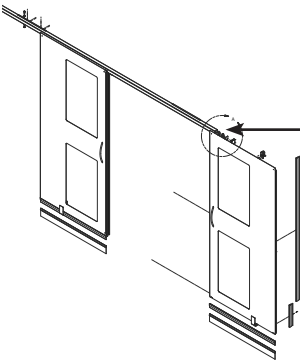


Top Inside View

Note: Trolley Mounting Location

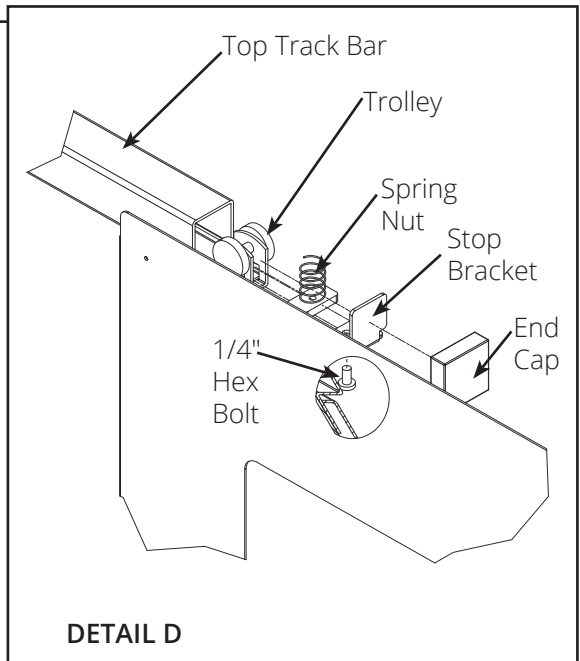
STEP 6

Remove end stops as shown in Detail D, slide left and right doors onto appropriate sides of track (with brush on outer perimeter). Detail D



STEP 7

Reinstall end caps as shown in Detail D.



STEP 8

Center both doors on track.

STEP 9

Tighten the adjustable bottom alignment bracket squeeze plates
See Detail B on page 2.

STEP 10

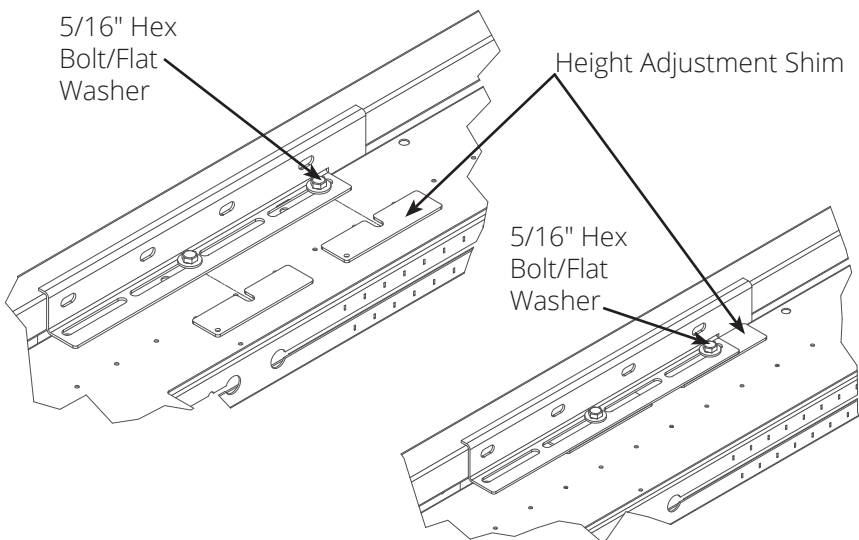
If installing ACD910ES, ACD840ES, or ACD790ES, place
"TO OPEN DOOR SLIDE" sticker in a visible location.

If installing ACDQR91, ACDQR84, or ACDQR79, doors can be
pulled open or slid open from outside of the aisle; doors can be
pushed open or slid open from inside the aisle.



STEP 11

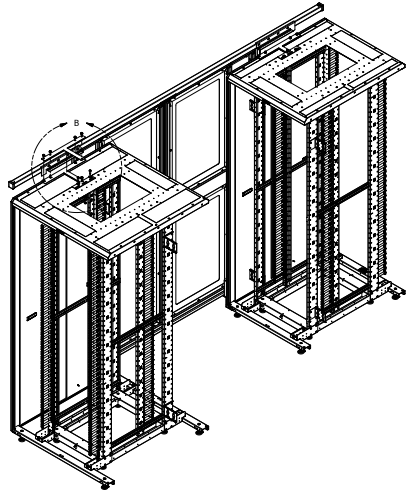
After final assembly, if there is excessive interference between
the brush on the bottom of the doors and the floor, loosen the
bolts that hold the rail assembly to the enclosure and slide the
adjustment shims under the mounting brackets. Tighten the bolts
and test for interference. If there is still excessive interference,
repeat the process and add the second set of shims on top of
the first set.



AISLE CONTAINMENT DOORS FOR EN ENCLOSURES

STEP 1

The correct set of aisle containment doors will be based on the height of enclosures. Aisle spacing can be from 48" – 72"W. Align enclosures to meet these dimensions. *Side panels must be installed.*



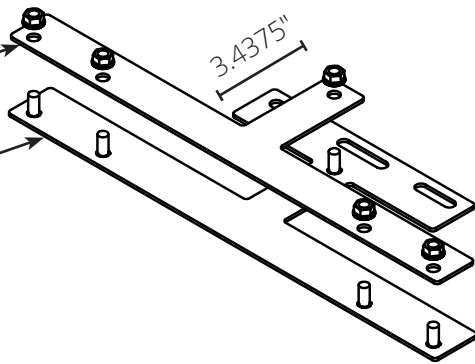
STEP 2

Four sets of EN Top Adapter brackets are included with component parts. Two sets of brackets are for use when mounting ACDs to 32"W EN Enclosures; two sets are for use with 40"W EN enclosures. Determine the appropriate brackets to be used before installing any hardware.

Top Adapter Bracket for 32"W EN Enclosure

Top Washer Plate

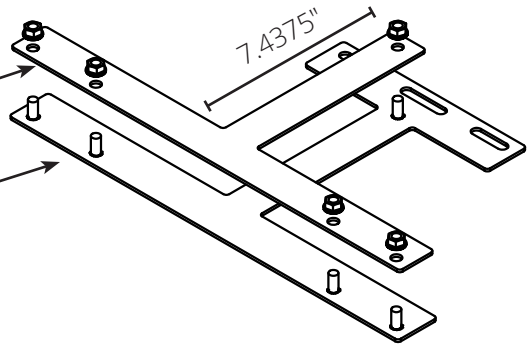
Bottom Support Plate



Top Adapter Bracket for 40"W EN Enclosure

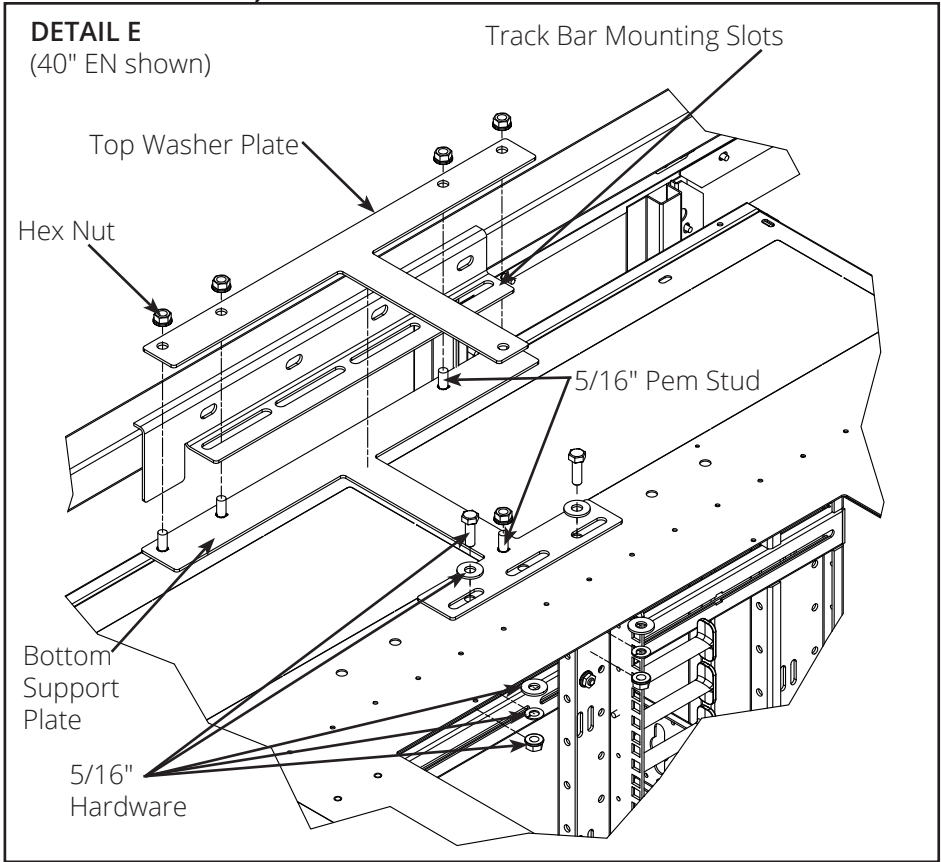
Top Washer Plate

Bottom Support Plate



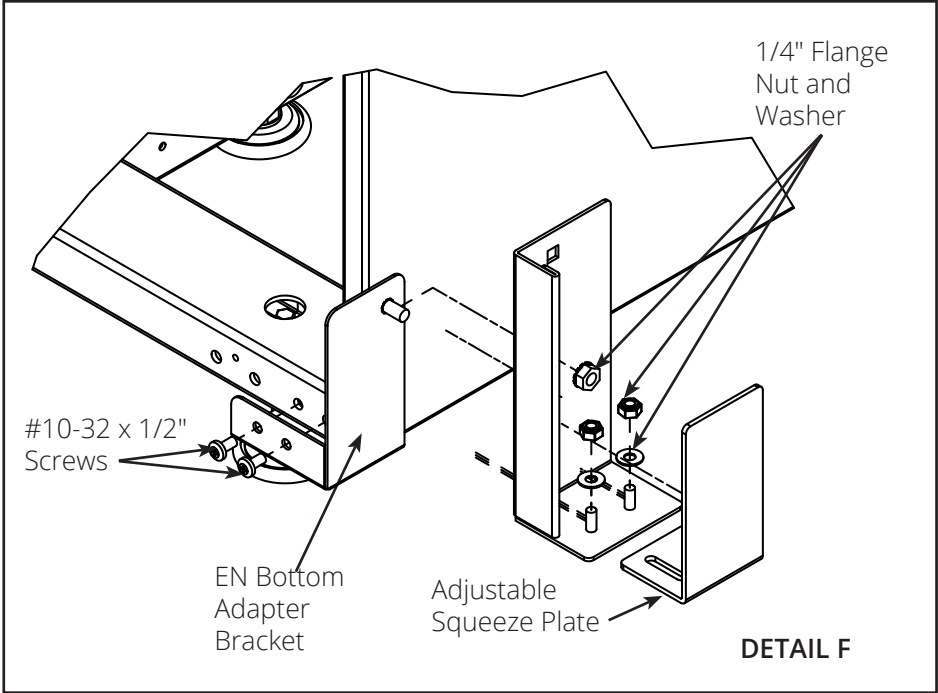
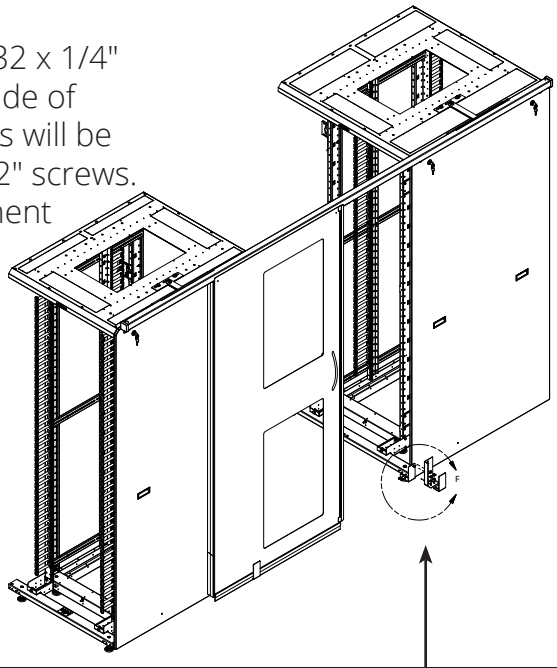
STEP 3

- A.** After determining the appropriate Top Adapter Brackets are being used, install Bottom Support Plate on the enclosure with 5/16 hardware, as shown in Detail E.
Install Bottom Support Plate on the second enclosure in the same manner.
- B.** Place top track bar onto enclosures.
- C.** Place top washer plate over track bar and onto threaded studs. Secure with hex nuts as shown in Detail E.



STEP 3

Remove the existing #10-32 x 1/4" screws from the bottom side of each enclosure; the screws will be replaced with #10-32 x 1/2" screws. Install left and right alignment brackets as shown in Detail F. Do not tighten the adjustable squeeze plate.



STEP 4-11

The remaining steps for installing ACD on EN enclosures is identical to steps 4-11 of ES enclosure. See pages 3-5.



Thank you
for your
business!



ETSI Associate Member

FORM: #MS - 5.02-20, REV 5