

# Z-Articulating Cap Sill Cut Down Instructions

September 1st, 2015

## Required Tools

1. **Pen or Pencil:** To mark cap and sill cutline.
2. **Cutting Tool:** Chop /Miter Saw recommended to trim cap and sill to proper length.

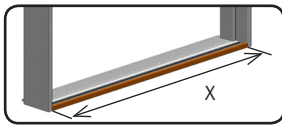
## For Resizing Loose Z- Articulating Caps

### 1. Cutting NEW Replacement Z-Articulating Caps to Length

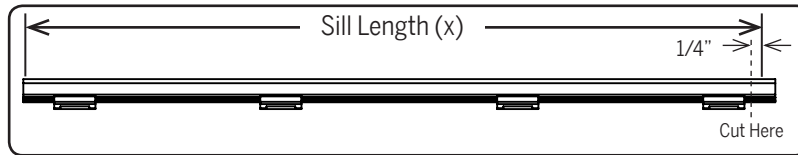
#### FOR SINGLE DOOR APPLICATIONS

**CAUTION:** Measure carefully and cut precisely within 1/32" to ensure proper operation. A cap cut too short will not seal correctly.

- a) Measure the length of the sill.

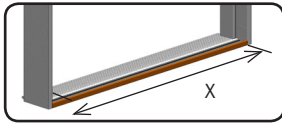


- b) Measure and cut new cap to match width of active opening (Standard Sill Length) of the sill minus 1/4".



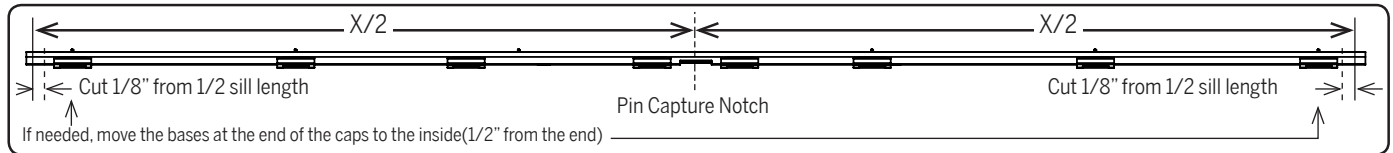
#### FOR FRENCH (DOUBLE) DOOR APPLICATIONS

- a) Measure the length of the sill.



- b) Cut from both ends of the cap to ensure notch remains in the center of the cap.

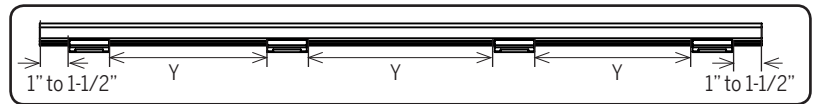
**CAUTION:** Measure carefully and cut precisely within 1/32" to ensure proper operation. A cap cut too short will not seal correctly.



### 2. Check Cap Assembly

#### APPLY BASES- SINGLE OPENING DOORS ONLY

- a) Ensure that 4 bases are used and properly positioned.

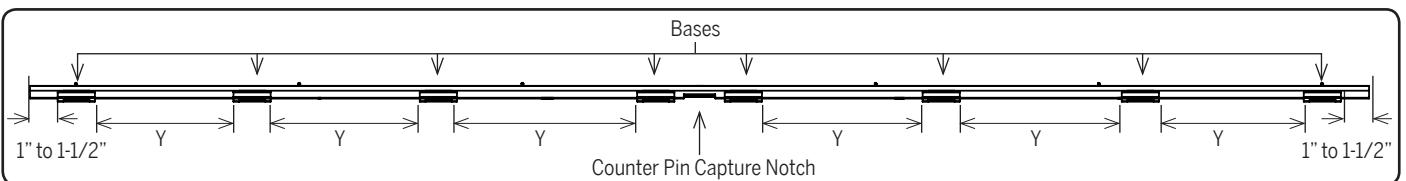


The end bases should be 1" to 1-1/2" from the end of the cap, and the two center bases should be evenly spaced between the 2 end bases approximately 9" - 10" inches apart.

#### APPLY BASES- FRENCH (DOUBLE) OPENING DOORS ONLY

- a) Ensure that 8 bases are used and properly positioned.

The end bases should be 1" to 1-1/2" from the end of the cap, and the 4 center bases should be evenly spaced between the 2 end bases approximately 10" - 11" inches apart.



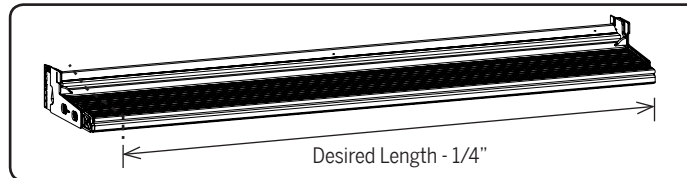
# Z-Articulating Cap Sill Cut Down Instructions

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## For Resizing Fully Assembled Single Z- Articulating Cap Sills

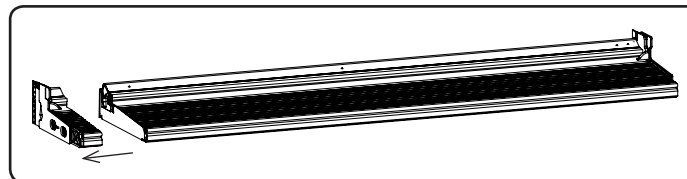
### 1. Resizing Single Z-AC Sills

- a) Measure and mark Z-AC Sill to the 1/4" less than the desired length to be cut down to.

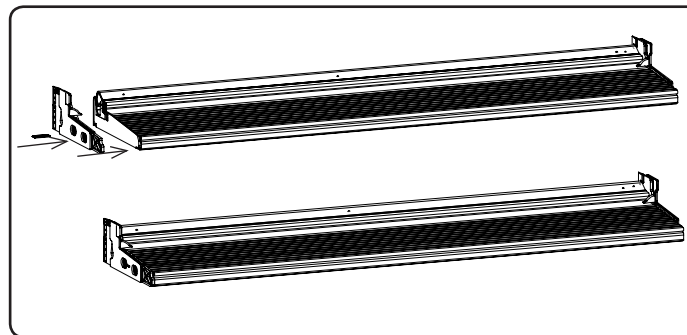


- b) Cut the cap and sill along the mark made in the previous step and discard removed section

**⚠ CAUTION:** Measure carefully and cut precisely within 1/32" to ensure proper operation. A cap cut too short will not seal correctly.



- c) Attach new Z-End Base to the cut sill and secure with staple



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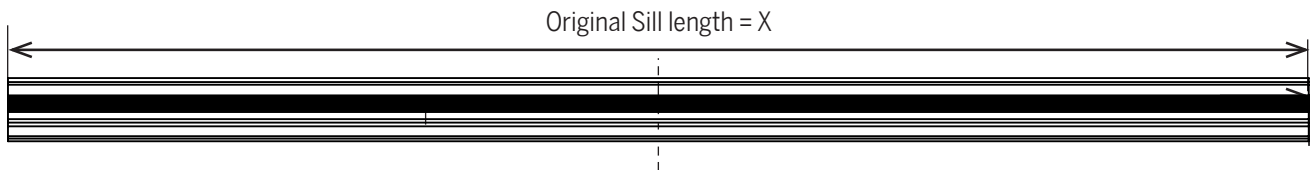
September 1st, 2015

## For Resizing Fully Assembled French Z- Articulating Cap Sills

### 1. Resizing Single Z-AC Sills

- a. Determine the desired cut down length (1/4" shorter than standard sill length).

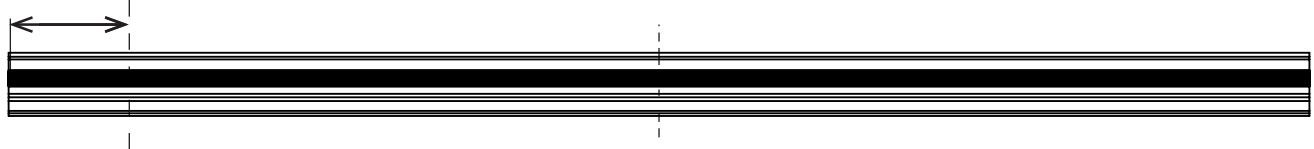
Desired length = Y



- b. Subtract new desired length from the length of the sill and divide it in half

$(\text{Original Sill length} - \text{Desired length}) \times 1/2$

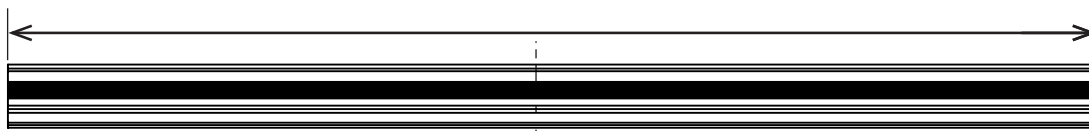
$[(X-Y) \times 1/2]$



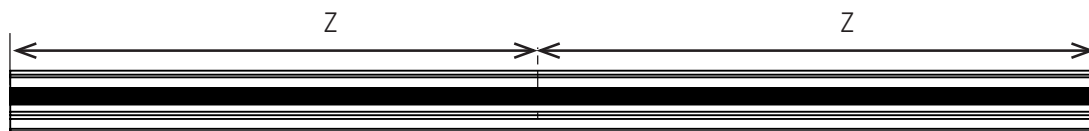
- c. Using the measurement from the previous step, cut down one end of the sill. DO NOT repeat this step on the other side of the sill. Proceed to step D, which accounts for tolerances in cutting and prevents errors.



- d. Measure from cut down end, and mark sill at the desired length found in step A. Cut down sill to the desired length.



- e. Confirm that the cap notch and bolt hole are still in the center of the cap. The sill should be equal in length on either side.



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Canadian Patents: 2,771,705; D139,250 and Canadian Patents Pending.



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8817 W. Market St., Colfax, NC 27235

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