



**ADVANCED HARDWARE
TECHNOLOGIES**

Installation Instructions

AHT 8000 Series CVR Exit Device

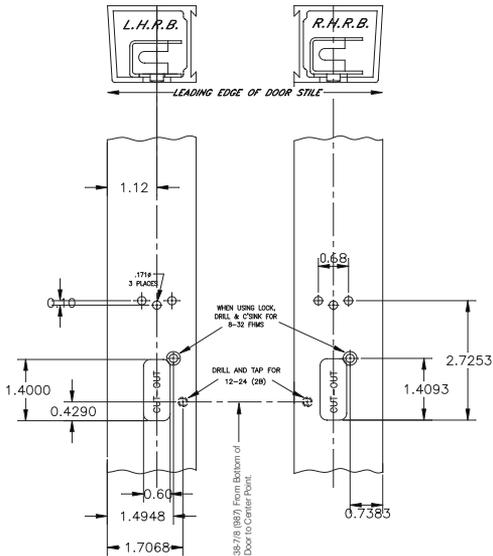
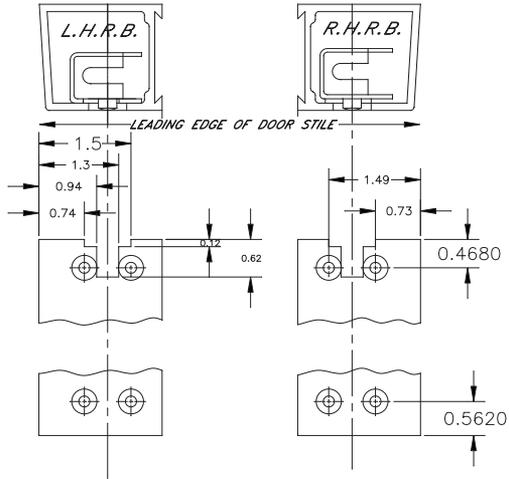


**Read All Instructions Completely
Before Beginning Installation**

Step #1

Prepare lock stile.

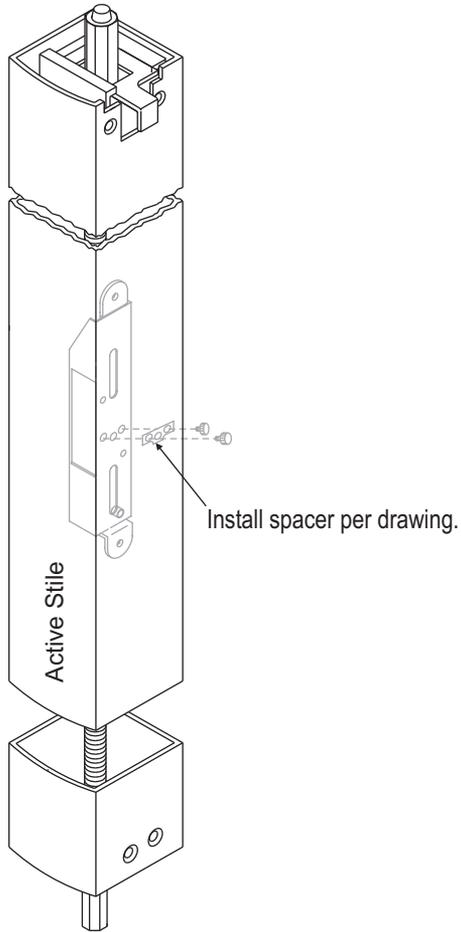
BOLT GUIDE LAYOUT



Step #2

Install Rod & Case assembly into active stile.

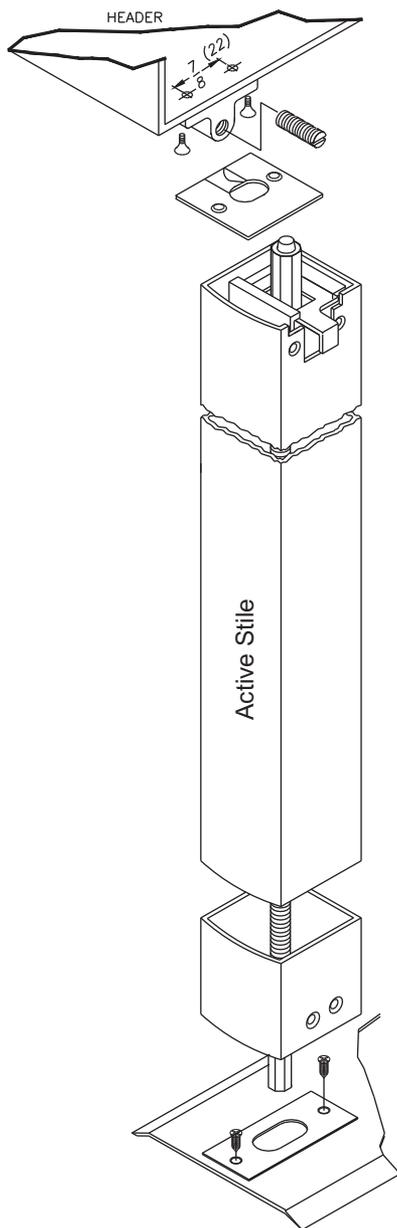
Secure with 2 ea. 8-32 x 1/4 soc. hd. cap screws.



Step #3

Install Top & Bottom Strikes.

Secure with 2 ea. 8-3/4(19) self tap screws.



NOTE: If trim or cylinder are not being used, skip this step.

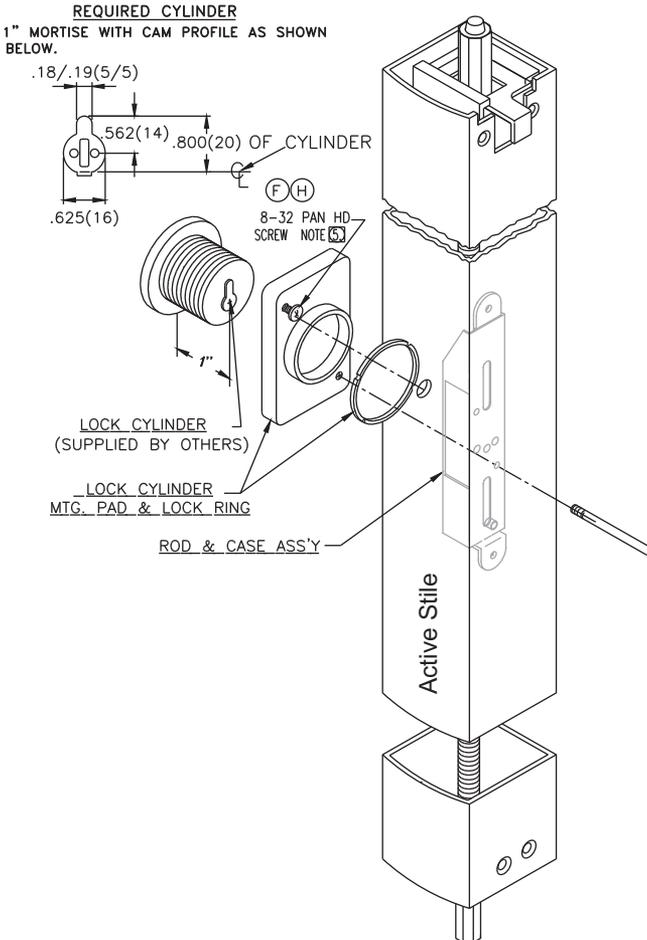
Step #4

Install Trim and Cylinder.

Install one 8-32 pan hd. screw partially to suit nominal wall thickness of 1/8" or 3/16"
Install pad assembly and rotate clockwise until it locks into position. Install single 8-32 x 1-15/16" screw and tighten.

NOTE:

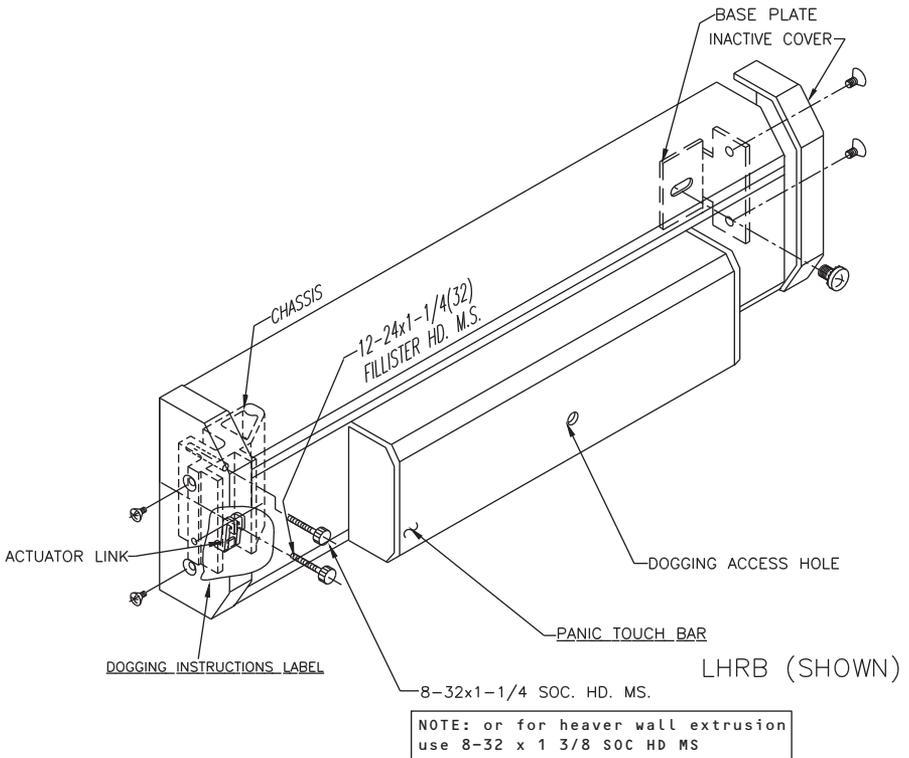
Use 8-32x5/16 pan hd. on 1/8" wall thickness
Use 8-32x5/8 pan hd. on 3/16" wall thickness



Step #5

Panic Attachment.

Undog panic device per dogging instruction label on active cover.
Remove front and rear end base covers by releasing 6-32x3/16(5) & 12-24x1-1/4(32) fillister hd. screw through chassis and one 8-32x1-1/4 soc. hd ms, secure inactive end with single 1/4-20x1/2(13) round hd. ms. (phil.) with sems through inactive base plate. Proceed by re-installing base cover on each end of panic base.



Step #6

Adjust Top & Bottom Bolts.

Adjust Top & Bottom Bolts allowing for 1/2"(13) of bolt to extend from vertical stile.

Install bolt guides top & bottom with (2) each #10x1/2(13) FL. HD. self-tapping screws.

Depress push bar, top bolt should lock in the retracted (unlocked) position. If locking does not occur readjust bolts in half turn increments until locking occurs. Verify operation by fully depressing touch bar to achieve dogging or full retraction of bolts.

Top Bolt Adjustment:

Release top and bottom bolts by depressing trigger on top bolt guide assembly.

Position top bolt 1/2"(13) from top edge of active stile.

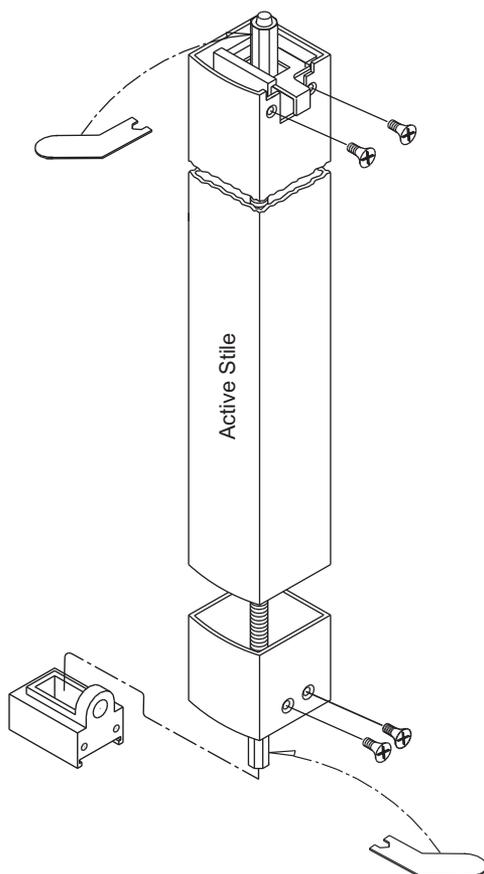
Bottom Bolt Adjustment:

Fully depress push bar, retracting top and bottom rods. Adjust bottom bolt per detail "B"

Manual Check:

With top and bottom bolts fully retracted, depress trigger release, rods will then extend to the locked position.

Install trip bracket and adjust set screw so that when door closes, top bolt guide trigger contacts set screw and allows bolts to extend.





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