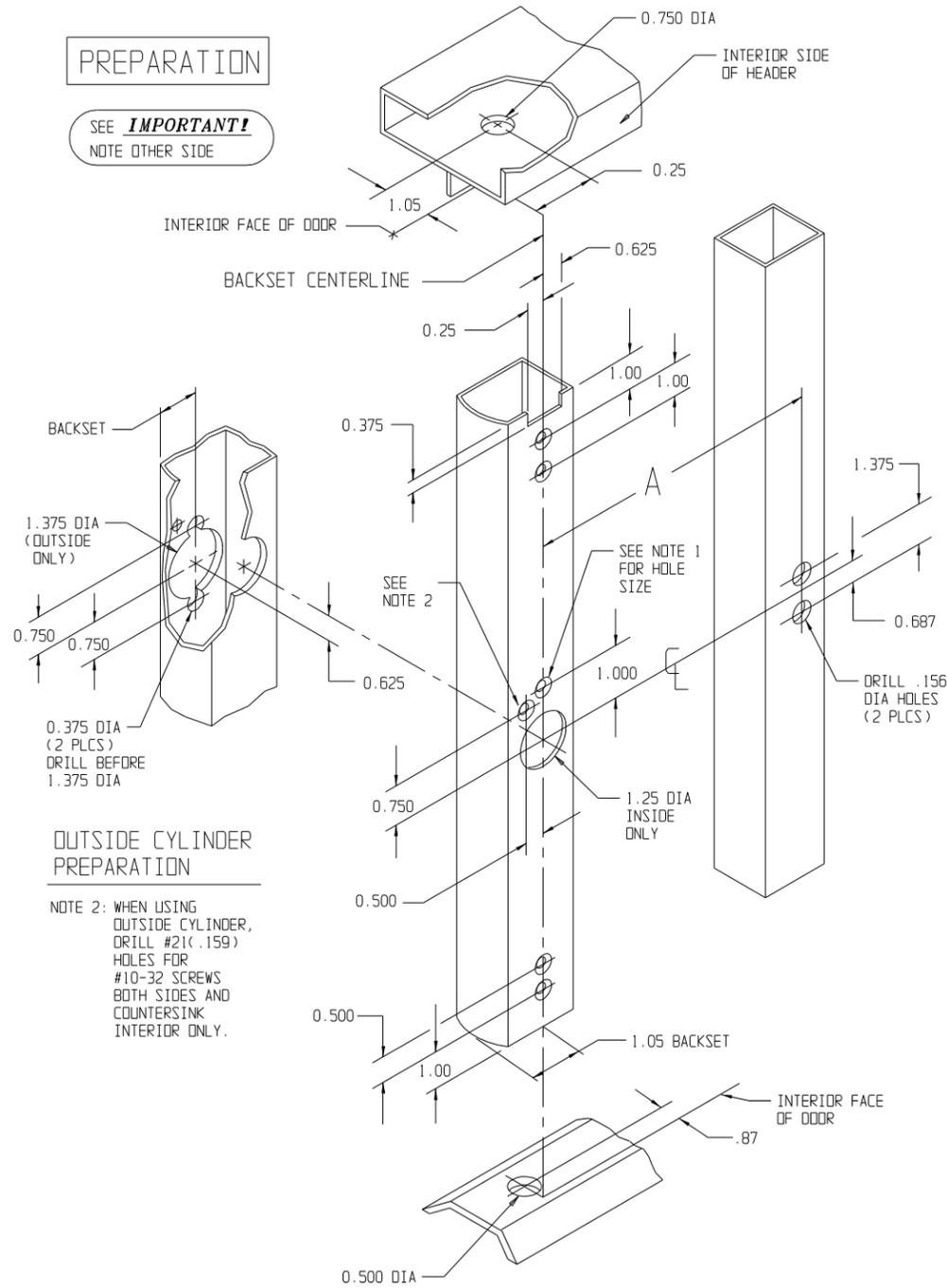


PRODUCT MUST BE INSTALLED
ACCORDING TO ALL APPLICABLE
BUILDING AND LIFE SAFETY CODES

PREPARATION

SEE **IMPORTANT!**
NOTE OTHER SIDE



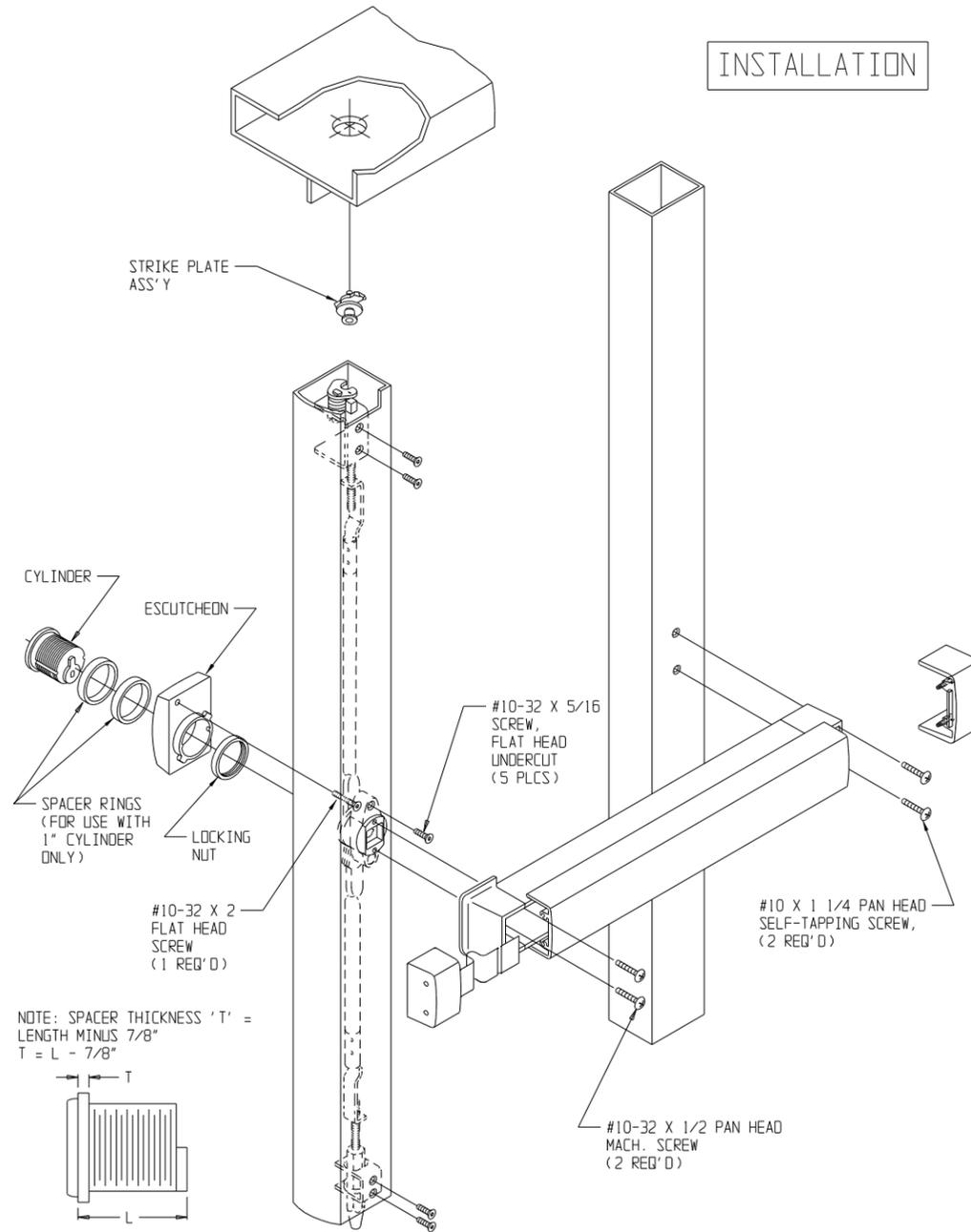
**OUTSIDE CYLINDER
PREPARATION**

NOTE 2: WHEN USING
OUTSIDE CYLINDER,
DRILL #21(.159)
HOLES FOR
#10-32 SCREWS
BOTH SIDES AND
COUNTERSINK
INTERIOR ONLY.

NOTE 1: DRILL #21(.159) AND COUNTERSINK 5 HOLES FOR #10-32 FLAT HEAD SCREWS.

NOTE: THESE DIMENSIONS AND TEMPLATES ASSUME A DOOR 1.75" THICK WITH 1/8" STILE WALL.
DOORS WITH OTHER THICKNESS OR WALL WILL REQUIRE MODIFICATION TO THE DEVICE AND
TO TEMPLATES (H) AND (F).

INSTALLATION



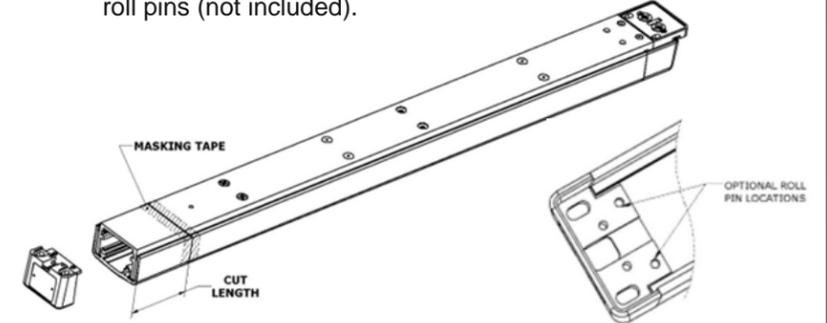
METRIC EQUIVALENTS

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
0.125	3,18	0.687	17,45	1.250	31,75	27.25	692,15	42	1066,80	5/16	7,92
0.250	6,35	0.750	19,05	1.375	34,92	30	762,00	45.25	1149,35	5/8	15,88
0.375	9,52	0.87	22,10	2.000	50,80	33.25	844,55	48	1219,20		
0.500	12,70	1.00	25,40	3.6	91,44	36	914,40				
0.625	15,87	1.05	26,67	3.750	95,25	39.25	996,95				

Bar Cutoff Instruction:

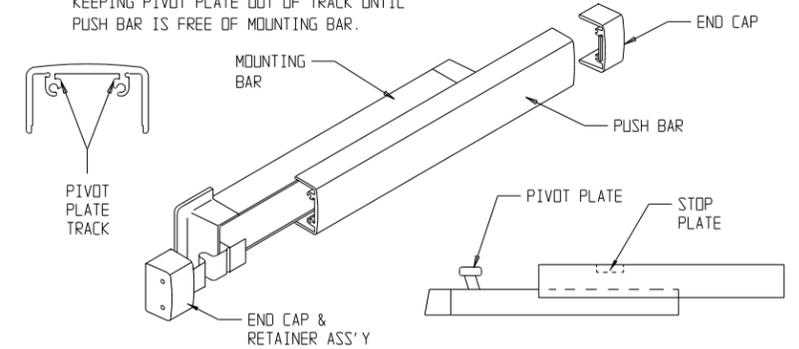
- 1.Remove push bar.
- 2.Tap mounting cap off hinge end of bar using a mallet or punch.
- 3.Re-install push bar, collapse, and tape down in area of cut-off.
- 4.Mark cut length on tape, see cutting guide on website for calculation.
- 5.Saw off excess, remove tape and deburr.
- 6.Tap mounting cap into bar using a soft mallet to protect finish.
- 7.Continue to installation instructions.

NOTE: Roll pin connection is optional; if desired, drill 1/8" holes thru bar using mounting cap as a guide, then install 1/8"Ø X 3/8"L roll pins (not included).



SEPARATING PUSH BAR AND MOUNTING BAR PROCEDURE

1. REMOVE BOTH END CAPS. THE RETAINER IS ATTACHED TO THE NOSE END CAP.
2. SLIDE PUSH BAR TOWARD HINGE SIDE OF DOOR.
3. CONTINUE TO SLIDE PUSH BAR PAST THE PIVOT PLATE THAT RIDES IN PUSH BAR TRACK.
4. SLIDE PUSH BAR IN OPPOSITE DIRECTION KEEPING PIVOT PLATE OUT OF TRACK UNTIL PUSH BAR IS FREE OF MOUNTING BAR.



INSTALLING PUSH BAR TO MOUNTING BAR

1. WITH PUSH BAR IN HAND AND MOUNTING BAR ATTACHED TO DOOR, FIND STOP PLATE STAKED INTO PUSH BAR. (THIS PLATE IS ON THE LATCH END OF ASSEMBLED UNIT). SLIDE THE PIVOT PLATE NEAREST HINGE INTO TRACK OF PUSH BAR UNTIL SECOND PIVOT PLATE IS EXPOSED. INSERT PIVOT PLATE INTO TRACK ON PUSH BAR AND SLIDE IN OPPOSITE DIRECTION UNTIL PUSH BAR AND MOUNTING BAR ALIGN.



www.adamsrite.com
Phone: 800-626-7590
800-872-3267
Fax: 866-582-4641
800-232-7329

80-0180-51

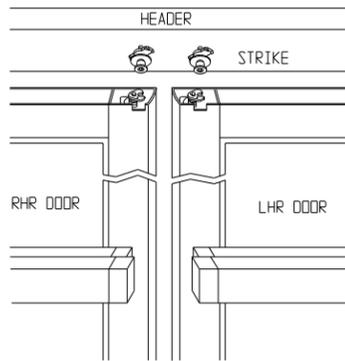
Rev. 17

8600 EXIT DEVICE

INSTALLATION INSTRUCTIONS

INSTALLATION INSTRUCTION CHECKLIST

ADAMS RITE
SERIES **8600** EXIT
DEVICE

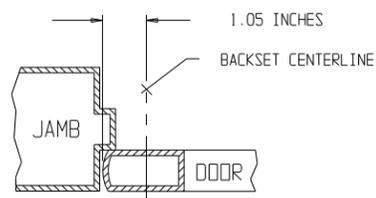


IMPORTANT!

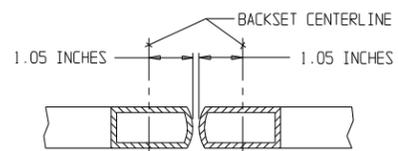
This device is unhandled. It can be installed in either left hand reverse or right hand reverse doors without alteration. The doors' lead stile and header preparation are IDENTICAL *not* mirror image. Note in the sketch above that the yoke type bolt *always* faces right (as viewed from inside) and the strike post is toward the right of the backset centerline for *both* doors.

NOTE STEPS 1 THRU 9 ARE MORE EASILY ACCOMPLISHED IF DOOR IS NOT INSTALLED IN FRAME.

HOW TO FIND BACKSET

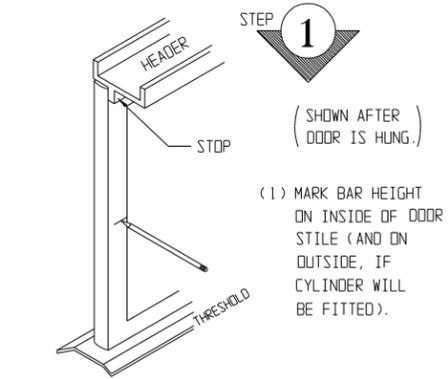


SINGLE DOOR



BEVEL STILE AND FLAT STILE APPLY TO SINGLE DOOR ONLY.

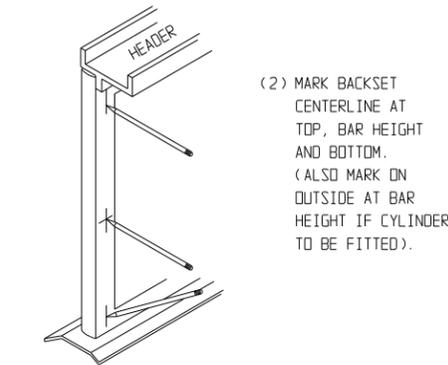
PAIR DOOR



STEP 1

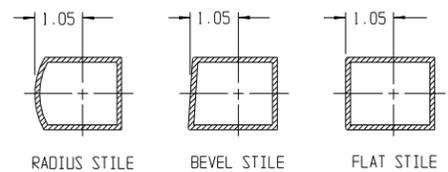
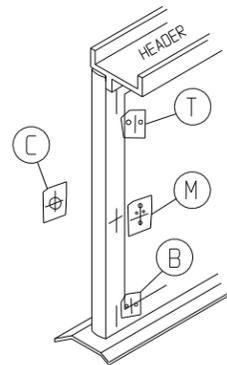
(SHOWN AFTER DOOR IS HUNG.)

(1) MARK BAR HEIGHT ON INSIDE OF DOOR STILE (AND ON OUTSIDE, IF CYLINDER WILL BE FITTED).



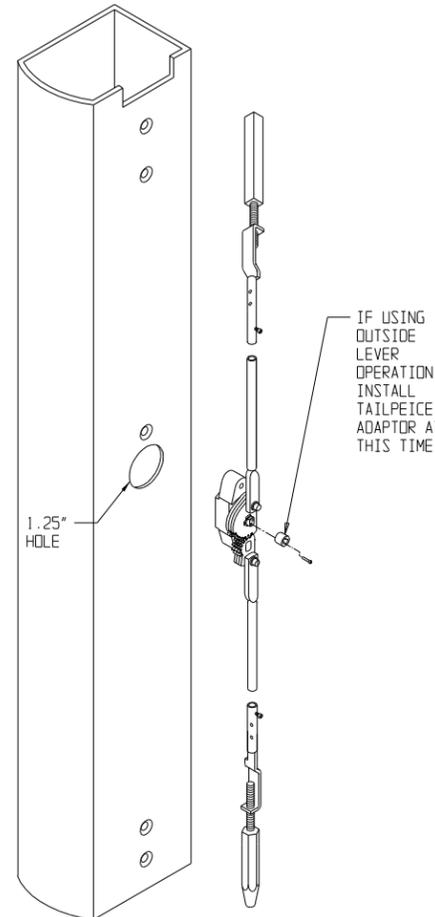
STEP 2

(3) PEEL OFF BACKING AND APPLY CLEAR STICK-ON TEMPLATES OVER THE PENCIL LINES. NOTCH, DRILL AND COUNTERSINK WHERE SHOWN.



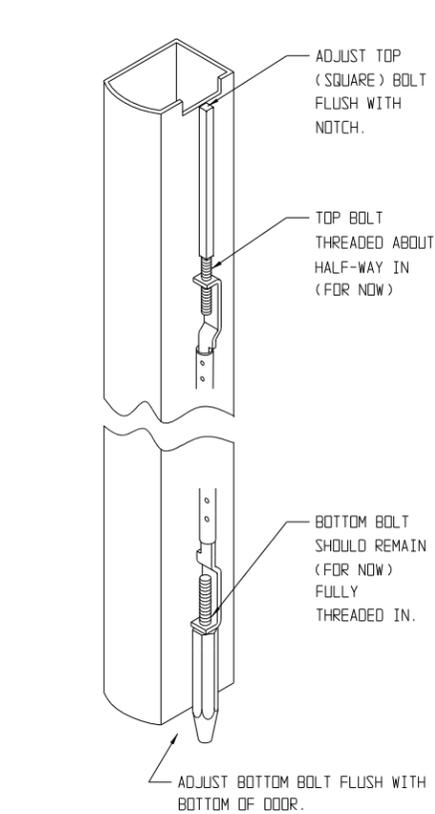
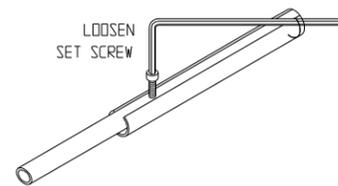
BACKSET IS MEASURED AT DOOR CENTERLINE, NOT THE EDGE.

STEP 3
LAY ROD MECHANISM ON PREPARED DOOR WITH GEAR PLATES OUTWARD AND CASTING RESTING IN 1 1/4" DIAMETER HOLE IN DOOR AS SHOWN BELOW.



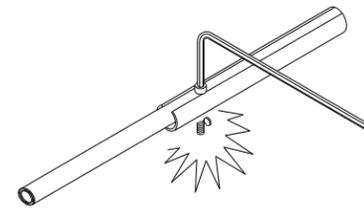
STEP 4

ADJUST RODS TO APPROXIMATE LENGTH. (ROUGH ADJUSTMENT FOR NOW)



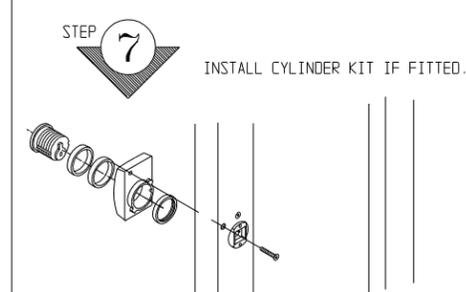
STEP 5

WHEN ROUGH ADJUSTMENT OF RODS IS CORRECT, TIGHTEN METAL-PIERCING SCREWS ALL THE WAY THRU TUBE. YES! ALL THE WAY THROUGH AND TIGHT.

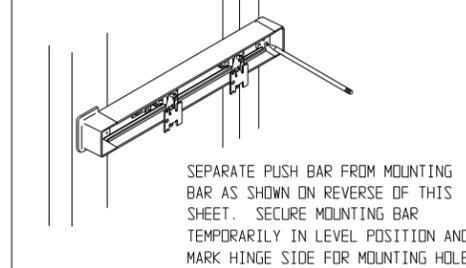


STEP 6

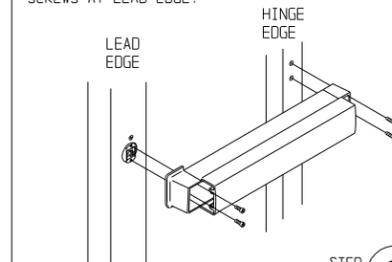
SLIP ROD MECHANISM INTO DOOR AND SECURE WITH SCREW.
(YOU CAN USE ONE OF THE SCREWS AS A TEMPORARY HANDLE TO POSITION CASTING).



STEP 7

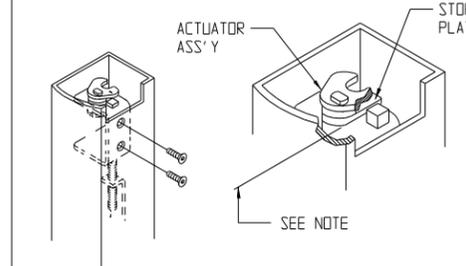


REMOVE BAR, DRILL .156" DIA HOLES AT HINGE EDGE. INSTALL BAR WITH TWO #10 X 1 1/4 SELF-TAPPING SCREWS AT HINGE EDGE AND TWO #10-32 X 1/2 MACHINE SCREWS AT LEAD EDGE.



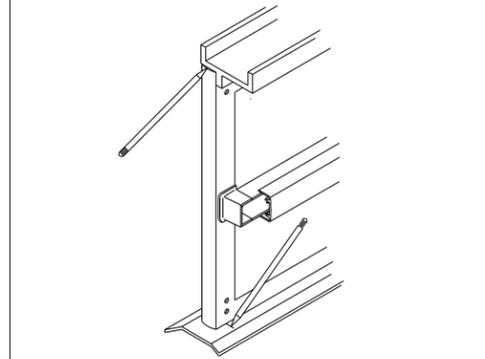
STEP 9

INSTALL TOP BOLT ACTUATOR ASSEMBLY AND SECURE WITH TWO SCREWS. WITH ASSEMBLY IN LOCKED POSITION AND PUSH BAR RELEASED, END OF SQUARE BOLT SHOULD ENGAGE STOP PLATE AS SHOWN. (FOR FINE ADJUSTMENT, REMOVE ACTUATOR ASSEMBLY, ADJUST BOLT UP OR DOWN AND REINSTALL ASSEMBLY).



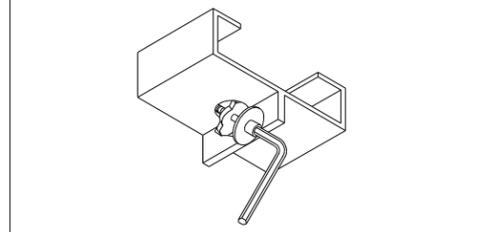
NOTE: SQUARE BOLT MUST BE FLUSH WITH TOP OF STOP PLATE.

STEP 10
INSTALL DOOR IN FRAME. MARK BACKSET CENTERLINE ON HEADER AND THRESHOLD. ALSO MARK WHERE FACE OF CLOSED DOOR RESTS. APPLY CLEAR TEMPLATES (H) AND (F) AND DRILL STRIKE HOLES.



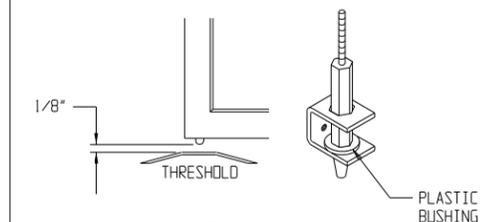
STEP 11

POSITION STRIKE PLATE ASSEMBLY ON HEADER. THEN, TIGHTEN SECURELY WITH HEX WRENCH.



STEP 12

(3) ADJUST BOTTOM BOLT SO IT CLEARS THRESHOLD BY 1/8" AS DOOR CLOSES.
(4) INSTALL BOTTOM GUIDE AND SECURE WITH TWO SCREWS.



STEP 13

