

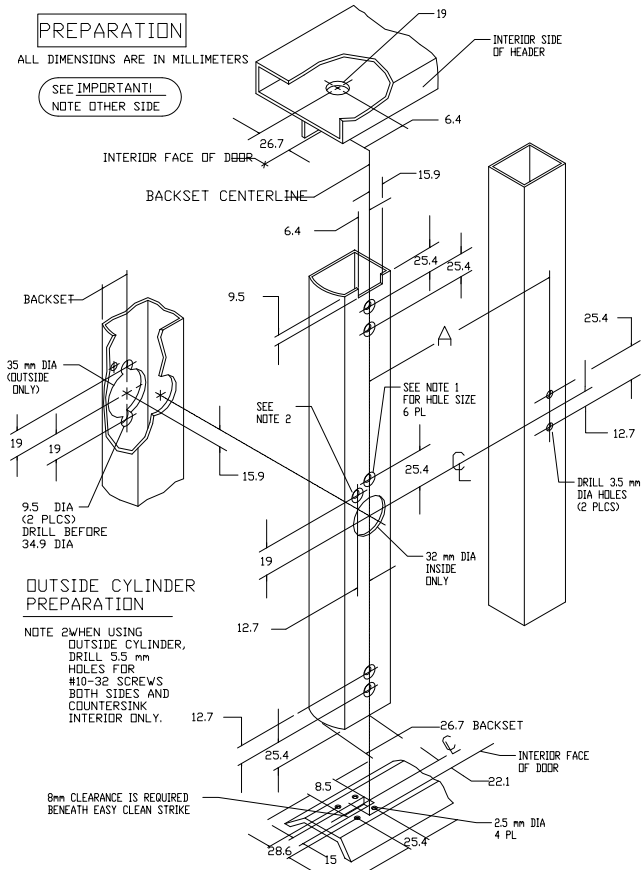
SELECTION CRITERIA

- A.) EXIT DEVICES CONFORMING TO BS EN 1125 MUST BE USED WHERE EMERGENCY EXIT DEVICES ARE REQUIRED FOR SITUATIONS IN WHICH PEOPLE ARE UNFAMILIAR WITH THE USE OF THE DOOR HARDWARE IN THEIR SURROUNDINGS, AND A PANIC SITUATION IS LIKELY TO DEVELOP. IN SITUATIONS WHERE PEOPLE ARE FAMILIAR WITH THE USE OF THE DOOR HARDWARE IN THEIR SURROUNDINGS, AND A PANIC SITUATION IS UNLIKELY TO DEVELOP, PRODUCTS CONFORMING TO BS EN 179 MAYBE USED.
- B.) ANY LOCAL SITE SITUATION, WHICH DOES NOT MEET THE REQUIREMENTS OF CLAUSE 4.1.20 OF BS EN 1125 SHOULD BE MODIFIED TO SUIT. REFER TO THE RECOMMENDATIONS FOR INSTALLATION AND FIXING SECTION OF THE INSTALLATION INSTRUCTIONS FOR DETAILS.
- C.) ANY OUTSIDE ACCESS DEVICE SHALL BE AS TO THE MANUFACTURER'S SPECIFICATION.
- D.) THE SAFETY FEATURES OF THIS PRODUCT ARE ESSENTIAL TO ITS COMPLIANCE WITH EN 1125. NO MODIFICATIONS OF ANY KIND, OTHER THAN THOSE DESCRIBED IN THESE INSTRUCTIONS, ARE PERMITTED.
- E.) EXIT DEVICES CONFORMING TO ES EN 1125 ARE TO BE INSTALLED ON DOORS NOT EXCEEDING 200KG IN MASS, 2500MM IN HEIGHT AND 1300MM IN WIDTH, INCLUSIVE OF ANY REBATED EDGES.

PREPARATION

ALL DIMENSIONS ARE IN MILLIMETERS

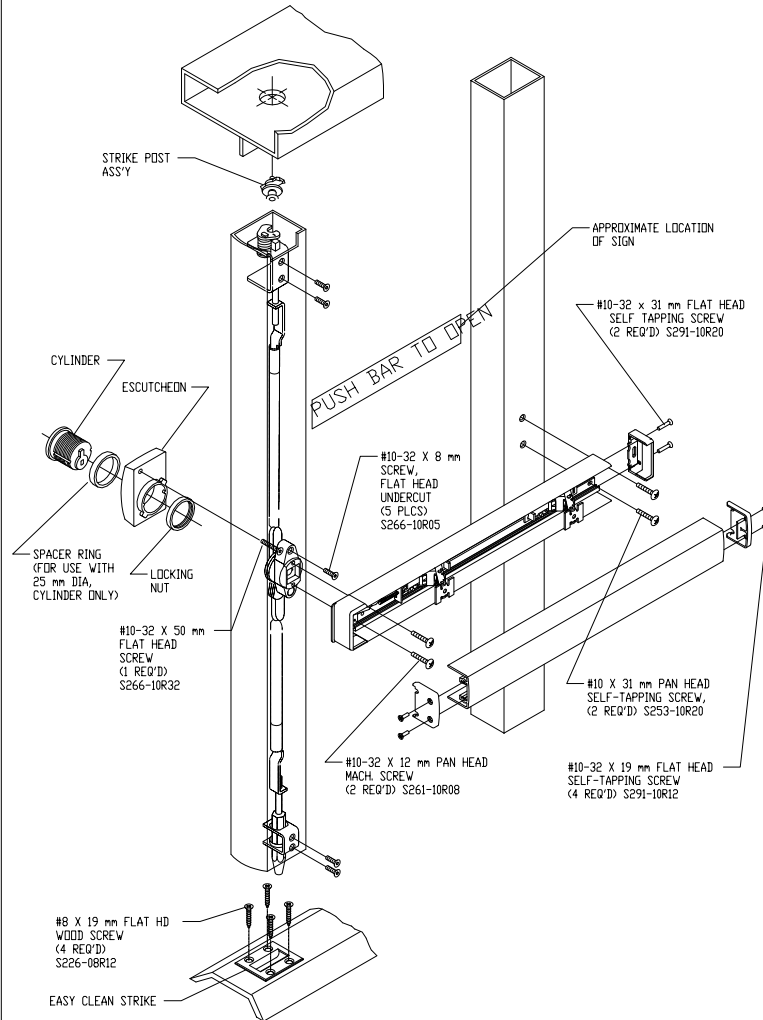
SEE IMPORTANT! NOTE OTHER SIDE



- 1. DRILL Ø 5.5 mm AND COUNTERSINK 5 HOLES FOR #10-32 FLAT HEAD SCREWS.
- 2. THESE DIMENSIONS AND TEMPLATES ASSUME A DOOR 44.5 mm THICK WITH 3 mm STILE WALL. DOORS WITH OTHER THICKNESS OR WALL WILL REQUIRE MODIFICATION TO THE DEVICE AND TO TEMPLATES H AND F.

INSTALLATION

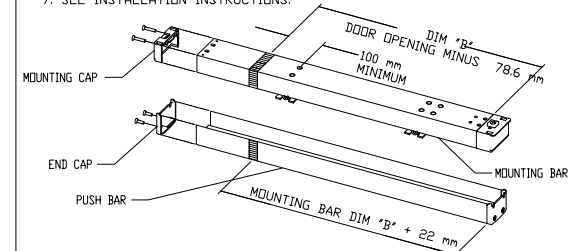
NOTE: Discard Excess Screws from Universal Package



BACKSET	DOOR OPENING WIDTH (mm)				
26.7 mm	600	750	900	1050	1200
DIM A	529	679	829	979	1129

CUT-OFF INSTRUCTIONS FOR NON-STANDARD DOORS

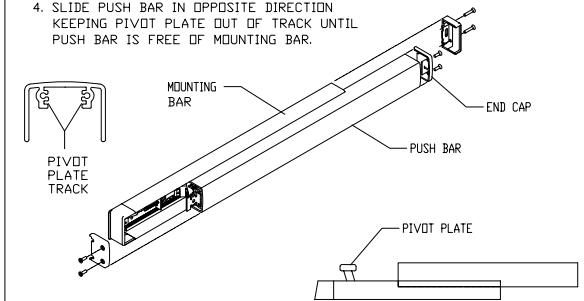
1. SEPARATE PUSH BAR & MOUNTING BAR (SEE BELOW)
2. DETERMINE EXTRUSION LENGTH ($'B'$ DIM). NOTE: 100 mm MINIMUM DIMENSION FROM END OF BACKBAR TO NEW CUT-OFF LENGTH AS SHOWN.
3. MEASURE MOUNTING BAR, TAPE AND MARK EXTRUSION LENGTH.
4. MEASURE PUSH BAR, TAPE AND MARK EXTRUSION LENGTH.
5. SAW OFF EXCESS LENGTH, REMOVE TAPE AND DEBURR.
6. DRILL MOUNTING HOLES IN BACKBAR USING DRILLING TEMPLATE 80-0180-912
7. SEE INSTALLATION INSTRUCTIONS.



NOTE: THE FORMULA ASSUMES THAT THE APPLICATIONING, "C" IS A FLUSH FRAME, REBATED FRAMES NEED TO BE CONSIDERED SEPERATELY AS A DEEPER DOOR STILE MAY BE REQUIRED DEPENDING ON THE DEPTH OF THE REBATE. CONSULT THE FACTORY TO DISCUSS INDIVIDUAL REQUIREMENTS.

SEPARATING PUSH BAR AND MOUNTING BAR PROCEDURE

1. REMOVE HINGE END-BACKBAR CAP. REMOVE BOTH END CAPS.
2. SLIDE PUSH BAR TOWARD HINGE SIDE OF DOOR.
3. CONTINUE TO SLIDE PUSH BAR PAST THE PIVOT PLATE INTO 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

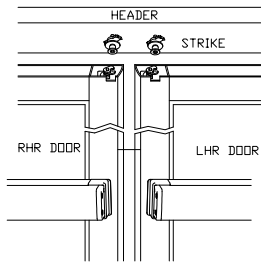
1. WITH PUSH BAR IN HAND AND MOUNTING BAR ATTACHED TO DOOR, SLIDE THE PIVOT PLATE NEAREST HINGE INTO TRACK OF PUSH BAR UNTIL SECOND PIVOT PLATE IS EXPOSED. INSERT PIVOT PLATE INTO TRACK ON PUSH BAR AND SLIDE IN OPPOSITE DIRECTION UNTIL PUSH BAR AND MOUNTING BAR ALIGN.

ADAMS RITE MANUFACTURING CO.
POMONA, CA. 91767

960 EXIT DEVICE

INSTALLATION INSTRUCTION CHECKLIST

ADAMS RITE SERIES 960 EXIT DEVICE

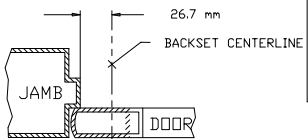


IMPORTANT!

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 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.

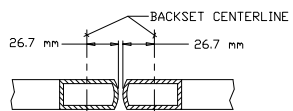
NOTE STEPS 1 THRU 9 ARE MORE EASILY ACCOMPLISHED IF DOOR IS NOT INSTALLED IN FRAME.

HOW TO FIND BACKSET



REBATED FRAME

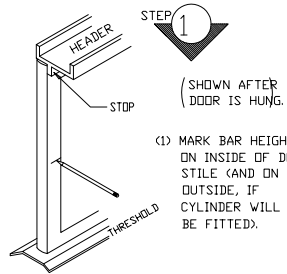
SEE PAGE 1 FIG "C" AND NOTE



BEVEL STILE AND FLAT STILE APPLY TO SINGLE DOOR ONLY.

PAIR DOOR

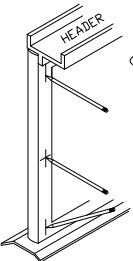
BACKSET IS MEASURED AT DOOR CENTERLINE, NOT THE EDGE.



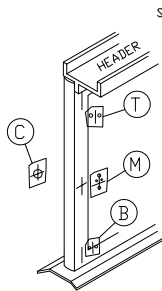
STEP 1

(SHOWN AFTER DOOR IS HUNG.)

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



(2) MARK BACKSET CENTERLINE AT TOP, BAR HEIGHT AND BOTTOM. (ALSO MARK ON OUTSIDE AT BAR HEIGHT IF CYLINDER TO BE FITTED).

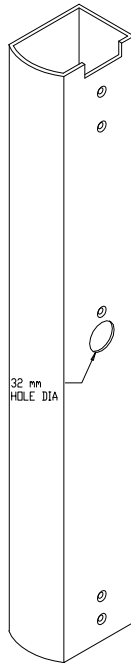


STEP 2

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

STEP 3

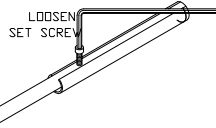
LAY ROD MECHANISM ON PREPARED DOOR WITH GEAR PLATES OUTWARD AND CASTING RESTING IN 31.8 mm DIAMETER HOLE IN DOOR AS SHOWN BELOW.



IF USING OUTSIDE CYLINDER OPERATION, REMOVE THE TAILPIECE ADAPTOR AT THIS TIME

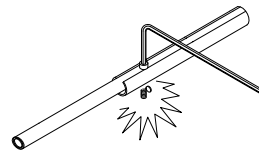
STEP 4

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.

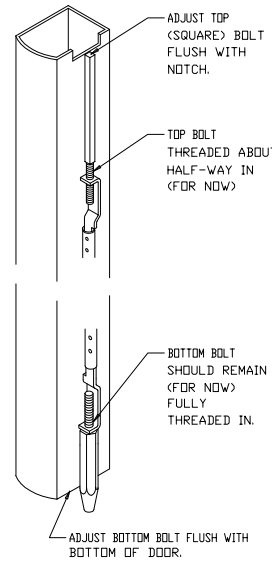


STEP 6

SLIP ROD MECHANISM INTO DOOR AND SECURE WITH SCREW.

(YOU CAN USE ONE OF THE SCREWS AS A TEMPORARY HANDLE TO POSITION CASTING.)

WITH SLOT IN VERTICAL POSITION



ADJUST TOP (SQUARE) BOLT FLUSH WITH NOTCH.

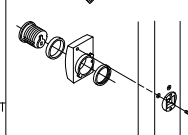
TOP BOLT THREADED ABOUT HALF-WAY IN (FOR NOW)

BOTTOM BOLT SHOULD REMAIN FULLY THREADED IN.

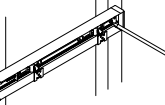
ADJUST BOTTOM BOLT FLUSH WITH BOTTOM OF DOOR.

STEP 7

INSTALL CYLINDER KIT IF FITTED.

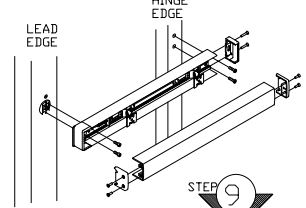


STEP 8



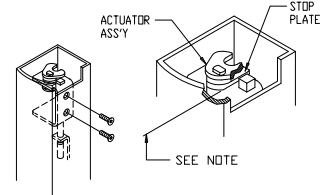
SEPARATE PUSH BAR FROM MOUNTING BAR AS SHOWN ON REVERSE OF THIS SHEET. SECURE MOUNTING BAR TEMPORARILY IN LEVEL POSITION AND MARK HINGE SIDE FOR MOUNTING HOLES.

REMOVE BAR, DRILL 4 mm 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

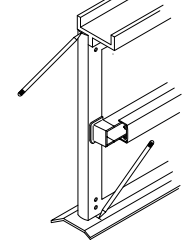
INSTALL TOP BOLT ACTUATOR ASSEMBLY AND SECURE WITH TWO SCREWS. WITH ASSEMBLY IN LOCKED POSITION AND PUSH BAR RELEASED, END OF SQUARE BOLT SHOULD ENGAGE STOP PLATE AS SHOWN. (FOR FINE ADJUSTMENT, REMOVE ACTUATOR ASSEMBLY, ADJUST BOLT UP OR DOWN AND REINSTALL ASSEMBLY.)



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

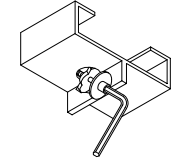
STEP 10

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.



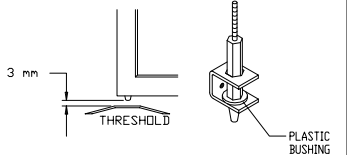
STEP 11

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



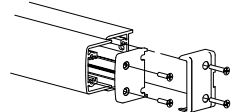
STEP 12

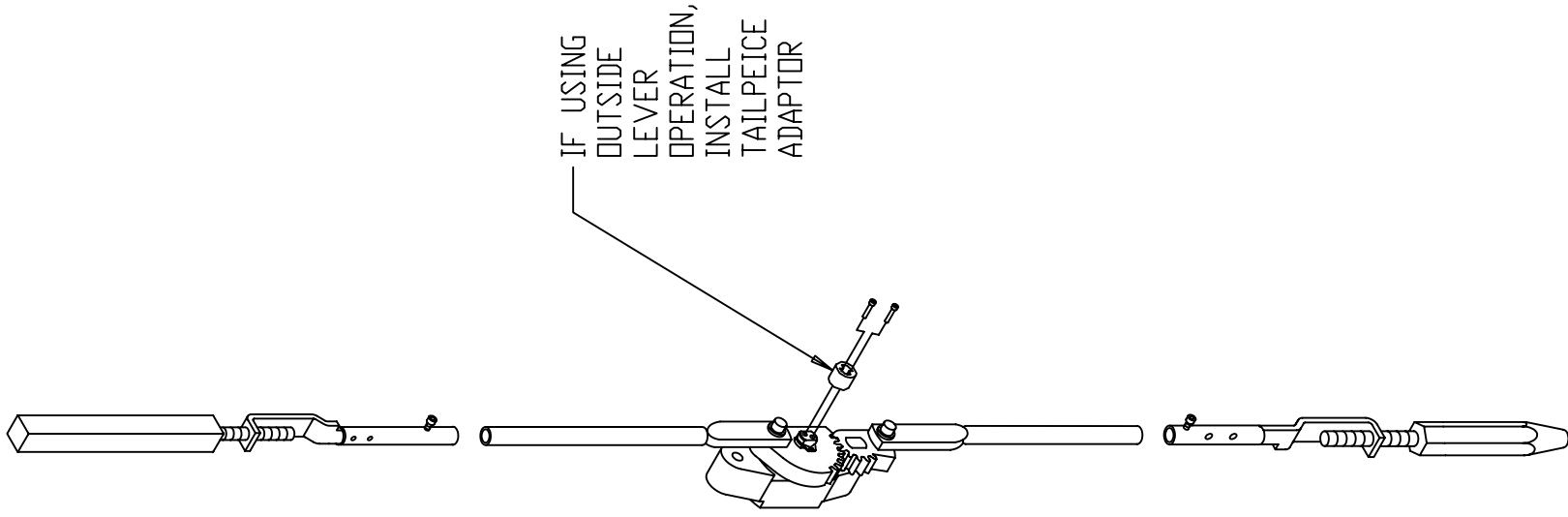
(1) HOLD DOOR OPEN.
(2) DEPRESS AND RELEASE PUSH BAR.
(3) ADJUST BOTTOM BOLT SO IT CLEARS THRESHOLD BY 3 mm AS DOOR CLOSES.
(4) INSTALL BOTTOM GUIDE (PLASTIC BUSHING UP) AND SECURE WITH TWO SCREWS.



STEP 13

INSTALL PUSH BAR END CAPS





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CITY OF INDUSTRY, CA 91749

TAILPEICE ADAPTOR
INSTALLATION FOR 8500/8600