

# INSTRUCTIONS FOR INSTALLING SARGENT® 12-2700 SERIES FIRE RATED VERTICAL ROD EXIT DEVICE

U.S. PATENT NO. 268003  
CANADIAN PATENT NO. 801881

## CAUTION!

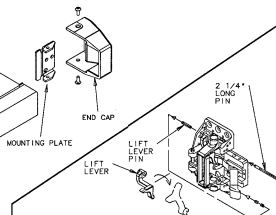
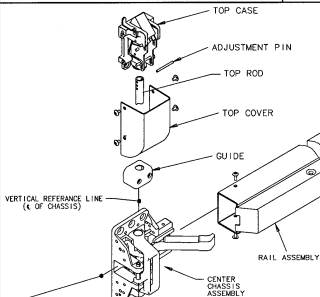
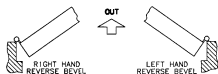
- BEFORE STARTING:  
- DOOR SHOULD BE FITTED AND HUNG;  
- CHECK BOX LABEL FOR HAND & SIZE OF EXIT DEVICE.

## AVAILABLE STOCK LENGTHS:

- LENGTH "E" - 32" DOOR, NO CUT REQUIRED.  
CAN BE CUT TO FIT DOORS DOWN TO 24" WIDE.  
LENGTH "F" - 36" DOOR, NO CUT REQUIRED.  
CAN BE CUT TO FIT DOORS DOWN TO 30" WIDE.  
LENGTH "G" - 48" DOOR, NO CUT REQUIRED.  
CAN BE CUT TO FIT DOORS DOWN TO 36" WIDE.

## IMPORTANT:

- FOR RIM CYLINDER APPLICATIONS:  
INSTALL CYLINDER TAIL WASHER TO CYLINDER  
TAIL PIECE. SEE STEP THREE FOR DETAILS.
- SURFACE OF THE DOOR WHERE EXIT DEVICE  
IS TO BE APPLIED, MUST BE FLUSH,  
CLEAR AWAY ANY RAISED PROJECTIONS  
TO ALLOW EXIT DEVICE TO REST  
ON FLAT SURFACE  
OF THE DOOR.



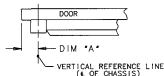
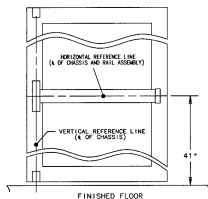
ALL 12-2700 SERIES EXIT DEVICES ARE HANDED AND REVERSIBLE.  
THE 12-2700 IS ASSEMBLED FOR A LEFT HAND REVERSE BEVEL DOOR  
AT THE FACTORY.

## TO CHANGE HAND OF 12-2700 EXIT DEVICE:

- USE 2 1/4" LONG PIN (SUPPLIED IN SCREW PACK)  
TO KNOCK OUT LIFT LEVER PIN.
- REMOVE LIFT LEVER AND REASSEMBLE OTHER END  
OF CHASSIS.

## FIRST

- ① MARK VERTICAL AND HORIZONTAL  
REFERENCE LINES ON THE DOOR



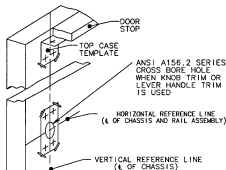
## DETERMINE DIMENSION "A"

- IF LOCK STYLE IS 4 1/2" WIDE OR WIDER, DIM A = 2 3/4"
- IF LOCK STYLE IS LESS THAN 4 1/2" WIDE, DIM A = ONE HALF OF THE EXPOSED WIDTH OF LOCK STYLE (WHEN DOOR IS CLOSED AGAINST STOP).

REFER TO DOOR TEMPLATE TO  
LOCATE HORIZONTAL REF. LINE

## SECOND PREPARE DOOR

TAPE TEMPLATE ON THE INSIDE OF THE DOOR ALONG REFERENCE  
LINES WITH SUPPLIED TAPE.  
IF DOOR ALREADY HAS ANSI DOOR PREP (161 CUT-OUT), OR  
HAS 2 1/8" DIA HOLE AT 2 3/4" BACKSET POSITION TEMPLATE  
OVER EXISTING HOLE & SPOT & DRILL HOLES.



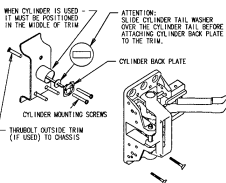
## THIRD

## APPLY HARDWARE

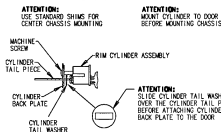
## FOR LEVER TRIM APPLICATIONS

SEE SEPARATE INSTRUCTION SHEET,  
PACKED WITH TRIM

## FOR 28-K-HTB TRIM APPLICATION

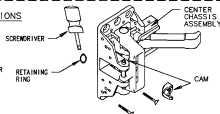


## FOR RIM CYLINDER ONLY APPLICATION

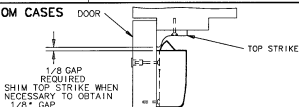
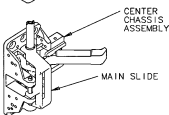
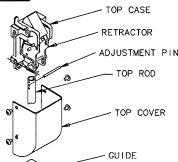


## FOR EXIT ONLY APPLICATIONS

USING RETAINING RING PLIERS (NOT SHOWN) OR SCREWDRIVER TO REMOVE RETAINING RING FROM THE CAM. REMOVE AND DISCARD CAM FROM THE CENTER CHASSIS ASSEMBLY FOR FLUSH MOUNTING. ATTACH CHASSIS WITH FOUR #10 WOOD OR MACHINE SCREWS.

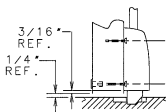
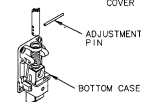
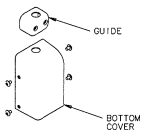
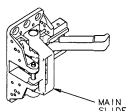


## FOURTH INSTALL TOP & BOTTOM CASES



1. MOUNT TOP STRIKE ACCORDING TO LOCATION MARKED IN SECOND STEP. USE #10 STEEL SCREWS & MORTISE NUTS (WHEN PROVIDED) IN THE POSITION ILLUSTRATED IN THE TOP & BOTTOM CASES.
2. ENSURE PUSH RAIL IS NOT LOCKED DOWN. SCREW TOP ROD INTO MAIN SLIDE.
3. SLIDE GUIDE & COVER ONTO TOP ROD AND ASSEMBLE TO TOP CASE BY INSERTING ADJUSTING PIN THRU RETRACTOR AND MIDDLE HOLE IN ROD. (SEE ILLUSTRATION AT LEFT). ADJUST SO THAT TOP CASE MOUNTING HOLES LINE UP WITH LOCATION MARKED IN SECOND STEP.
4. MOUNT BOTTOM CASE IN SAME MANNER AS TOP CASE. (SEE ILLUSTRATION AT RIGHT). TO PREVENT BOTTOM BOLT FROM CONTACTING FLOOR, ADJUST BOLT WHILE EXIT DEVICE IS IN THE HOLD OPEN POSITION.
5. SECURE GUIDES.

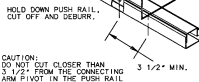
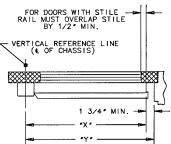
NOTE: IF SHORTER ROD ARE REQUIRED, CUT TO LENGTH & DRILL  $\phi 1/8"$  HOLE THRU.



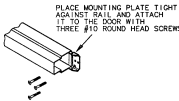
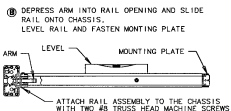
## MORTISE TYPE STRIKE

## FIFTH INSTALL RAIL ASSEMBLY

- CHECK BOX LABEL. IF CUTTING IS NOT REQUIRED PROCEED TO STEP "B".
  - IF CUTTING IS REQUIRED, CONTINUE WITH STEP "A".
- A DETERMINE CUT OFF DIMENSION "X" BY SUBTRACTING 1 3/4" FROM DIMENSION "Y". MARK CUT OFF POINT ON MOUNTING RAIL.



CAUTION: DO NOT CUT CLOSER THAN 3 1/2" FROM THE CONNECTING ARM PIVOT IN THE PUSH RAIL.



## SIXTH APPLY COVERS

