## LOW PROFILE VERTICAL ROD EXIT DEVICES (Not Reversible) <br> Series: US2880R (RHR), US2880L (LHR)

BEFORE INSTALLING:
Check to be sure the Exit Device is the proper hand for your door.

HOW TO DETERMINE HAND OF DOOR

(Optional kit available for reversing of hand)


## STEP 1 MARK CENTER LINES:

Mark Center Lines on INSIDE of door. Establish the horizontal center line of the device by drawing a line across the door $40^{5} / 16^{\prime \prime}$ above floor line. Establish the top and bottom rod backset center line by drawing a vertical line from the top to bottom of the door measuring from the LOW SIDE of the DOOR BEVEL.
(See illustration below)

## INSIDE OF LHRB DOOR IS ILLUSTRATED

LOW SIDE OF
DOOR BEVEL
SUBTRACT 1" FROM THIS MEASUREMENT AND CUT TOP ROD TO THIS MEASURE LENGTH

「TOP OF DOOR

FLOOR LINE

| "A"DIMENSION | INSTALLATION |
| :---: | :---: |
| $17 / 8^{\prime \prime}$ | Surface Strike |
| $15 / 16 "$ | Flush Strike |

(SEE PAGE 6 FOR SCREW CHART)
*Regularly furnished unless otherwise ordered.

## STEP 2 SPOT AND DRILL TEMPLATE HOLES:



Using Template furnished, spot and drill Mounting Holes for Trim (if furnished), and Device. Be sure the Template is aligned with horizontal and vertical center lines on the INSIDE OF DOOR.

## STEP 3 INSTALLTRIM:

## CAUTION: REFER TO TEMPLATE PACKED WITH TRIM BEFORE PROCEEDING WITH STEP 3.

Follow illustration below for Trim Installation procedure.

$$
\begin{aligned}
& \text { ANSI CYLINDER- } \\
& \text { PLATE-OPTIONAL }
\end{aligned}
$$



MOUNT KEYWAY IN KNOB VERTICALLY AS SHOWN


NOTE:
If your door has Cylindrical Lock cutout for ANSI A115.2 and A115.3 ANSI prep doors:
A. Extend horizontal and vertical center lines of ANSI cut-out as shown at right.
B. Align ANSI cut-out center lines on template with center lines on door. Spot and drill holes as needed.


MOUNT CYLINDER HORIZONTALLY AS SHOWN. CUT OFF LENGTH OF CYL. CONNECTING BAR SO THAT ${ }^{3 / 16^{\prime \prime}}$ PROJECTS BEYOND INSIDE FACE OF DOOR.


CUT OFF LENGTH OF CYLINDER CONNECTING BAR SO THAT


## STEP 4 LOCATE LATCHES:

Locate Top and Bottom Latch. Mark for later installation. (See illustration on Page 1 for dimensions and locations.)

## STEP 5 CUT PUSH BAR:

Follow illustration below. (IF BAR DOES NOT REQUIRE CUTTING, PROCEED TO NEXT STEP.)

C. Fully depress bar and cut off square on mark.


## STEP 9 MOUNT TOP LATCH:

Retract the latch by pushing up on slide and fasten Latch Assembly with screws as illustrated. Be sure to draw the screw up tight. Drill hole for the cover screw, using the hole in the Slide Assembly at bottom as guide.


## STEP 10 TOP ROD ASSEMBLY:

ROD CONNECTOR


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(SIDE VIEW)
LATCH BOLT AND TOP STRIKE ENGAGED

Attach Bottom Rod to Bar Assembly by slipping hole over Stump and secure Rod by means of "E" Ring. Shut door. Dog down Active Case. Insert pin into Rod Connector. Turn Adjustable Rod Connector by turning clockwise or counter clockwise until Latch Bolt just clears Strike. Undog Device.

## CAUTION: MAKE

 CERTAIN "E" RING ENGAGES SLOT IN STUMP. MSTALIS
Bar Assembly
Stump and se-
f"E"Ring. Shut
ve Case. Insert
tor. Turn Adjust-
tor by turning
clockwise until
s Strike. Undog

## STEP 12 INSTALL AND ADJUST BOTTOM ROD:



## STEP 13 MOUNT TOP AND BOTTOM LATCH COVERS:

Bottom Cover-Position above Bottom Latch Frame align with hole in slide assembly at bottom. Secure with furnished screw.
Top Cover-Position and secure with screw through bottom hole in Top Latch Frame.

## TO REMOVE AND REINSTALL CYLINDER IN KNOB:

## REMOVE KNOB:

1. Insert key in cylinder and turn $90^{\circ}$ clockwise.
2. Insert knob removing tool into the hole in the knob and depress the knob catch button.
3. While knob catch button is depressed pull knob off.
(The knob catch button will be in one of these positions).


## REMOVE CYLINDER FROM KNOB:

1. Remove sleeve
2. Remove key
3. Slide cylinder out of knob.
 pushing on the knob until it engages the knob catch button.
4. Return key to its vertical position and remove it.
5. Pull on the knob to be certain it is properly engaged to the knob catch button.

## REINSTALL CYLINDER IN KNOB:

1. Slide cylinder into knob.
2. Replace sleeve.

## REINSTALL KNOB:

1. With key inserted part way into cylinder slide knob onto knob shank.
2. Depress knob catch button and push knob on to the knob shank as far as it will go.
3. Insert key completely into the cylinder and turn the key while

REMOVING TOOL

