

# ED8200 Series

Low Profile Rim

Exit Devices



 **WARNING**

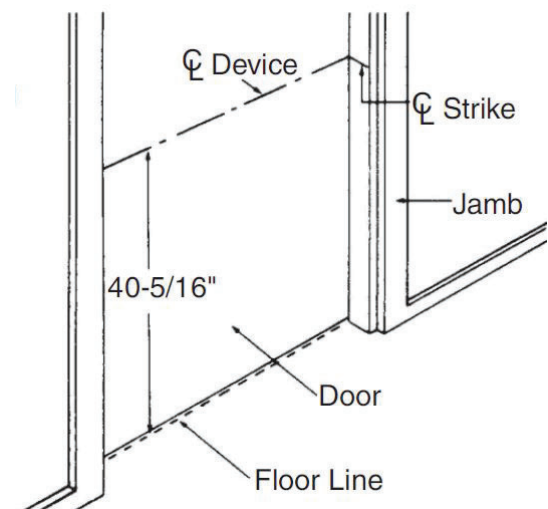
This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov).

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## 1 Wood and Metal Door Prep

### a Mark Centerline

Establish the centerline of the device by drawing a line across the door and stop 40-5/16" above the floor.



### Installation Instructions

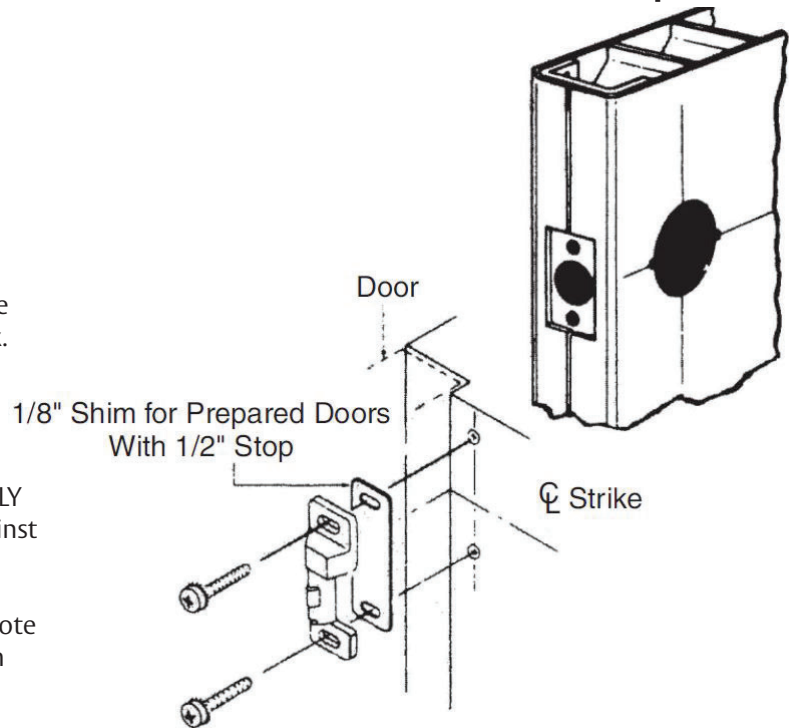
## 1 Wood and Metal Door Prep

### b If your door has cylindrical lock cut-out for ANSI A115.2 and A115.3 Prep Doors (Not for use with mullions.)

1. Extend horizontal and vertical centerlines of cut out as shown at right.

2. If frame has 5/8" stop, align centerlines on template with centerlines on door. Spot and drill template holes as described above and follow steps three through six.

3. If frame has 1/2" stop, align centerlines on template with centerlines on door and spot mounting holes for LATCH ASSEMBLY ONLY. The MOVE template up against stop and spot mounting holes for strike. Drill two mounting holes. Now follow steps three thru six. Note special shim shown at right, which is mounted beneath strike. **Shim furnished only when ordered.**



## 2 Spot and Drill Template Holes

Using template furnished, spot and drill mounting holes for trim (if furnished), device, and strike.

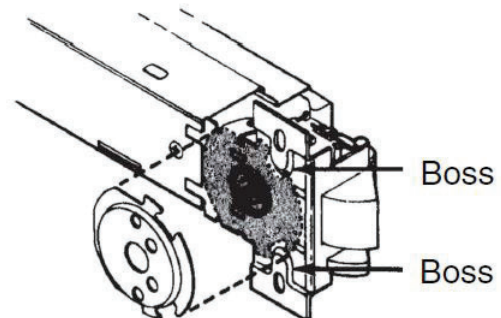
**Caution:** When installed with removable mullion, see instruction sheet packed with mullion. (Not for use with ANSI prep.)

## 3 Install Trim and Strike

### a Knob Trim

**Caution:** Refer to template packed with trim before proceeding with Step 3.

**Caution:** When using the ANSI cylinder plate, the bosses on the latch assembly must fit into the cutouts on the cylinder plate so that the latch assembly lays flat on the door.



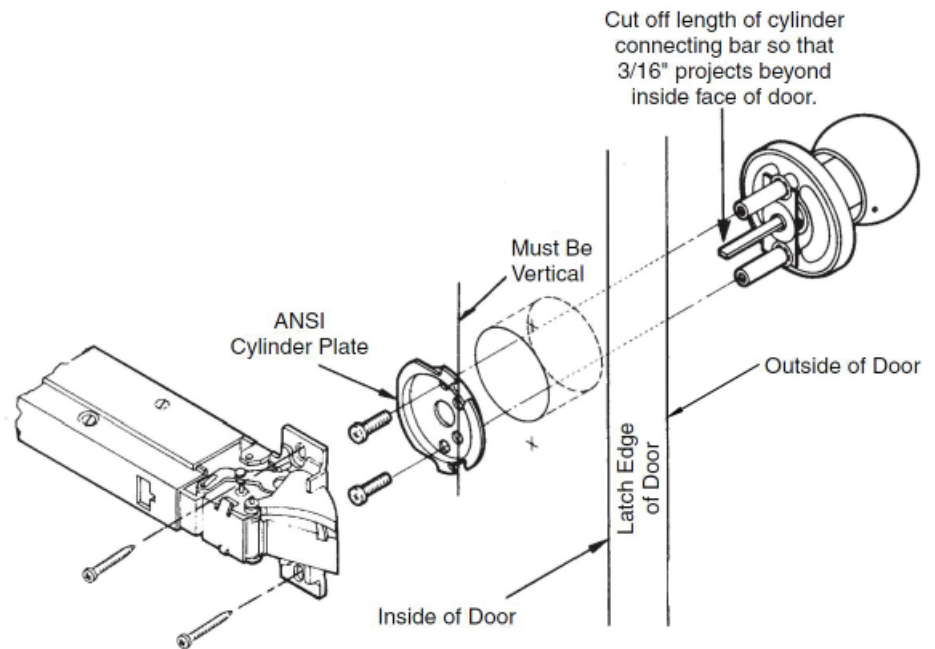
View reversed to show proper mating position when installed.

### 3

## Install Trim and Strike, continued

### a

## Knob Trim, continued

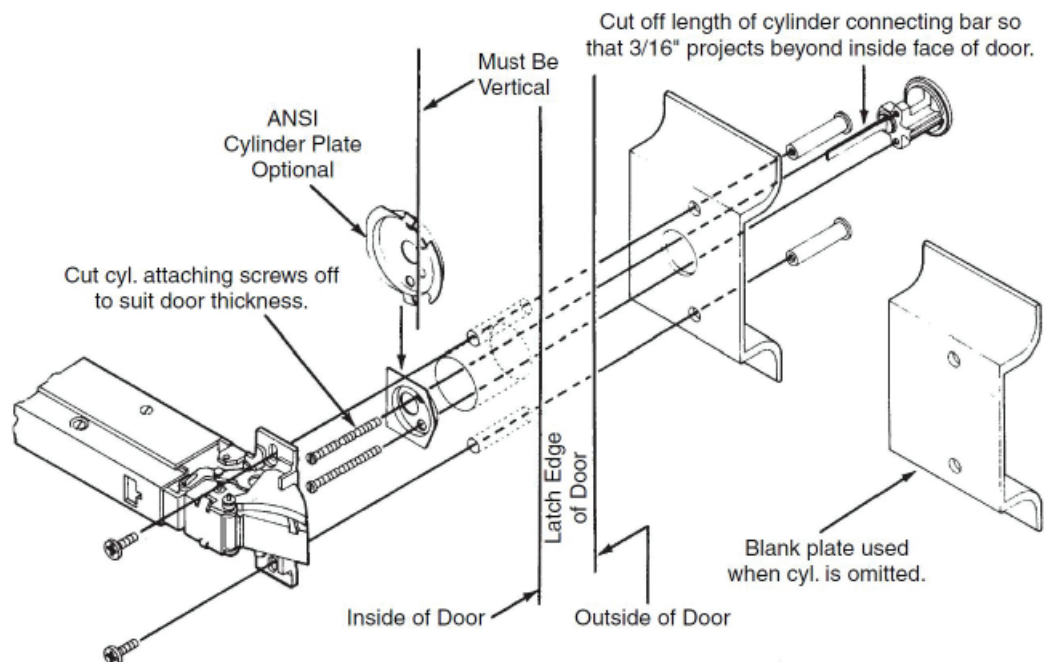


### b

## Pull and Plate Trim

**Caution:** Refer to template packed with trim before proceeding with Step 3.

**Caution:** When using the ANSI cylinder plate, the bosses on the latch assembly must fit into the cutouts on the cylinder plate so that the latch assembly lays flat on the door.



#### 4

### Cutting Push bar

If bar does not require cutting, proceed to Step 5.

A. Measure and mark bar as shown.

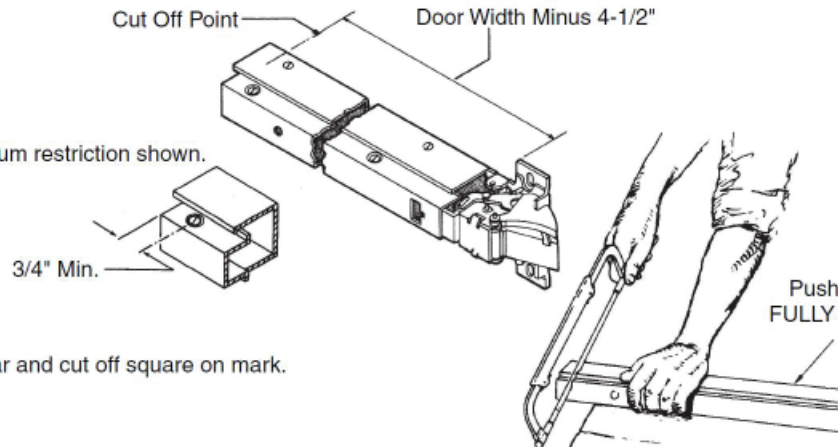
Cut Off Point Door Width Minus 4-1/2"

B. Note 3/4" minimum restriction shown.

3/4" Min.

Push bar must be FULLY DEPRESSED.

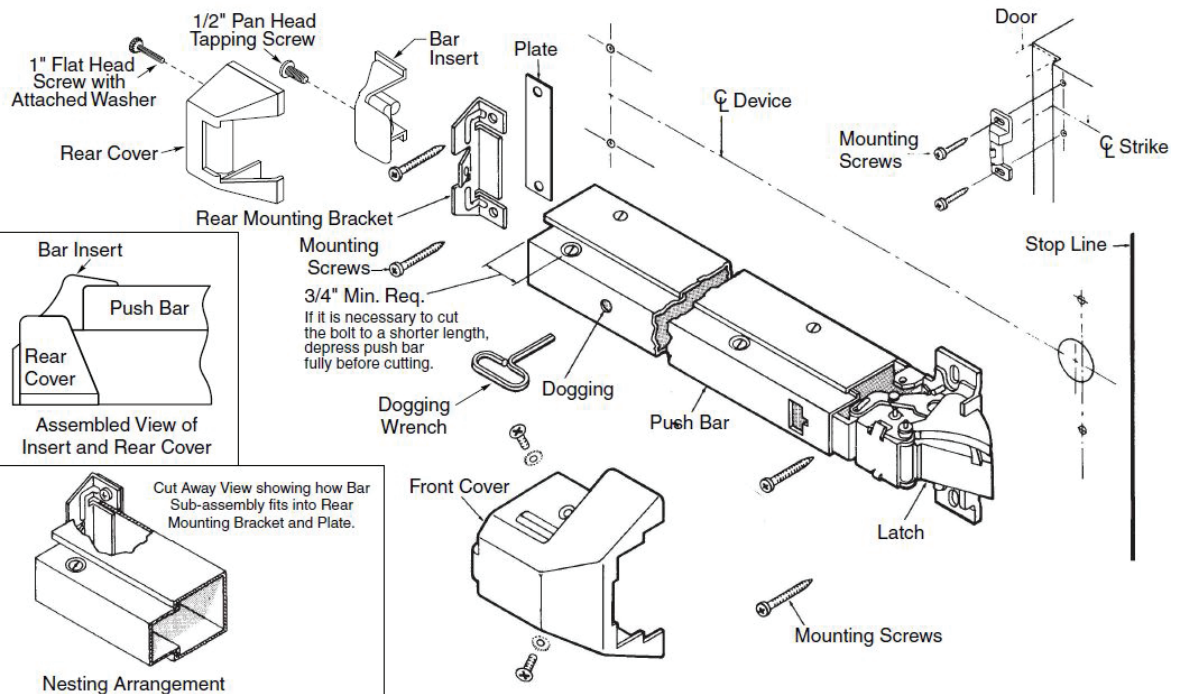
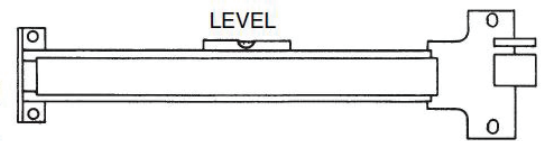
C. Fully depress bar and cut off square on mark.



#### 5

### Mount device

Attach latch to door but do not tighten screws. Assemble rear mounting bracket to push bar (see nesting arrangement in exploded view). Use rear mounting bracket as a template to spot holes for mounting screws. Push bar should be level. Drill screw holes and attach rear mounting bracket and plate to door. Secure latch screws. Assemble push bar insert over rear end of push bar. Attach front and rear covers.





## 6

### Test Push Bar and Dogging Operation

#### No-Trim Series:

Latch bolt is retracted by the push bar inside.

#### Pull and Plate Trim Series:

Latch bolt is retracted by the push bar inside and the key outside. Turning the key in either direction will retract the latch. Return key to the horizontal position to remove key and project latch.

#### Knob Trim Series:

Latch bolt is retracted by the push bar inside and the key or knob outside.

To lock knob: Insert key in cylinder and turn counterclockwise as far as the key will turn. Then return it to its vertical position and withdraw key.

To unlock knob: Insert key in cylinder and turn clockwise as far as the key will turn (the latch will retract during this procedure). Then return the key to its vertical position and withdraw key.

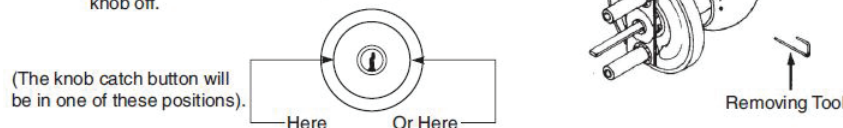
Dogging: Depress push bar. Insert dogging wrench and turn clockwise 90°. The push bar will remain depressed and the latch will remain retracted.

## 7

### To Remove and Reinstall Cylinder in Knob

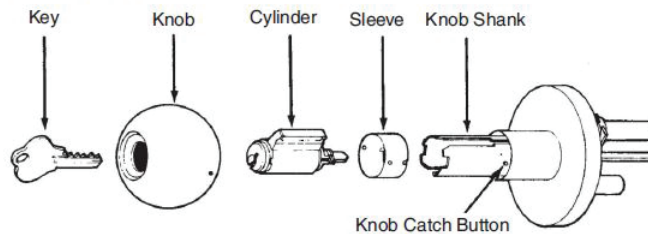
#### Remove knob:

1. Insert key in cylinder and turn 90° 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.



#### Remove cylinder from knob:

1. Remove sleeve.
2. Remove key.
3. Slide cylinder out of knob.



#### 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 onto the knob shank as far as it will go.
3. Insert key completely into the cylinder and turn the key while 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.

Screw Chart		
Item	Qty.	Fastener
Front plate assembly and rear bracket	4	12-24 x 3/4 Lg. pan head machine screw or #12 x 1-1/4 Lg. pan head tapping screws type "A"
Strike	2	12-24 x 3/4 Lg. pan head machine screw or #12 x 1-1/4 Lg. pan head tapping screws type "A"

Drill sizes for screws and sex nuts cannot be recommended because various factors, such as type of door and frame construction, thickness and type of metal, etc. can affect the final hole diameter and resulting holding strength of the fastener.

Installation Instructions

FOR LHR DOOR

Fold toward you on this line and place this edge against face of stop.

**CYLINDER HOLE**  
 IF PULL OR PLATE TRIM with cylinder is used. Drill 1-5/16" dia hole thru door for cylinder.  
 IF CYLINDER only is used, drill 1-5/16" hole from inside of door and 1-9/16" hole 1/8" deep from outside of door.

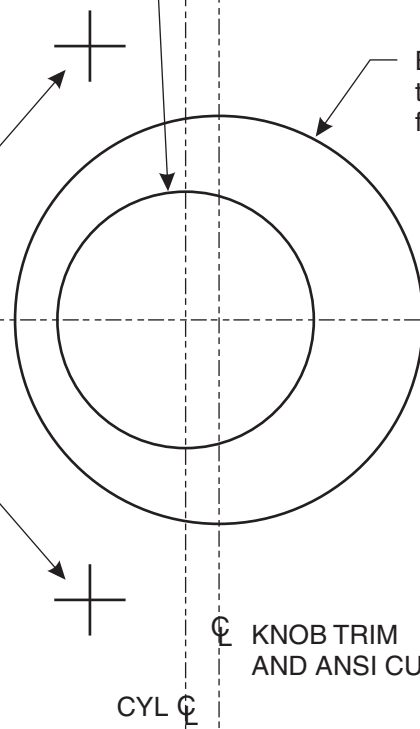
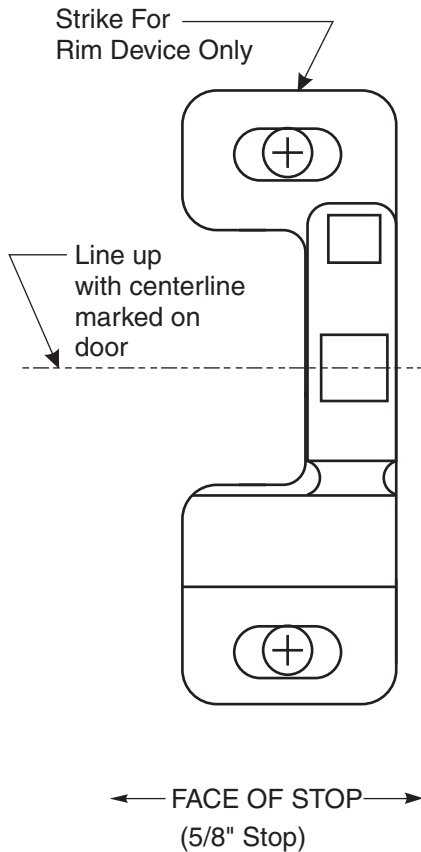
**CAUTION**

When installed with removable mullion, see instruction sheet packed with mullion.

REVIEW INSTALLATION FORM PACKED WITH DEVICE BEFORE USING THIS TEMPLATE

MOUNTING INSTRUCTIONS

- 1) For Pull or Plate Trim.....Drill (2) 1/8" dia holes thru door.
- 2) For Knob Trim (standard) or no trim.....Spot (2) screw hole locations for bracket screws.



FOR RHR DOOR

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