

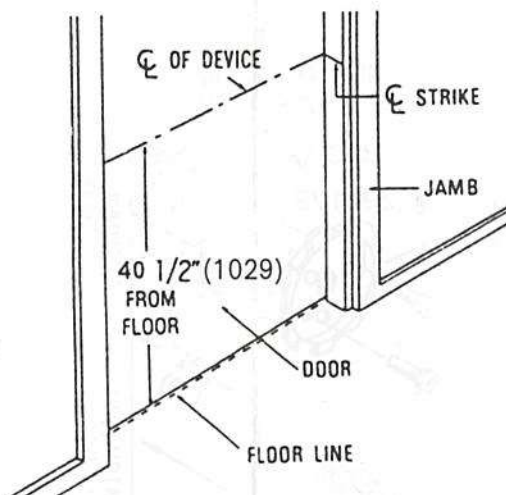
INSTALLATION INSTRUCTIONS FOR

300 SERIES RIM EXIT DEVICE REVERSIBLE (NON HANDED)

POSITIONING EXIT DEVICE

A. CENTER LINE

Position the center line for the device 40 1/2" (1029) above floor. Draw a line across door & frame.



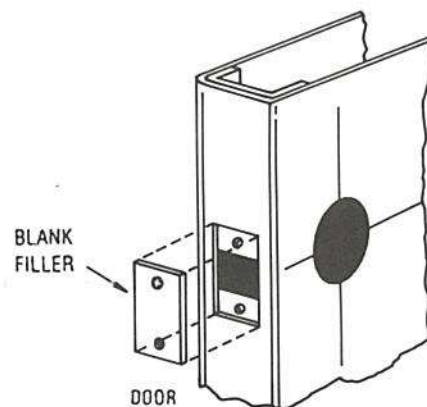
SEE PAGE 6 FOR SCREW
AND DRILL SIZE CHART

PLEASE NOTE:

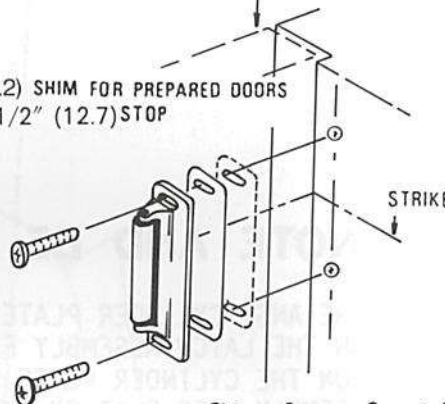
IF DOOR HAS PREPARATION FOR 2 3/4 (70) BACKSET CYLINDRICAL LOCK, MOUNT PANIC STRIKE USING CENTER OF 2 1/8 (54) DIAMETER LOCK HOLE

WHEN YOUR DOOR HAS CYLINDRICAL LOCK CUT-OUT FOR ANSI A115.2 AND A115.3 PREP DOORS.

1. Extend horizontal and vertical center lines of cut-out shown at sight.
2. If frame has 5/8" (16) stop, align center lines on template with center lines on door. Stop and drill template holes as described above and follow steps three thru six.
3. If frame has 1/2" (12.7) stop, align center lines on Template with center lines on Door and spot mounting holes for LATCH ASSEMBLY ONLY. Then 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.



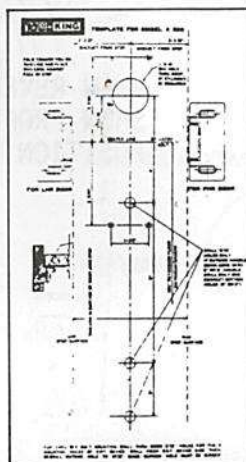
1/8" (3.2) SHIM FOR PREPARED DOORS WITH 1/2" (12.7) STOP



Shim always furnished as standard part of package.

B. LOCATE AND DRILL TEMPLATE HOLES

With template furnished, locate and drill mounting holes for Trim, Device and Strike.

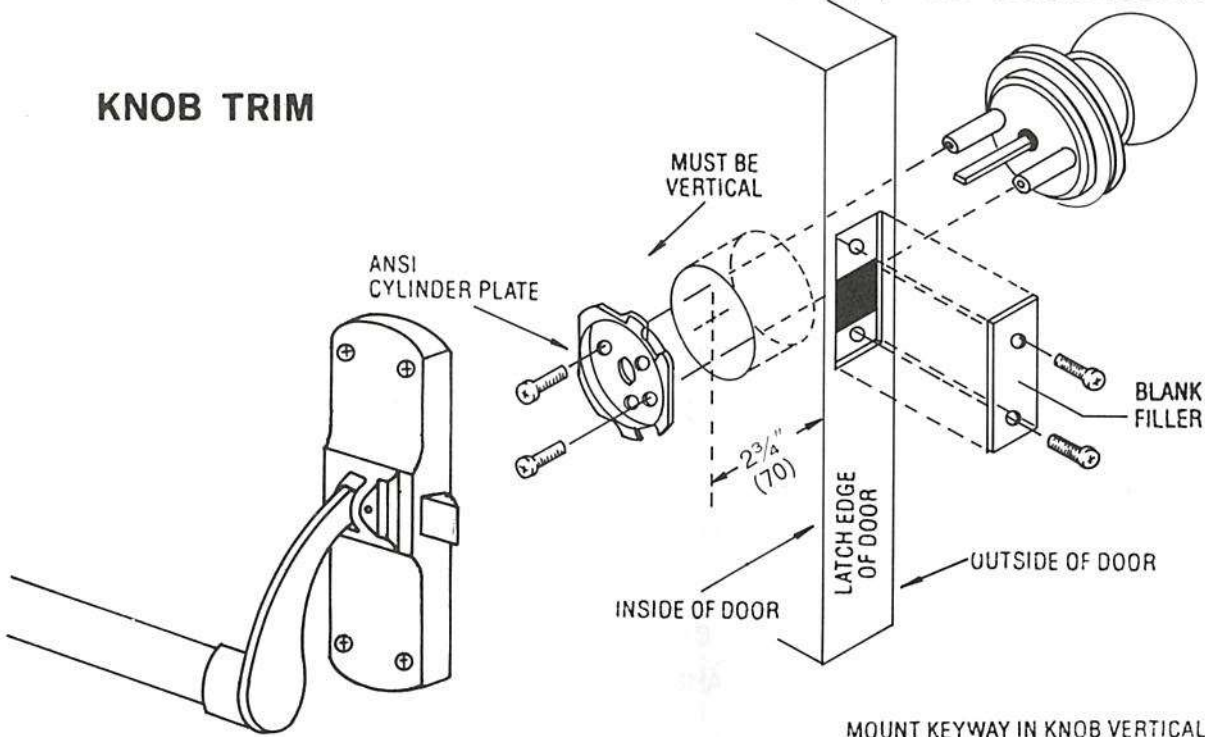


INSTALLATION FOR KNOB LOCK TRIM & STRIKE

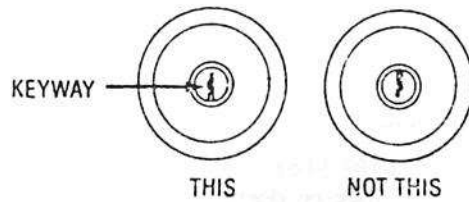
ALWAYS REFER TO TEMPLATE
PACKED WITH TRIM BEFORE
PROCEEDING WITH INSTALLATION

CUT OFF LENGTH OF CYLINDER CONNECTING BAR SO THAT
3/16" (4.8) PROJECTS BEYOND INSIDE FACE OF DOOR.

KNOB TRIM



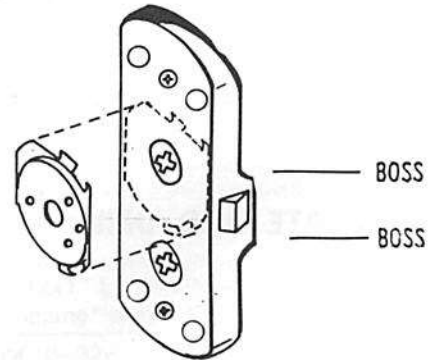
MOUNT KEYWAY IN KNOB VERTICALLY AS SHOWN



PLEASE NOTE AND BE CAREFUL

WHEN USING THE ANSI CYLINDER PLATE BE SURE
THE BOSSES ON THE LATCH ASSEMBLY FIT INTO
THE CUTOUTS ON THE CYLINDER PLATE SO THAT
THE LATCH ASSEMBLY LIES FLAT ON THE DOOR.

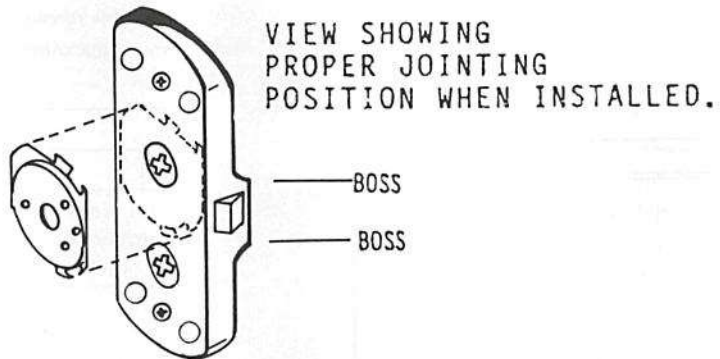
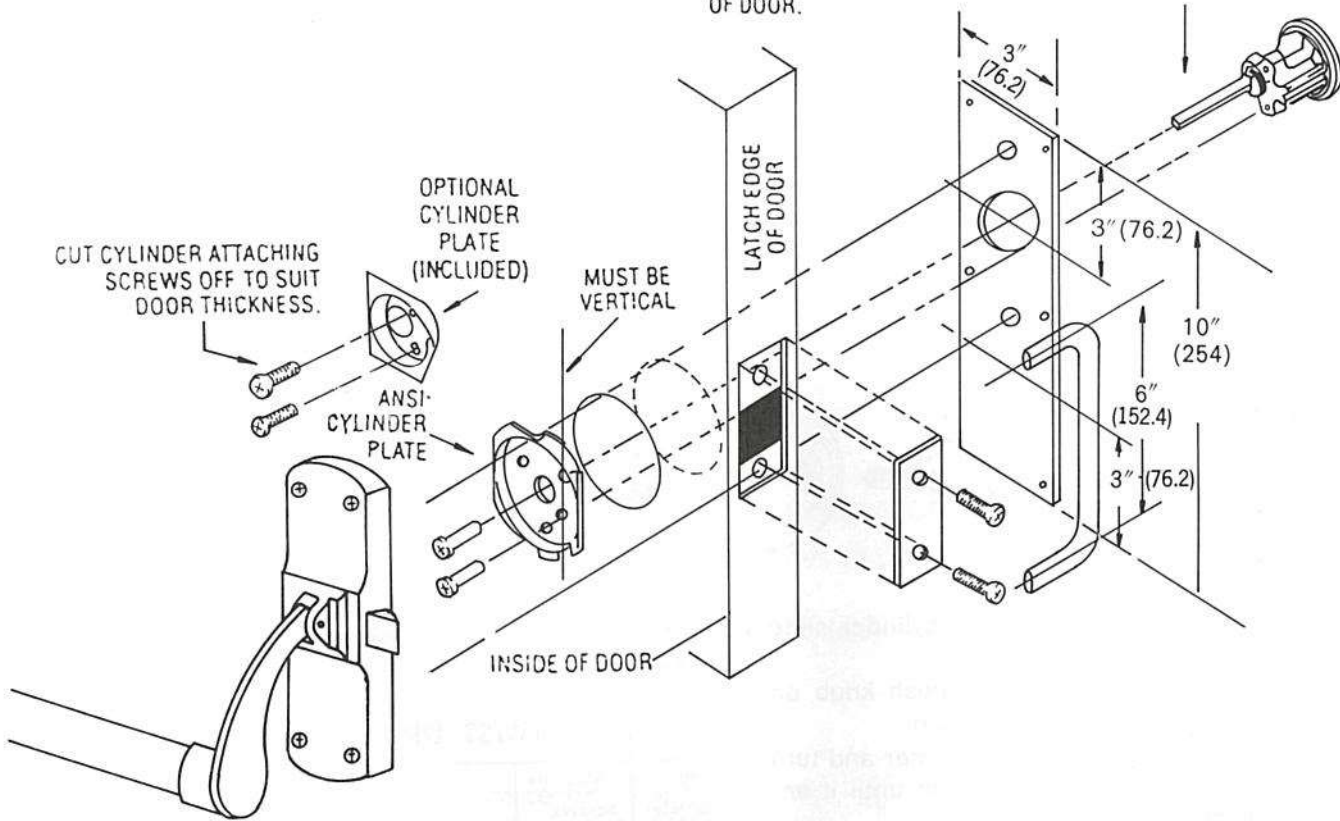
VIEW REVERSED TO
SHOW PROPER MATING
POSITION WHEN INSTALLED.



D. INSTALL TRIM & STRIKE

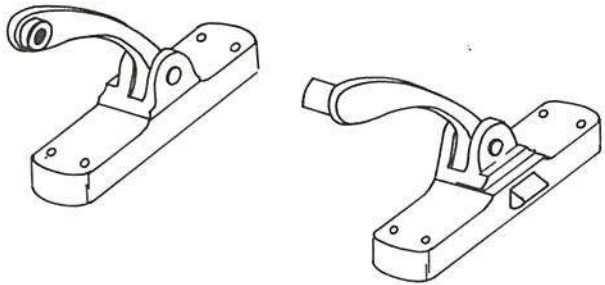
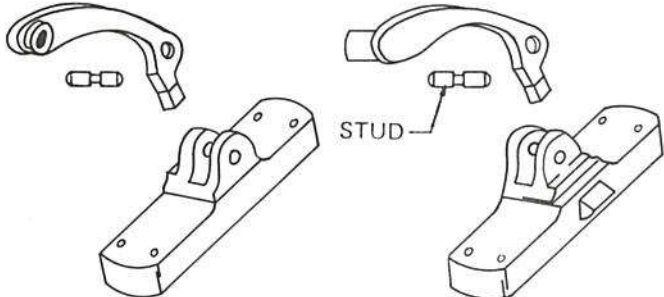
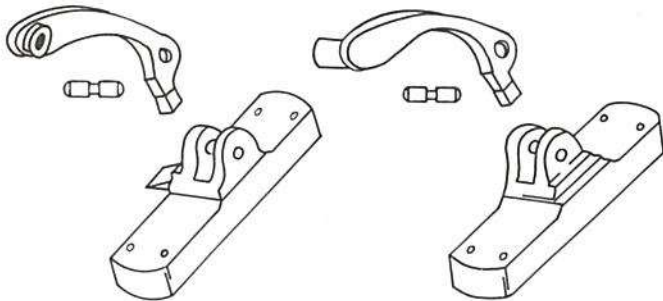
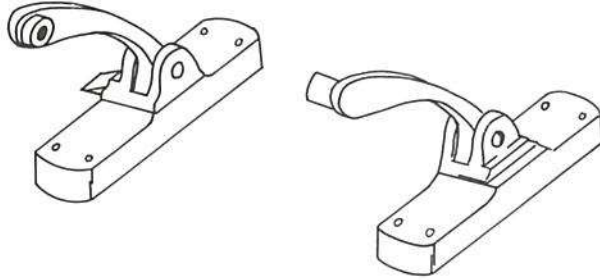
PULL AND PLATE TRIM

MOUNT CYLINDER HORIZONTALLY AS SHOWN. CUT OFF LENGTH OF CYL. CONNECTING BAR SO THAT 3/16" (4.8) PROJECTS BEYOND INSIDE FACE OF DOOR.

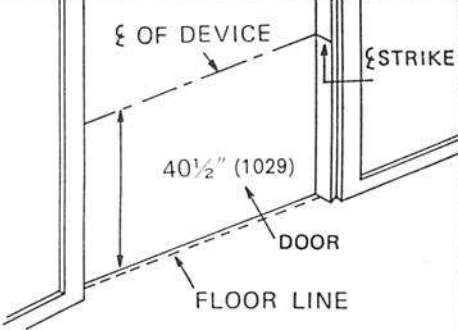
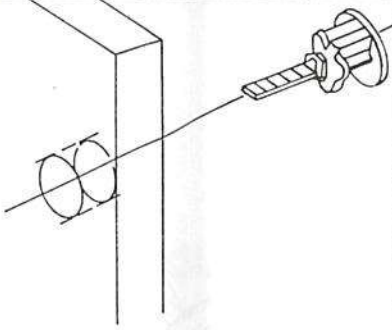
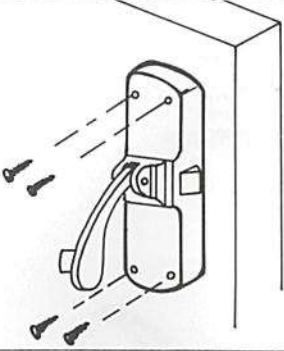
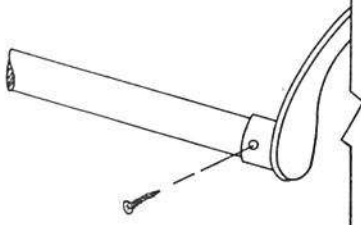
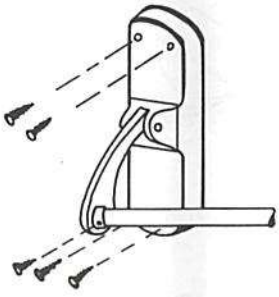
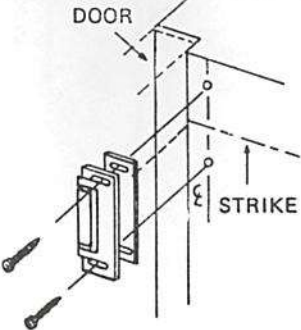


PLEASE NOTE AND BE CAREFUL WHEN USING THE ANSI CYLINDER PLATE BE SURE THE BOSSES ON THE LATCH ASSEMBLY FIT INTO THE CUTOUTS ON THE CYLINDER PLATE SO THAT THE LATCH ASSEMBLY LIES FLAT ON THE DOOR.

DIRECTIONS FOR REVERSING HANDING OF DEVICE

	
<p>USE SCREW DRIVER TO LOOSEN THE FIXING SCREWS AT BOTH ENDS OF HANDLES.</p>	<p>REMOVE STUDS TO DISASSEMBLE BOTH HANDLES.</p>
	
<p>REVERSE BOTH HANDLES AND PUT BACK THE STUDS, THEN PUT BACK BOTH SCREW & DEVICE WILL BE REVERSED.</p>	<p>ASSEMBLE CROSS BAR TO BOTH HANDLES AND THEN YOU ARE READY TO MOUNT DEVICE ON DOOR.</p>

MOUNTING INSTRUCTIONS

		
<p>A = 40½" (1029) DISTANCE FROM FINISHED FLOOR TO CENTER OF LATCH BOLT.</p>	<p>WHEN USING EXTERIOR KEY RIM CYLINDER DRILL HOLE IN ACCORDANCE WITH ENCLOSED TEMPLATE.</p>	<p>FOLLOW MOUNTING TEMPLATE & MOUNT PANIC DEVICE MAIN UNIT WITH LATCH.</p>
		
<p>FIX CROSS-BAR TO HANDLE WITH USE OF MACHINE SCREWS.</p>	<p>FIX CROSS-BAR TO OTHER HANDLE, THEN MOUNT 2ND HANDLE TO DOOR.</p>	<p>FIX STRIKE ON JAMB IN ACCORDANCE WITH MOUNTING TEMPLATE.</p>

IMPORTANT-PLEASE NOTE

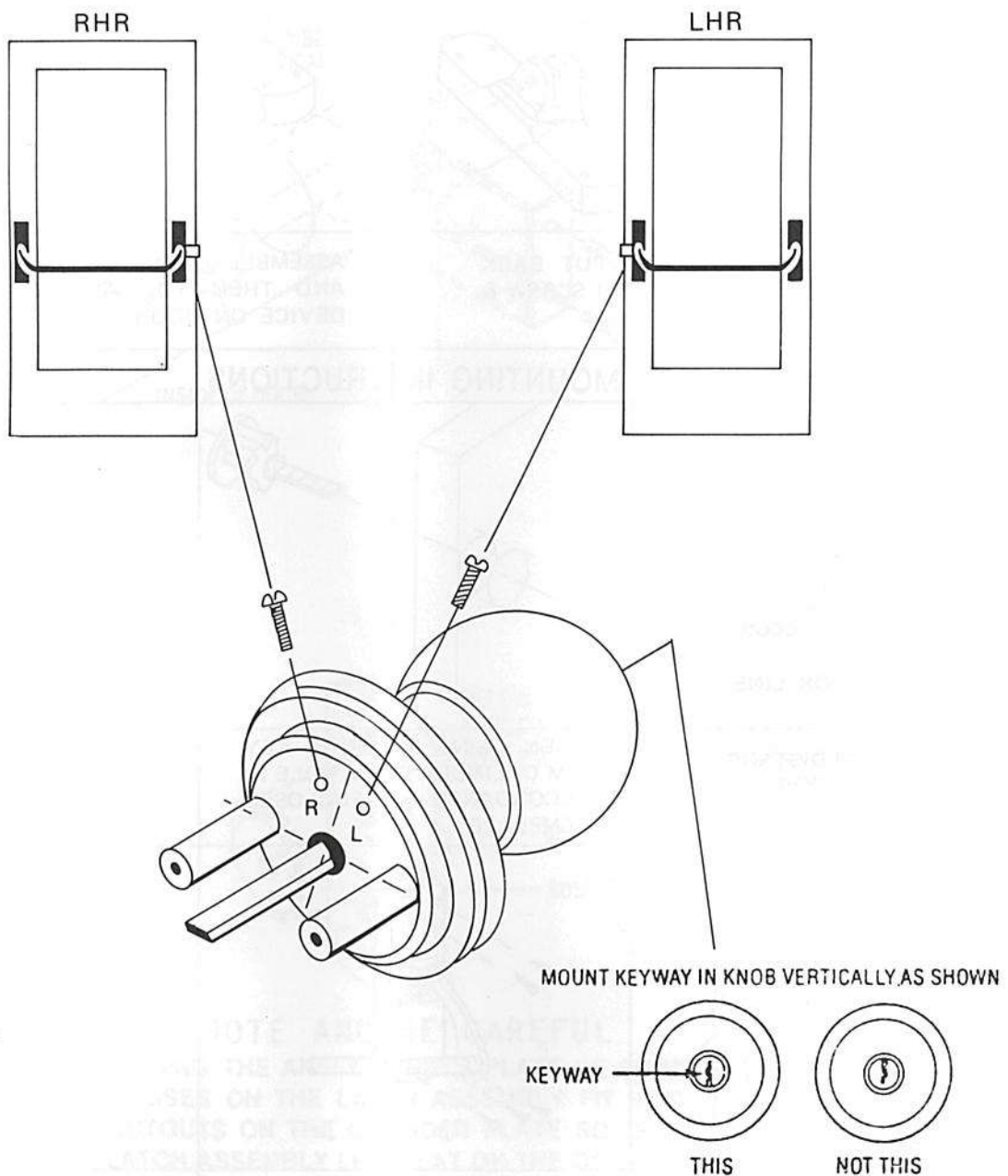
WHEN USING THIS BALL KNOB LOCK WITH A HANDED PANIC DEVICE LIKE OUR ED-300 SERIES YOU MUST USE SET SCREW IN BACK OF LOCK CASE. OTHERWISE YOU WILL BREAK THE TAIL PIECE.

PUT SET SCREW IN HOLE MARKED
"R" – IF MOUNTED ON A RIGHT HAND DEVICE
"L" – IF MOUNTED ON A LEFT HAND DEVICE

WHEN USING THIS LOCK WITH A NON HANDED PANIC DEVICE LIKE OUR ED-500 SERIES. REMOVE AND DON'T USE THE SET SCREW

*** ALL TOUCH BAR PANIC DEVICES ARE NON HANDED

*** ALL CONVENTION PANIC DEVICES ARE HANDED

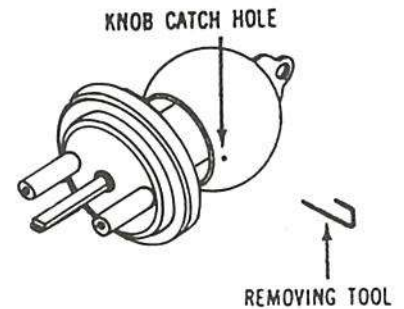
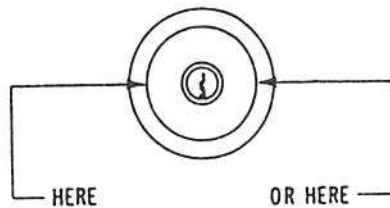


HOW TO REMOVE & REINSTALL CYLINDER IN LOCK

Remove knob:

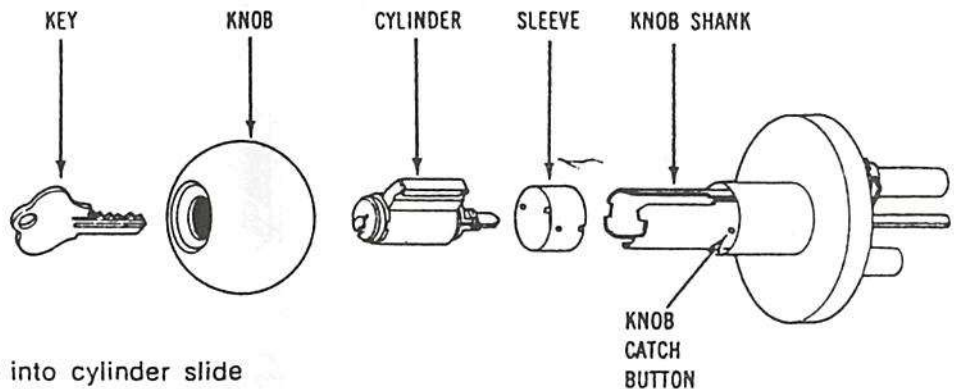
1. Insert key in cylinder and turn 90° clockwise.
2. Insert knob removing tool into the hole in the knob and depress the knob catch button.
3. While knob catch button is depressed pull knob off.

(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.



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 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.

TWIST DRILL SIZES

Screw Diameter	* Machine Screws	Self Tapping Screws			
		All Door Gauges	24 GA.	20 GA.	18 GA.
#8	# 29 (3.5)	1/8" (3.2)	1/8" (3.2)	# 30 (3.3)	# 29 (3.5)
#12	# 16 (4.5)	# 19 (4.2)	# 19 (4.2)	# 18 (4.3)	# 16 (4.5)

*Machine screws are intended for use with doors having sufficient metal thickness for proper tapping (reinforced doors) or sex bolts.

SCREW CHART

Item	Qty.	Fastener
Front plate assembly and rear bracket	8	#12x2" Lg. oval head tapping screws type "A"
Strike	2	#12x1" Lg. oval head tapping "screws type "A"
Edge Filler	4	2 #8-32x1/2 machine screw, 2 #8x1 pan hd, tapping screw.
Strike Filler	4	#12-24x1/2 flat hd, machine screw, 2 #12x3/4, pan hd, tapping screw.

Drill sizes for screws are recommended but 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.

