DOOR AND JAMB PREPARATION

1. MARK DOOR
   A. Check lock for proper backset and body
      before marking.
   B. Detach stub.
   C. Fold template at correct marking for door
      bevel (high or low bevel, or flat).
   D. Position template at correct height
      recommended height for centerline is
      38" (97cm) from floor.
   E. Mark center for 2-1/8" (54mm) hole.
   F. Use stub to mark center of door thickness.

2. DRILL HOLES
   A. Mark vertical line and height line on jamb
      exactly opposite center of latch hole.
   B. Drill two (2) 7/8" (22mm) holes, 11/16" (17mm)
      deep, into door jamb as shown.
   C. Mortise a cutout for the strike. Use strike as a
      pattern for the mortise.
      (Strike should fit flush with the door jamb)

3. INSTALL LATCH
   A. Insert latch into hole. Trace around faceplate.
   B. Chisel out wood until faceplate fits flat with
      door edge.
   C. Drill two (2) 9/64" (3.5mm) holes and secure
      latch unit with combi-screws supplied.
   D. Fasten latch to door so that beveled side of
      latchbolt faces jamb.

4. INSTALL STRIKE
   A. Drill a 2-1/8" (54mm) hole through door. Drill
      from both side to avoid damaging door.
   B. Drill 1" (25mm) or 7/8" (22mm - depending on
      latch housing diameter) on door edge.

Lock Installation

A. Disassemble inside lever.
B. Disassemble inside rose cover.
C. Disassemble mounting plate.
6. Adjust for door thickness

Outside rose assembly

Lockset is factory present for 1 ¾" (45mm) doors.

A. It can be adjusted for door thickness range of 1 3/8" to 2".
B. Rotate outside rose assembly until correct door thickness.

IMPORTANT: Place inside lock into position. Make sure that latch prongs engage chassis housing and latch retractor engages latch bar.

7. Install outside lock unit

Engage prongs

IMPORTANT: This lock is present for 1 3/4" (45mm) doors. See Step 6 to center chassis in door or to change adjustment of other door thicknesses.

8. Install Mounting plate

Two #10-32UNF x 1 ½" L screws

A. Hold outside unit in place.
B. Put mounting plate into position on chassis.
C. Place mounting plate. Lighten it to lock body with two (2) #10-32UNF x 1 ½ " L screws.

9. Install inside rose cover

A. Align dimples on rose with grooves in mounting plate.
B. Place rose against door and rotate clockwise until dimples snap into slots next to the groves.

10. Install inside lever

A. Slide inside lever onto spindle. Push lever completely into place. (Pull on lever to make sure that catch is fully engaged.)
B. Test operation of lock to make sure you have followed instructions correctly.

11. Remove outside lever

A. Insert key into cylinder. Insert push pin (or similar tool) into hole in lever. Turn key one-quarter turn and push tool (push pin) to depress lever catch. Slide the lever from spindle.

12. Reassemble outside lever

Reverse Step 11 to reassemble levers.
A. To reassemble, put the cylinder and key inside lever.
B. Push cylinder further in until it engages retractor.
C. Turn key 90° clockwise then hold the key.
D. Depress lever catch and push lever (not key) in until it clicks then release the key.

CAUTION FOR CLASSROOM FUNCTION

Make sure to turn cam counter-clockwise by a driver as far as it will go before reassembling cylinder to prevent misalignment of cam for classroom function.