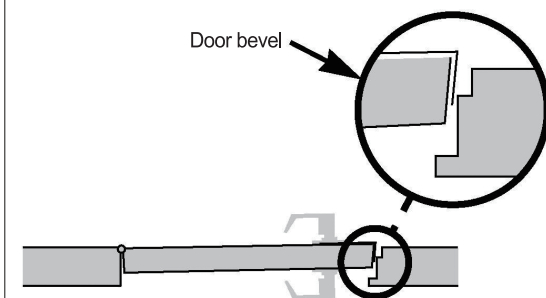
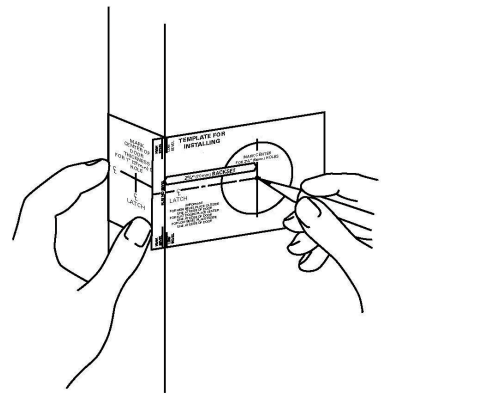


Instructions For Installing Cylindrical Leverset

NOTE : Accurate door preparation is essential for proper functioning of this lock. Follow template and instructions carefully.

The anti - sagging mechanism of handle in cylindrical leverset has a patent pending in the U.S. and foreign countries.

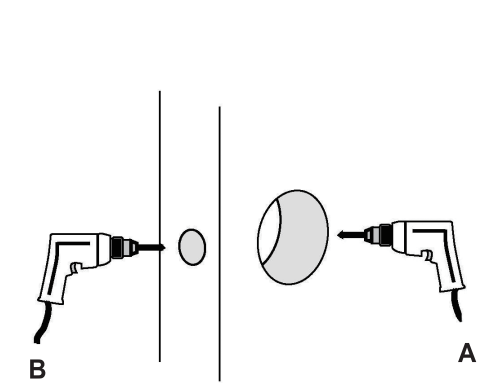
Door and jamb preparation



1. Mark door

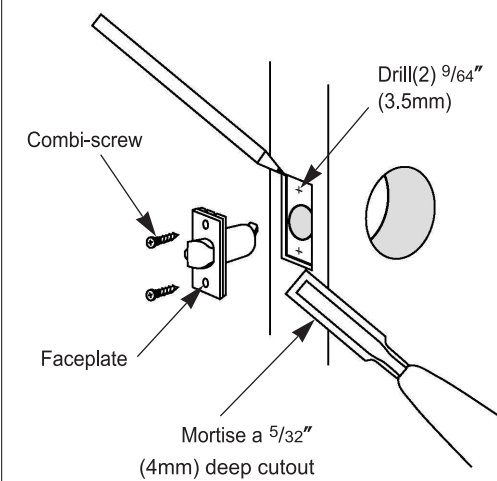
- Check lock for proper backset before marking.
- Detach stub.
- Fold template at correct marking for door bevel (high or low bevel, or flat).
- Position template at correct height (recommended height for centerline is 38" (97cm) from floor).
- Mark center for 2 1/8" (54mm) hole.
- Use stub to mark center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

2. Drill holes



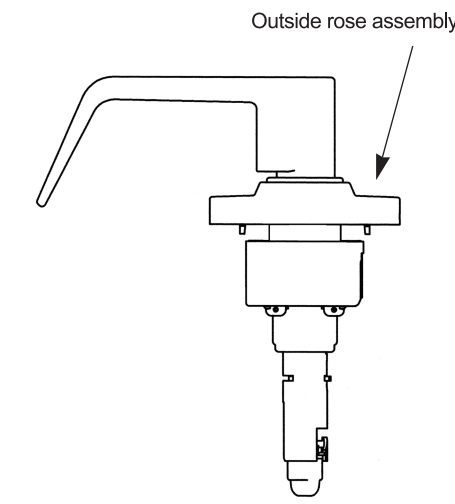
- Drill a 2 1/8" (54mm) hole through door (from both sides to avoid damaging door).
- Drill a 1" (25mm) or 7/8" (22mm) (depending on latch housing diameter) in door edge.

3. Install latch



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

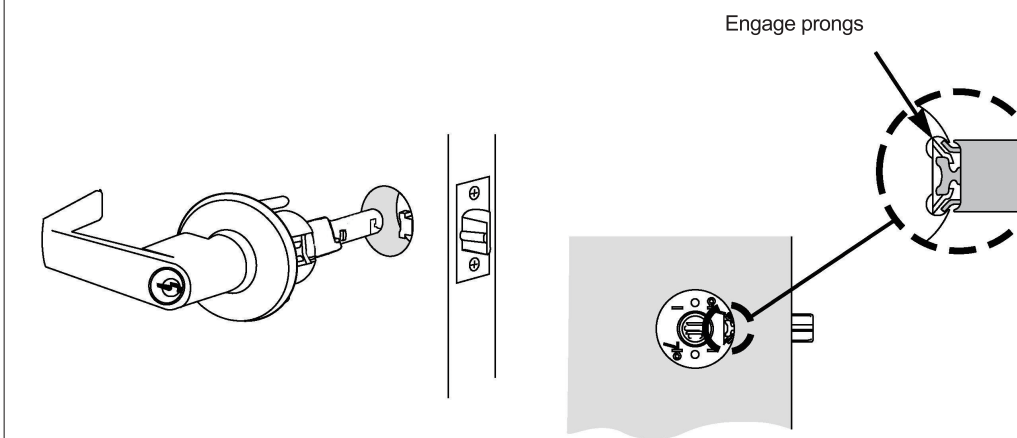
6. Adjust for door thickness



Lockset is factory preset for 1 3/4" (45mm) doors.

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

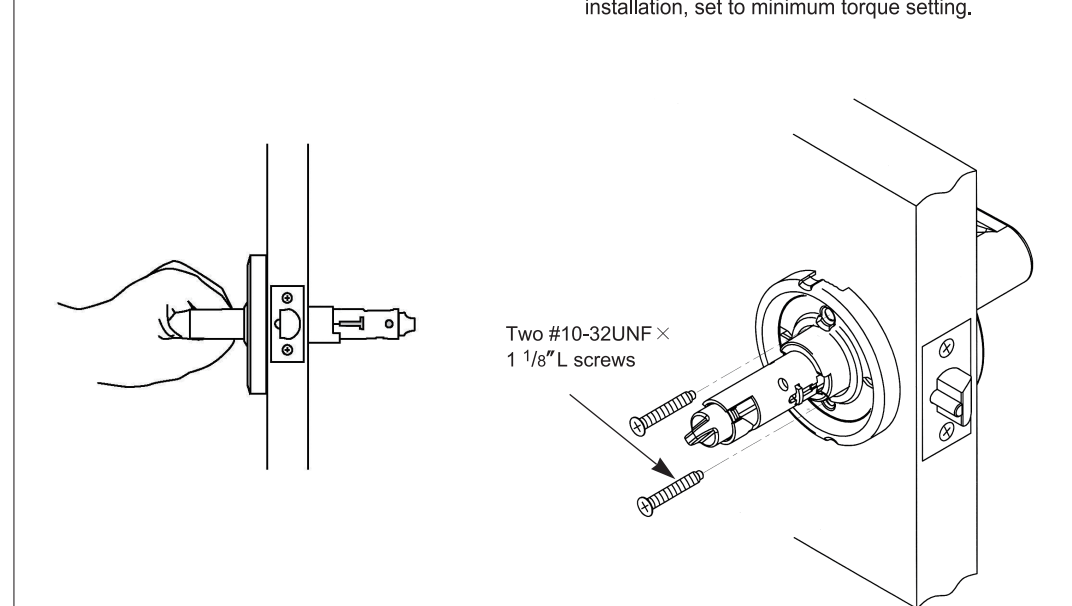
7. Install outside lock unit



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

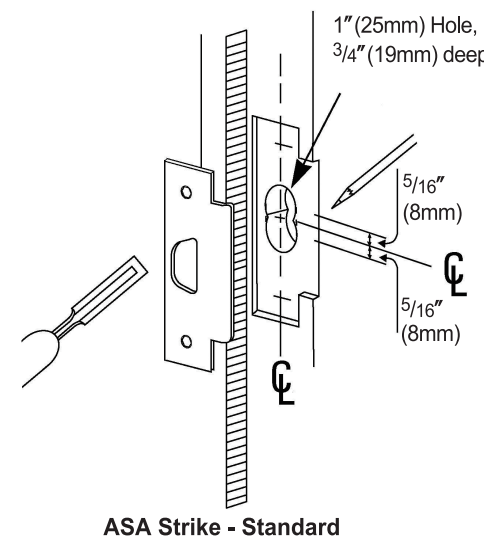
IMPORTANT : This lock is factory preset for 1 3/4" (45mm) doors. See Step 6. to center chassis in door or to change adjustment fo other door thicknesses

8. Install Inside rose assembly

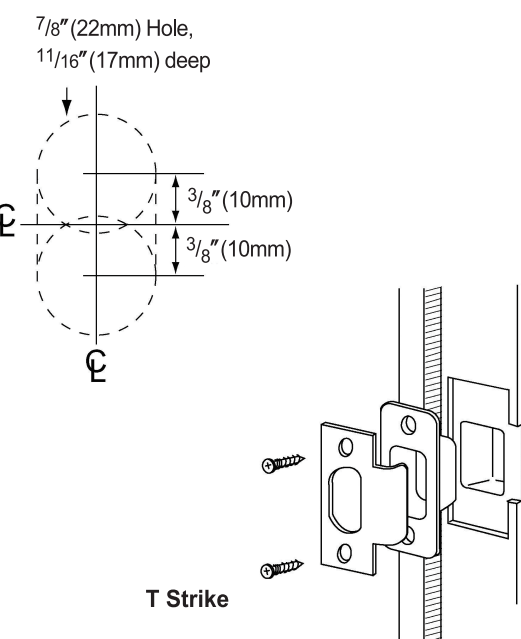


- Hold outside unit in place.
- Put inside rose assembly into position on chassis.
- Place inside rose assembly. Tighten it to lock body with two(2) #10 - 32UNF x 1 1/8" L screws.

4. Install strike



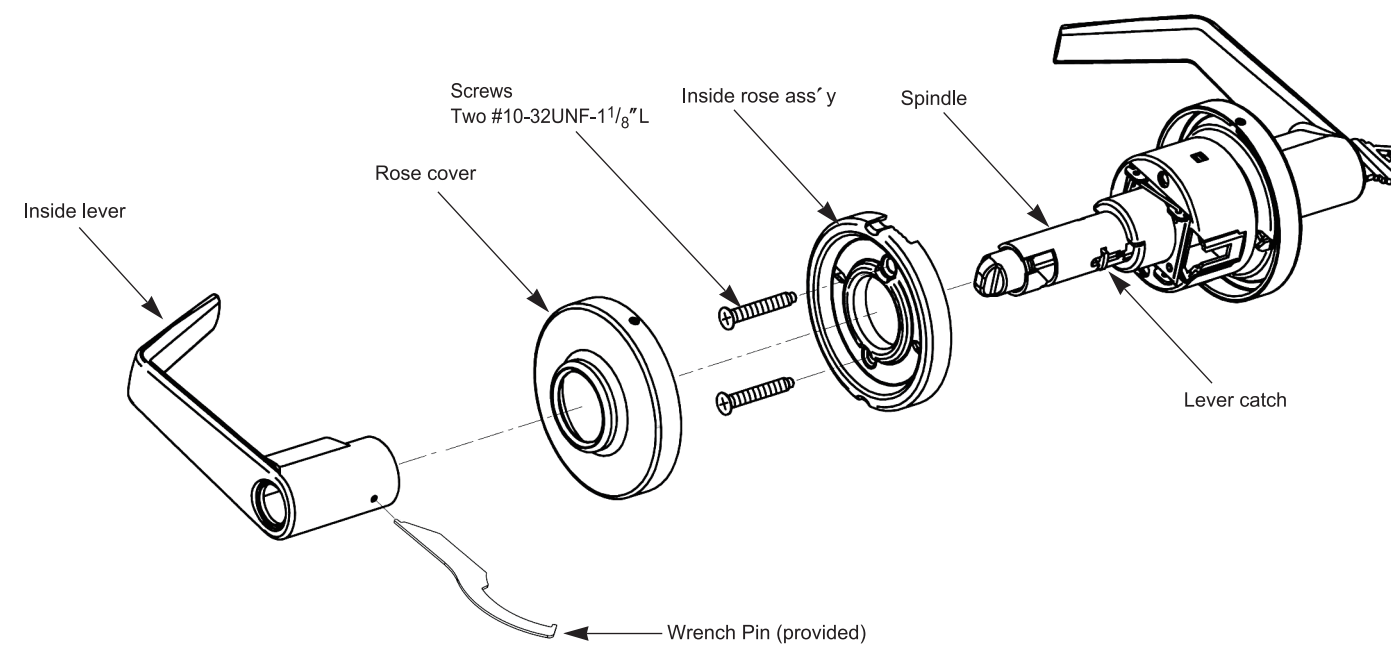
- Mark vertical line and heightline on jamb exactly opposite center of latch hole.
- Drill two(2) 1" (25mm) holes, 3/4" (19mm) deep, 5/16" (8mm) above and below heightline.
- Use strike plate to pattern for cutout. Clean out hole and install strike.



- Mark vertical line and heightline on jamb exactly opposite center of latch hole.
- Drill two(2) 7/8" (22mm) holes, 1 1/16" (17mm) deep, into doorjamb as shown.
- Mortise a cutout for the strike. Use strike as a pattern for the mortise. (Strike should fit flush with the doorjamb.)

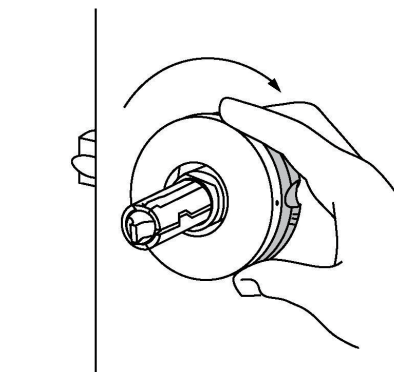
Lock Installation

5. Disassemble inside trim



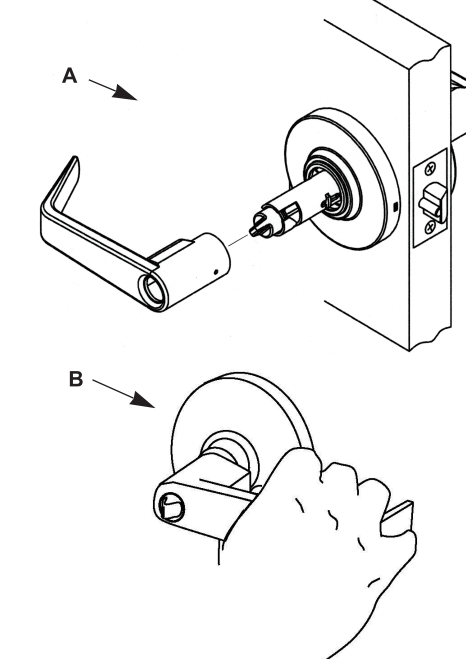
- Disassemble inside lever.
- Twist inside rose cover to remove.
- Disassemble inside rose assembly.

9. Install inside rose cover



- Align dimples on rose with grooves in inside rose assembly.
- Place rose against door and rotate clockwise until dimples snap into slots next to the grooves.

10. Install inside lever

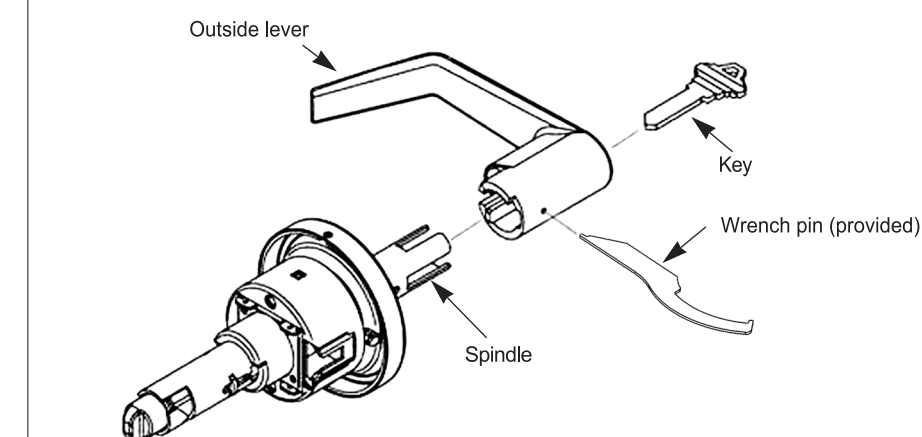


- Slide inside lever onto spindle. Push lever completely into place. (Pull on lever to make sure that catch is fully engaged.)
- Place rose against door and rotate clockwise until dimples snap into slots next to the grooves.

How to remove & reassemble outside lever

11. Remove outside lever

NOTE: Required if you re-key the lock or adjust the door thickness (See Step 6)



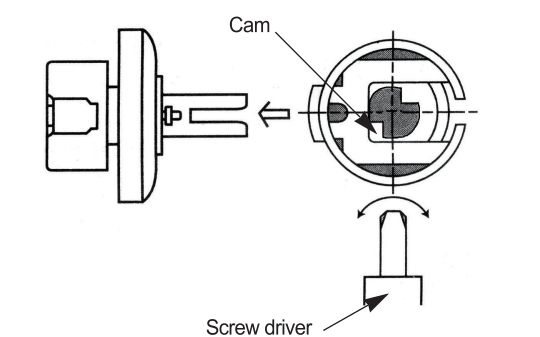
- Insert key into cylinder. Insert wrench pin(provided) into hole in lever. Turn key one - quarter turn and push pin to depress lever catch. Slide the lever from spindle.

12. Reassemble outside lever

Reverse Step 11 to reassemble levers.

- To reassemble. Put a cylinder and key in lever.
- Push cylinder further in until it engages retractor.
- Turn key 90° clockwise and hold a key.
- Depress lever catch and push lever (Not key) in until it clicks then release a key.

CAUTION FOR CLASSROOM FUNCTION



- Locking:** Turn key counter-clockwise. Return to take a key out.
- Unlocking:** Turn key clockwise. Return to take a key out.

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