

INSTALLATION INSTRUCTIONS

7800 Knobs/8200 Levers Mortise Lock & 3P8225 Levers Triad Lock with Rose Trim - CR, L, & TR Designs

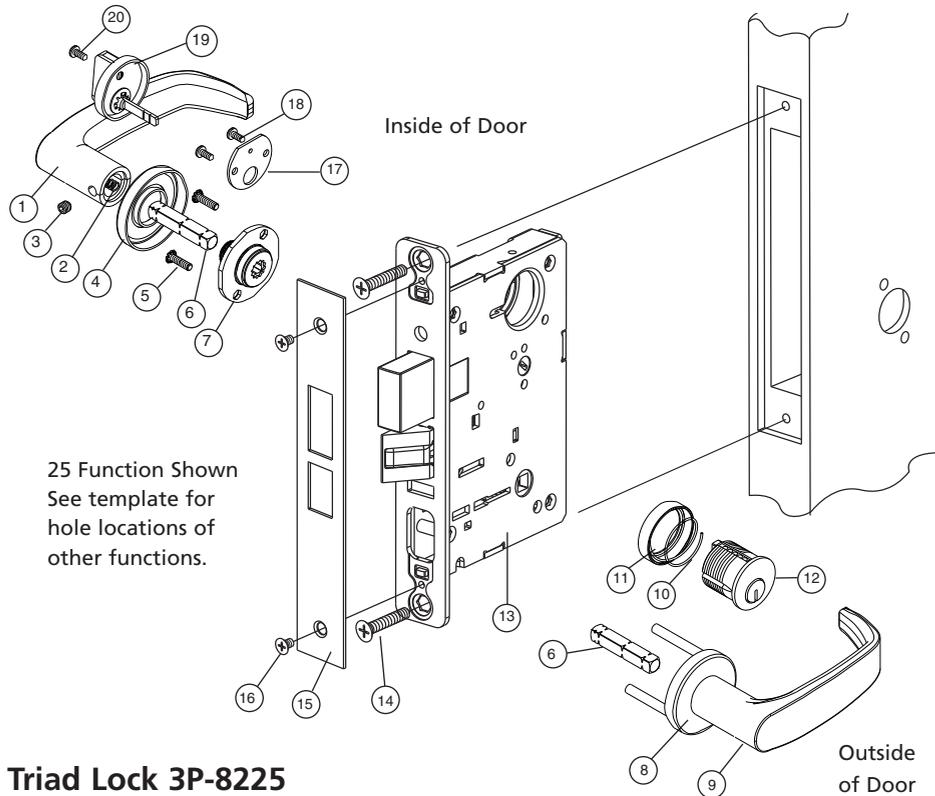
U.S. Patent No. 5,678,870

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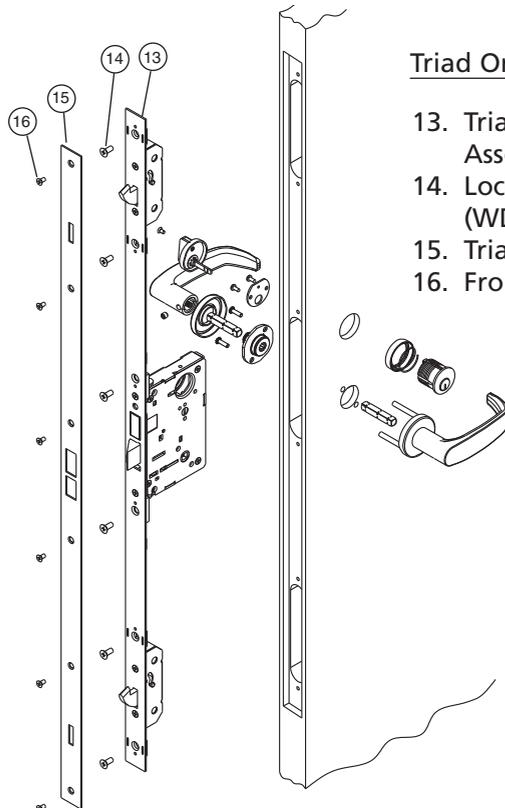
Standard 7800/8200 Mortise Lock



Parts List Description

1. Inside Lever
2. Springs (2)
3. Lever/Knob Set Screw (1)
Varies by lever design
4. Inside Rose Trim
5. Thurbolt Screws (2) &
Lockwashers (2)(#8 - 32 x 5/8")
6. Spindles (2)
7. Adapter & Plate Assembly
A) Adapter
B) Mounting Plate
C) Washer
D) Retaining Nut
8. Outside Rose Trim
A) Thurbolt Posts (2)
B) Mounting Plate
C) Washer
D) Retaining Nut
9. Outside Lever
10. Cylinder Spring
11. Cylinder Rosette –
Varies in size per function and
cylinder size
12. Cylinder
13. Lockbody
14. Lockbody Screws (2)
(#12 x 1 1/4" WD)
(#12 - 24 x 1/2" MS)
15. Front Plate
16. Front Screws (2)(#8 - 32 x 1/4")
17. Thumb Turn Mounting Plate
18. Mounting Screws (2)
(#6 - 32 x 3/8")
19. Thumb Turn
20. Thumb Turn Screw
(#6 - 32 x 1/4")

Triad Lock 3P-8225



Triad Only - Parts List

13. Triad Lockbody and Hookbolt
Assembly
14. Lockbody Screws (6)
(WD and MS as above)
15. Triad Front Plate
16. Front Screws (6)(as above)

TOOLS REQUIRED

Phillips Screwdriver (standard size)
1/8" Allen Wrench

If knobs are used instead of lever
installation is the same.

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1 CHECK DOOR PREPARATION

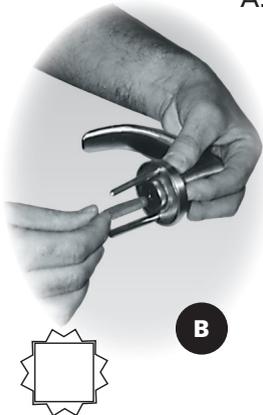
Clean out lockbody pocket in edge of door to assure it is clear of debris. For Triad Lock also clear debris from hookbolt pockets and track in edge of door.

2 INSTALL LOCKBODY



Insert lockbody (and hookbolts for Triad) into door prep. Check that lock fits easily in door with screw holes aligned. Secure lock to the door using lockbody screws. **Do not tighten fully at this time.**

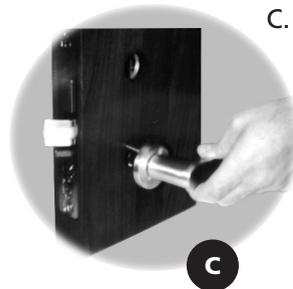
3 INSTALL OUTSIDE ROSE ASSEMBLY



A. With outside rose assembly in hand tighten the retaining nut against the mounting plate as far as it will go by hand. To insure a tight fit in this assembly, back off retaining nut just one notch, until star pattern lines up with square corners. (see pattern shown)



B. Insert spindle into retaining nut to secure this position.



C. With outside lever/knob in the horizontal orientation, carefully insert the mounting posts through the door and lockbody, making sure the spindle is engaged in the lock. Outside rose assembly should be flush with door surface.

If a cylinder is not included your lock function, proceed to step 5

4 SECURE CYLINDER



A. Assemble cylinder into spring first then into the rosette with the flat edge of rosette away from the cylinder face to be mount against the door face. Screw cylinder with spring and rosette assembled into lockbody. Note: It is easier to use a key, slightly out of position in cylinder, to help screw the cylinder down completely.

The cylinder should only be screwed in so far that it is flush with the rosette edge and SARGENT logo is horizontally oriented. Over tightening cylinder could cause malfunction in lock.

B. Secure cylinder in place by tightening the cylinder retainer through hole in edge of door (shown) with Phillips screwdriver.

C. Test cylinder for proper operation.

2 INSTALL INSIDE ADAPTER & PLATE ASSEMBLY



A. With adapter and plate assembly in hand repeat step 3A and 3B as above.
B. Insert spindle with adapter and plate into square hole in lockbody on inside face of door.

Note: This plate assembly will be circular in shape on rose and LW1 trim



C. Secure adapter and plate with thrubolt screws making certain the lock washers are attached before tightening screws into thrubolt post of the outside rose assembly. **Do not over tighten.**

5 CONTINUED

- D. Now tighten the lockbody screws completely.
- E. Secure the outside front plate to the lockbody with front screws.
- F. If thumb turn and/or emergency button is included install it now.

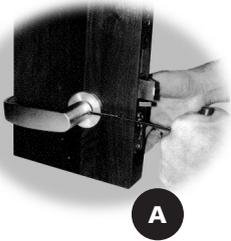
6 INSTALL INSIDE ROSE



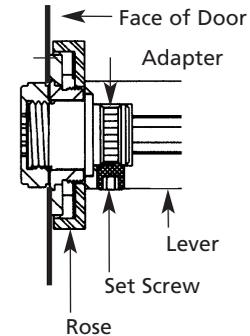
- A. Screw rose tightly onto adapter and plate assembly.

For knobs only:
Screw on rose retainer nut firmly with wrench provided.

7 INSTALL INSIDE LEVER/KNOB



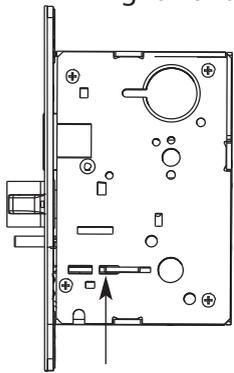
- A. Place inside lever/rose horizontally onto spindle. Position lever/knob edge so it is 1/16" from inside rose face. Hold lever/knob in place while securing with lever/knob set screw (use 1/8" Allen wrench).
- B. Lever set screw must rest in groove on inside adapter for proper installation.
- C. Pull on lever/knob to test if set screw is properly secured.



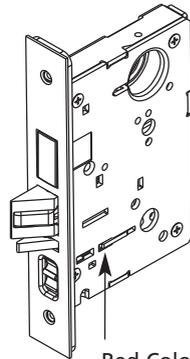
Important: Test lock for all operations before closing the door.

HOW TO REVERSE LOCK

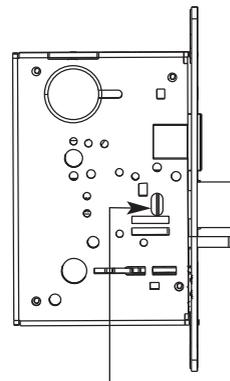
Right Hand Shown



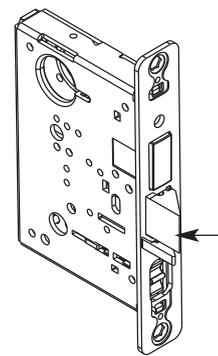
Locking Guide Slot



Red Color Locking Piece



Oval Slot



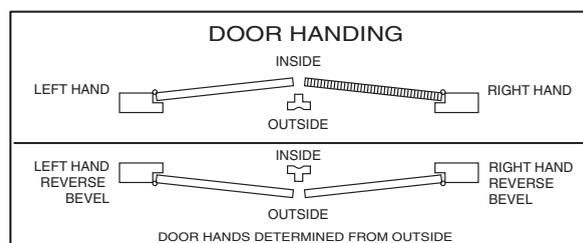
Latchbolt

IF IT IS NECESSARY TO CHANGE HAND OF LOCKING PIECE

1. TURN LOCKBODY TO SIDE NOT MARKED WITH RED LOCKING PIECE.
2. INSERT BLADE SCREWDRIVER INTO LOCKING GUIDE SLOT.
3. PUSH LOCKING PIECE TOWARD FRONT OF LOCKBODY AND ROTATE UNTIL RED SHOWS.
4. RED INDICATES LOCKED (OUTSIDE) SIDE.

IF IT IS NECESSARY TO CHANGE HAND OF LATCHBOLT

1. INSERT BLADE SCREWDRIVER INTO OVAL SLOT BEHIND LATCHBOLT.
2. PUSH LATCHBOLT OUT UNTIL BACK OF BOLT CLEARS LOCKBODY FRONT.
3. ROTATE LATCHBOLT 180° UNTIL THE LATCHBOLT DROPS BACK INTO THE LOCKBODY.



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