The cylinder dogging (CD) kit is for field conversion of 33/35, 33A/35A, and 98/99 hex dogging to cylinder dogging.

This kit requires a standard 1-1/4" mortise cylinder. A cylinder is not furnished with this kit and must be specified when ordering.

### GENERAL INFORMATION

### PARTS LIST

- Old Design (pre 9/97) Actuator Arm
- Current Design CD Dogging Plug
- Standard 1-1/4" Mortise Cylinder (not provided)
- Cylinder Lock Nut
- Cylinder Collar
- CD Cover Plate
- Cylinder Locating Washer

### TOOLS NEEDED

- Phillips Screwdriver
1 Disassemble and remove dogging shaft

1.1. Remove end cap and end cap bracket.
1.2. Slide off cover plate.
1.3. Remove hitch pin.
1.4. Remove dogging shaft.

2 Install actuator arm and reassemble

2.1. Place actuator arm on post.
2.2. Replace hitch pin.
2.3. Assemble cylinder in new CD cover plate (see page 4).
2.4. Slide assembled CD cover plate on device keeping anti-rattle spring in place.
2.5. Replace end cap bracket and end cap.
2.6. Check device for proper dogging operation.
**CURRENT DESIGN**

1 Disassemble and remove dogging shaft

1.1. Remove end cap and end cap bracket.
1.2. Slide off cover plate.
1.3. Remove dogging shaft by pulling straight up.

2 Install actuator arm and reassemble

2.1. Place actuator arm over adapter and press until parts snap together.
2.2. Insert CD dogging plug into hex hole in adapter and press until adapter spring snaps into top groove of CD dogging plug.
2.3. Assemble cylinder in new cover plate (see page 4).
2.4. Slide assembled cover plate on device keeping anti-rattle spring in place.
2.5. Replace end cap bracket and end cap.
2.6. Check device for proper dogging operation.
3.1. Remove mortise cylinder cam and replace in reverse position with key removed (Figure 3-1).
3.2. Insert key and rotate 180° (Figure 3-2A) so cylinder cam is in normal position (Figure 3-2B).
3.3. Assemble mortise cylinder and cylinder collar into CD cover plate, then install cylinder locating washer and secure cylinder with cylinder lock nut (Figure 3-3).
3.4. Remove key. Make sure cylinder and cylinder cam are in position shown in Figure 3-4 before sliding CD cover plate in place.

![Figure 3-1](image1)

![Figure 3-2A](image2) ![Figure 3-2B](image3)

![Figure 3-3](image4)

![Figure 3-4](image5)

Make sure cylinder cam is offset toward pushbar and points toward pushbar with key removed.

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