CONVERSION INSTRUCTIONS

1. Remove Device, Trim & Mortise Lock from door & Strike from frame.
2. Convert trim (if required).
   A. E0, DT, NL & K trim can be used without modification.
   B. IF 880 TP-M trim is used, see Fig. 2.
   C. IF 7623 TP-M trim is used, see Fig. 3.
   D. IF 373-L Control is used, see Fig. 4.
3. For Mortise Lock conversion see opposite side of sheet.
4. For 88 Mortise Device Lift Finger adjustment, see Fig. 1 for 44 Mortise device, no adjustment required.
5. Install Mortise Lock, device, trim, strike & cylinder (if required).

88 MORTISE DEVICE ADJUSTMENT
FOR 7500 MORTISE LOCK

Adjust Lift Finger for full 3/4" latch bolt extension and full retraction by lever arm.
A. To raise Lift Finger, tighten Set Screw. To lower Lift Finger, loosen Set Screw.

8834 Devices will require that the Lift Finger be lowered so that when the Lever Arm is fully depressed, the Latch Bolt will be fully retracted. The Lock Body must not stop the Lever Arm before it is fully depressed.

FIG. 1

LIFT FINGER
SET SCREW

FIG. 2

REPLACE 880 TP-M THUMBPICE
FOR 7500 MORTISE LOCK

1. Remove existing Thumprise Axle 3 and Thumprise 5 from Bracket 1.
   NOTE: Existing thumprise axle is a rivet and riveted end must be drilled out or ground away to remove axle.
   2. Install new Thumprise 4 into Bracket 3.
   3. Install new Thumprise Axle 2 thru Bracket and Thumprise.
   4. Install Retaining Ring 1 on end of Thumprise Axle 2.

FIG. 3

REPLACE 7623 TP-M THUMBPICE
FOR 7500 MORTISE LOCK

1. Drive Thumprise Axle 1 out of Pull Grip 2 and remove existing Thumprise 3.
2. Install new Thumprise 3.
3. Drive Thumprise Axle 1 into Pull Grip 2 and Thumprise 3.

FIG. 4

DESCRIPTION:
INSTRUCTIONS FOR CONVERTING
34 OR 58 MORTISE LOCK TO 7500 MORTISE LOCK ON 88 & 44 MORTISE DEVICES

INGERSOLL RAND
SECURITY TECHNOLOGIES

DIRECTION NUMBER:
941957-00(3)
DATE
3-31-82
HANDING MORTISE LOCK

NOTE: MORTISE LOCK IS SHIPPED HANDED FOR LH/RH DOOR (SEE FIG. 3A AND FOR ED, DT, AND NL APPLICATION. ATTEMPT TO DEPRESS LATCH BOLT SHOULD ONLY DEPRESS 1/4".

REVERSING PROCEDURE FOR LH/RH DOOR (SEE FIG. 3B)
1. REMOVE TWO SCALP PLATE RETAINING SCREWS 0 AND SCALP PLATE FROM LOCK.
2. REMOVE INSERT 0 FROM LOCK. ROTATE LATCH BOLT 180° REPLACE INSERT 0, SCALP PLATE, AND TWO SCALP PLATE RETAINING SCREWS 0.

ADJUST FACE PLATE FOR DOOR BEVEL (SEE FIG. 3B)
1. LOOSEN TOP AND BOTTOM FACE PLATE RETAINING SCREWS 0. Pivot FACE PLATE 0 TO MATCH BEVEL OF DOOR AND TIGHTEN TOP AND BOTTOM FACE PLATE RETAINING SCREWS 0.

ADJUST MORTISE LOCK FOR TRIM FUNCTION (SEE FIG. 3A & 3B)
1. FOR ED, DT, AND NL TRIM APPLICATIONS MORTISE LOCK REMAINS AS SHIPPED.
2. FOR FP, K, AND LV TRIM APPLICATIONS, TURN SET SCREW 0 COUNTERCLOCKWISE UNTIL IT SEATS AND REMOVE PAN HEAD MACHINE SCREW 0 (SEE LABELS ON MORTISE LOCK).

MORTISE CYLINDER INSTALLATION

NOTE: MAXIMUM MORTISE CYLINDER LENGTH IS 1 7/8" FOR 1 1/4" THICK DOOR, AND 1 3/4" FOR 2 1/4" THICK DOOR.

1. REMOVE TWO SCALP PLATE RETAINING SCREWS 0 AND SCALP PLATE 0 FROM LOCK.

2. BACK CYLINDER ANCHOR SCREW 0 OUT FAR ENOUGH TO CLEAR INSTALLATION OF MORTISE CYLINDER 0 BUT DO NOT REMOVE FROM THREADED BRACKET INSIDE MORTISE LOCK.

3. INSTALL MORTISE CYLINDER 0 AND TIGHTEN CYLINDER ANCHOR SCREW 0 INTO GROOVE ON SIDE OF MORTISE CYLINDER.

4. REPLACE SCALP PLATE 0 AND TWO SCALP PLATE RETAINING SCREWS 0.

NOTES:
1. All switches shown with the lock in the closed and locked position.
2. The Aux. Bolt On Door will switch the Red wire to the Blue wire whenever the Aux. Bolt is depressed or the latch bolt is not dead locked.
3. The Two Monitor Switch will indicate the locked or unlocked condition of the outside trim. When the trim is electrically or mechanically unlocked the Violet wire is switched to the Gray wire. The monitoring of the trim and lock functions are the same for the Fail Secure and Fail Safe locks.
4. A continuous current electric hinge or operator is required to transfer the wiring from the door to the home.
5. All wiring should be spliced with an approved insulated connector.
6. All unused wires should be cut and insulated.
7. Switch Contact rating: one amp, 48VDC or VAC.