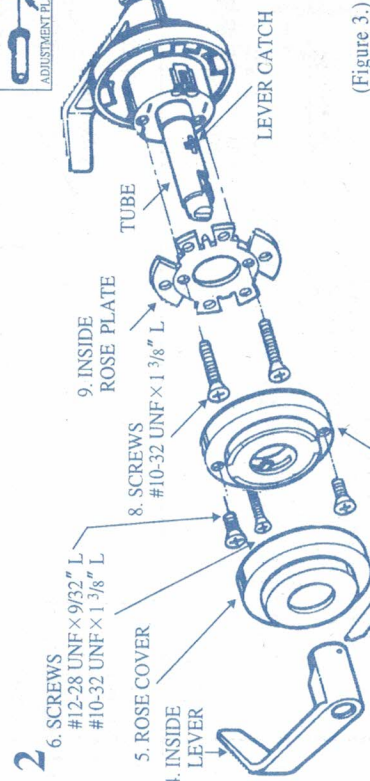
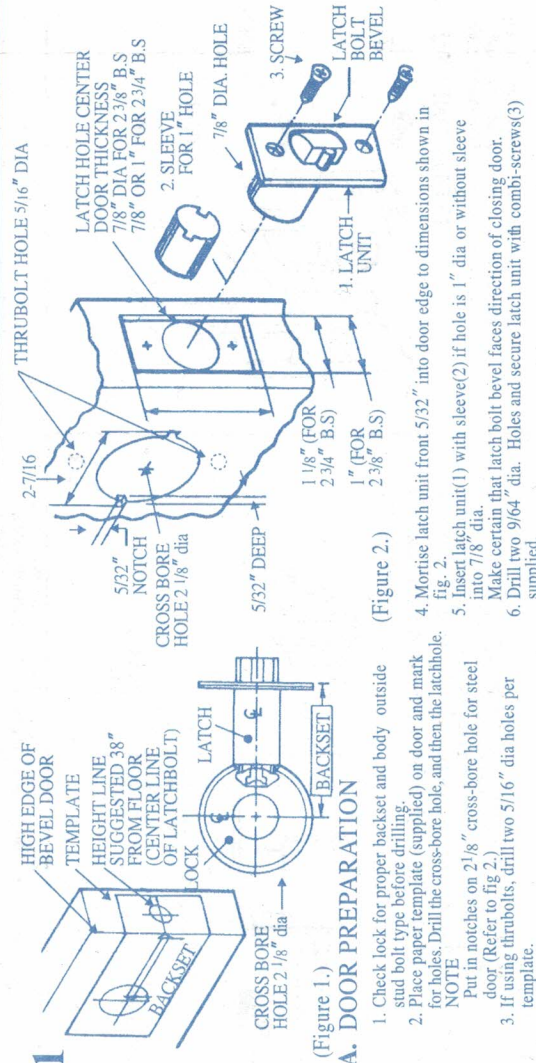
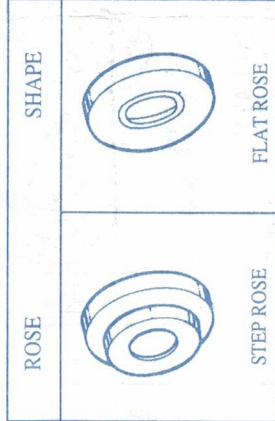
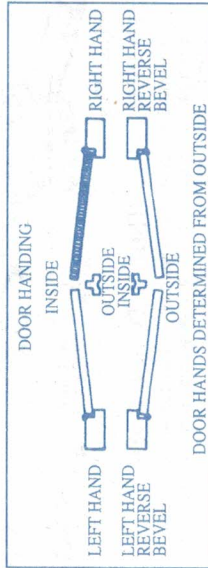
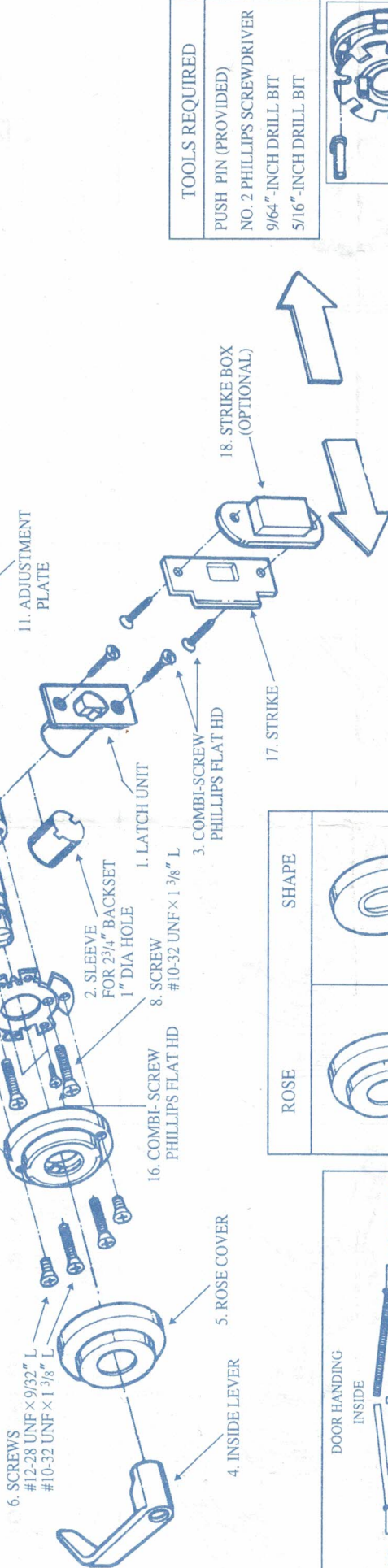


INSTRUCTIONS FOR INSTALLING CONVERTIBLE THRU-BOLT LEVER HANDLE SET

❖ THRU-BOLTS ARE PROVIDED AND RECOMMENDED FOR USE ON HIGH FREQUENCY DOORS.

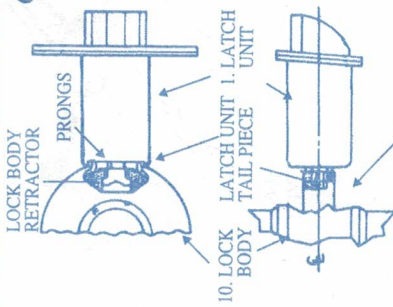
Must use #12-28UNF x 9/32", if thru-bolts not installed. Must use #10-32UNF x 1 3/8" (packed with convertible thru-bolts) in installing convertible thru-bolt.



3

C. LOCK BODY ALIGNMENT & CENTERING

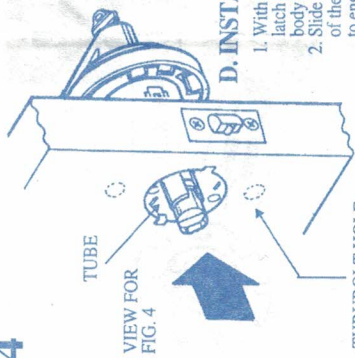
The lock body must engage the latch unit (1) prongs as shown. The lock body retractor must engage the latch unit tail piece. Door must be opened when installing lockset with guarded latch unit.



(Figure 4.)

NOTE:
Be sure latch unit tail piece is centered within lock body retractor.
Adjust it if necessary by adjustment plate (11) as shown in fig 10 and fig 11.

4



D. INSTALLATION OF LOCK UNIT

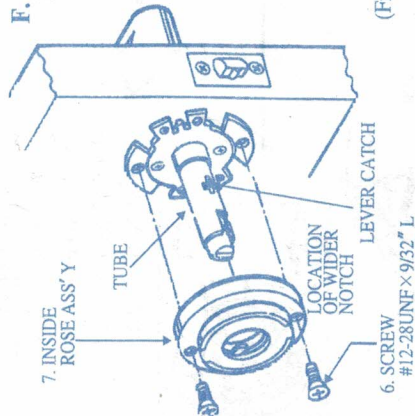
1. With finger, depress the latch, extending the latch unit tail piece to aid in engaging the lock body retractor (see fig 4)
2. Slide lock body into cross-bore hole from exterior of the door if necessary, move tail piece slightly to engage retractor as shown in fig 4.

(Figure 5.)

6

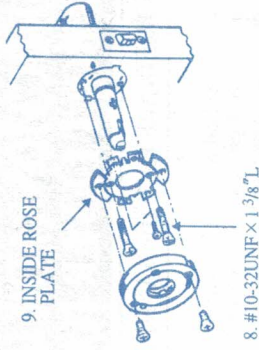
F. ATTACHING INSIDE ROSE ASS'Y

1. Position the inside rose ass'y's screw holes vertically with wider notch at inside diameter in line with lever catch.
2. If installing without thumbbolts, secure inside rose ass'y to inside rose plate with #12-28UNF x 9/32" L screws (6).
3. For ass'y using thumbbolts, tighten inside rose ass'y to outside studs using two #10-32UNF x 1-3/8" L screws.



(Figure 8.)

5



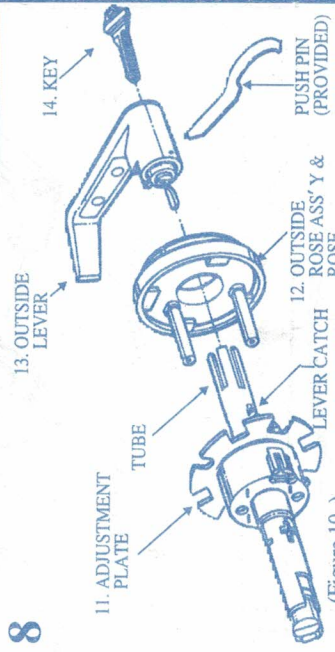
(Figure 6.)

E. SECURING THE LOCKSET UNIT TO DOOR.

1. Place the inside rose plate (9). Tighten it to lock body with two #10-32UNF x 1 3/8" L screws (8)
2. Drill two 9/64" dia. holes and secure the rose using two combi-screws (16)

THIS MUST BE DONE TO FIRMLY ANCHOR LOCK TO DOOR

8



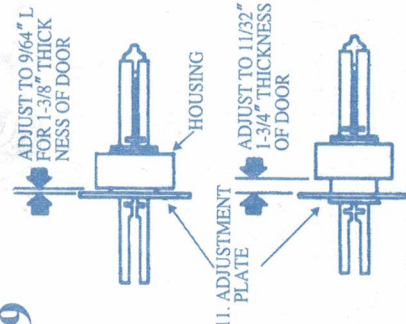
(Figure 10.)

H. TO REMOVE OUTSIDE LEVER & ROSE

1. To remove outside lever (13) insert key (14) and turn 45° clockwise. Insert push pin into hole on lever to depress lever catch. Slide the lever (13) from tube.
2. Remove outside rose ass'y & rose (12)

NOTE:
This step must be done if you have make adjustment for door thickness (See note in fig. 4 & fig 11.)

9

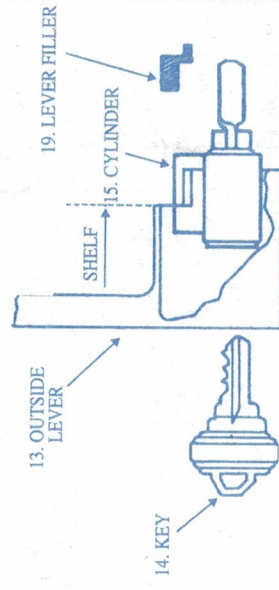


(Figure 11.)

I. ADJUSTMENT FOR DOOR THICKNESS

- It can be adjusted for door thickness range from 1 3/8" to 1 3/4"
1. For adjustment of door thickness, follow step 8, then : Adjust adjustment plate (11) for proper door thickness. At final position, the screw post holes must be in line with holes in lock body.
 2. Slide outside rose ass'y with rose cover (12) onto tube with the wider notch at inside diameter in line with lever catch. The screw posts will enter the holes pre-aligned between adjustment plate (11) and lock body.
 3. Install outside lever by reversing procedure shown in fig.10.

11



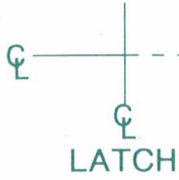
(Figure 13.)

K. CYLINDER REMOVAL & REASSEMBLY

1. Remove outside lever (13) and cylinder (15) as described in fig. 10.
2. 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 than release a key.

TEMPLATE FOR INSTALLING

MARK
CENTER OF
DOOR
THICKNESS
FOR 1" DIA.
HOLE



DETACH HERE

HIGH
BEVEL

LOW
BEVEL

FLAT NO BEVEL

HIGH
BEVEL

LOW
BEVEL

MARK CENTER
FOR 5/16" HOLES

NOTE
DO NOT MAKE THE HOLES
FOR LOCKS WITHOUT OUTSIDE
SECURING STUD TYPE

MARK CENTER
FOR 2 1/8" HOLE

2 3/4" BACKSET

2 3/8" BACKSET

LATCH

IMPORTANT
FOR HIGH BEVEL PLACE OUTSIDE
LINE AT EDGE OF DOOR
FOR FLAT DOORS PLACE CENTER
LINE AT EDGE OF DOOR
FOR LOW BEVEL PLACE INSIDE
LINE AT EDGE OF DOOR

5/32"

1 5/8" DR
1 3/4" DR
2" DR