ROSE

INSIDE LEVER

OUTSIDE LEVER ASSY

UL LATCH SHIELD *

#10-32 MACHINE SCREWS

INSIDE SPINDLE ASSY

* NOTE: UL LATCH SHIELD IS ONLY REQUIRED WITH UL LATCHES

LATCH ASSY

#8 COMBO SCREWS

1. MARK DOOR

A. Mark height line on edge of door approximately 38" from floor.
B. Using the proper backset, mark 2⅛" hole on both sides of the door.
C. On the outside of door, mark notches.
D. Mark the center of the door edge for the latch.
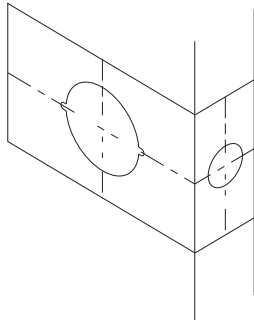
2. DOOR PREPARATION

NOTCHES

A. Bore 2⅛" hole thru from both sides of door to prevent splintering door finish.
B. File notches on outside of door being careful not to exceed the $2^{15}/_{32}$" dimension.
C. Bore 1" hole for latch on door edge.
D. Using the latch faceplate as a guide, trace outline and mortise door edge so latch is flush with door.

1" HOLE

2⅛" HOLE
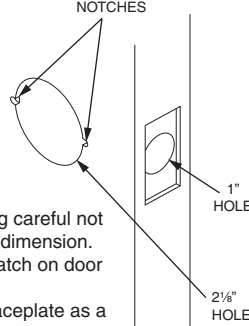
NOTE: Hollow metal doors must be properly reinforced for lock support. If support was not furnished contact door manufacturer.

3. INSTALL STRIKE

A. Use strike locating tool or pointed object to locate position for hole in frame.
B. Bore 1" x ¾" deep hole. Use strike as a template and mortise to the proper depth.
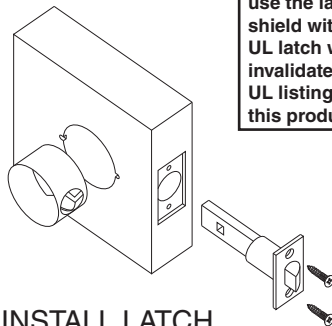**C.** If dust box is to be used, clear area with wood chisel.
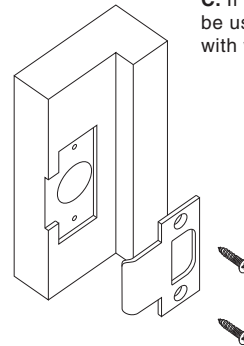
4. INSTALL LATCH SHIELD

FOR UL LATCH OPTION ONLY

A. Insert latch shield (closed end first) from the outside of the door.

CAUTION: Failure to use the latch shield with a UL latch will invalidate the UL listing of this product.
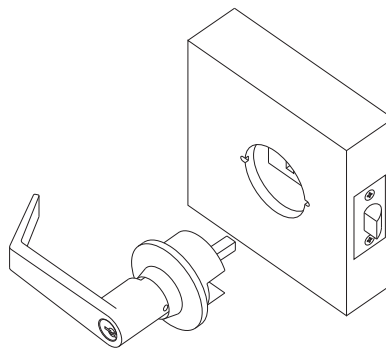
5. INSTALL LATCH

A. Insert latch into door, making certain that bevel faces direction of closing door.
B. Secure with two #8 combo screws provided.

6. INSTALL OUTER TRIM

A. Align spindle with latch unit and insert outer trim into door.
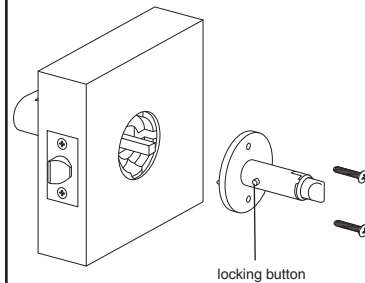
7. INSTALL INNER SPINDLE ASSEMBLY

A. Align spindle assembly with square shaft and slide into place.

NOTE: Locking button must be positioned towards the edge of the door.

B. Secure with two screws provided.

locking button

TEMPLATE FALCON F-SERIES LOCKS

IMPORTANT:
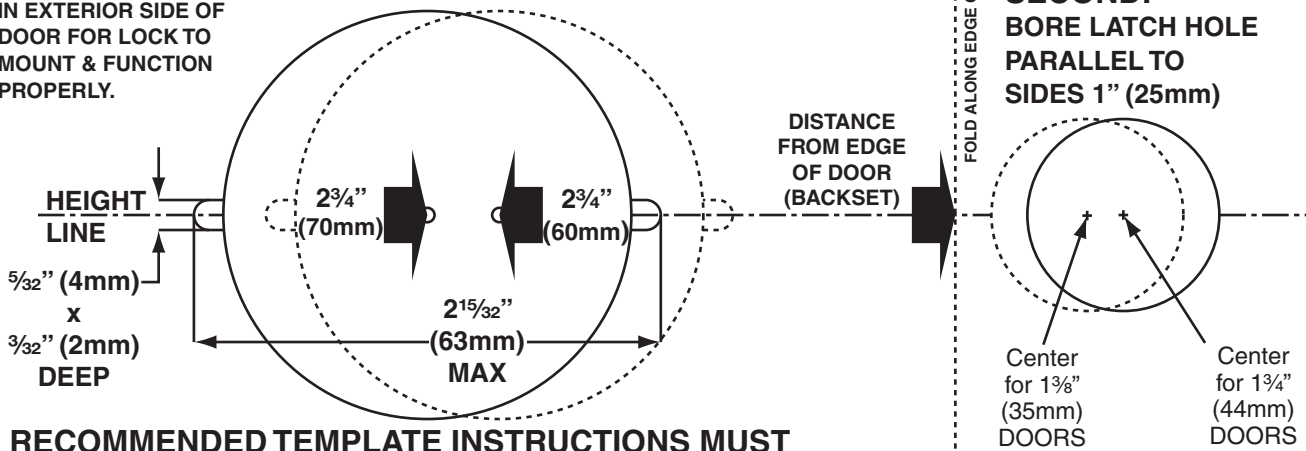NOTCHES REQUIRED IN EXTERIOR SIDE OF DOOR FOR LOCK TO MOUNT & FUNCTION PROPERLY.

FIRST:
BORE 2⅛" (54mm) HOLE AT CORRECT BACKSET

FOLD ALONG EDGE OF DOOR

SECOND:
BORE LATCH HOLE PARALLEL TO SIDES 1" (25mm)

HEIGHT LINE

⁵⁄₃₂" (4mm) x ³⁄₃₂" (2mm) DEEP

2¾" (70mm)   2¾" (60mm)

2¹⁵⁄₃₂" (63mm) MAX

DISTANCE FROM EDGE OF DOOR (BACKSET)

Center for 1⅜" (35mm) DOORS

Center for 1¾" (44mm) DOORS

RECOMMENDED TEMPLATE INSTRUCTIONS MUST BE FOLLOWED TO ASSURE PROPER FUNCTION

REMOVE TEMPLATE FROM INSTRUCTIONS

8. INSTALL INSIDE TRIM

A. Snap rose over mounting plate.
B. Place lever on spindle and slide to locking button.
C. Push lever in until button engages hole in lever.
**D. Check function before closing door.**

MOUNTING PLATE
ROSE
LOCKING BUTTON
LEVER
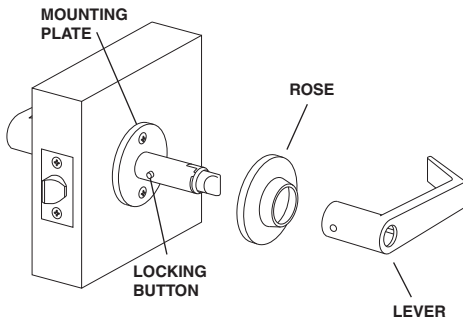
9. REMOVING STANDARD CYLINDERS & LEVERS

A. Insert key and turn 90° counter-clockwise to unlock lockset.
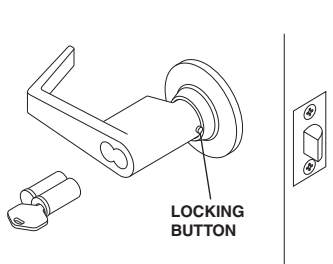**B.** Depress locking button and pull off lever and cylinder.
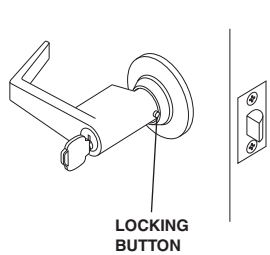
LOCKING BUTTON

10. INSTALLING STANDARD CYLINDERS & LEVERS

A. Insert cylinder into lever.
B. Insert key into cylinder.
C. With notches of key facing up, align hole in lever with locking button on spindle assy and slide lever to locking button.
D. Push lever until lever engages button.
E. Check function before closing door.

HOLE
LOCKING BUTTON
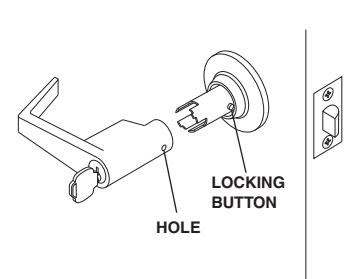
11. REMOVING IC CORE

A. Unlock lockset.
B. Turn control key 15 degrees clockwise until key stops.
C. Pull key to remove IC core.


LOCKING BUTTON

12. REMOVING IC LEVERS

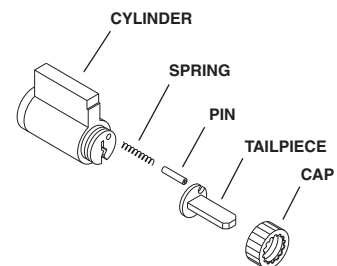**A.** With IC core removed, depress locking button and pull lever to remove.

13. INSTALL IC LEVERS

A. Slide tailpiece assembly into spindle, engaging the single leg with the drive cam in the spindle.
B. Insert spindle cap into the lever, notched end first.
C. Push lever in until locking button engages hole in lever.
D. With control key in core rotate key 15° clockwise and insert fully into lever. Turn the key counter-clockwise and remove key.
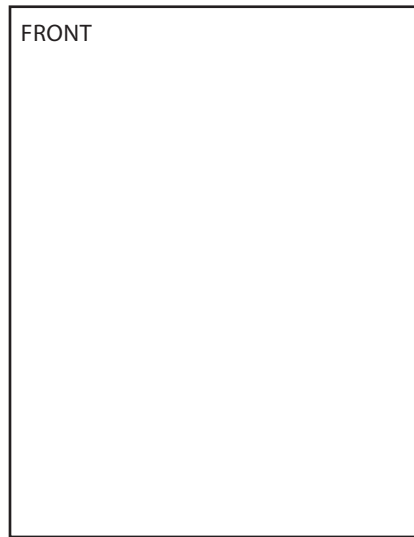**E. Check function before closing door.**

TAILPIECE ASSEMBLY
SPINDLE CAP
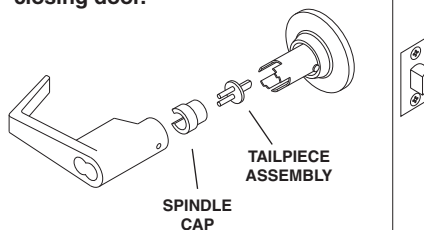
14. TAILPIECE INSTALLATION

A. Insert spring and pin into cylinder.
B. Place tailpiece into cap.
C. Thread cap onto the cylinder.
NOTE: The cap must be properly adjusted. If too loose, excessive plug end play will prevent the key from being withdrawn. If too tight, the plug will drag and be difficult to rotate with the key.
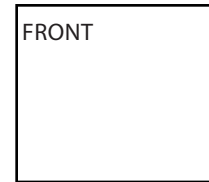

CYLINDER
SPRING
PIN
TAILPIECE
CAP

8.500

FRONT

11.000

BEGINNING SHEET

4.250

FRONT

3.670

FOLDED SHEET

Additional Notes:
1. None

Revision History					
A	B	C	D	E	F
4600-304	0790	6683			

Material

White Paper

Notes
1. printed two sides
2. printed black
3. tolerance ± .13
4. printed in country may vary
5. drawings not to scale
6. Barcode shows after folding

Revision Description:
D > Revised artwork

Edited By	Approved By	EC Number	Release Date
J. Ellis	M. Roberts	xxxxx	10/14

Title

F-Series Keyed Locks

Creation Date 10-22-14	Number	Revision
	030690-000-70	D

Created By J. Ellis	Activity 3899 Hancock Expwy Security, CO 80911	
Software: InDesign CS6		© Allegion 2014