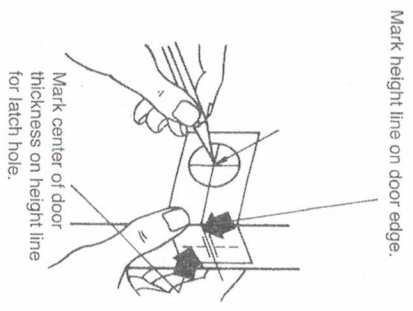


CYLINDER DEAD LOCK

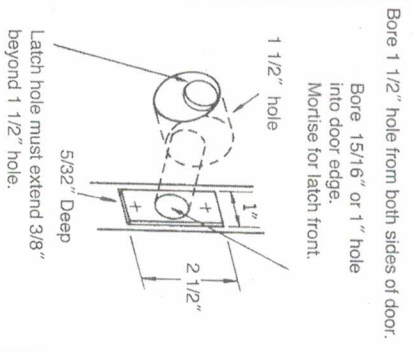
INSTRUCTION FOR INSTALLATION

HEAVY DUTY HL-430 530 SERIES

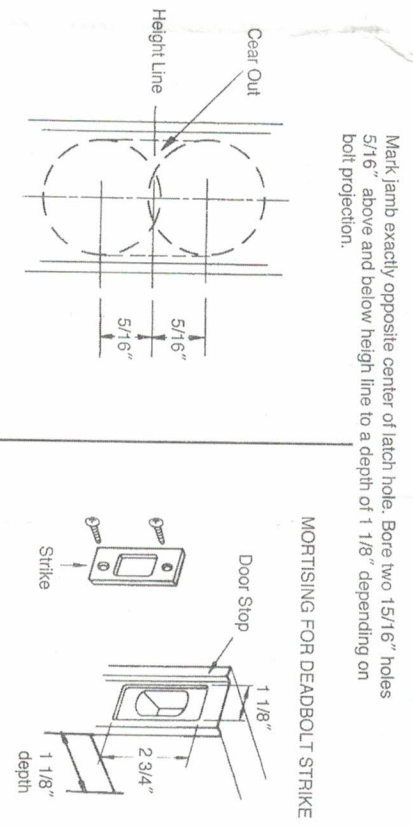
1. MARK DOOR



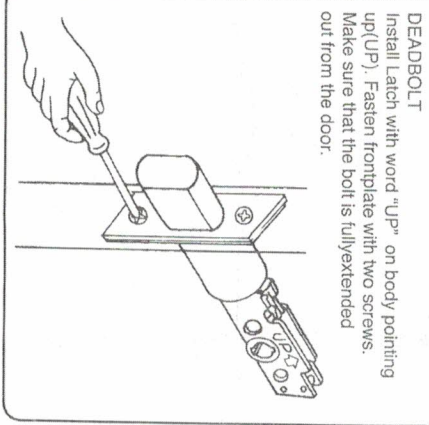
2. BORE TWO HOLES



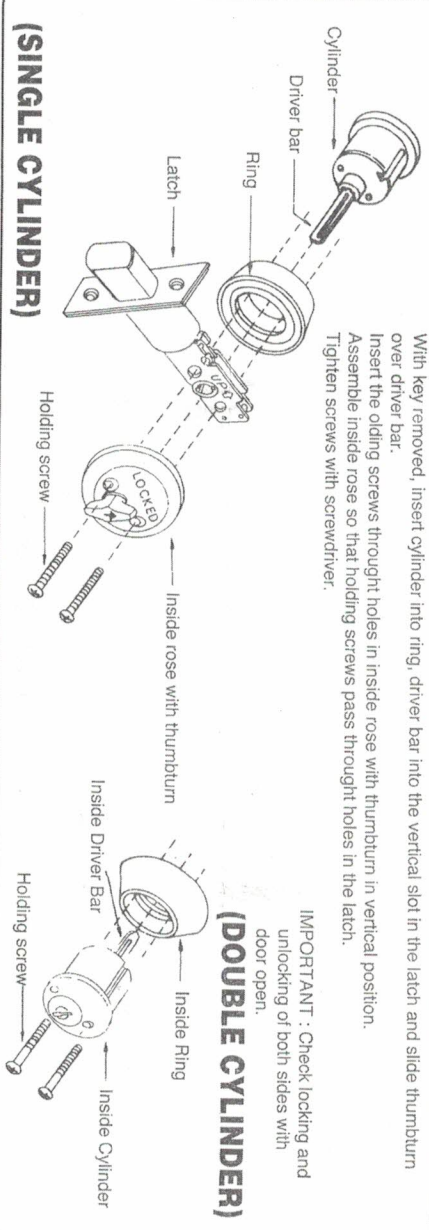
3. INSTALL STRIKE



4. INSTALL LATCH



5. INSERT CYLINDER AND TRIM



1. FOLD HERE ON DOOR EDGE

TEMPLATE FOR INSTALLING DEADBOLT

2. MARK FOR 13/4" OR 13/4" DOOR

23/8" BACKSET

4. MARK CENTER OF HOLE ON DOOR FACE

5. DRILL 1 1/3" HOLE

3. THEN DRILL 15/16" HOLE IN CENTER OF DOOR EDGE

23/4" BACKSET

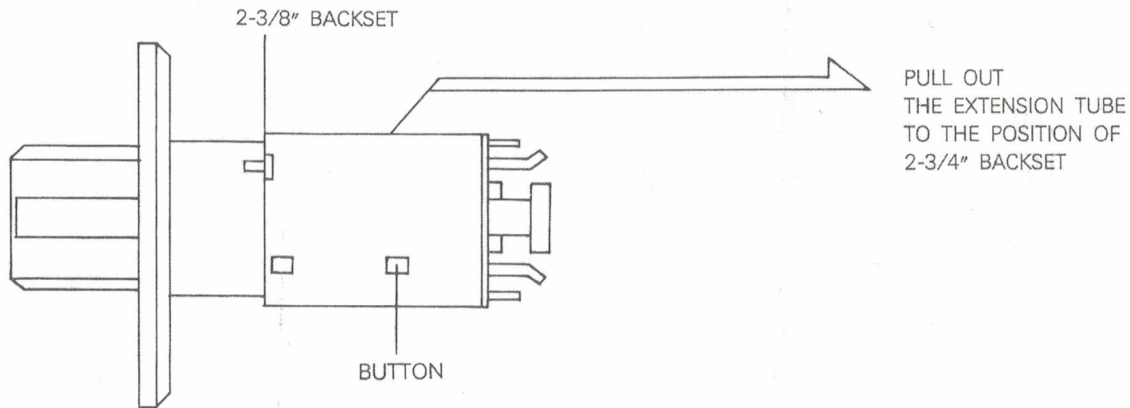
5. DRILL 1 1/3" HOLE

*** PLEASE REFER THIS PAGE IN CASE OF ADJUSTABLE LATCH**

- * THIS LOCK HAS AN ADJUSTABLE LATCH FOR 2 - 3/8" OR 2 - 3/4" BACKSET.
- * THE LATCH WAS PRE - SET FOR 2 - 3/8" BACKSET AT THE FACTORY FOR STANDARD INSTALLATION.

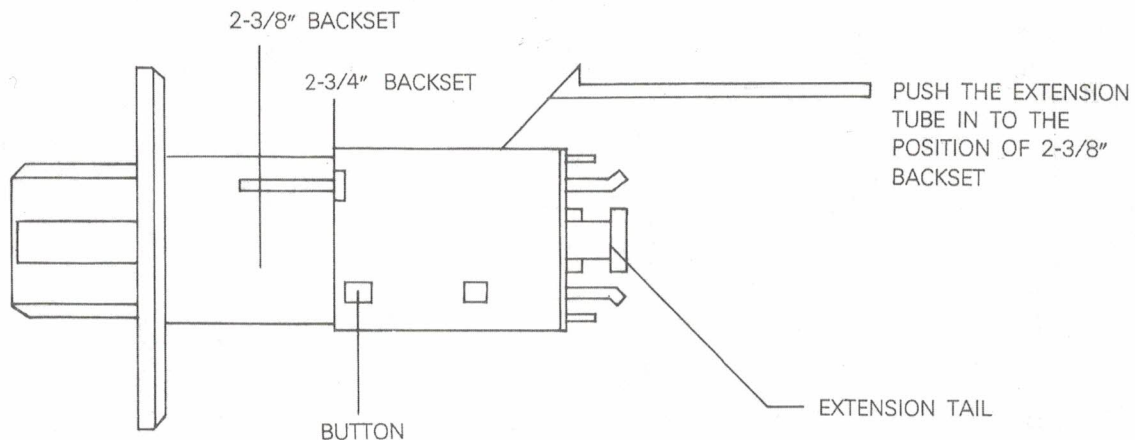
1. FOR 2-3/4" BACKSET :

PRESS DOWN THE BUTTON WITH A PIN PROVIDED AND PULL OUT THE EXTENSION TUBE UNTIL IT CLICKS INTO A HOLE AT LEFT.



2. TO REVERSE IT TO 2-3/8" BACKSET :

PRESS DOWN THE BUTTON WITH A PIN PROVIDED AND PUSH THE EXTENSION TUBE IN UNTIL IT CLICKS INTO A HOLE AT RIGHT. AND THEN SIMPLY PUSH THE EXTENSION TAIL INTO A LATCH BARREL



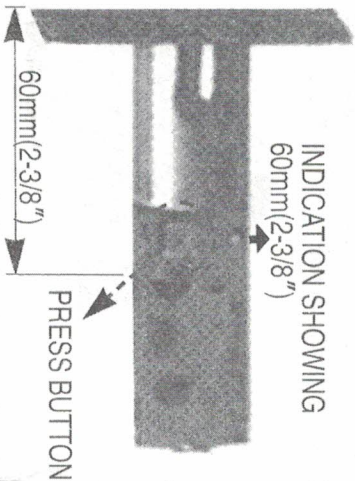
PATENT PENDING

DEADBOLT ADJUSTMENT

(THIS BACKSET ADJUSTMENT INSTRUCTION APPLIES ONLY WHEN ADJUSTABLE LATCH IS BE INSTALLED)

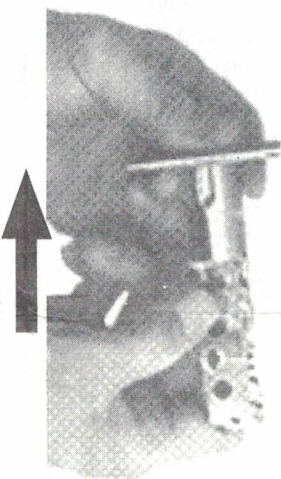
FACTORY PRESET 60mm(2-3/8")BACKSET

CAUTION : When converting 60mm(2-3/8") to 70mm(2-3/4")or 70mm(2-3/4") to 60mm(2-3/8") , the deadbolt should always be pressed by thumb. Under no circumstance can deadbolt be extended, fully or partially, during backset adjustment. Deadbolt is preset at factory for 60mm(2-3/8")



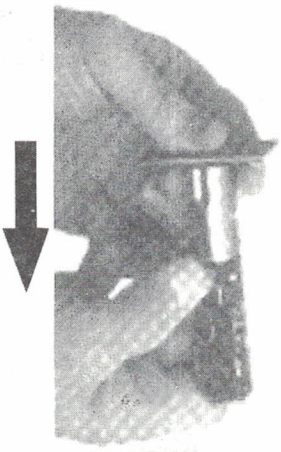
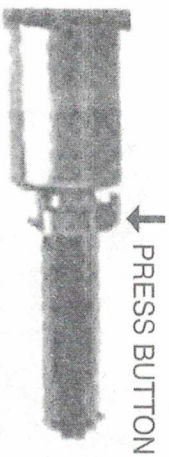
CONVERTING 70mm(2-3/4") TO 60mm(2-3/8") BACKSET

Press button and pull the rear part of the deadbolt towards front plate until the indicator is completely showing 60mm(2-3/8")
IMPORTANT : ALWAYS PRESS DEADBOLT WITH THUMB



CONVERTING 60mm(2-3/8") TO 70mm(2-3/4")BACKSET

Press button and pull the rear part of the deadbolt until the indicator is completely showing 70mm(2-3/4")
IMPORTANT : ALWAYS PRESS DEADBOLT WITH THUMB



WARNING : Check alignment of latch hole center on the door and strike center on the jamb if resistance occurs against latch bolt movement of locking and unlocking. DO NOT USE EXCESSIVE FORCE OR TOOLS TO DRIVE THE LATCH

HOW TO INSTALL YOUR NEW CYLINDRICAL LOCK.

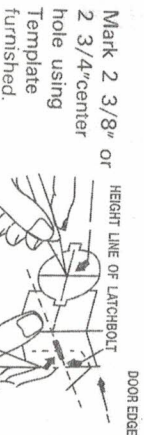
NEW LOCK INSTALLATION: Follow steps 1 through 4 to prepare door and frame.

REPLACE AN EXISTING LOCK: Use card board template and latchbolt to check sizes of existing holes. Enlarge if necessary with wood rasp or similar tool. Use existing strike when possible.

Doors thicker than 1 7/8" require special locks.

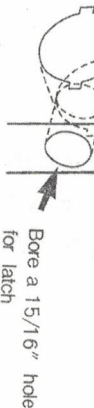
1. MARK DOOR

Mark heightline of latchbolt on edge of door. Suggested height from floor 38".



2. BORE TWO HOLES

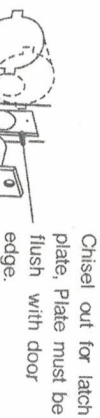
Bore a 2 1/8" hole from both sides of door.



Tools: 2 1/8" 15/16" bits, hand brace or power drill hammer, wood chisel, Phillips screw driver. For easier preparation, check with dealer on availability of other installation tools.

3. INSTALL LATCH

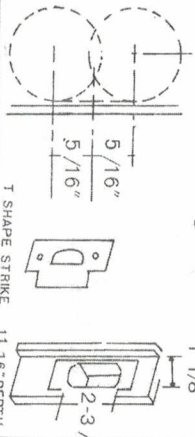
• STANDARD LATCH



Chisel out for latch plate. Plate must be flush with door edge.

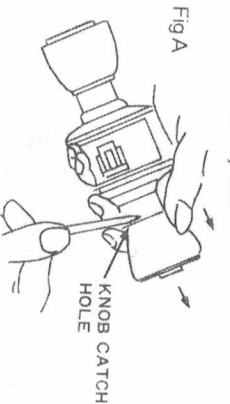
4. INSTALL STRIKE

Mark vertical line and height line on frame exactly opposite center point of latch bolt. For T STRIKE: bore two 15/16" holes. 11/16" deep in frame on vertical line 5/16" above and below height line.



5. REMOVE INSIDE TRIM

Depress knob catch with knob removal tool provided. Push knob outward (Fig A) when you feel pressure on the tool. Remove it and slide the knob off of the spindle.



Remove of rose and mounting plate. Slide rose and the mounting plate off of the spindle (Fig B & Fig C).

Fig B. Snap on rose type

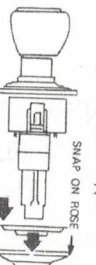
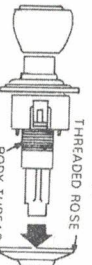


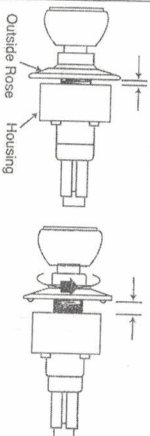
Fig C. Threaded rose type



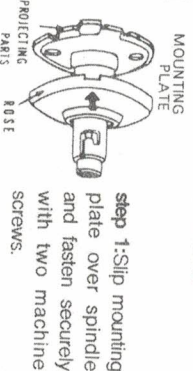
6. ADJUST ROSE

Rotate outside rose in or out depending on door thickness.

Rotate rose 1/8" short of housing for 1 3/8" thick door. Rotate out to 3/8" for 1 3/4" door.



8. ATTACH TRIM AND ROSE



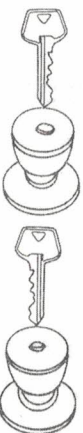
step 1: Slip mounting plate over spindle and fasten securely with two machine screws.



step 3: Slide knob all the way onto spindle till catch engages in the slot.

9. PROPER KEY POSITION.

RIGHT WAY
WRONG WAY



Pin tumbler cylinder locks are factory assembled in knobs for right or left hand doors as ordered. If necessary, To change the hand of a lock so that cylinder will be right side up. See following instructions:

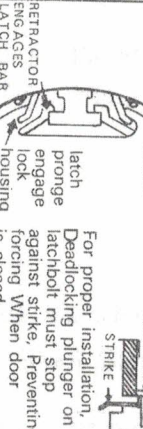


With the key in the cylinder. Turn the knob in a clockwise direction and hold. Turn key in a counter clockwise direction. Insert knob removal tool through hole in knob hub and depress knob catch, then pull off knob. Simply turn knob over and with key partly removed from cylinder, replace on spindle. Slide knob up to knob catch to align a knob catch in a counter clockwise direction and key in a counter clockwise direction and hold key. Depress knob catch and push knob into position until it clicks.

7. INTERLOCK UNITS

Latch unit must be in place before installing lock. Be sure lock housing engages with latch prongs and retractor interlocks with latch bar.

Caution do not attempt to mount lock unit with door closed.



For proper installation, Deadlocking plunger on latchbolt must stop against strike. Preventing latch prong forcing door is closed.

1 FOLD HERE
ON DOOR EDGE

2 MARK
FOR
 $1\frac{3}{4}"$
DOOR OR MARK
FOR
 $1\frac{3}{4}"$
DOOR

3 THEN DRILL $15/16"$ HOLE IN
CENTER OF DOOR EDGE

TEMPLATE FOR INSTALLING ENTRY LOCK

$2\frac{3}{8}"$ BACKSET

$2\frac{3}{4}"$ BACKSET

4 MARK CENTER
OF HOLE ON
DOOR FACE

5 DRILL $2\frac{1}{8}"$ HOLE

$5/32"$

$5/32"$

