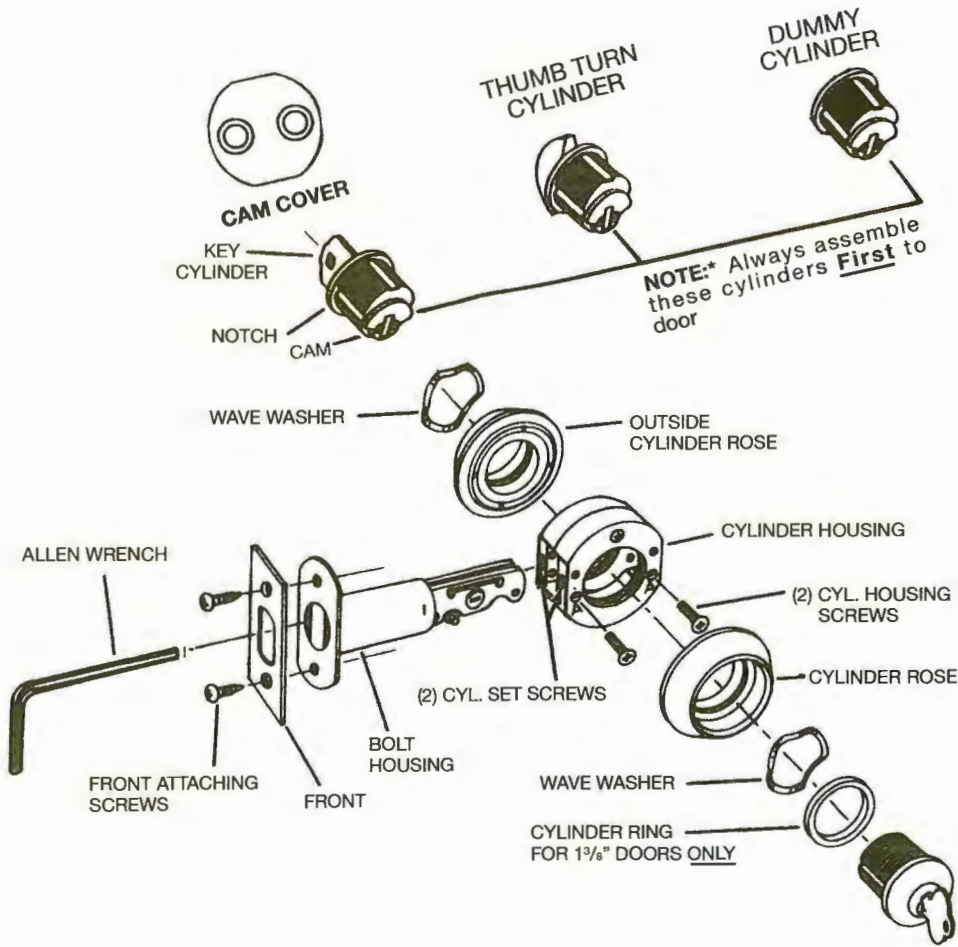


NOTE:

IF THE CYLINDER TO BE USED DOES NOT HAVE A CAM COVER ALREADY ATTACHED, YOU MUST INSTALL ONE ON THE BACK OF THE CAM.



NOTE:* Always assemble these cylinders **First** to door

*** NOTE:** For Thumbturn Cylinder Installations Inside (thumbturn) cylinder must be installed first to insure proper installation.

4520 & 4920 SERIES DOUBLE CYLINDER DEADBOLTS

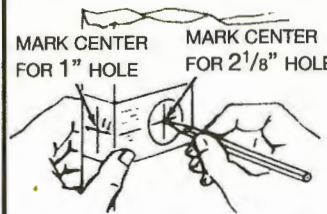
Installation Instructions

0001-10-8190-13

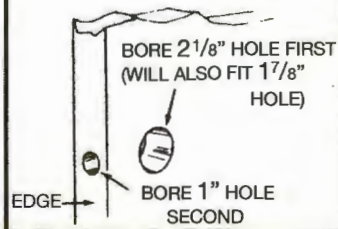
TOOLS NEEDED FOR INSTALLATION

- Drill • 2 1/8" Drill Bit • 1" Drill Bit
- 3/16" Drill Bit • 5/32" Drill Bit
- Phillips Screwdriver • Chisel
- Allen Wrench (Supplied with Lock)

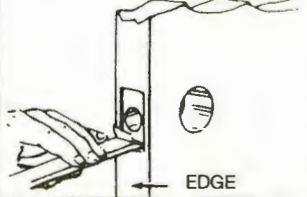
1 MARK HOLES
Using enclosed template, mark door as illustrated at desired lock height.



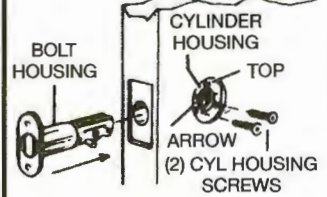
2 BORE TWO HOLES
A. Bore 2 1/8" hole until point of drill breaks through. Then complete hole from other side. This prevents splintering.
B. Bore 1" hole from edge of door. (See Template)



3 MORTISE FOR FRONT
Mortise (recess) for front 5/32" Deep on edge of door. Use front as template.

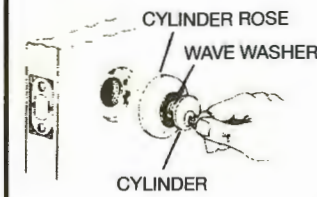


4 A. Insert cylinder housing assembly into large hole in door with "TOP" upright.



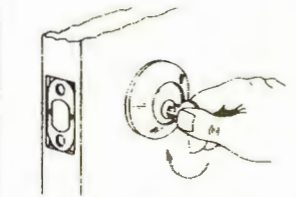
B. Insert bolt housing into 1" hole thru cylinder housing.
C. Screw in (2) cylinder housing screws (1" long) into lower cylinder housing holes marked "A".

5 A. Assemble cylinder and wave washer into cylinder rose.



B. Insert key in cylinder. Pull key back **One Notch**.
C. Note: include cylinder ring for 1 3/8" thick doors **ONLY**.

6 A. Screw cylinder into housing until it stops (Use key as wrench).
B. Reverse rotation of cylinder **at least one turn**.



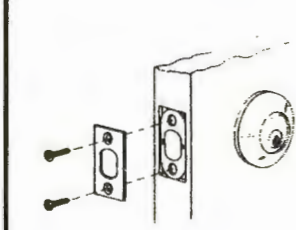
C. Assemble 2nd Cylinder same method.

7 A. Make sure cylinder lines up on both sides of door as shown.



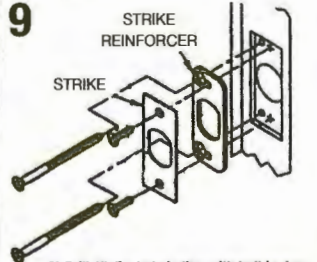
B. Insert Allen wrench inside along each side of bolt until it engages screw and tighten two cylinder set screws into "V" notches in cylinder.

8 A. Attach front with two screws.



B. Try key on both sides and operate bolt.

INSTALL STRIKE REINFORCER AND STRIKE



- A)** Drill 1" dia. hole in line with bolt in door jam 1" deep.
- B)** Using strike as a template, mortise out 5/32" deep.
- C)** Position strike reinforcer in mortised area with (2) larger screw holes closest to the door stop. Mark these (2) holes & drill (2) 3/16 dia. holes 3" deep.
- D)** Position strike reinforcer & attach (2) 3" long screws.
- E)** Position strike & attach (2) short screws.

FOLD HERE ON
EDGE OF DOOR

MARK CENTER OF
DOOR THICKNESS

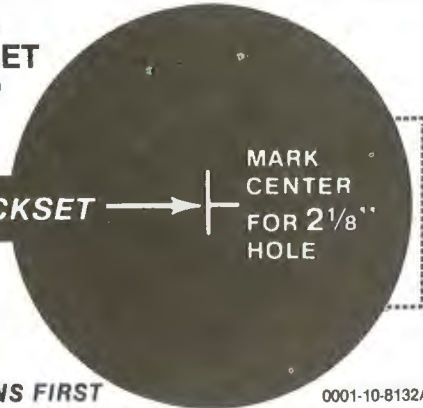
1 3/4" DOOR

1 3/8" DOOR

FOR
1" HOLE
MUST BE 3-1/2" DEEP
WHEN USED FOR LATCH

TEMPLATE FOR
2-3/8" BACKSET
FLAT EDGED
DOOR ONLY

← 2 3/8" BACKSET →



IMPORTANT:
USE THIS SIDE
FOR FLAT
EDGED DOORS
READ INSTRUCTIONS FIRST

0001-10-8132A

FOLD HERE ON
EDGE OF DOOR

MARK CENTER OF
DOOR THICKNESS

1 3/4" DOOR

1 3/8" DOOR

FOR
1" HOLE
MUST BE 3 7/8" DEEP
WHEN USED FOR LATCH

TEMPLATE FOR
2 3/4" BACKSET
FLAT EDGED
DOOR ONLY

← 2 3/4" BACKSET →



IMPORTANT:
USE THIS SIDE
FOR FLAT
EDGED DOOR
READ INSTRUCTIONS FIRST

0001-10-8127A

