

4500 & 4900 SERIES SINGLE CYLINDER DEADBOLTS

Installation Instructions

0001-10-8190-13

TOOLS NEEDED FOR INSTALLATION

Drill • 2 1/8" Drill Bit • 1" Drill Bit

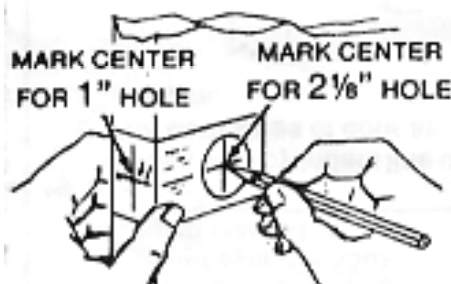
3/16" Drill Bit • 5/32" Drill Bit

Phillips Screwdriver • Chisel

Allen Wrench (Supplied with Lock)

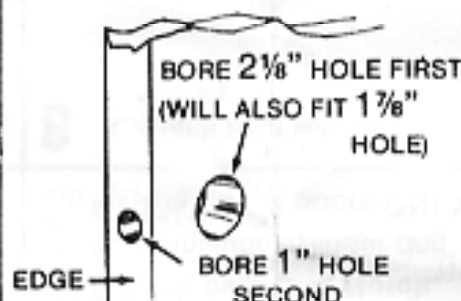
1 MARK HOLES

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



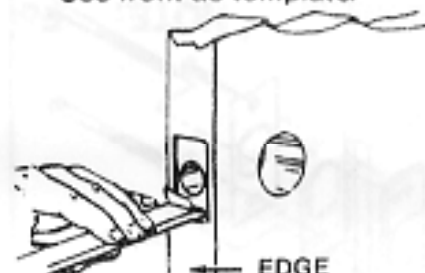
2 BORE TWO HOLES

- 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)



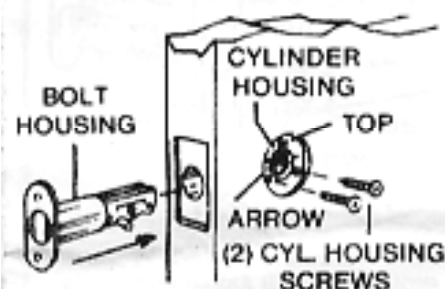
3 MORTISE FOR FRONT

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



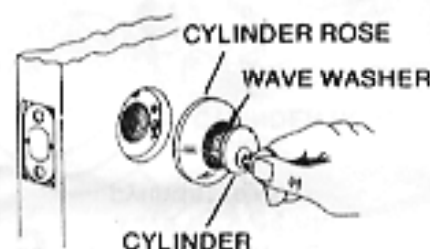
4 A. Install cylinder housing

assembly into large hole in door with "TOP" upright.



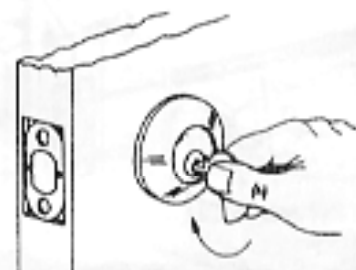
- B. Insert bolt housing into 1" hole thru cylinder housing.
C. Screw in (2) cylinder housing screws (1" long) into lower cylinder housing holes marked "A".

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

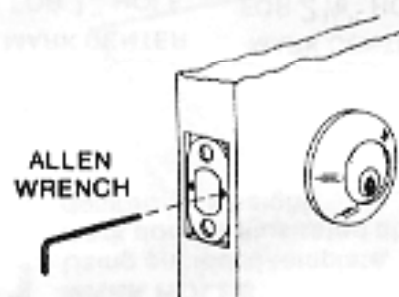


- B. Insert key in cylinder. Pull key back **One Notch**.
C. Note: include cylinder ring for 1 3/8" thick doors **ONLY**.

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



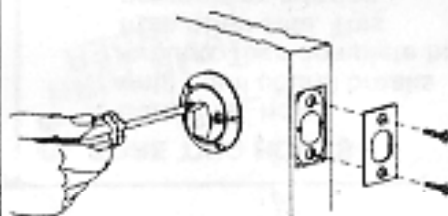
7 A. Make sure cylinder lines up on door as shown.



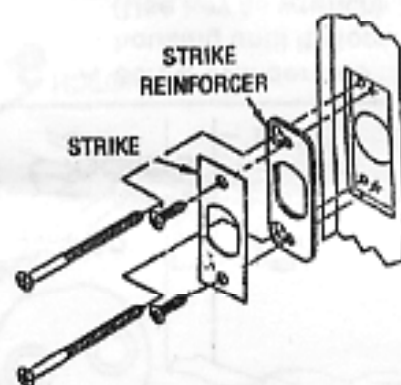
- B. Insert Allen wrench inside along side of bolt until it engages screw and tighten cylinder set screw into "V" notch in cylinder.

8 A. Assemble front with screws.

- B. Insert tailpiece into hub with thumb turn in vertical position.
C. Secure with machine screws supplied.



9 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.