

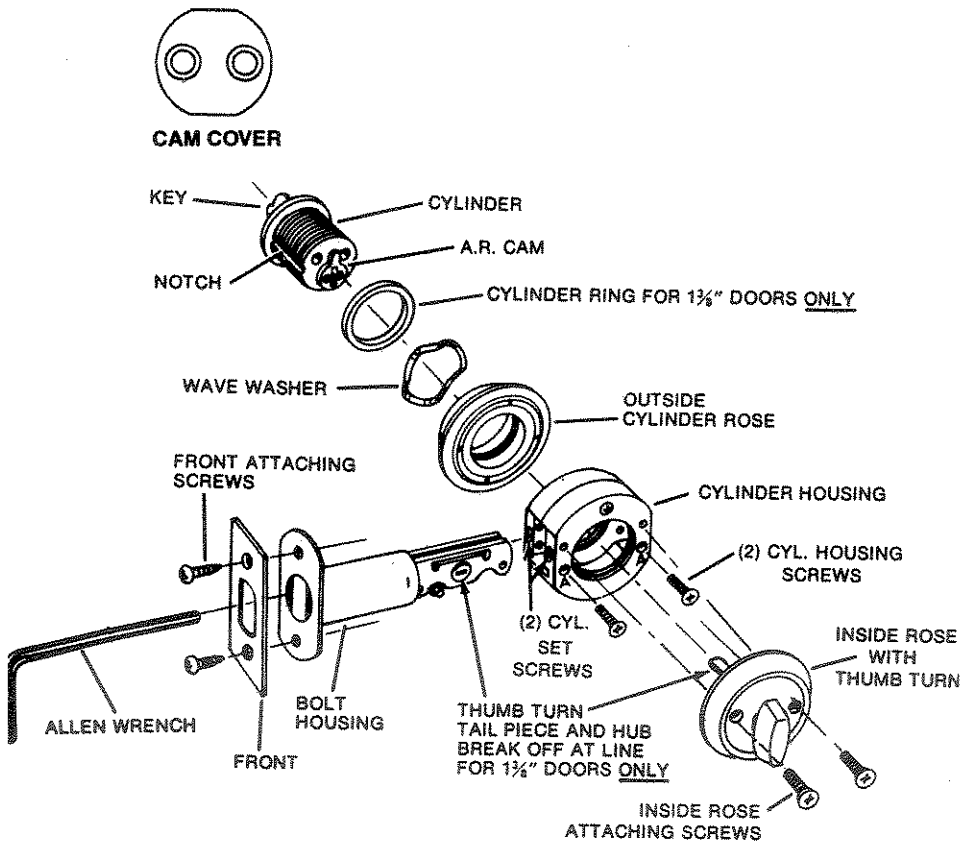
NOTE:
IF THE CYLINDER TO BE USED DOES NOT HAVE A CAM COVER ALREADY ATTACHED, YOU MUST INSTALL ONE ON THE BACK OF THE CAM.



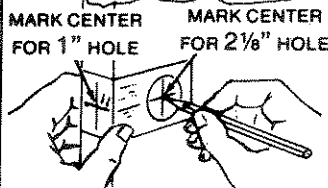
KT Extra Heavy Duty Deadbolt SINGLE CYLINDER DEADBOLTS

Installation Instructions
0001-10-8190-13

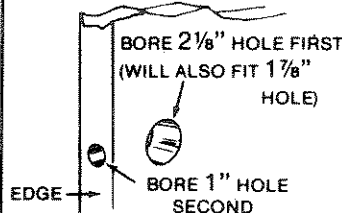
TOOLS NEEDED FOR INSTALLATION
Drill • 2 1/8" Drill Bit • 1" Drill Bit
3/16" Drill Bit • 5/32" Drill Bit
Phillips Screwdriver • Chisel
Allen Wrench (Supplied with Lock)



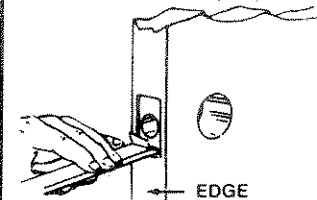
1 MARK HOLES
Using enclosed template, mark door as illustrated at desired lock height.



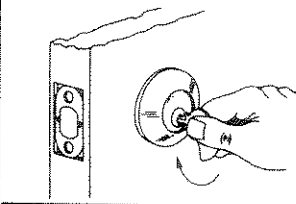
2 BORE TWO HOLES
A. Bore 2 1/8" hole until point of drill breaks through. Then complete hole from other side. This prevents splintering.
B. Bore 1" hole from edge of door. (See Template)



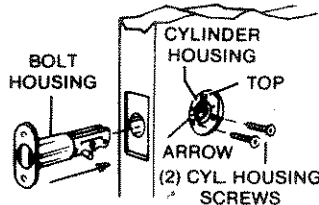
3 MORTISE FOR FRONT
Mortise (recess) for front 5/32" Deep on edge of door. Use front as template.



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

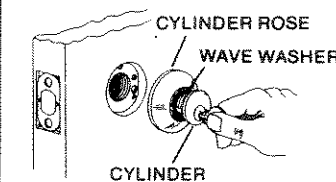


4 A. Install cylinder housing assembly into large hole in door with "TOP" upright.



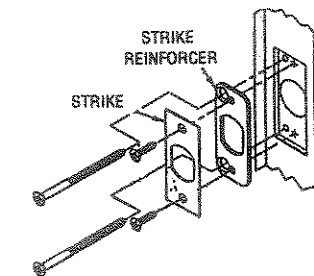
B. Insert bolt housing into 1" hole thru cylinder housing.
C. Screw in (2) cylinder housing screws (1" long) into lower cylinder housing holes marked "A".

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



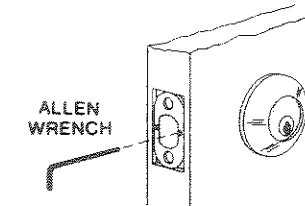
B. Insert key in cylinder. Pull key back One Notch.
C. Note: include cylinder ring for 1 3/8" thick doors ONLY.

9 INSTALL STRIKE REINFORCER AND STRIKE



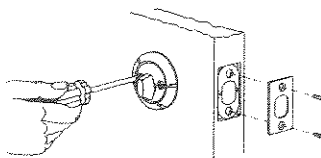
A) Drill 1" dia. hole in line with bolt in door jam 1" deep.
B) Using strike as a template, mortise out 5/32" deep.
C) Position strike reinforcer in mortised area with (2) larger screw holes closest to the door stop. Mark these (2) holes & drill (2) 3/16 dia. holes 3" deep.
D) Position strike reinforcer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

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



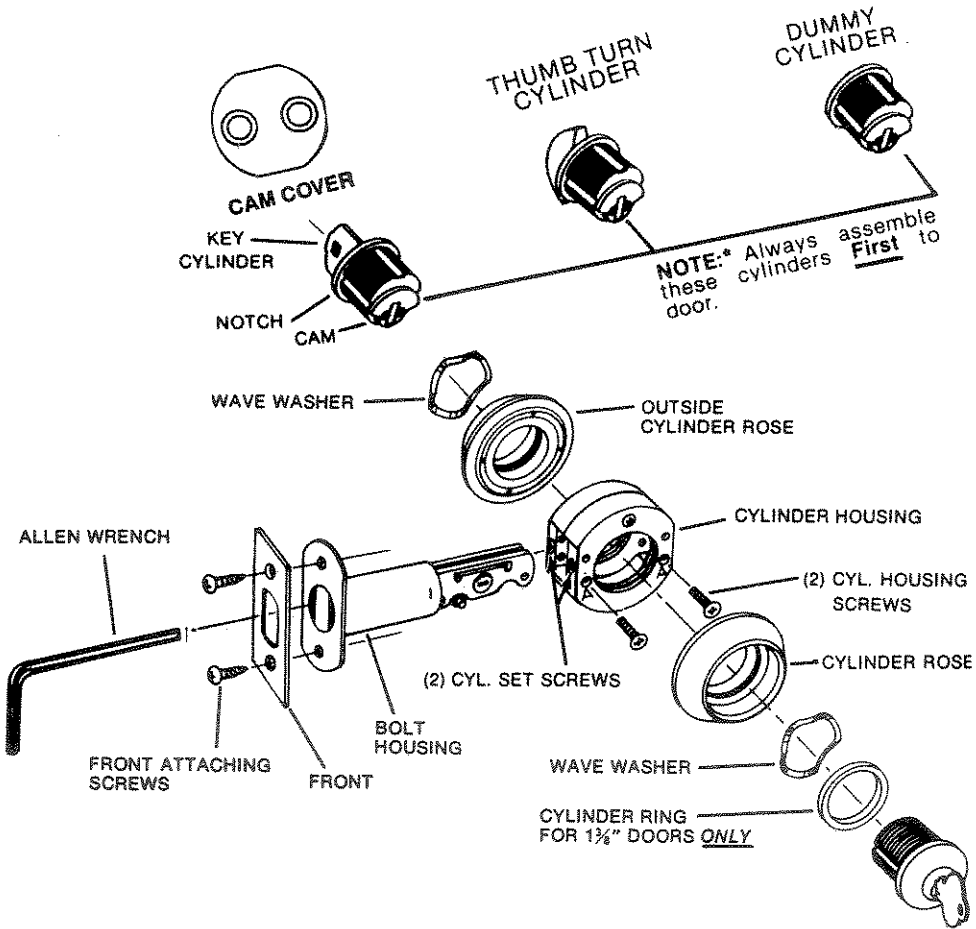
B. Insert Allen wrench inside along side of bolt until it engages screw and tighten cylinder set screw into "V" notch in cylinder.

8 A. Assemble front with screws.
B. Insert tailpiece into hub with thumb turn in vertical position.
C. Secure with machine screws supplied.





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.

KT Extra Heavy Duty Deadbolt

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)

<p>1 MARK HOLES Using enclosed template, mark door as illustrated at desired lock height.</p> <p>MARK CENTER FOR 1" HOLE MARK CENTER FOR 2 1/8" HOLE</p>	<p>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)</p> <p>EDGE BORE 2 1/8" HOLE FIRST (WILL ALSO FIT 1 7/8" HOLE) EDGE BORE 1" HOLE SECOND</p>	<p>3 MORTISE FOR FRONT Mortise (recess) for front 5/32" Deep on edge of door. Use front as template.</p> <p>EDGE</p>
<p>4 A. Install cylinder housing assembly into large hole in door with "TOP" upright</p> <p>BOLT HOUSING CYLINDER HOUSING TOP ARROW (2) CYL. HOUSING SCREWS</p> <p>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".</p>	<p>5 A. Assemble cylinder and wave washer into cylinder rose.</p> <p>CYLINDER ROSE WAVE WASHER CYLINDER</p> <p>B. Insert key in cylinder. Pull key back One Notch. C. Note: include cylinder ring for 1 3/8" thick doors ONLY.</p>	<p>6 A. Screw cylinder into housing until it stops. (Use key as wrench). B. Reverse rotation of cylinder at least one turn.</p> <p>C. Assemble 2nd Cylinder same method.</p>
<p>7 A. Make sure cylinders line up on both sides of door as shown.</p> <p>ALLEN WRENCH</p> <p>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.</p>	<p>8 A. Attach front with two screws.</p> <p>B. Try key on both sides and operate bolt.</p>	<p>INSTALL STRIKE REINFORCER AND STRIKE</p> <p>9</p> <p>STRIKE REINFORCER STRIKE</p> <p>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.</p>