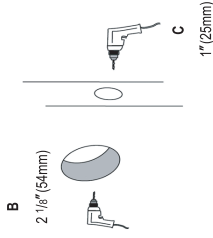


Installation Instruction for IND 90



Grade 2 Heavy Duty Deadbolt

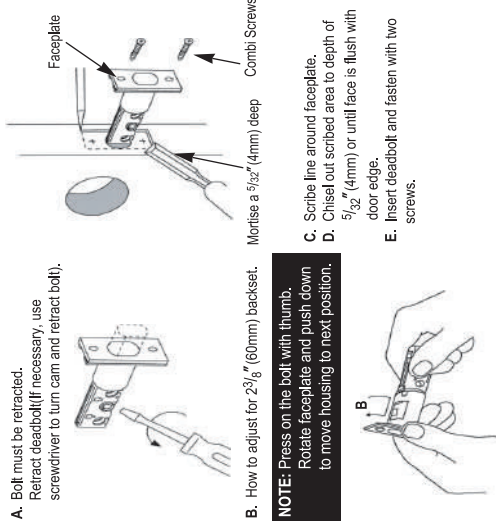
2. Drill holes



- Determine backset (2 3/4" or 2 1/2") of the lock.
- Drill a 2 1/8" (54mm) hole through both sides of the door as shown.
- Drill a 1" (25mm) hole into front face of the door.
Be certain holes are perpendicular.

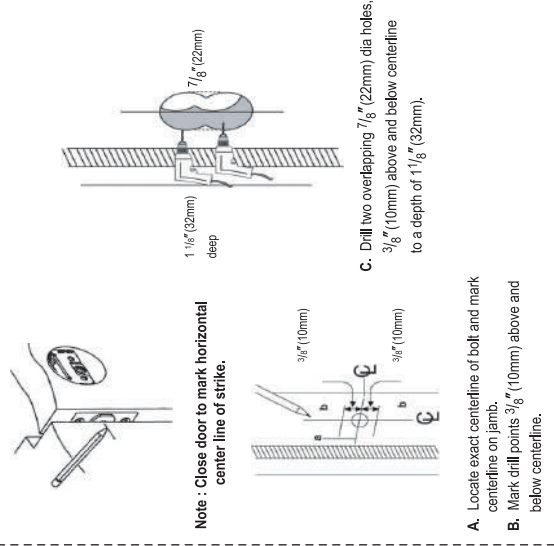
3. Install Dead Bolt

Adjustable deadbolt is factory preset 2 3/4" (70mm) backset.



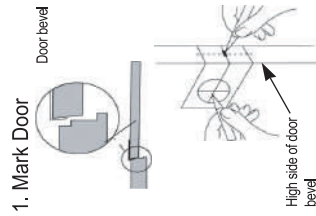
- Bolt must be retracted. Retract deadbolt (if necessary, use screwdriver to turn cam and retract bolt).
- How to adjust for 2 3/8" (60mm) backset.
NOTE: Press on the bolt with thumb. Rotate faceplate and push down to move housing to next position.
- Scribe line around faceplate.
- Chisel out scribed area to depth of 5/32" (4mm) or until face is flush with door edge.
- Insert deadbolt and fasten with two screws.

4. Prepare Door Jamb



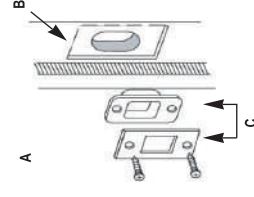
- Note: Close door to mark horizontal center line of strike.
- Locate exact centerline of bolt and mark centerline on jamb.
 - Mark drill points 3/8" (10mm) above and below centerline.
 - Drill two overlapping 7/8" (22mm) dia holes. 3/8" (10mm) above and below centerline to a depth of 1 1/8" (32mm).

Grade 2 Heavy Duty Deadbolt



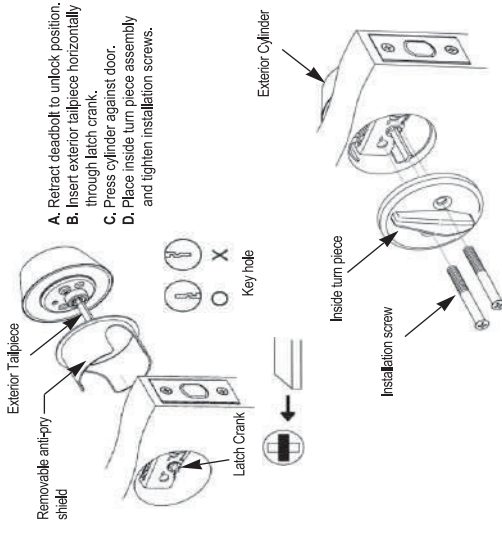
- Check lock for proper backset before marking.
- Fold template over door edge.
- Mark center for 2 1/8" (54mm) hole.
- Mark center for 1" (25mm) diameter latch hole in door edge.

5. Install Strike



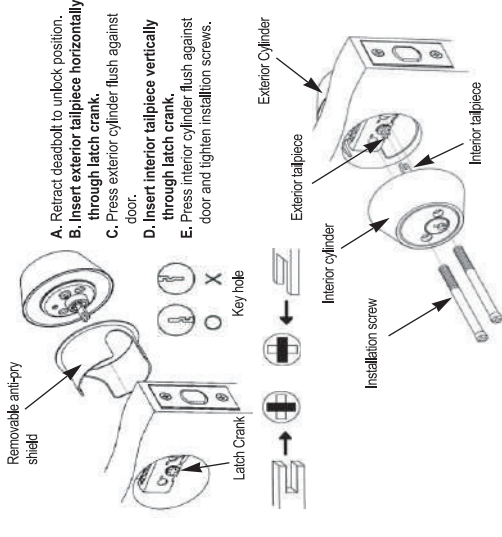
- Place strike box in hole. Place strike over the strike box and use it as pattern for cutout.
- Chisel about 1/8" (3.2mm) deep for flush fit of box and strike.
- Install strike box and strike with combi screws.

6. Single Cylinder Installation Instructions

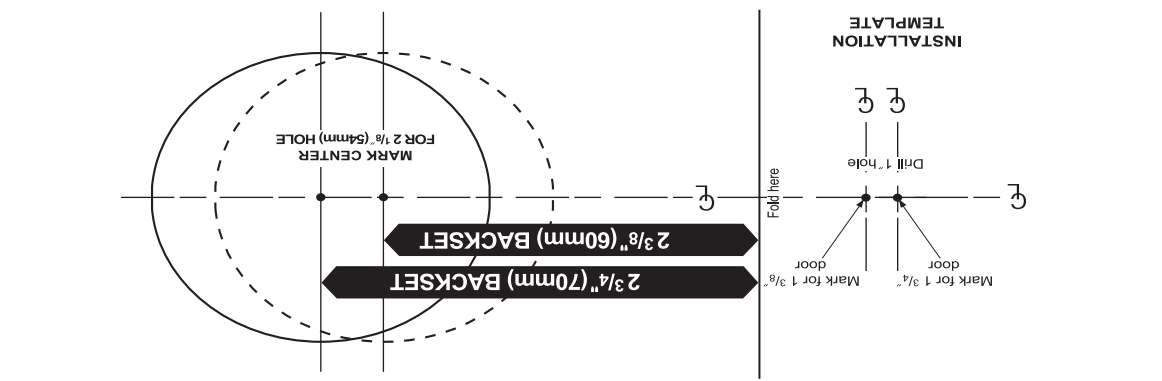


- Retract deadbolt to unlock position.
- Insert exterior tailpiece horizontally through latch crank.
- Press cylinder against door.
- Place inside turn piece assembly and tighten installation screws.

7. Double Cylinder Installation Instructions



- Retract deadbolt to unlock position.
- Insert exterior tailpiece horizontally through latch crank.
- Press exterior cylinder flush against door.
- Insert interior tailpiece vertically through latch crank.
- Press interior cylinder flush against door and tighten installation screws.

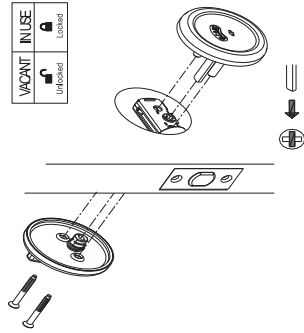


INSTALLATION TEMPLATE

Installation Instruction for IND 90

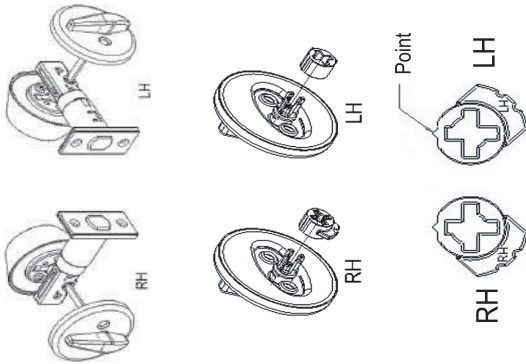


INSTALL THUMB TURN AND INDICATOR ASSEMBLIES



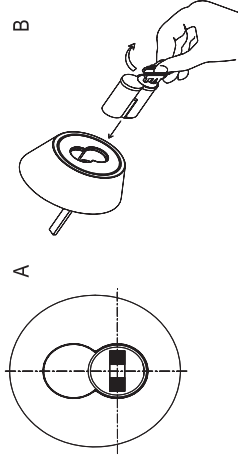
- With the deadbolt latch in the retracted position.
- Rotate the tailpiece of the indicator assembly to the horizontal position (unlocked).
- Insert the tailpiece through the deadbolt latch and hold the indicator assembly flush with the surface of the door.
- Install the thumb turn assembly by rotating the thumb turn in the vertical position and slide the thumb turn assembly over the tailpiece of the indicator assembly.
- Insert mounting screws into the thumb turn assembly, through the deadbolt latch and into the threaded posts on the indicator assembly.
- Tighten screws until the thumb turn and indicator assemblies are tight against the door.

- Check handing of lock installation (RH or LH).
- Insert the cam with Point upward into thumbturn piece.

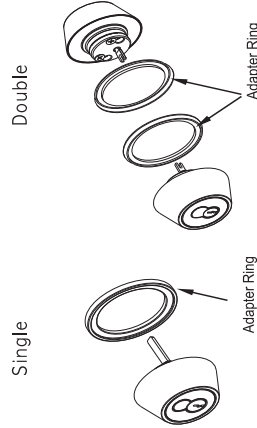


Small Format Interchangeable Core(Optional)

- Align driver as shown below.
- Core Installation : turn control key clockwise, then insert core into deadlock. Turn control key back to vertical position and remove it from the core. Test operation with user key.

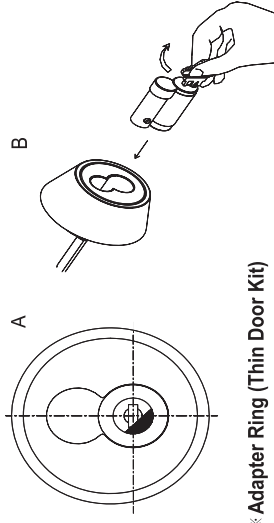


※ Adapter Ring (Thin Door Kit)
To install on 1-3/8" door, use optional adapter ring.



Large Format Interchangeable Core(Optional)

- Align driver as shown below.
- Core Installation : turn control key clockwise, then insert core into deadlock. Turn control key back to vertical position and remove it from the core. Test operation with user key.



※ Adapter Ring (Thin Door Kit)
To install on 1-3/8" door, use optional adapter ring.

