

INSTRUCTIONS FOR INSTALLATION OF SINGLE AND DOUBLE CYLINDER DEADBOLT



1. MARK DOOR

- A. Fold and apply template to high edge of door bevel and mark center of door edge as indicated on template at the desired height from the floor.
- B. Mark center hole on door face through guide on template for either 60mm(2-3/8") or 70mm(2-3/4") backset.



2. DRILL HOLES

- A. Drill thru door face as marked for lockset. It is recommended that holes be drilled from both sides to prevent splitting. Hole size is 54mm(2-1/8") for standard installations.
 - B. Drill 25mm(1") hole in center of door-edge thru to 54mm(2-1/8") hole for latch.
- Caution: Check center of latch hole for alignment with strike center on jamb to ensure free movement of latch bolt.



3. INSTALL LATCH

- A. Insert latch in hole, keeping it parallel to face of door. Mark outline and remove latch.
- B. Chisel 3mm(1/8") deep or until latch face is flush with door edge.
- C. Install deadbolt latch in "UP" position into hole as shown on latch. Insert and tighten screws.
- D. Important: Do not hammer on latch if bolt is extended. For round face deadbolt press flush to door edge. Bolt must be vertically aligned with door edge as indicated by arrow.



4. INSTALL STRIKE

- Caution: Check center of strike hole for alignment center on the door to ensure free movement.
- A. Referring to illustration, chisel outline for plates in sequence of ①②③.
 - 1. Bore a 25mm(1") hole, a minimum of 25mm on the jamb.
 - 2. Cut out at same place with chisel over the hole to a width of 25mm(1"), length of 38mm and depth of 9.5mm(3/8"), to accommodate the square frame in base strike plate.
 - 3. Cut out jamb with chisel to a width of 28mm length of 70mm(2-3/4") and depth of 3mm into the 25mm(1") hole.
- B. Put upper strike plate with base strike plate together and install flush. Insert and tighten two screws.



5. INSTALL EXTERIOR CYLINDER GUARD RING AND INTERIOR REINFORCED PLATE

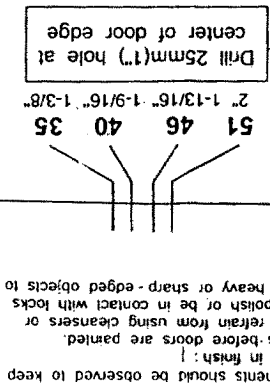
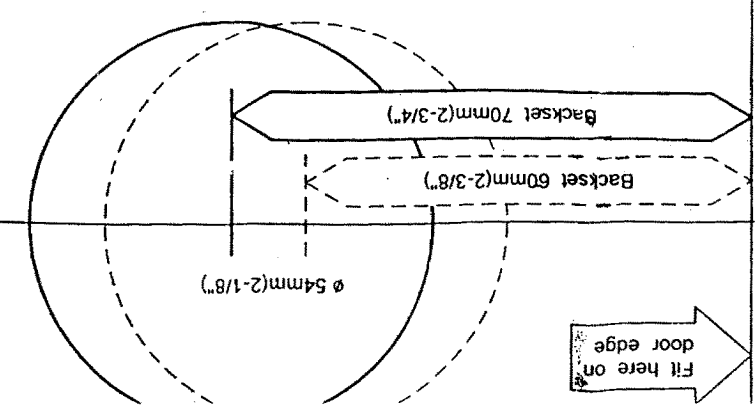
- A. Refer to illustration, insert short mounting screws through two vertical holes in the interior reinforced plate to engage tapped holes of the exterior cylinder guard ring. Tighten screws to have both parts mounted against door.
- B. Insert a screw driver to engage the cross drive of latch and turn to operate latch bolt projection and retraction. Check if mounting screws interfere and do necessary adjustment of the exterior and interior parts to ensure smooth operation of latch.
- C. Tighten screws firmly.

6. INSTALL EXTERIOR KEYPED CYLINDER AND INTERIOR ROSETTE

- A. Insert exterior keyed cylinder into cylinder guard ring.
- B. Insert longer mounting screws through holes of interior rosette for mounting onto the interior reinforced plate. Check to ensure cylinder torque blade goes through latch cross drive to engage interior rosette thumb turn slot.
- C. Tighten screws firmly, test both key and thumb turn and do necessary adjustment to ensure smooth operation of latch.

INSTRUCTIONS FOR INSTALLING DOUBLE CYLINDER DEADLOCKS

- A. Install exterior cylinder per point 5 for single cylinder deadbolt.
- B. Install interior cylinder by engaging interior torque blade with exterior torque blade through latch cross drive.

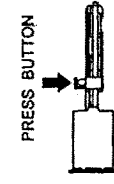


FACTORY PRESET 60mm(2-3/8") BACKSET

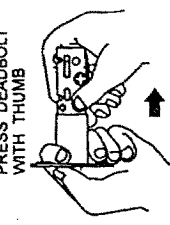
CAUTION: When converting 60mm(2-3/8") to 70mm(2-3/4") or 70mm(2-3/4") to 60mm(2-3/8"), the deadbolt should always be pressed by thumb. Under no circumstance can deadbolt be extended, fully or partially, during backset adjustment. Deadbolt is preset at factory for 60mm(2-3/8").

CONVERTING 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



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").

DEADBOLT ADJUSTMENT

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

The following requirements should be observed to keep your locks last longer in finish: 1. Do not install locks before doors are painted. 2. To avoid oxidation, refrain from using cleansers or acid chemicals to polish or be in contact with locks. 3. Refrain from using heavy or sharp-edged objects to scrub locks.

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