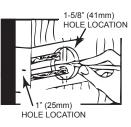
A L-R OYAL INSTALLATION INSTRUCTIONS FOR T220 DEADBOLTS RODUCTS, INC.

1. MARK DOOR

Determine the backset you require. Backset is the distance from the door edge to the center of the 1 5/8" hole (41mm). It corresponds to the latch you are using. Cut out template, fold and locate on edge of door as shown. Mark face of door for 1 5/8" (41mm) hole and center of door edge for 1" (25mm) hole on the approporiate locations based on your door thickness.



2. DRILL HOLES

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In edge of door, drill a 1" (25mm) diameter latch hole where previously marked. Drill up to 4" deep. Then drill the marked area for the 1 5/8" (44mm) hole making sure not to break through to opposite side. Drill just past the 1" (25mm) diameter hole.



3. INSTALL DEADBOLT LATCH



Insert deadbolt into hole and mark outline as shown with pencil. Remove latch.

With a 1" (25mm) wood chisel, cut out depth of wood to about 1/8" (3mm) to the size of deadbolt plate. Face plate of deadbolt should be flushed with door surface.



"A" screws and tighten. A" SCREWS

5. INSTALL STRIKE PLATE

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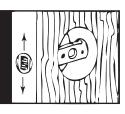
With deadbolt in upright position, attach stud plate

and install. Insert two

IMPORTANT: Do not hammer on latch if bolt is extended. For round face deadbolt installation, no chiseling is required. Simply press deadbolt flush to door edge. Be sure bolt is vertically aligned with door edge (see arrows).

The lock is properly installed if the deadbolt contacts the strike during locking or unlocking. The deadbolt should

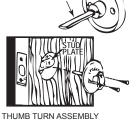
STUD PLATE



4. INSTALL THUMB TURN ASSEMBLY

NOTE: If not yet attached, slide torque blade into thumbpiece assembly before continuing.

Align torque blade of thumb turn assembly with crank in latch and press flush against door. Rotate turnpiece to locked position (bolt extended). Insert two "B" screws and tighten.



TORQUE BLADE

SCREW DIAGRAM

LATCH 7 STRIKE SCREWS ASSEMBLY SCREWS A WOOD-METAL В

Locate strike plate by marking end of bolt with marking crayon or lipstick. Close door and operate bolt back and forth several times to mark the jamb. Locate the center of spot and drill a 1" (25mm) hole with a minimum depth of 1" (25mm). (Lock will not

function properly if hole is

not deep enough.)

never rub against the strike and should always work freely.

Be sure the instructions are followed carefully when mounting the strike plate.



Center strike plate over hole and mark around its perimeter with pencil or scribe.

Using a chisel, cut out iamb up to 5/64" depth (2mm) or until strike plate is



flushed to surface. Insert and tighten two "A" screws.

