**D800 DEADBOLT INSTALLATION & TEMPLATE**

Before installing, read all instructions and lay parts out as shown in figure 7A or 7B.

**1.** Mark centers for latch holes and side holes per template instructions.

**2.** Drill (1) 1 1/8" diameter hole in face and 1" diameter hole in edge of door per template instructions.

**3.** Insert latch in edge keeping its face parallel to face of door. Mark outline of latch face and remove latch.

**4.** Chisel 5/32" (3.97mm) deep or until latch face is flush with door edge.

**5.** Insert latch and secure with two (2) No. 7 x 3/4" wood screws. Tighten screws.

**6.** TAILPIECE ADJUSTMENT

For D831 Double Cylinder Only

**A.** Determine proper score mark.

**B.** Grip tailpiece next to score mark for your door thickness.

**C.** With diagonal cutters (dikes), grip tailpiece on the indicated score mark as close as possible to cutter-pivot. Twist off tailpiece excess.

**DOUBLE CYLINDER ONLY**

**TAILPIECE (L)**

**DOOR THICKNESS**

1 1/2" (38mm)
1 3/8" (35mm)
1 1/8" (28mm) MINIMUM BEYOND REQUIRED BACKSET

NOTE: IF LOCK DOES NOT HAVE TO MEET ANSI A156.5 GRADE 2 REQUIREMENTS, A 2-1/8" CROSS BORE MAY BE USED.

EXTENDED

**FOR DOOR 1" HOLE (25mm) PARALLEL TO SIDES OF DOOR**

IMPORTANT: PLACE TEMPLATE ON HIGH EDGE CENTER FOR 1 3/8" DOORS (35mm)
CENTER FOR 1 3/4" DOORS (44mm)

**DISTANCE FROM EDGE OF DOOR (BACKSET)**

**BEORE 1" HOLE (38mm) AT CORRECT BACKSET**

**FOLD ALONG EDGE OF DOOR**

**IMPORTANT: EXTEND DEAD BOLT BEFORE PROCEEDING**
7. TRIM ASSEMBLY

Mount housing (D) (with threaded holes) on the outside of the door with tailpiece (L) engaging the vertical slot in the deadbolt (A).

8A. SINGLE CYLINDER ASSEMBLY

Single Cylinder: Screw ¼" bolts (F) thru plate (E) into housing (D) and tighten. Engage tailpiece (L) with thumbturn (G). Fasten thumbturn (G) to plate (E) with short machine screws (H). *NOTE: Align plate with the large holes below the small holes as shown. For a 1 ¹/₂" diameter bored hole, the 3 dimples should face into the door. For a 2 ¹/₈" diameter bored hole, the circular ridge should face into the door.

8B. D831 DOUBLE CYLINDER ASSEMBLY

Double Cylinder: Screw ¼" bolts (F) thru housing (E), into housing (D) engaging tailpieces (L) with the vertical slot in the deadbolt.

Important: Check locking and unlocking of both sides with door open. Lock must be properly mounted and functioning before 1 mounting screw can be replaced with non-tamper screw (C) supplied. CAUTION: Once tightened, screw cannot be removed by conventional methods.

9. STRIKE INSTALLATION

A. Mark the corners of the dead bolt with crayon or grease pencil. Retract deadbolt and close door. Throw deadbolt firmly against jamb to transfer markings.

B. Bore 1" diameter hole 1 ¹/₄" deep, centered between the markings. CAUTION: Deadbolt will not function correctly if hole is too shallow.

C. Place strike on jamb, centering over hole and parallel to edge of frame. Mark outline and remove strike.

D. Chisel cutout ¹/₁₆" deep.

E. Install strike with No. 7 x ¾" screws. Tighten screws.

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017546-000-70 Rev. 10/14-d
Additional Notes:
1. None

Revision History

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Material: White Paper

Notes:
1. printed two sides
2. printed black
3. tolerance ± .13
4. printed in country may vary

Revision Description:
D > Revised artwork

Edited By: J. Ellis
Approved By: M. Roberts
EC Number: xxxxx
Release Date: 10/14

Title: Instruction Sheet, D800

Creation Date: 10-28-14
Number: 017546-000-70
Revision: D

Created By: J. Ellis
Activity: 3899 Hancock Expwy
Security, CO 80911

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