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MODEL 44 DOUBLE DOOR HOLDER INSTALLATION INSTRUCTIONS

P3206BLF 9/21

Overview

The Model 44 is a fully mechanical locking device used with out-swinging double-doors that do not have a center mullion (a mullion is a slender vertical member that forms a division between two doors). The Model 44 is screwed into (secured to) the inactive door, locking the inactive door to the top of the door frame when the active door is closed. Opening the active door (with an Emergency Exit Push Bar, for example) automatically allows both doors to freely swing open, thus providing an instant emergency exit with both doors open.

Detailed Operation

See Fig. 1. When the active door closes, the Bumper Plate mounted on the active door makes contact with (and pushes in) the Horizontal Release Pin, causing the Vertical Locking Pin to extend into the hole in the Strike Plate mounted into the top of the door frame, thus locking and securing the inactive door.

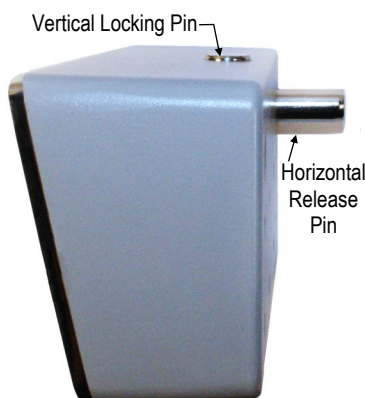


Fig. 1: Active door open, Horizontal Release Pin released (extended), Vertical Locking Pin retracted

When the active door is opened, the Horizontal Release Pin is released (extends), allowing the Vertical Locking Pin to retract to allow the inactive door to be opened. Before installing the Model 44, the placement of the Horizontal Release Pin can be changed to accommodate both right-active or left-active doors.

Specifications / Requirements

The Model 44 is for out-swinging double-door installations without a center mullion, reversible for right- or left-active doors. For best results, door gap must not exceed about 3/8" (0.95cm); if door gap exceeds this distance, we recommend shifting the Model 44 housing toward the active door.

Dimensions (LxWxH): When mounted: 8.5 x 3.0 x 2.5 in. (21.6 x 7.6 x 6.4 cm)

Select the Inactive Door

From the factory, the Model 44 is configured to be mounted to an out-swinging right-inactive door as shown in Fig. 2 and in "TEMPLATE A".

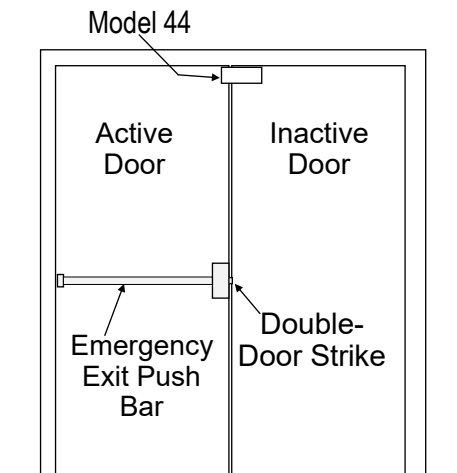


Fig. 2: Model 44 from the factory (left-active / right-inactive)

If the left door is to be inactive and right door is to be active, then the Horizontal Release Pin inside the Housing must be moved so that the Housing can be mounted to the left-inactive door (if you need to move the Horizontal Release Pin, see the next section).

Move the Horizontal Release Pin (if necessary)

See Fig. 3 as you perform the following steps:

1. Remove the Model 44 Housing cover and take note of the Cross-Bar inside the Housing. Notice this Cross-Bar is held in place by two screws and a Retaining Plate at each end of the Cross-Bar.

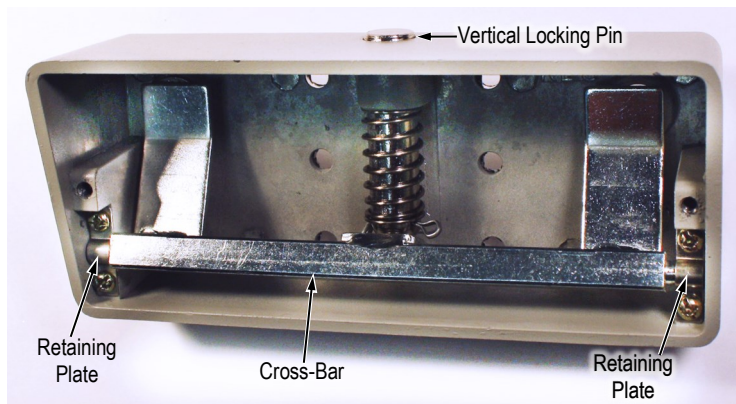


Fig. 3: Interior Components

- At only one end, remove the two screws and Retaining Plate, then remove the Cross-Bar.
- Install the Horizontal Release Pin into the opposite hole.

The Cross-Bar obstructs several mounting holes, therefore do not re-install the Cross-Bar until after the Model 44 housing is mounted to the inactive door.

Mount the Model 44 to the Inactive Door

- Cut the template in half (on the center horizontal dotted line; see Fig. 4).

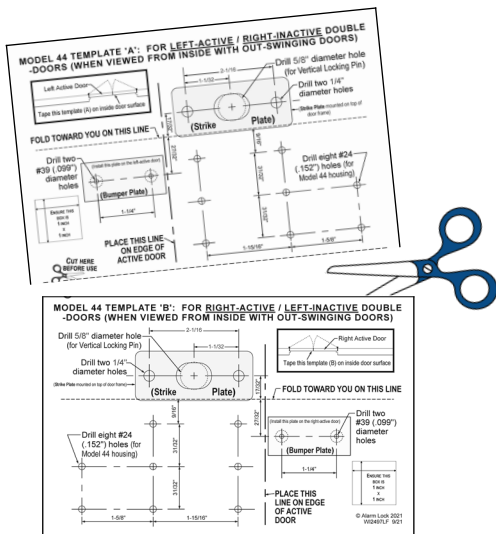


Fig. 4: Cut template in half

- Select the correct template for the right-inactive or left-inactive door. Fold template as directed on the template (see Fig. 5).

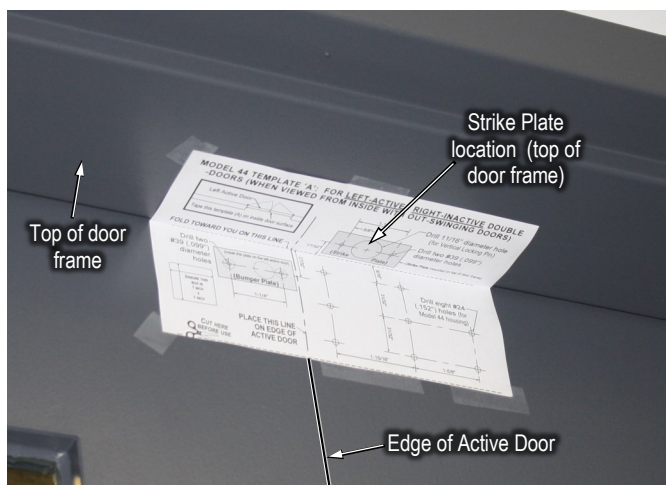


Fig. 5: Tape template to top of door frame (example)

- Tape template to the door and top of the door frame. Mark the holes for:
 - The Strike Plate on the top door frame (3)
 - The Bumper Plate on the active door (2)
 - The Model 44 Housing on the inactive door (8)
- Drill each hole to the diameters referenced on the template.
- Install the Strike Plate on the door frame and the Bumper Plate on the active door using two flat head screws for each.
- If not already done, remove the cover from the Model 44 Housing and remove the Cross-Bar as described in steps 1 and 2 in the section, "**Move the Horizontal Release Pin**" (the Cross-Bar obstructs several mounting holes and must be removed).
- Open both doors and mount the Model 44 Housing on the inactive door with eight #10 pan-head screws. Re-install the Cross-Bar inside the Housing and secure with the Retaining Plate and the two screws removed previously.
- Re-install the Model 44 Housing cover.

Test Operation

- Close the inactive door, then ensure that when the active door closes, the Bumper Plate mounted on the active door contacts and pushes in the Horizontal Release Pin and causes the Vertical Locking Pin to extend into the Strike Plate hole, locking the inactive door.
- Open the active door and ensure the Horizontal Release Pin extends and the Vertical Locking Pin retracts to allow both doors to open.