





3. Size Device



Determine device length

1. Close door. Measure 2-1/4" (57mm) from the Stop Surface on the hinge side of the door, mark Horizontal Reference at this point.

Note: This dimension must be 3/8" (10mm) minimum from edge of the stile on the door.

2. Open door. Align mounting holes in device with Mounting Holes in the door. Mark device where it crosses the mark from Step 1. If mark is less than 1-3/8" (35mm) min. from Dogging Hole, a shorter device is required.

3. Before cutting, make sure the End Cover is in place and there is no gap between it and the Pushpad. Cut device on mark from Step 2.

4. Mount Device & Components



A. Mount trim when required per installation instruction sheet provided with trim pack.

B. Fasten Device at the Latch Head using (2) 1/4-20 x 1" (25mm) PPHMS or 3/8" (10mm) dia. SNB (Metal Door) or #14 X 1-1/2" PPH"AB"SMS (Wood Door), to door surface.

C. Set Device Level. Using the End Clamp as a template locate the end clamp mounting holes.Prepare end clamp holes and mount End Clamp using (2) 1/4-20 x 1" (25mm) PPHMS or 3/8" (10mm) SNB or #14 X 1-1/2" PPH"AB"SMS (Wood Door).

D. Attach Top and Bottom Mounting Plates to door surface using (4) 1/4-20 x 3/4" (13mm) PFHMS or 3/8" (10mm) dia. SNB or #14 x 1-1/2" (38mm) PFH"AB"SMS (Wood Door). Attach Top Latch and Bottom Bolt Case to Top and Bottom Mounting Plates using (6) 10-24 x 1/4" (6mm) PFHMS. (See Figure 3).

Note: For 7170(F)(LBR) options see 726 strike template.

E. Check Slide Action. Depress pushpad, slide should move up freely, if not, verify handing (See Front Side for Details). Release touchbar (slide should fall back to original rest position).

- F. Install Rod Guides, (See Detail).
 - 1. Locate Rod Guide as dimensioned. Spot (2) mounting holes.
 - 2. Prepare holes.

- Metal Door: #28 - .140" (3.5mm) dia. Inside face.

- Wood Door: #28 .140" (3.5mm) dia. X 3/4" (19mm) deep.
- 3. Mount Guides, fasten with (2) #8 x 1/2" (13mm) PRH"AB"SMS as shown.



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1. For 7170 (LBR) Less bottom rod devices omit the 790 strike and use this template with the 726 strike template (page 9).

2. Mark £ rods line on door face. Note that the centerline of the rods and strikes, used to install top and bottom bolts, is not the vertical reference centerline.

3. For LBR devices, omit bottom latch and strike installation steps and see separate instructions for top latch and strike.

4. Unreinforced frames require that #10-24 blind rivet nuts (by others) be used to bolt strike. Frames are considered not reinforced when strike mounting screws cannot engage (3) full threads.

5. Dimensions are given in inches (mm).

6. **CAUTION:** Office copiers and facsimile machines may change the size of a drawing and make the template inaccurate to use as a door marker.

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