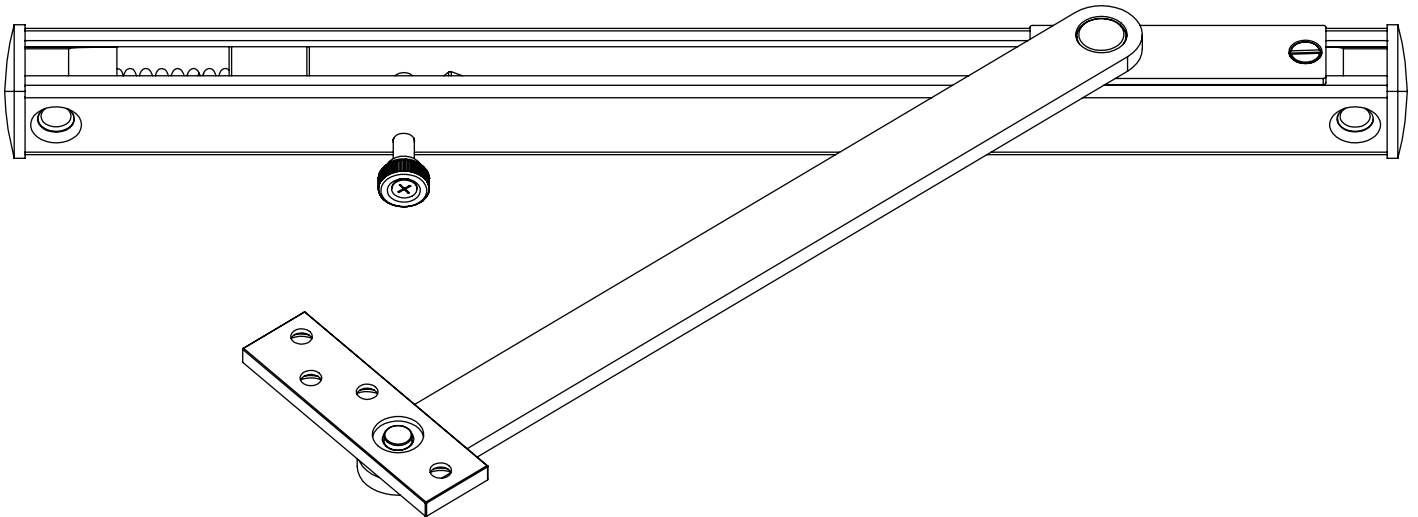


P70 Series

Overhead Stop/Hold Open

Heavy duty | Surface mount



WARNING

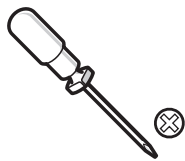
Installers should be aware that improper installation may cause product damage and void the factory warranty.

Installation Instructions

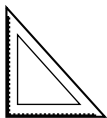
P70 Series

1

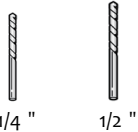
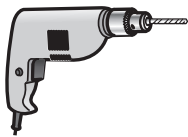
Tools Required



Phillips screwdriver



Set square



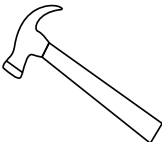
Drilling machine & heads



Chisel



Pencil



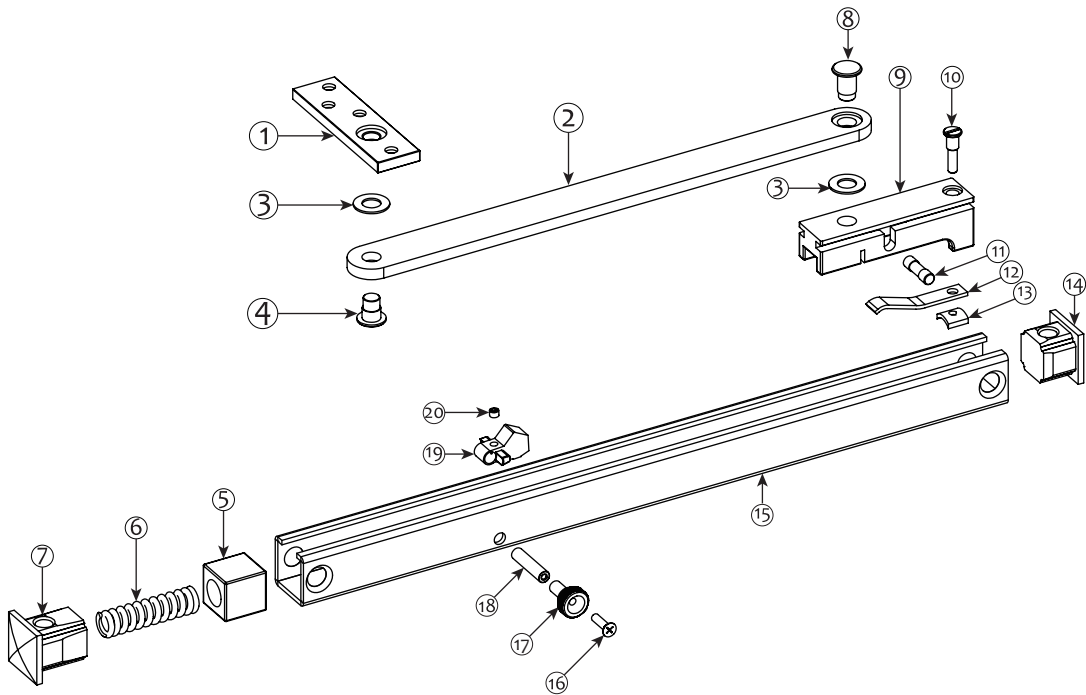
Hammer



Tape measure

2

Product Components



No.	Description	No.	Description
1	Jamb bracket	11	Stopping pin
2	Arm	12	Hold open spring
3	Washer	13	Adjusting nut
4	Revit pin A	14	End cap B
5	Shock block	15	Channel
6	Spring	16	PH screw
7	End cap A	17	Release knob
8	Revit pin B	18	Sleeve
9	Cam slider	19	Hold open block
10	Adjusting screw	20	Set screw

P70 Series

3

Installation

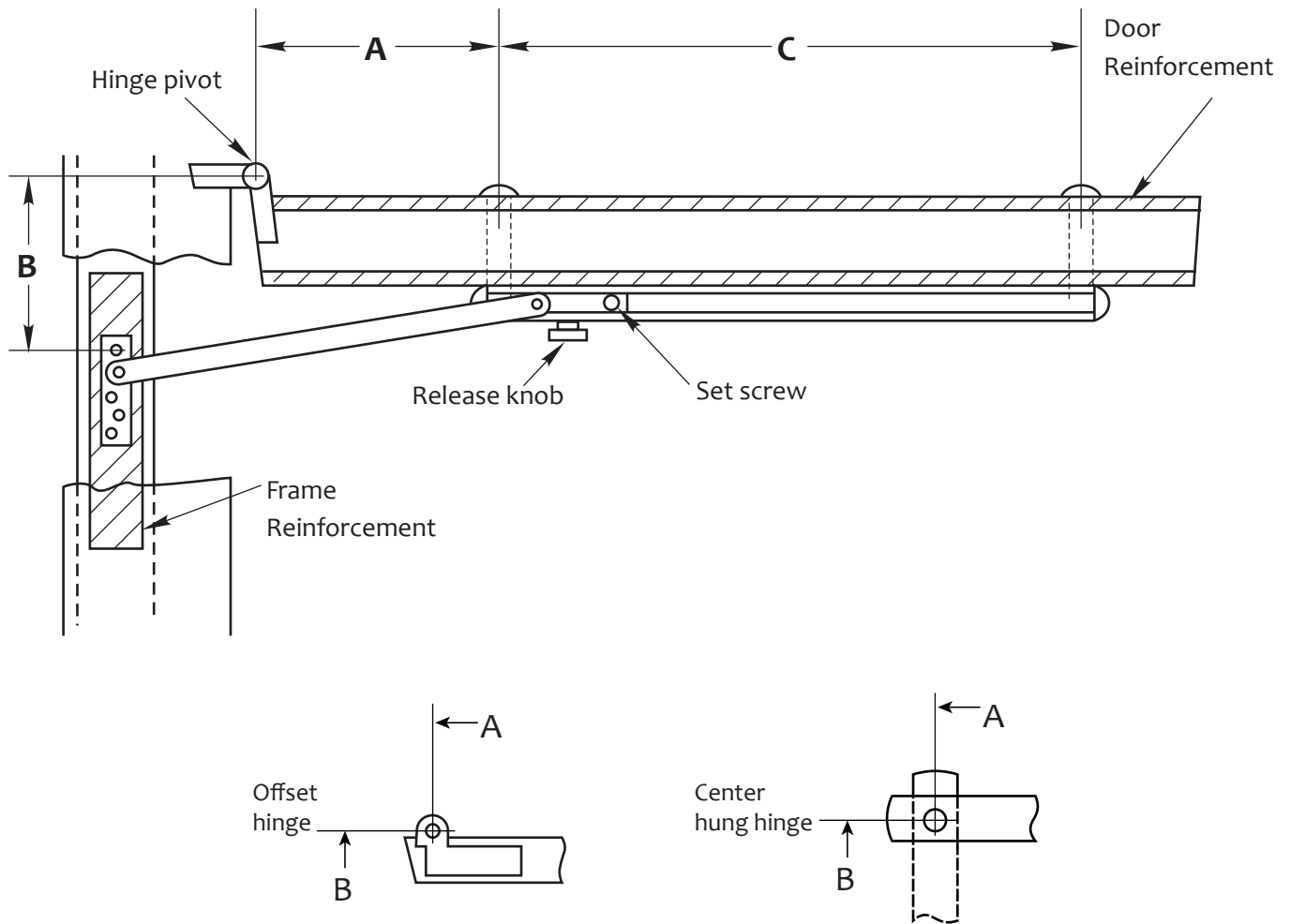


Figure 1 Installation diagram

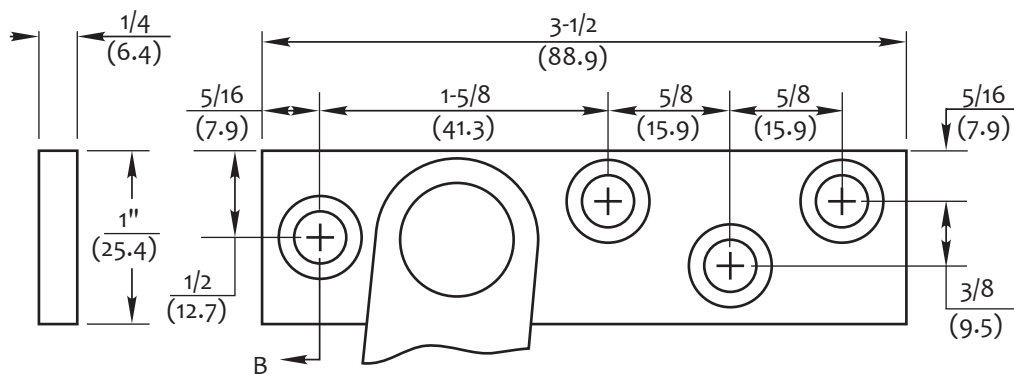


Figure 2 Jamb bracket screw hole dimensions

P70 Series

3

Installation(cont.)

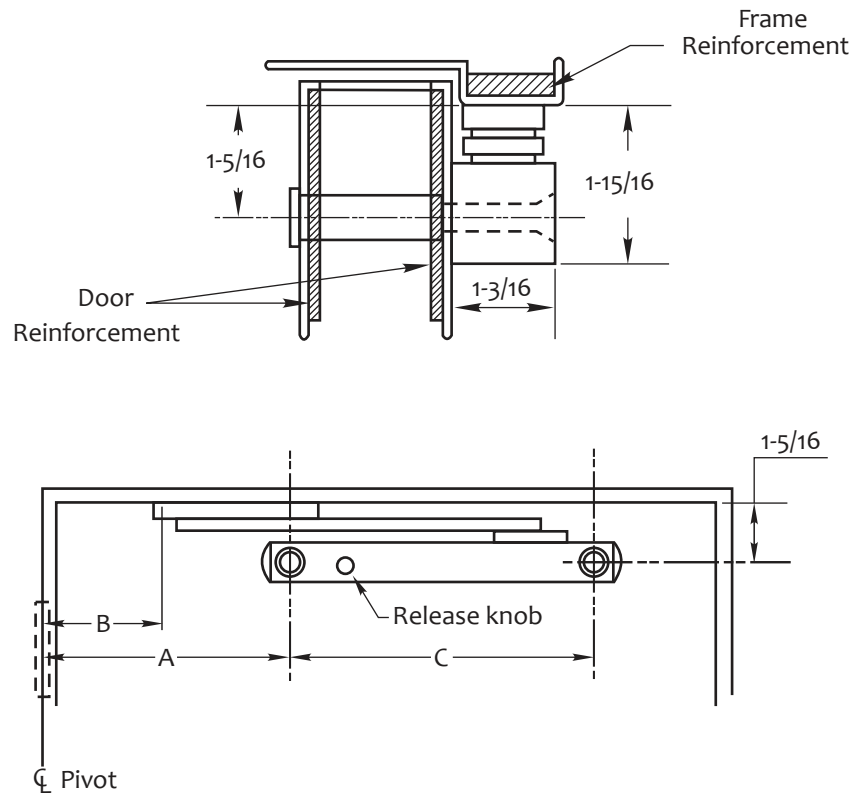


Figure 3 Channel screw hole positioning

1. Select and mark dimensions

- Select the correct dimensions from Figure 5 for Figure 1, according to the door opening and opening angle.
- Select dimension A and C, mark on the door for channel. (Figure 1)
- Select dimension B and mark on the door frame for jamb bracket. (Figure 1)

Note: The dimensions A, B and C are measured from the pivot center of the hinges, not from the door edge.

2. Drill and install channel (Figure 3)

- Drill 1/2" through holes at dimensions A and C, 1-5/16" below the top door frame respectively, ensure holes A and C are level and parallel to the top door frame.
- Secure the channel with the provided pins and screws.

Note: The channel installation requires two reinforcement plates measuring 2-1/2" wide and 3/16" thick, matching the full door width, and shall be reinforced as shown. (Figure 2)

3. Install jamb bracket

- Install the jamb bracket on the door frame according to dimension B. (Figure 1, 2)

Note: The jamb bracket shall be reinforced with a backer plate not less than 3/16" thick and 12" long. (Figure 1)

4. The illustrations show a left-hand door installation. For right-hand doors, reverse the positioning and installation accordingly.

P70 Series

3

Installation(cont.)

P70 dimension list									
Hinge	Model	Door opening	90°		100°		110°		C
			A	B	A	B	A	B	
$1\frac{3}{4} \sim 2\frac{1}{4}$ door thickness, Butt hinge with $\frac{3}{4}$ offset	P701	24 ~ 28	$4\frac{1}{4}$	$4\frac{3}{8}$	$3\frac{11}{16}$	$3\frac{13}{16}$	-----	-----	$15\frac{15}{16}$
	P702	$28\frac{1}{16} \sim 33$	6	$5\frac{7}{16}$	$5\frac{3}{8}$	$4\frac{13}{16}$	$4\frac{15}{16}$	$4\frac{5}{16}$	$17\frac{3}{16}$
	P703	$33\frac{1}{16} \sim 38$	$9\frac{1}{2}$	$6\frac{3}{4}$	$8\frac{3}{4}$	$5\frac{15}{16}$	$8\frac{3}{16}$	$5\frac{3}{8}$	$18\frac{11}{16}$
	P704	$38\frac{1}{16} \sim 43$	$12\frac{1}{4}$	$8\frac{1}{2}$	$11\frac{3}{8}$	$7\frac{9}{16}$	$10\frac{11}{16}$	$6\frac{7}{8}$	$20\frac{13}{16}$
	P705	$43\frac{1}{16} \sim 48$	$15\frac{3}{4}$	$9\frac{3}{4}$	$14\frac{3}{4}$	$8\frac{5}{8}$	14	$7\frac{13}{16}$	$22\frac{5}{16}$
$1\frac{3}{4} \sim 2\frac{1}{4}$ door thickness, Center hung hinge	P701	$25\frac{1}{2} \sim 30$	$4\frac{3}{4}$	$5\frac{1}{4}$	$4\frac{3}{16}$	$4\frac{11}{16}$	$3\frac{11}{16}$	$4\frac{3}{16}$	$15\frac{15}{16}$
	P702	$30\frac{1}{16} \sim 36$	$6\frac{1}{2}$	$6\frac{1}{8}$	$5\frac{13}{16}$	$5\frac{7}{16}$	$5\frac{5}{16}$	$4\frac{15}{16}$	$17\frac{3}{16}$
	P703	$36\frac{1}{16} \sim 41$	10	$7\frac{1}{2}$	$9\frac{3}{16}$	$6\frac{11}{16}$	$8\frac{9}{16}$	$6\frac{1}{16}$	$18\frac{11}{16}$
	P704	$41\frac{1}{16} \sim 46$	$12\frac{13}{16}$	$9\frac{3}{16}$	$11\frac{13}{16}$	$8\frac{3}{16}$	$11\frac{1}{8}$	$7\frac{1}{2}$	$20\frac{13}{16}$
	P705	$46\frac{1}{16} \sim 50$	$16\frac{3}{8}$	$10\frac{1}{2}$	$15\frac{1}{4}$	$9\frac{3}{8}$	$14\frac{3}{8}$	$8\frac{1}{2}$	$22\frac{5}{16}$

Figure 4 Installation dimensions

P70 Series

4

Trial Operation

Note: After installation, perform multiple door operation tests (at least 10 cycles recommended):

- a Slowly open the door to the maximum opening angle and verify it reaches the preset stop angle.
- b Check whether cushioning occurs as the door approaches the stop position.
- c Release the door and confirm it returns properly (when used with a door closer).
- d Ensure the Channel and arm operate smoothly without binding, abnormal noise, or vibration.
- e Turn the release knob counterclockwise 180° to verify that the hold-open function is disengaged. (Figure 5)

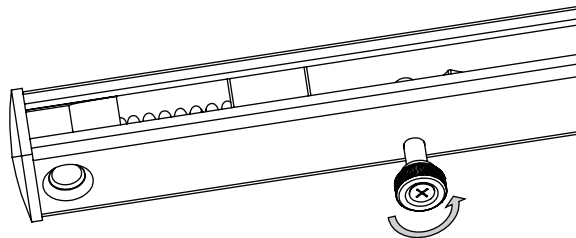


Figure 5