7500H
Non Handed Door Closer
Regular Arm
Top Jamb Mount
Parallel Arm
With or without DA suffix (delayed action)
With or without M suffix (metal cover)

Hold Open Arm Models

<table>
<thead>
<tr>
<th>Adjustable (Sizes 1-6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7500-H</td>
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<tr>
<td>J7500-H</td>
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<tr>
<td>JL7500-H</td>
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<tr>
<td>P7500-H</td>
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</tbody>
</table>

WARNING
This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65warnings.ca.gov.

Ce produit peut vous exposer au plomb qui, dans l’état de la Californie, est reconnu pour causer le cancer, des anomalies congénitales ou d’autres problèmes de reproduction. Pour plus d’informations, visitez: www.P65warnings.ca.gov.

Regular Arm
Top Jamb Mount
Parallel Arm

*Included Components
- Std Plastic or Opt Metal Cover
- Wrench
- DA Option (5 Valves)
- Dial Screw
- Shoe
- Dial
- Set Screw
- Main Arm Pinion Screw
- Main Arm
- Hold Open Arm
- Assembly
- Screw Pack

Optional Plates
- 7786 or 7788 Closer Backplate
- Soffit Adapter Plate
- 1628H Soffit Plate Used with Parallel Arm Closers Only

Legacy Friction Hold Open Arm
Note: Legacy FHO arm has installation orientation. See 80-9300-0003-000 for details.

To Determine Your Hand of Door:
- Right Hand Reverse
- Left Hand Reverse

To Identify Your Model:
Older models may be stamped “1-6”, “1-4” or “2-6”. They can be replaced with a newer “1-6” model which has no stamp.

Standard 7500 = 4 valves
Delayed Action 7500DA = 5 valves

Tools Needed
- Tape Measure
- Punch
- Pencil
- Phillips Screwdriver
- Adjustable Wrench
- #7 1/4-20 for Metal
- 3/16" for Wood
- 9/32" 3/8" for Either Nut and Bolt Option
- Drill

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Before You Begin

ATTENTION:
An incorrectly installed or improperly adjusted door closer can cause property damage or personal injury. These installation instructions should be followed to avoid the possibility of misapplication or misadjustment.

- For special applications, a separate door and frame preparation template is packed with these instructions. Use these instructions for installation sequence and closer adjustments only.
- 7500 Series closing force is adjustable from 1-6 as outlined in ANSI Standard A156.4. When closer is adjusted to conform to ADA reduced opening force requirements (5 lbs max.) for interior doors, it may not have adequate closing force to reliably close and latch door. Charted power adjustments in instructions are recommended where possible, to ensure proper door control.

Mounting Hardware

<table>
<thead>
<tr>
<th>Door or Frame</th>
<th>Drill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closer, H/O Shoe or Optional PA Bracket: 1/4-14 x 1-1/2 Oval Flat Head Mach. Screw</td>
<td>Wood 3/16&quot; (4.76mm)</td>
</tr>
<tr>
<td>Closer, H/O Shoe or Optional PA Bracket: 1/4-20 x 3/4 Oval Flat Head Mach. Screw</td>
<td>Metal Drill #7 (.201 dia. or 5.10mm) Tap 1/4-20</td>
</tr>
<tr>
<td>H/O Shoe to Optional PA Bracket: 1/4-20 x 1/2 Oval Flat Head Mach. Screw</td>
<td></td>
</tr>
<tr>
<td>Closer: Sleeve Nut and Bolt (SNB) (optional)</td>
<td>Hollow Metal 9/32&quot; (7.00mm) thru 3/8&quot; (9.50mm) door face opposite to closer</td>
</tr>
<tr>
<td>Closer: Thru Bolt and Grommet Nut (TBGN) (optional)</td>
<td>Aluminum or Wood 3/8&quot; (9.50mm) thru 9/32&quot; (7.00mm) thru 3/8&quot; (9.50mm) dia. x 3/8&quot; (9.500mm) deep, door face opposite to closer</td>
</tr>
</tbody>
</table>

Closer Adjustments

Use provided hex wrench to turn valves. NEVER force valves out of closer. NEVER completely close backcheck valve.

Door must be open to adjust spring closing power. Refer to specific charts on installation pages. Do not use a power drill. Warranty will be void.

Cover

Do not over tighten screws.

Norton
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1. Prepare door and frame.

2. Mount closer to door.

3a. Remove dial from Hold Open arm.

3b. Install separate arms.

4. Connect arms, preload spring and tighten set screw.

5. Set Hold Open.

You've installed the 7500H Hold Open Closer - Regular Arm.

Go to page 2 for closer adjustments and cover installation.
7500H Top Jamb Mount Installation (Right Hand Shown)

1. Prepare door and frame.

2. Mount optional backplate and/or closer to frame.

3a. Remove dial from Hold Open arm.

3b. Install separate arms.

4. Connect arms, preload spring and tighten set screw.

5. Set Hold Open.

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<table>
<thead>
<tr>
<th>Opening</th>
<th>Dimension A (inches (mm))</th>
</tr>
</thead>
<tbody>
<tr>
<td>To 100*</td>
<td>7-5/8 (194)</td>
</tr>
<tr>
<td>101* to 120*</td>
<td>6-5/8 (168)</td>
</tr>
<tr>
<td>121* to 150*</td>
<td>4-5/8 (117)</td>
</tr>
<tr>
<td>151* to 180*</td>
<td>4-1/8 (105)</td>
</tr>
</tbody>
</table>

Power Adjustment Chart

<table>
<thead>
<tr>
<th>Maximum Interior Door Size (inches)</th>
<th>Maximum Exterior Door Size (inches)</th>
<th>Turns from Zero</th>
</tr>
</thead>
<tbody>
<tr>
<td>32 (813)</td>
<td>28 (711)</td>
<td>5</td>
</tr>
<tr>
<td>36 (914)</td>
<td>34 (864)</td>
<td>8-1/2</td>
</tr>
<tr>
<td>42 (1067)</td>
<td>38 (965)</td>
<td>11</td>
</tr>
<tr>
<td>52 (1321)</td>
<td>42 (1067)</td>
<td>13-1/2</td>
</tr>
<tr>
<td>60 (1524)</td>
<td>48 (1219)</td>
<td>16-1/2</td>
</tr>
</tbody>
</table>

NOTE: Maximum of 16-1/2 turns (360°) of Power Adjustment Nut.

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You've now installed the 7500H Hold Open Closer - Top Jamb Mount.

Go to page 2 for closer adjustments and cover installation.
7500H Parallel Arm Installation (Right Hand Shown)

1. Prepare door and frame.

2. Remove dial from Hold Open arm.

3. Install soffit plate and mount closer.

4. Install Hold Open arm to plate.

Power Adjustment Chart

<table>
<thead>
<tr>
<th>Opening</th>
<th>Dimension A inches (mm)</th>
<th>Dimension B inches (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>To 100°</td>
<td>8-3/4 (222)</td>
<td>9-1/4 (235)</td>
</tr>
<tr>
<td>101° to 130°</td>
<td>7-1/4 (184)</td>
<td>7-3/4 (197)</td>
</tr>
<tr>
<td>131° to 150°</td>
<td>6-1/4 (159)</td>
<td>6-3/4 (171)</td>
</tr>
<tr>
<td>151° to 180°</td>
<td>5-1/4 (133)</td>
<td>5-3/4 (146)</td>
</tr>
</tbody>
</table>

NOTE: Maximum of 16-1/2 turns (360°) of Power Adjustment Nut.
7500H Parallel Arm Installation (Right Hand Shown) continued

5. Place main arm on closer spindle as shown.


7. Set Hold Open.

You've now installed the 7500H Hold Open Closer - Parallel Arm.

Go to page 2 for closer adjustments and cover installation.