9300BCH
Non Handed Door Closer
Regular Arm
Top Jamb Mount
Parallel Arm

**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.

**Hold Open Arm Models**
Sized
(Sizes 3,4)
9303BC-H
9304BC-H

**Included Components**
Closer
Dial Screw
Shoe
Hold Open Arm

Optional Plates
Main Arm Pinion Screw
Main Arm

Legacy Friction Hold Open Arm
Soffit Adapter Plate
9328H Soffit Plate
Used with Parallel Arm Closers Only

**Tools Needed**
Tape Measure
Punch
Pencil
Phillips Screwdriver
Adjustable Wrench

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

**To Identify Your Model:**

<table>
<thead>
<tr>
<th>Size Code</th>
<th>Date Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>9303BC-H</td>
</tr>
<tr>
<td>4</td>
<td>9304BC-H</td>
</tr>
</tbody>
</table>

**To Determine Your Hand of Door:**

Right Hand Reverse

Left Hand Reverse

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

**Regular Arm**
Right Hand Door - RH
Left Hand Reverse - LHR

**Top Jamb Mount**
Right Hand Door - RH
Left Hand Reverse - LHR

**Parallel Arm**
Right Hand Door - RH
Left Hand Reverse - LHR
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 this instruction sheet for installation sequence and closer adjustments only.
- Doors should be hung on ball bearing or anti-friction hinges.
- A separate door stop is recommended.
- Always consult door/frame manufacturer for fastener compatibility.
- Door and frame must be properly reinforced.
- Adjust closing time speed between 3 and 7 seconds from 90° to 0°.
- These door closers should NOT be installed on exposed side (weather side) of exterior doors.
- Dimensions are given in inches (millimeters).

<table>
<thead>
<tr>
<th>Mounting Hardware</th>
<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</td>
<td>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</td>
<td>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>Hollow Metal</td>
<td>9/32&quot; (7.00mm) thru 3/8&quot; (9.50mm) door face opposite to closer</td>
</tr>
<tr>
<td>Closer: Sleeve Nut and Bolt (SNB) (optional)</td>
<td>Aluminum or Wood</td>
<td>3/8&quot; (9.50mm) thru</td>
</tr>
<tr>
<td>Closer: Thru Bolt and Grommet Nut (TBGN) (optional)</td>
<td>All</td>
<td>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

Sweep
Slower
Faster

Latch
Slower
Faster

Backcheck
Stronger
Weaker


top jamb mount

Parallel Arm

Pinion Cap

Do not over tighten cap.

Norton
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ASSA ABLOY, the global leader in door opening solutions
9300BCH Regular Arm Installation (Right Hand Shown)

1. Prepare door and frame.

2. Mount closer to door.

3a. Remove dial from Hold Open arm.

3b. Install arms separately.

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

5. Set Hold Open.

You've installed the 9300BCH Hold Open Closer - Regular Arm.

Go to page 2 for closer adjustments and decorative cap installation.
9300BCH Top Jamb Mount Installation (Right Hand Shown)

1. Prepare door and frame.

2. Mount 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.

You've now installed the 9300BCH Hold Open Closer - Top Jamb Mount.

Go to page 2 for closer adjustments and decorative cap installation.
9300BCH Parallel Arm Installation (Right Hand Shown)

1. Prepare door and frame.

2. Close latch and sweep valves.

3. Remove dial from Hold Open arm.

4. Install soffit plate and mount closer.

5. Install Hold Open arm to plate.

6. Place main arm on closer spindle and rotate.

<table>
<thead>
<tr>
<th>Door Opening</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>To 100°</td>
<td>9-1/4 (235)</td>
<td>7-5/8 (194)</td>
<td>8-5/8 (219)</td>
</tr>
<tr>
<td>101° to 130°</td>
<td>7-3/4 (197)</td>
<td>6-1/8 (156)</td>
<td>7-1/8 (181)</td>
</tr>
<tr>
<td>131° to 180°</td>
<td>5-3/4 (146)</td>
<td>4-1/8 (105)</td>
<td>5-1/8 (130)</td>
</tr>
</tbody>
</table>

* Door/Wall/Hardware/Jamb conditions permitting

IMPORTANT
9300BCH Parallel Arm Installation (Right Hand Shown) continued

7. Remove arm and attach as shown.

8. Open latch and sweep valves.

Do not completely open valves. Valves will leak.

Arm under tension. Keep fingers away from moving parts.


10. Set Hold Open.

Keep door open in position until dial screw secures dial.

You’ve now installed the 9300BCH Hold Open Closer - Parallel Arm.

Go to page 2 for closer adjustments and decorative cap installation.

www.nortondoorcontrols.com

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