

# Non Handed Door Closer - Adjustable

## Hold Open Arm

Regular Arm

Top Jamb Mount

Parallel Arm



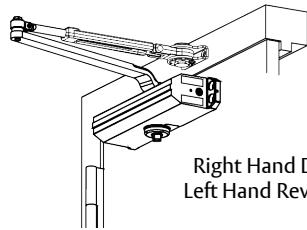
# Installation Instructions

## WARNING

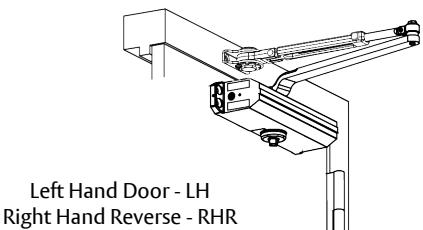
This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov).

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](http://www.P65warnings.ca.gov).

### Regular Arm

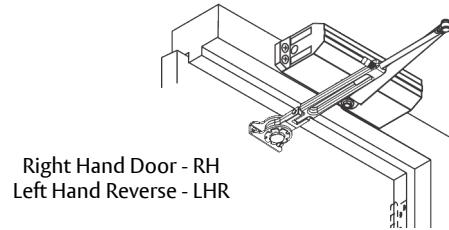


Right Hand Door - RH  
Left Hand Reverse - LHR

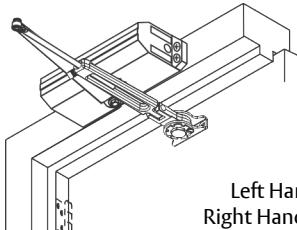


Left Hand Door - LH  
Right Hand Reverse - RHR

### Top Jamb Mount

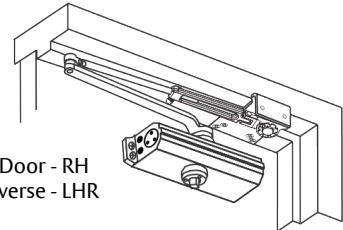


Right Hand Door - RH  
Left Hand Reverse - LHR

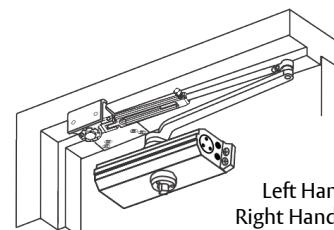


Left Hand Door - LH  
Right Hand Reverse - RHR

### Parallel Arm

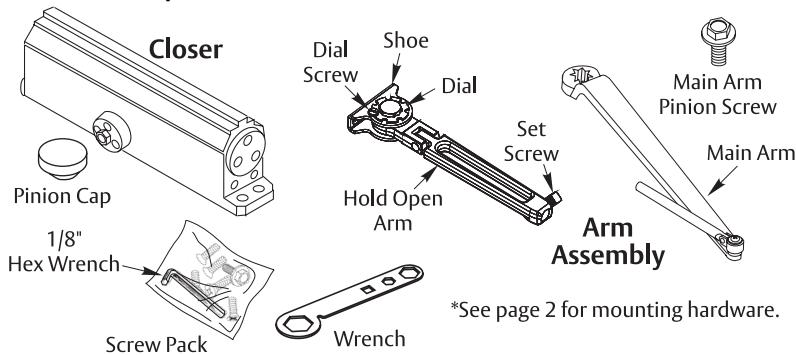


Right Hand Door - RH  
Left Hand Reverse - LHR



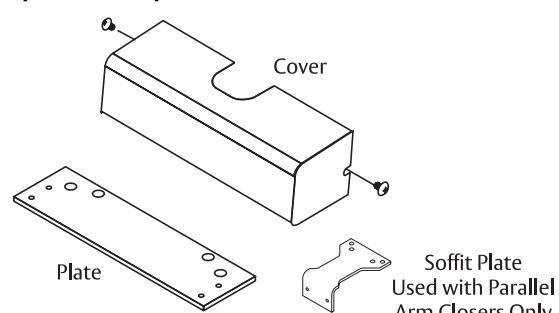
Left Hand Door - LH  
Right Hand Reverse - RHR

### \*Included Components

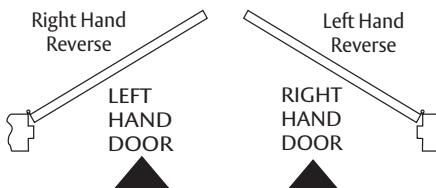


\*See page 2 for mounting hardware.

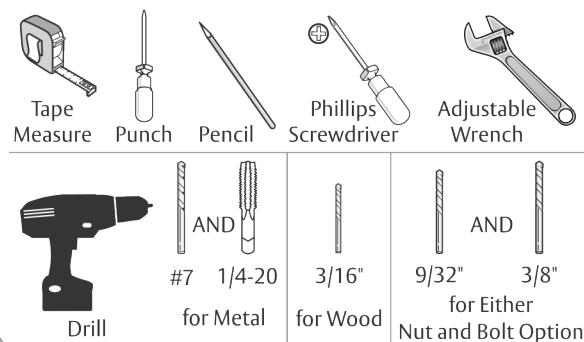
### Optional Components



### To Determine Your Hand of Door:



### Tools Needed



## 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).

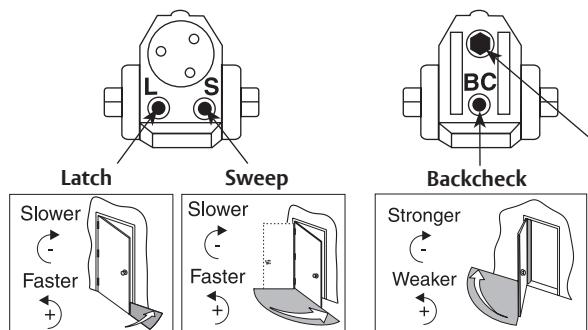
| Mounting Hardware |  | Door or Frame    | Drill   |
|-------------------|--|------------------|---|
|                   | <b>Closer, H/O Shoe or Optional PA Bracket:</b><br>1/4-14 x 1-1/2 Oval Flat Head Mach. Screw | Wood             | 3/16" (4.76mm)  |
|                   | <b>Closer, H/O Shoe or Optional PA Bracket:</b><br>1/4-20 x 3/4 Oval Flat Head Mach. Screw   | Metal            | Drill #7 (.201 dia. or 5.10mm)<br>Tap 1/4-20  |
|                   | <b>H/O Shoe to Optional PA Bracket:</b><br>1/4-20 x 1/2 Oval Flat Head Mach. Screw           | Hollow Metal     | 9/32" (7.00mm) thru<br>3/8" (9.50mm) door face opposite to closer                               |
|                   | <b>Closer:</b><br>Sleeve Nut and Bolt (SNB)<br>(optional)                                    | Aluminum or Wood | 3/8" (9.50mm) thru  |
|                   | <b>Closer:</b><br>Thru Bolt and Grommet Nut (TBGN)<br>(optional)                             | All              | 9/32" (7.00mm) thru<br>3/8" (9.50mm) dia. x 3/8" (9.50mm) deep,<br>door face opposite to closer |

## 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 chart. **Do not use a power drill.** Warranty will be void.



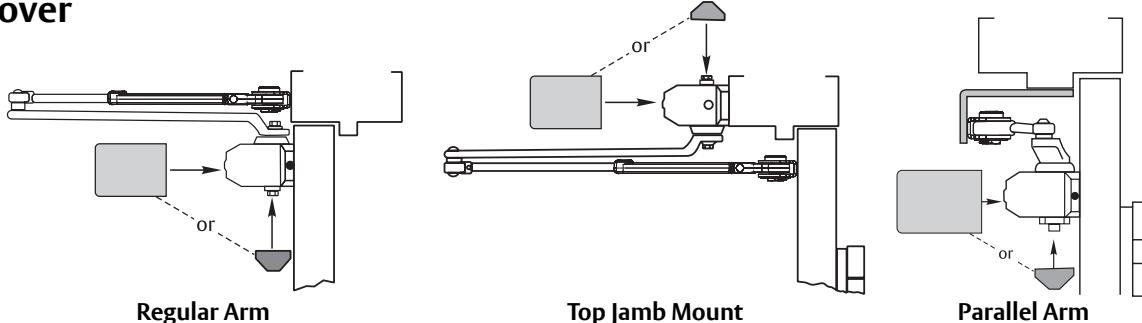
| DOOR     | TYPE OF INST.        | *               | MAXIMUM DOOR SIZE |             |             |             |             |
|----------|----------------------|-----------------|-------------------|-------------|-------------|-------------|-------------|
|          |                      |                 | 34" (0.85M)       | 36" (0.90M) | 40" (1.00M) | 44" (1.10M) | 48" (1.20M) |
| INTERIOR | Regular Arm Top Jamb | FULL 360° TURNS | 2                 | 4           | 6           | 10          | 12          |
|          | Parallel Arm         |                 | 3                 | 5           | 8           | 11          | 14          |
| EXTERIOR | Regular Arm Top Jamb | FULL 360° TURNS | 3                 | 5           | 8           | 11          | 14          |
|          | Parallel Arm         |                 | 5                 | 8           | 11          | 16          | 19          |

\*30 FULL (360°) TURNS MAXIMUM AVAILABLE = 8 TURNS AS SHIPPED

## Pinion Cap or Cover

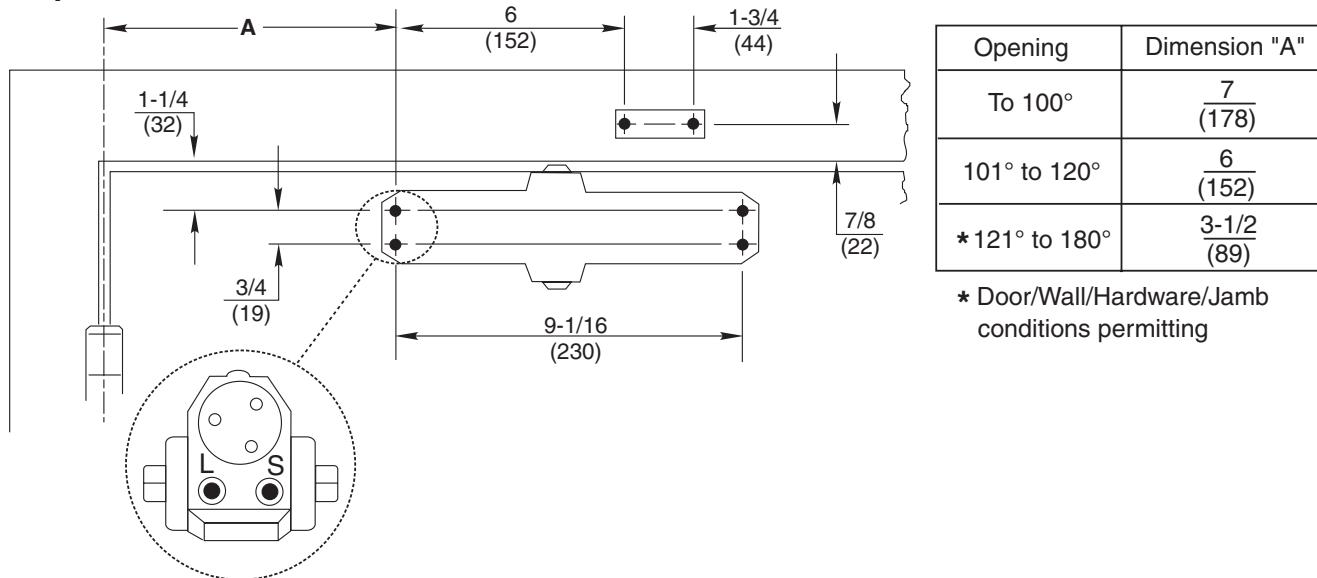


Do not over tighten cap or cover screws.

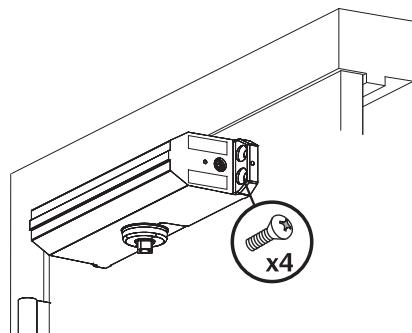


## Regular Arm Installation (Right Hand Shown)

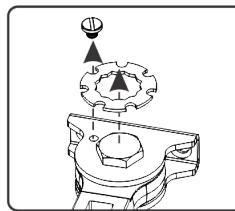
### 1. Prepare door and frame.



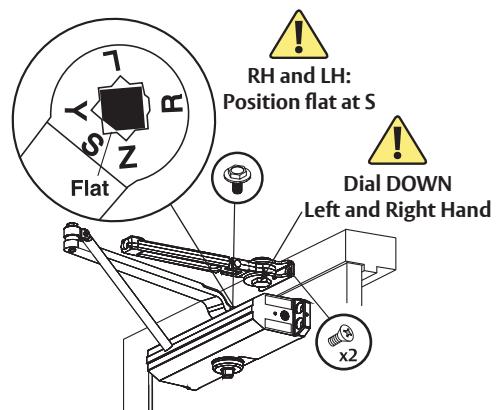
### 2. Mount closer to door.



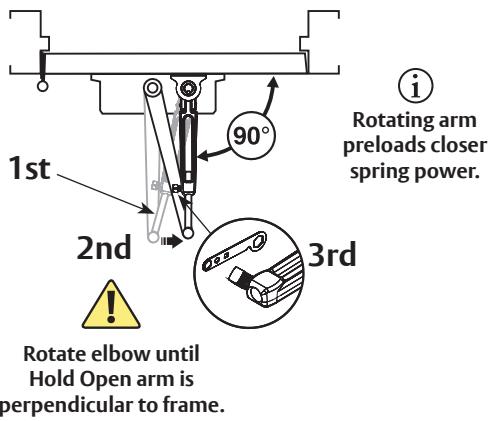
### 3a. Remove dial from Hold Open arm.



### 3b. Install separate arms.



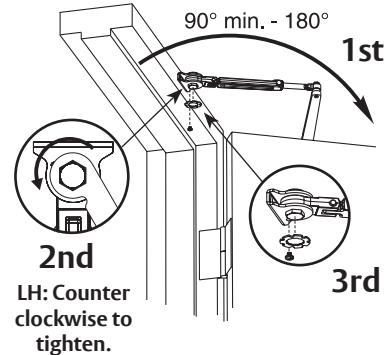
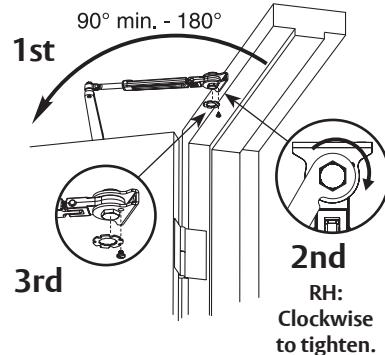
### 4. Connect arms, preload spring and tighten set screw.



### 5. Set Hold Open.



Keep door open in position until dial screw secures dial.

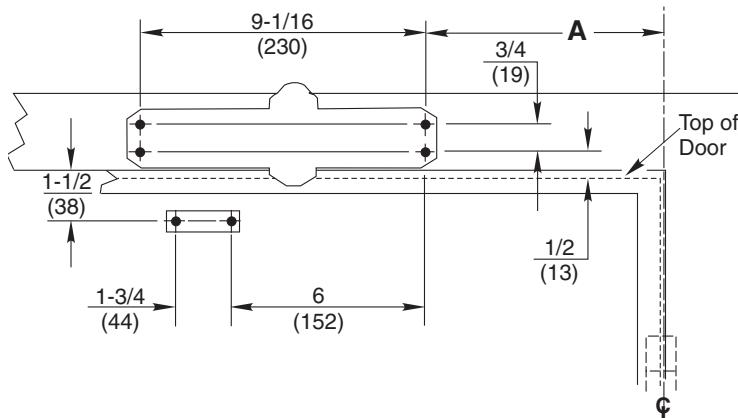


You've installed Hold Open Closer - Regular Arm.

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

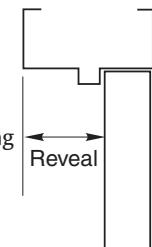
## Top Jamb Mount Installation (Right Hand Shown)

### 1. Prepare door and frame.



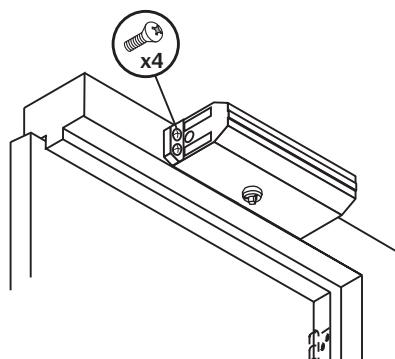
| Opening       | Dimension "A" |
|---------------|---------------|
| To 100°       | 7-1/2 (191)   |
| 101° to 120°  | 6 (152)       |
| *121° to 180° | 3-1/2 (89)    |

\* Door/Wall/Hardware/Jamb conditions permitting

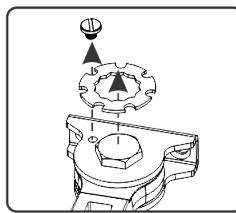


A longer connecting rod is required for reveals greater than 3" (76)

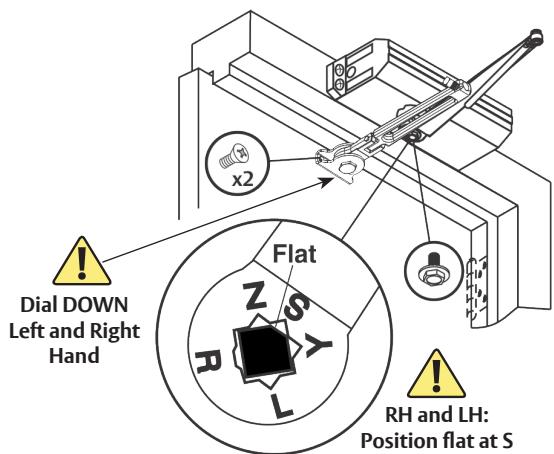
### 2. Mount closer to frame.



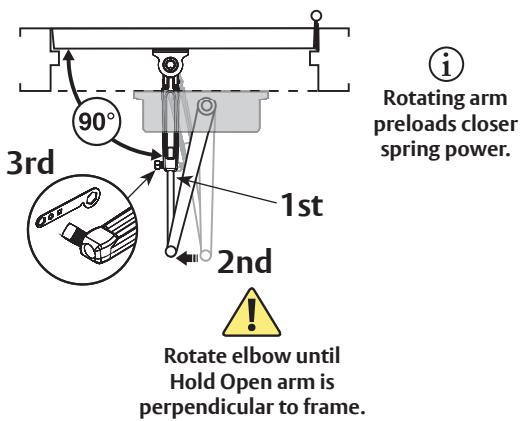
### 3a. Remove dial from Hold Open arm.



### 3b. Install separate arms.

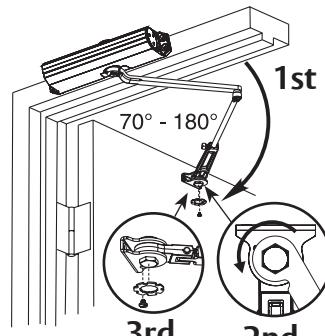


### 4. Connect arms, preload spring and tighten set screw.

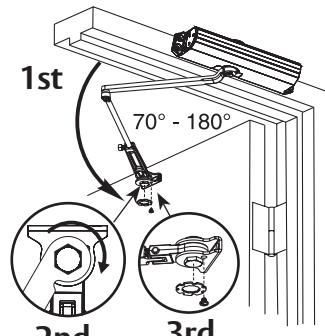


### 5. Set Hold Open.

**!** Keep door open in position until dial screw secures dial.



3rd  
2nd  
1st  
LH: Counter clockwise to tighten.



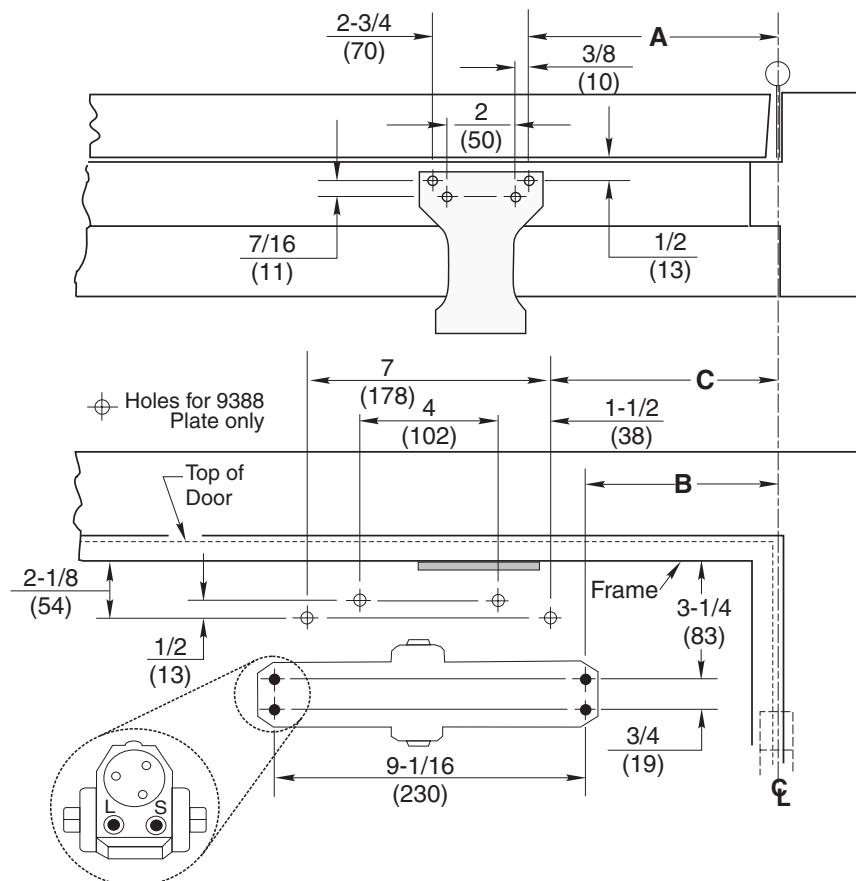
3rd  
2nd  
1st  
RH: Clockwise to tighten.

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

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

## Parallel Arm Installation (Right Hand Shown)

### 1. Prepare door and frame.



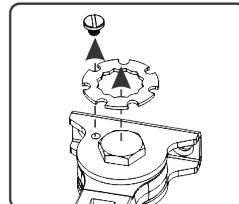
| Door Opening                 | A             | B             | C             |
|------------------------------|---------------|---------------|---------------|
| To $100^\circ$               | $9-1/4$ (235) | $7-5/8$ (194) | $8-5/8$ (219) |
| $101^\circ$ to $130^\circ$   | $7-3/4$ (197) | $6-1/8$ (156) | $7-1/8$ (181) |
| * $131^\circ$ to $180^\circ$ | $5-3/4$ (146) | $4-1/8$ (105) | $5-1/8$ (130) |

\* Door/Wall/Hardware/Jamb conditions permitting

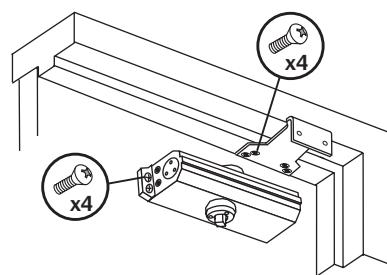
### 2. Close latch and sweep valves.



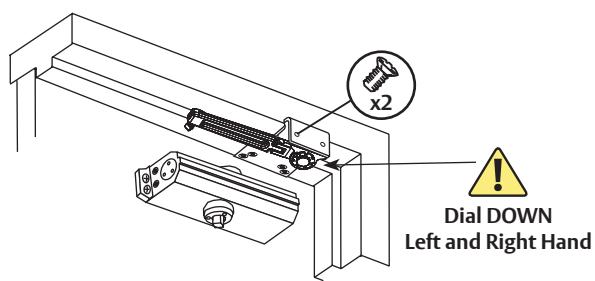
### 3. Remove dial from Hold Open arm.



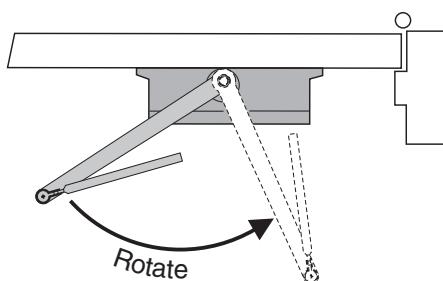
### 4. Install soffit plate and mount closer.



### 5. Install Hold Open arm to plate.

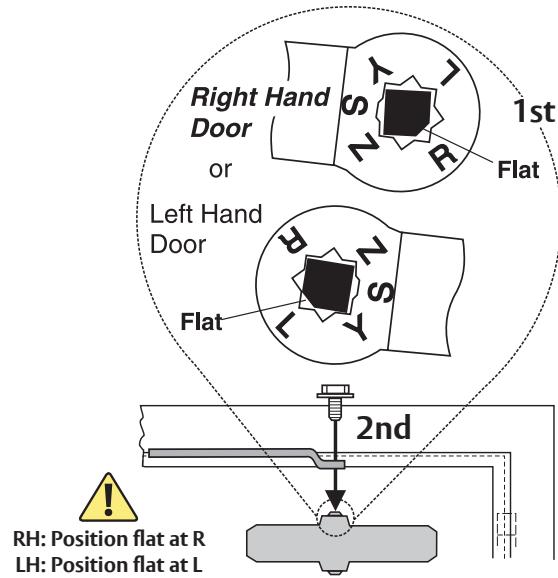


### 6. Place main arm on closer spindle and rotate.

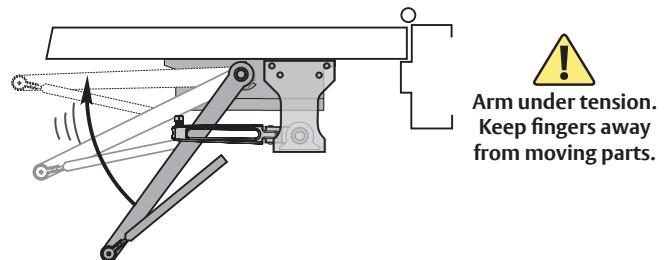
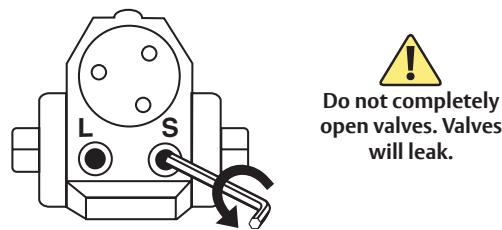


## Parallel Arm Installation (Right Hand Shown) continued

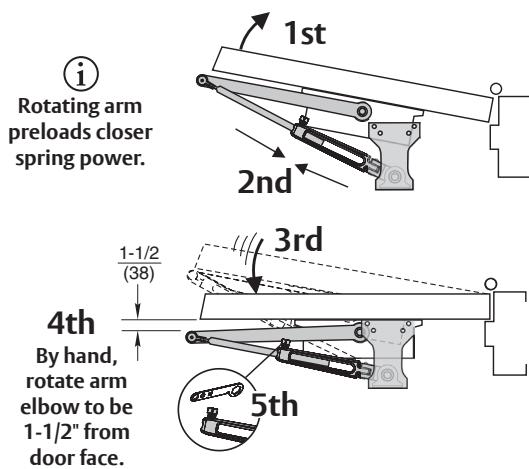
### 7. Remove arm and attach as shown.



### 8. Open latch and sweep valves.

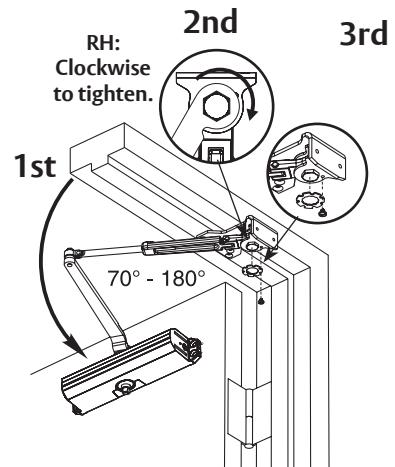
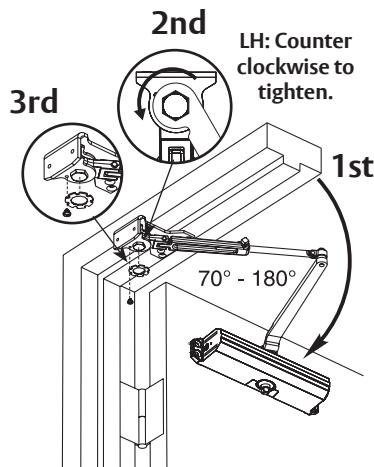


### 9. Connect arms, preload spring and tighten set screw.



### 10. Set Hold Open.

Keep door open in position until dial screw secures dial.



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

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