

- These door closers should NOT be installed on the exposed side (weather side) of exterior doors.




## 1. PARTS


2. MARK AND DRILL HOLES (Right Hand Shown)

5. INSTALL MAIN ARM


Use adjustable wrench to rotate spindle $45^{\circ}$ counterclockwise for Right Hand Door or clockwise for Left Hand Door. Place main arm on spindle so that the "R" (Right Hand Door) or "L" (Left Hand Door) lines up with the spindle flat. Secure main arm and spindle by tightening spindle bolt.

## 6. INSTALL MAIN ARM AND CONNECTING ROD

a)


Slide connecting rod into forearm of main arm.

b)

c)


Rotate main arm until the pivot point is 1-1/2" from door surface.
While holding arm in this position, tighten down forearm screw.

| 7. OPTIONAL HOLD-OPEN ARM | 8. ADJUSTMENTS | 9. INSTALL COVER / PINION CAP |
| :---: | :---: | :---: |
| Identify direction of hold-open nut according to hand of door and mount arm. <br> Adjust by loosening hold-open nut, then open door to desired position and tighten hold-open nut securely. | See Adjustments on Page 6 for setting Spring Power, Sweep Speed, Latch Speed, and Backcheck. <br> NOTE: Do not fully unscrew valves or hydraulic fluid will leak and closer will no longer be functional. |  |

5300 Series Door Closer - Top Jamb Arm Installation Instructions

I-CL00859

## 1. PARTS



I-CL00859

## ADJUSTMENTS (USE 5/32" HEX WRENCH FOR THESE ADJUSTMENTS)



Note: Adjust closing time speed to between 3 and 7 seconds from $90^{\circ}$ to $0^{\circ}$. Greater closing times may be required for elderly or handicapped.


Adjust latch speed so door completely closes and latches.


Adjust backcheck accordingly to prevent excessive opening speed.

## OPTIONAL DELAY ACTION



Adjust delay action accordingly to obtain desired delay time.

## SPRING POWER ADJUST (Sizing in accordance to BHMA/ANSI 156.4)

TABLE OF SIZES
Closer is shipped set to size 3. To change the closer size, use a hex wrench to rotate the spring power adjust. Follow the chart to make the correct numbers of $360^{\circ}$ turns to set the closer size appropriately for the door application.

The number of turns is an approximation and does not account for environmental or door hardware affects.

$$
\begin{gathered}
\text { Approx. } 5 \text { turns to } \\
\text { increase / decrease one size. } \\
\text { cw }=\text { clockwise } \\
\text { ccw }=\text { counterclockwise }
\end{gathered}
$$

Exterior (and Vestibule) Door Width


| Interior Door Width |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Minimum Door Width (24") |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Regular Arm \& Top Jamb | $\left\|\begin{array}{c} \text { Size } 1 \\ (10 \mathrm{ccw}) \end{array}\right\|$ | Size 2 (5ccw) | Size 3 <br> (0) | Size 4 (5cw) | $\begin{gathered} \text { Size } 5 \\ (10 \mathrm{cw}) \end{gathered}$ | $\begin{array}{\|c} \text { Size } 6 \\ (15 \mathrm{cw}) \end{array}$ |
| Parallel Arm | Size 1 (5ccw) | Size 2 <br> (0) | Size 3 <br> (5cw) | Size 4 <br> (10cw) | $\begin{gathered} \text { Size } 5 \\ (15 \mathrm{cw}) \end{gathered}$ |  |



