## Push Arm Installation

1a  Install the header and door bracket using the appropriate template.

1b  Using the appropriate chart, measure and cut the exact length required for the threaded rod. Threaded rod length is determined by measuring the reveal dimension (in inches) from the surface of the door to which the arm is attached to the back surface of the header. Using the horizontal scale (calibrated in inches and quarter inches), follow the vertical line of the reveal dimension upwards until it intersects the slanted line. Reading to the left of the vertical scale will determine the exact length (between centers of the turnbuckles) of threaded rod required. DO NOT CUT THE THREADED ROD FROM THE END WITH THE HOLE!

† NOTE: The operator spindle is normally at the full breakout position (-90°). The arm must be attached to the spindle at the full open position (+90°).

1c  Turn on power to the operator and momentarily short the activation wires together. The spindle will begin to slowly rotate to the open position. When the spindle stops rotating, momentarily short the activation wires together again. Continue this process until the spindle has reached the full open position (+90°).

1d  Once the spindle is at the full open position (+90°), wire nut the activation wires together.

1e  Install the spindle adapter into the arm as required. (See appropriate template.)

1f  Install the arm onto the spindle at the full open position (+90°) and tighten cap screw.

1g  Screw the threaded rod into the turnbuckles.

1h  Remove the wire nut from the activation wires.

1i  Connect activation wires to activation device.

1j  Test door operation.

1k  If no further adjustments are needed, secure the arm by installing the washer and screw.
Installation Template Offset Pivoted or Butt Hinged Doors

FOR SURFACE APPLIED OPERATORS WITH PUSH ARMS
ON OFFSET PIVOTED OR BUTT HINGED DOORS

10" MAX. REVEAL POSSIBLE
WITH STANDARD LINK SUPPLIED

MINIMUM REVEAL
IS 1-1/8"

REVEAL DEPTH IN INCHES
0 1 2 3 4 5 6 7 8 9 10

SECONDARY LINK LENGTH
IN INCHES
0 1 2 3 4 5 6 7 8 9 10

10" MAX. REVEAL POSSIBLE
WITH SPECIAL EXTENDED LINK

20" MAX. REVEAL POSSIBLE
WITH SPECIAL EXTENDED LINK

NOTE:
1. ADAPTER IS FACTORY
INSTALLED SO THAT SLOT
IS TWO NOTCHES OFF OF
CENTERLINE AS SHOWN.
2. RE-ALIGN ADAPTER SO
THAT SLOTS LINE UP.
Installation Template 2 3/4" Center Pivoted Doors

**NOTE:**
1. Slot in adapter is factory installed two notches off center line as shown. This works for all std. applications.
2. Slots should never be misaligned more than five notches either way.

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**FOR SURFACE APPLIED OPERATORS WITH PUSH ARMS ON 2-3/4" CENTER PIVOTED DOORS**

- 8" max. reveal possible with standard link supplied.
- Min. reveal is 1".

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- 20" max. reveal possible with special extended link.
Installation Template 3 3/4" Center Pivoted Doors

NOTE:
1. SLOT IN ADAPTER IS FACTORY INSTALLED TWO NOTCHES OFF CENTER LINE AS SHOWN. THIS WORKS FOR ALL STD. APPLICATIONS.
2. SLOTS SHOULD NEVER BE MIS-ALIGNED MORE THAN FIVE NOTCHES EITHER WAY.

FOR SURFACE APPLIED OPERATORS WITH PUSH ARMS ON 3-3/4" CENTER PIVOTED DOORS

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