

Regular Arm Installation

Parts

Mark and Drill Holes

Opening	Dimension "A"
To 100°	8-1/32" (204mm)
To 120°	7" (178mm)
To 180°	4-1/2" (115mm)

Inches (mm) RIGHT HAND DOOR SHOWN LEFT HAND OPPOSITE.

Installation Sequence

Left hand Nut Down

Pinion Dimple

90° E

Warning: If you have an existing application where the friction on the hold-open arm is not sufficient to hold the door in place at the required opening angle please reset hold-open following the instructions above.

Set Hold Open

90°-160°

90° min

Top Jamb Mount Installation

Parts

Mark and Drill Holes

Opening	Dimension "A"
To 100°	8-1/32" (204mm)
To 120°	7" (178mm)
To 180°	4-1/2" (115mm)

Inches (mm) LEFT HAND DOOR SHOWN RIGHT HAND OPPOSITE.

Installation Sequence

90° E

Pinion Dimple

Left hand Nut Up

Set Hold Open

70°-160°

Parallel Arm Installation

Parts

Mark and Drill Holes

Opening	Dimension	
	A	B
To 100°	9-1/4" (235mm)	8-5/8" (220mm)
To 120°	7-3/4" (197mm)	7-3/16" (182mm)
To 180°	5-3/4" (146mm)	4-1/8" (105mm)

Inches (mm) RIGHT HAND DOOR SHOWN LEFT HAND OPPOSITE.

Installation Sequence

1. Close latch and sweep valves.
2. Install bracket and closer.
3. Install Hold Open arm to bracket.

Installation Sequence

4. Place main arm on closer spindle and rotate.
5. Remove arm and attach as shown.

Rotate

Left Hand Door Right Hand Door

Pinion Dimple Top View Pinion Dimple

Set Hold Open 70°-160°

Left Hand Nut Down Right Hand Nut Up

Down Up

Installation Sequence

6. Open latch and sweep valves.
7. Installation Sequence.

Arm under tension. Keep fingers away from moving parts.

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6. Open latch and sweep valves.

7. Installation Sequence.

1. Determine the required opening angle and hold-open position, and mount closer as per template

2. Verify direction of hold-open nut as per the handing of the opening

3. Loosen the hold open nut

4. Open the door to 5 degrees less than the desired degree of hold-open

5. Tighten the nut securely

6. Push door open to engage hold-open

Latch Sweep

Caution: Don't completely close valve.

Regular Arm Installation

Parts

Mark and Drill Holes

Opening	Dimension "A"
To 100°	7-1/2" (191mm)
To 130°	6" (152mm)
To 180°	4-1/2" (114mm)

Inches (mm) RIGHT HAND DOOR SHOWN LEFT HAND OPPOSITE.

Installation Sequence

Left hand Nut Down

If you have an existing application where the friction on the hold-open arm is not sufficient to hold the door in place at the required opening angle please reset hold-open following the instructions above.

Set Hold Open

90°-160°

Top Jamb Mount Installation

Parts

Mark and Drill Holes

Opening	Dimension "A"
To 100°	7-1/2" (191mm)
To 130°	6" (152mm)
To 180°	4-1/2" (114mm)

Inches (mm) LEFT HAND DOOR SHOWN RIGHT HAND OPPOSITE.

Installation Sequence

Left hand Nut Up

Set Hold Open

70°-160°

Parallel Arm Installation

Parts

Mark and Drill Holes

Opening	Dimension	
	A	B
To 120°	9-1/2" (241mm)	3-3/4" (95mm)
To 180°	7" (178mm)	1-1/4" (32mm)

Inches (mm) RIGHT HAND DOOR SHOWN LEFT HAND OPPOSITE.

Installation Sequence

1. Close latch and sweep valves.
2. Install bracket and closer.
3. Install Hold Open arm to bracket.

4. Place main arm on closer spindle and rotate.

7. Installation Sequence.

Set Hold Open 70°-160°

Left Hand Nut Down Right Hand Nut Up

Down Up

5. Remove arm and attach as shown.

Left Hand Door Right Hand Door

Pinion Dimple Top View Pinion Dimple

6. Open latch and sweep valves.

Arm under tension. Keep fingers away from moving parts.

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Arm under tension. Keep fingers away from moving parts.

1. Determine the required opening angle and hold-open position, and mount closer as per template
 2. Verify direction of hold-open nut as per the handing of the opening
 3. Loosen the hold open nut
 4. Open the door to 5 degrees less than the desired degree of hold-open
 5. Tighten the nut securely
 6. Push door open to engage hold-open

Latch Sweep

Caution: Don't completely close valve.