

J1600 UniTrol® Non Handed Door Closer Top Jamb Mount

Sized
(Sizes 3,4)
UNI-J1603BC (H)
UNI-J1604BC (H)

Adjustable
(Sizes 1-6)
UNI-J1601 (H)



Norton®

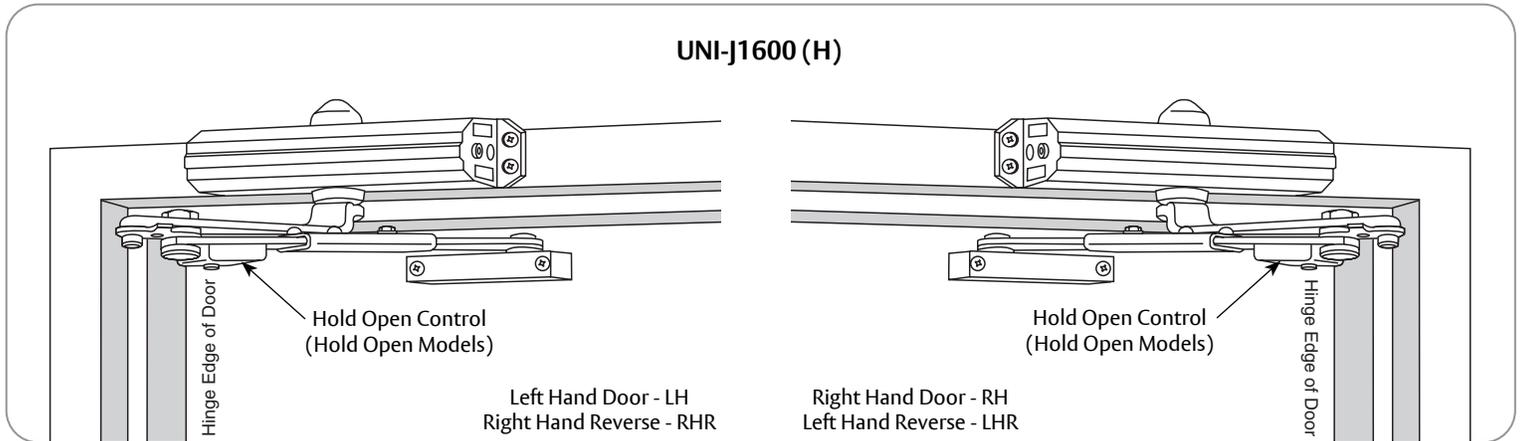
ASSA ABLOY

Non Hold Open (UL Listed) Hold Open (H) (Not UL Listed)

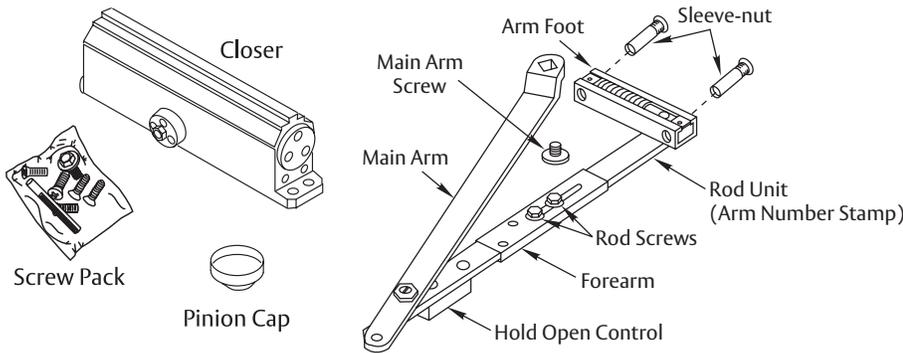
⚠ WARNING

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.

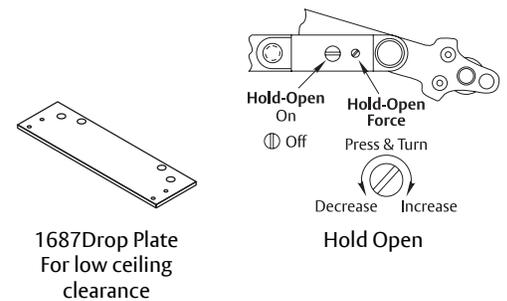
Ce produit peut vous exposer au plomb qui, dans l'état de la Californie, est reconnu pour causer le cancer, des anomalies congénitales ou d'autres problèmes de reproduction. Pour plus d'informations, visitez: www.P65warnings.ca.gov.



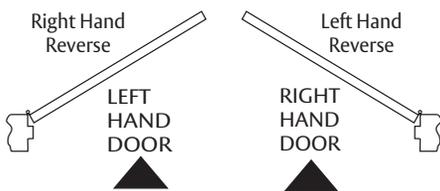
Included Components (See page 2 for mounting hardware)



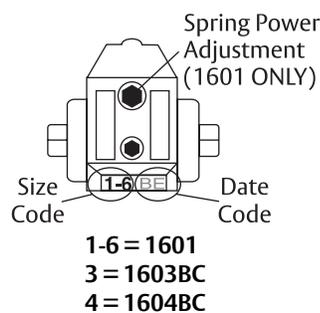
Optional Components



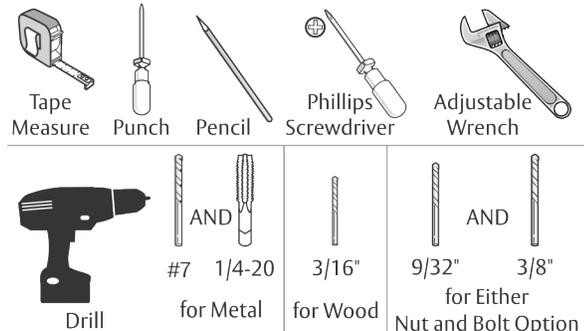
To Determine Your Hand of Door:



To Identify Your Model:



Tools Needed



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.
- Door and frame must be properly reinforced.
- Always consult door/frame manufacturer for fastener compatibility.
- Adjust closing time speed between 4 and 7 seconds from 90° to 0°. Use of door by handicapped, elderly or small children may require greater closing time.
- 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
	Closer: 1/4-14 x 1-1/2 Oval Flat Head Mach. Screw	Wood	3/16" (4.76mm)
	Closer: 1/4-20 x 3/4 Oval Flat Head Mach. Screw	Metal	Drill #7 (.201 dia. or 5.10mm) Tap 1/4-20
	Arm Foot: Sleeve Nut and Bolt (SNB)	Hollow Metal	9/32" (7.00mm) thru 3/8" (9.50mm) door face opposite to closer
		Aluminum or Wood	3/8" (9.50mm) thru
	Arm Foot: Thru Bolt and Grommet Nut (TBGN) (optional)	All	9/32" (7.00mm) thru 3/8" (9.50mm) dia. x 3/8" (9.50mm) deep, door face opposite to closer

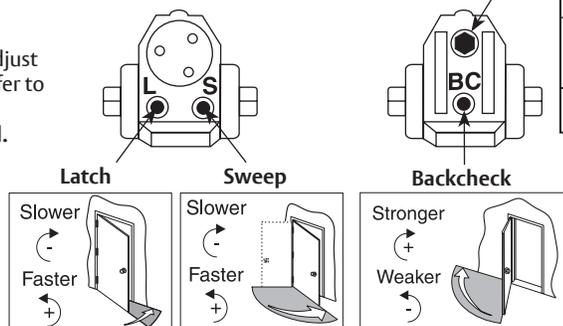
Closer Adjustments



Use provided 1/8" hex wrench to turn valves.
NEVER force valves out of closer.
NEVER completely close backcheck valve. Backcheck is not a positive stop.

Door must be open to adjust spring closing power. Refer to chart.

Do not use a power drill.
Warranty will be void.

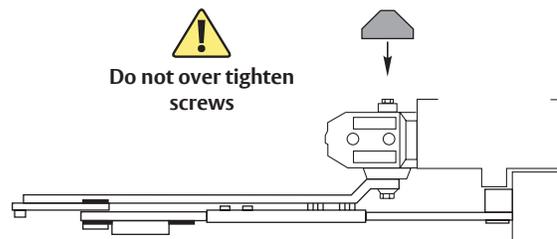


Power Adjustment Chart							
DOOR	Top Jamb	*	MAXIMUM DOOR SIZE				
			34" (0.85 m)	36" (0.9 m)	40" (1 m)	44" (1.1 m)	48" (1.2 m)
INT	1601	FULL 360° TURNS OF POWER ADJUSTMENT SHAFT	2	4	6	10	12
EXT			3	5	8	11	14

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

Pinion Cap

Screw pinion cap onto pinion shaft by hand or with a Phillips screwdriver.



J1600 UniTrol Arm - Top Jamb Mount Installation (Right Hand Shown)

1. Prepare door and frame.

Notes:



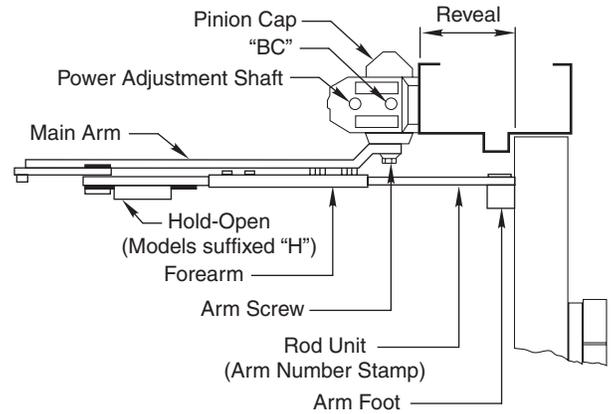
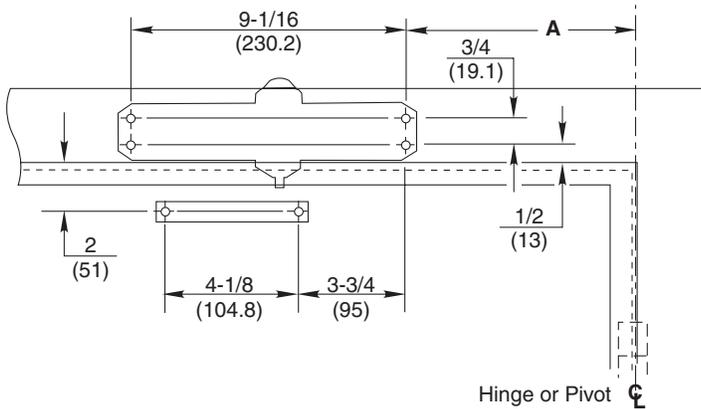
IMPORTANT: Installation instructions cover either non hold open or hold open models.

2. If ceiling clearance is between 1-3/4" and 2-5/8" (44 - 67mm), use 1687 Drop Plate. Prepare door and frame accordingly.
3. Using dimensions for hold-open or stop angle desired, mark and drill
 - Four (4) holes on frame face for closer (or drop plate)
 - Two (2) holes on door for arm foot
4. UNI1601 ONLY: Set approximate closing power using "Spring Power Adjustment" chart on page 2.

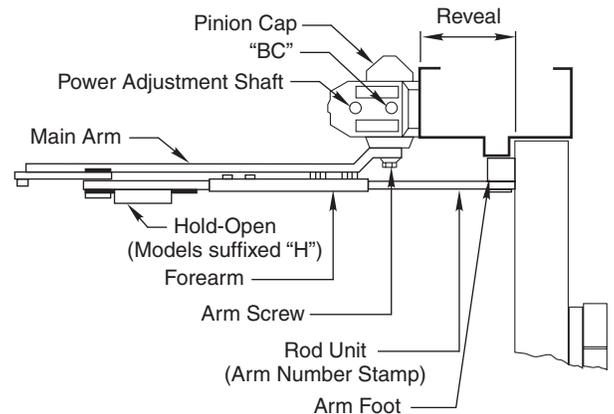
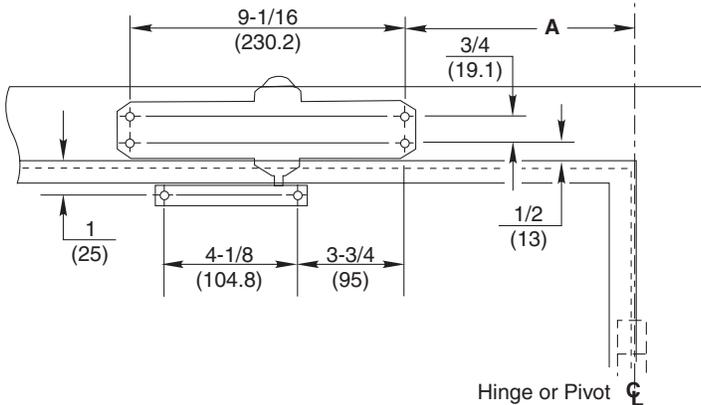
Opening		Dimension A
Hold Open	Stop	Inches (mm)
85°	90°	9-1/8 (232)
90°	95°	8-3/8 (213)
95°	100°	7-3/4 (197)
100°	105°	7-3/8 (187)
105°	110°	6-3/4 (171)
110°	115°	6-1/2 (165)

Arm Identification (Stamped on Arm)		
Reveal	Non Hold Open	Hold Open
0" - 3/8" (0 - 10mm)	J6600-4	J6600-7
1/2" - 2" (13 - 50mm)	J6200-4	J6200-7
2-1/8" - 3-1/4" (55 - 83mm)	J6100-4	J6100-7
3-3/8" - 4-1/4" (85 - 108mm)	J6400-4	J6400-7
4-3/8" - 5-3/8" (111 - 137mm)	J6500-41	J6500-71
5-1/2" - 6-3/8" (140 - 162mm)	J6500-42	J6500-72
6-1/2" - 7-3/8" (165 - 187)	J6500-43	J6500-73

Hollow Metal or Wood Openings Template

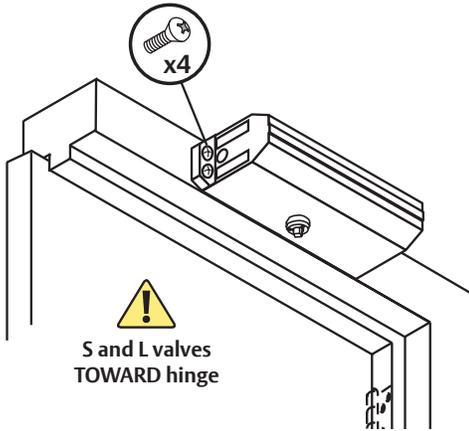


Aluminum Openings Template

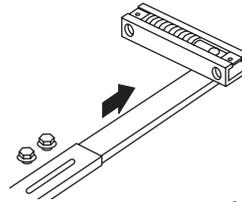


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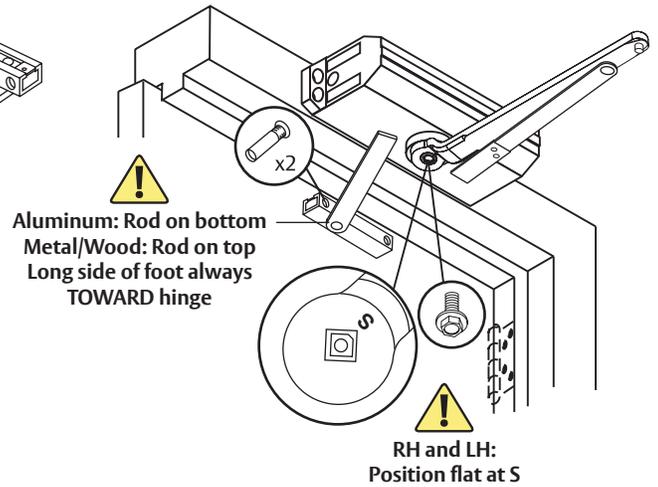
2. Mount closer.



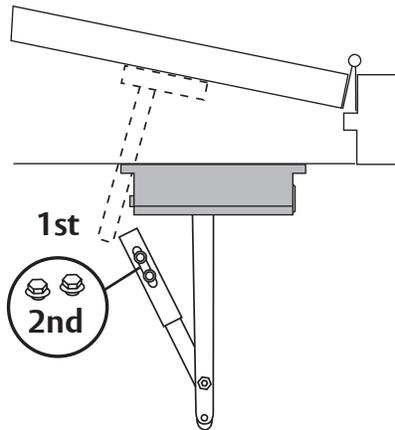
3a. Remove rod unit from slide unit.



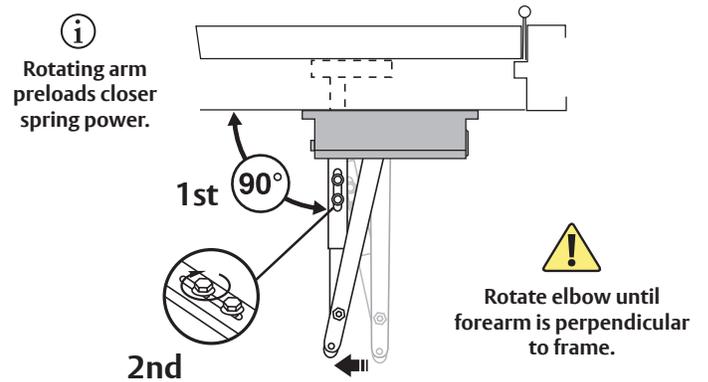
3b. Install separate arms.



4. Connect arms and install rod screws.



5. Preload spring and tighten rod screws.



You've now installed the **1600 UniTrol Arm Closer - Top Jamb Mount.**

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

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