

# JS7500

## Non Handed Door Closer

Top Jamb Mount  
With or without DA suffix (delayed action)  
With or without M suffix (metal cover)

## Non Hold Open Arm Models

Adjustable  
(Sizes 1-6)



**NORTON  
RIXSON**

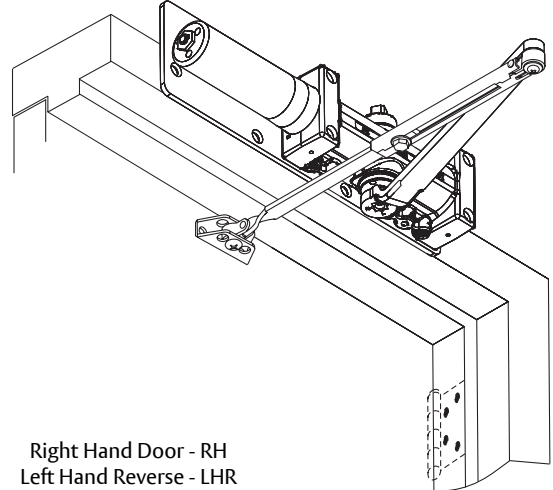
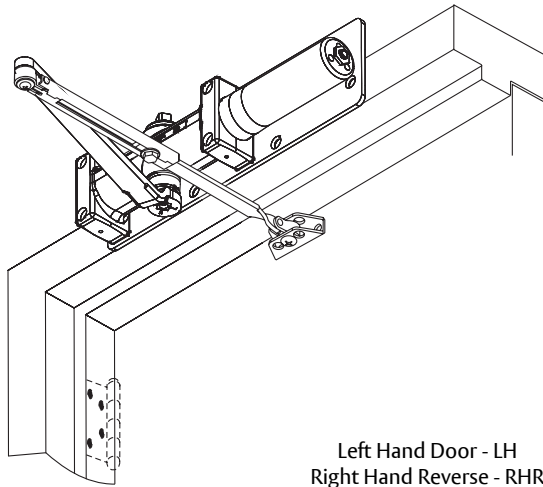
**ASSA ABLOY**

### ⚠ WARNING

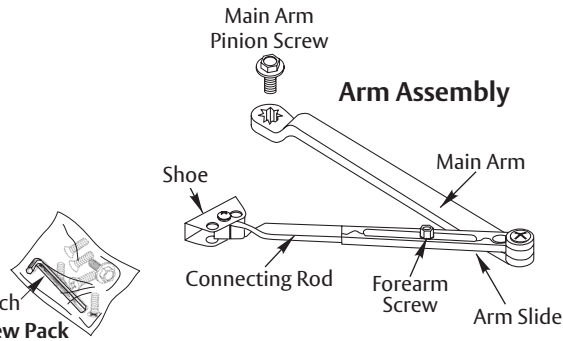
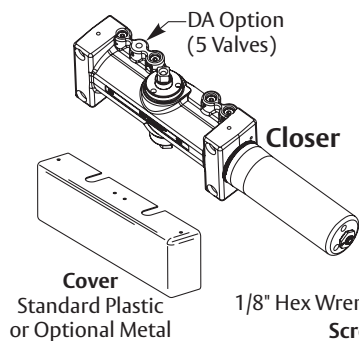
This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov).

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).

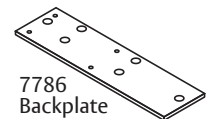
### Top Jamb Mount shown on 2" frame face with optional 7786 backplate (sold separately)



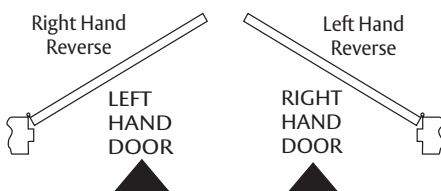
### Included Components (See page 2 for mounting hardware)



### Optional Components

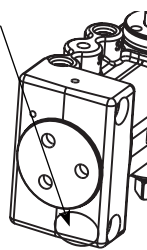


### To Determine Your Hand of Door:



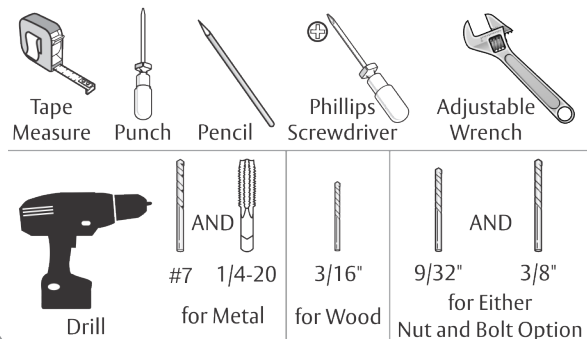
### To Identify Your Model:

Older models may be stamped "1-6", "1-4" or "2-6". They can be replaced with a newer "1-6" model which has no stamp.



Standard S7500 = 4 valves  
Delayed Action S7500DA = 5 valves







### Tools Needed



**ATTENTION:**

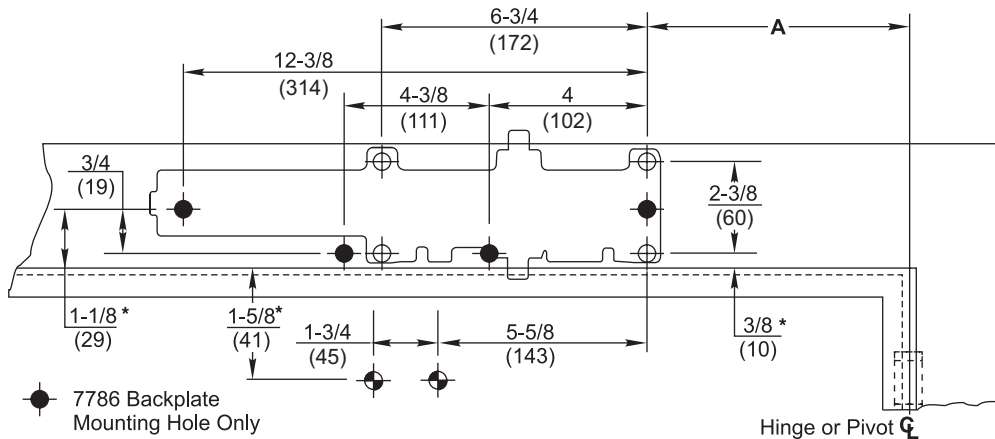
An incorrectly installed or improperly adjusted door closer can cause property damage or personal injury. These installation instructions should be followed to avoid the possibility of misapplication or misadjustment.

- For special applications, a separate door and frame preparation template is packed with these instructions. Use these instructions for installation sequence and closer adjustments only.
- 7500 Series closing force is adjustable from 1-6 as outlined in ANSI Standard A156.4. When closer is adjusted to conform to ADA reduced opening force requirements (5 lbs max.) for interior doors, it may not have adequate closing force to reliably close and latch door. Charted power adjustments in instructions are recommended where possible, to ensure proper door control.
- 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 - 7 seconds from 90° - 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
	<b>Arm Shoe:</b> 1/4-14 x 1-1/2 Flat Head Self Drilling Screw	Wood	3/16" (4.76mm)
		Aluminum or Metal	no drill required
	<b>Closer:</b> 1/4-14 x 3 Flat Head Self Drilling Screw	Wood	3/16" (4.76mm)
		Aluminum or Metal	no drill required
	<b>Arm Shoe:</b> 1/4-20 x 1-1/2 Oval Head Machine Screw	Metal	Drill #7 (.201 dia. or 5.10mm) Tap 1/4-20
	<b>Closer:</b> 1/4-20 x 3 Flat Head Machine Screw		
	<b>Closer or Arm Shoe:</b> Sleeve Nut and Bolt (SNB) (optional)	Hollow Metal	9/32" (7.00mm) thru 3/8" (9.50mm) door face opposite to closer
		Aluminum or Wood	3/8" (9.50mm) thru
	<b>Closer or Arm Shoe:</b> Thru Bolt and Grommet Nut (TBGN) (optional)	All	9/32" (7.00mm) thru 3/8" (9.50mm) dia. x 3/8" (9.500mm) deep, door face opposite to closer
Sex bolts required for wood or plastic faced fire door mounting. Hollow metal doors require channel or box type reinforcement when thru bolt mount is specified. Minimum thickness recommended for reinforcements in hollow metal doors and frames: .146" (2.66mm) unless otherwise specified.			

# JS7500 Top Jamb Mount Installation (Right Hand Shown)

## 1. Prepare door and frame.



Opening	Dimension A inches (mm)
To 100°	7-5/8 (194)
101° to 120°	6-5/8 (168)
121° to 150°	4-5/8 (117)
151° to 180°	4-1/8 (105)

### NOTES:

1. This template for use with standard butt hinges or 3/4 offset pivots. For all other hardware, please consult factory for template.

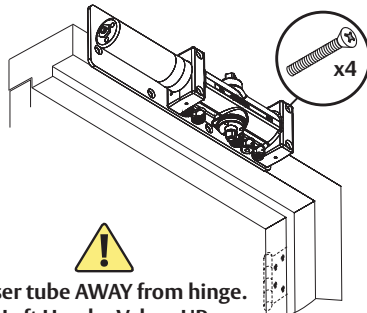
2. Maximum width hinge for this template is 5" (127mm).

3. Optional backplate is not required on 4" (102mm) frame face.

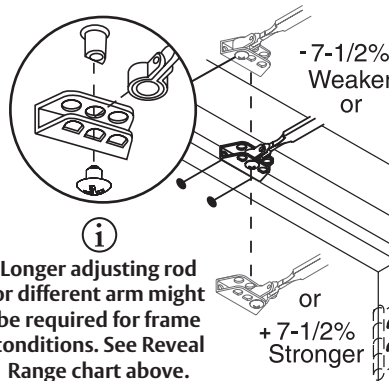
\* Always use frame or transom rabbet as reference plane, not bottom of stop.

Reveal Range	Door Swing	Model	Complete Arm	Adjusting Rod
Under 3" (76)	180°	7500	7701-1	7701-11
3" to 4-1/4" (76 to 108)	180°	J7500	7701-1A	7701-11A
4-1/4" to 6-7/8" (108 to 175)	150°	J7500	7701-1A	7701-11A
4-1/4" to 6-7/8" (108 to 175)	180°	JL7500	7701-1B	7701-11B

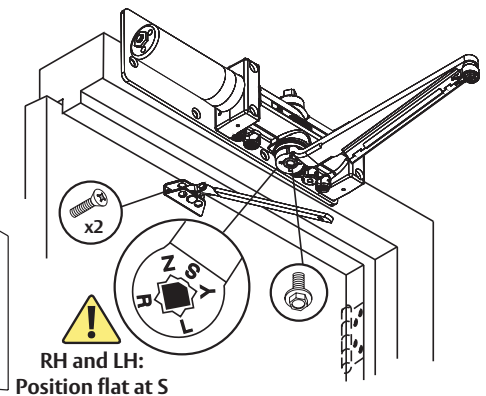
## 2. Mount optional backplate and/or closer to frame.



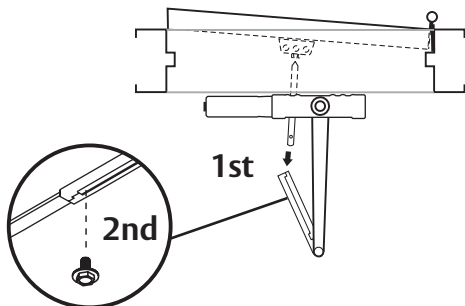
## 3a. Choose arm placement in shoe.



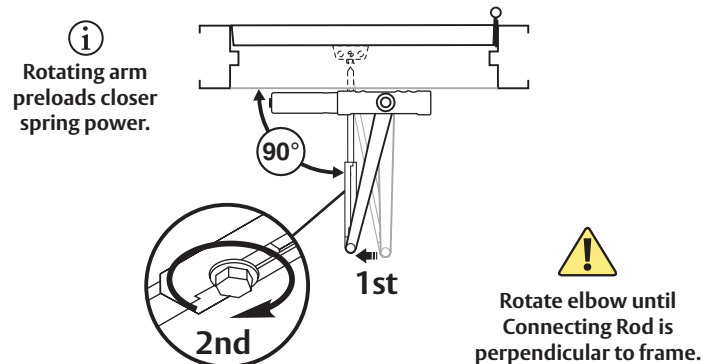
## 3b. Install separate arms.



## 4. Connect arms and install forearm screw.



## 5. Preload spring and tighten forearm screw.



You've now installed the JS7500 Non Hold Open Closer - Top Jamb Mount.

● Go to page 4 for closer adjustments and cover installation.

The ASSA ABLOY Group is the global leader in access solutions. Every day we help people feel safe, secure and experience a more open world.

## Closer Adjustments

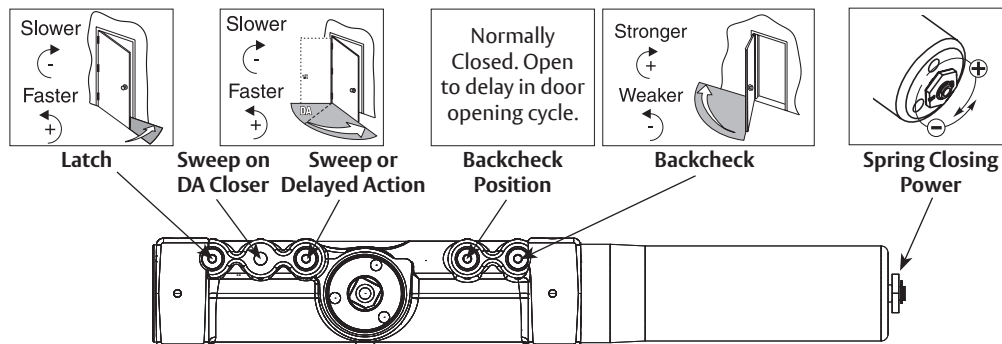


Use provided hex wrench to turn valves.  
NEVER force valves out of closer.  
NEVER completely close backcheck valve.

Door must be open to adjust spring closing power.

Ensure proper preload is applied to closer arm before adjusting spring power.

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



Power Adjustment Chart		
Maximum Interior Door Size inches (mm)	Maximum Exterior Door Size inches (mm)	Turns from Zero
32 (813)	28 (711)	<b>5</b>
36 (914)	34 (864)	<b>8-1/2</b>
42 (1067)	38 (965)	<b>11</b>
52 (1321)	42 (1067)	<b>13-1/2</b>
60 (1524)	48 (1219)	<b>16-1/2</b>
NOTE: Maximum of 16-1/2 turns (360°) of Power Adjustment Nut.		

## Cover



**Do not over tighten screws.**

