

P7500

Non Handed Door Closer

Parallel Arm 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**

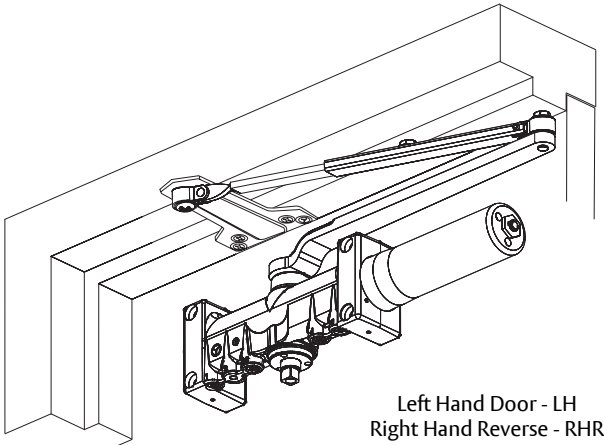
ASSA ABLOY

⚠ WARNING

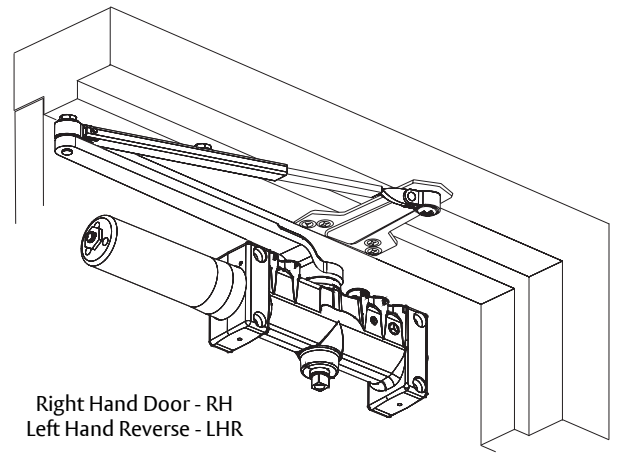
This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65warnings.ca.gov.

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.

Parallel Arm

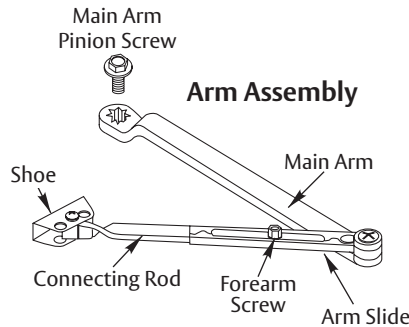
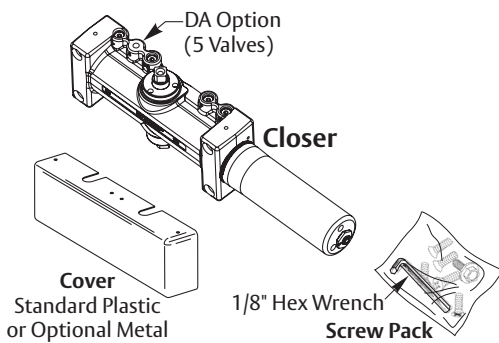


Left Hand Door - LH
Right Hand Reverse - RHR

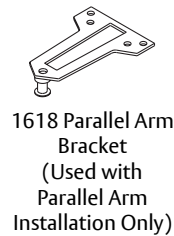


Right Hand Door - RH
Left Hand Reverse - LHR

Included Components (See page 2 for mounting hardware)

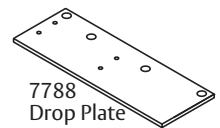


Arm Assembly



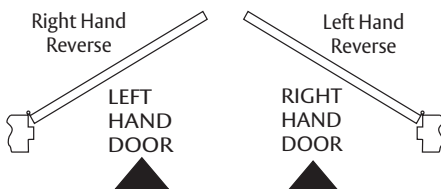
1618 Parallel Arm
Bracket
(Used with
Parallel Arm
Installation Only)

Optional Components



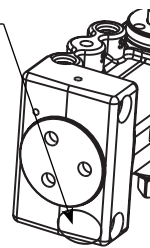
7788
Drop Plate

To Determine Your Hand of Door:



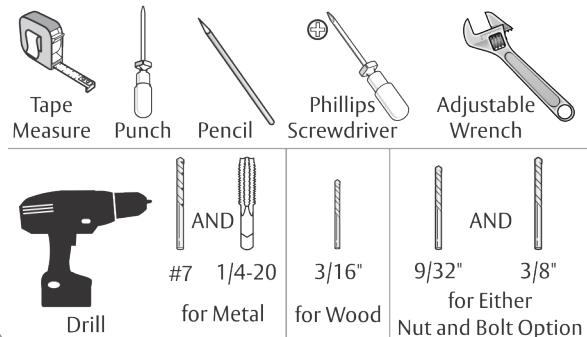
To Identify Your Model:

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
	PA Bracket: 1/4-14 x 1-1/2 Flat Head Self Drilling Screw	Wood	3/16" (4.76mm)
		Aluminum or Metal	no drill required
	Closer: 1/4-14 x 3 Flat Head Self Drilling Screw	Wood	3/16" (4.76mm)
		Aluminum or Metal	no drill required
	PA Bracket: 1/4-20 x 1-1/2 Oval Head Machine Screw	Metal	Drill #7 (.201 dia. or 5.10mm) Tap 1/4-20
	Closer: 1/4-20 x 3 Flat Head Machine Screw		
	Arm to PA Bracket: 1/4-20 x 1/2 Oval Head Machine Screw	N/A	N/A
	Closer: 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
	Closer: 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

Closer Adjustments

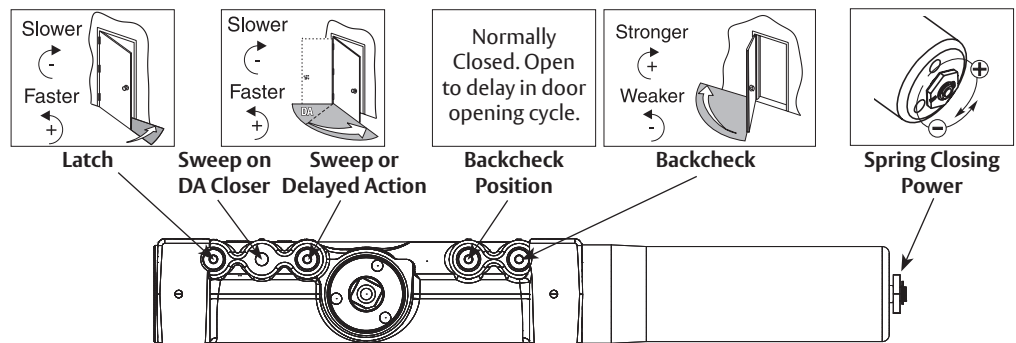


Use provided hex wrench to turn valves.
NEVER force valves out of closer.
NEVER completely close backcheck valve.

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

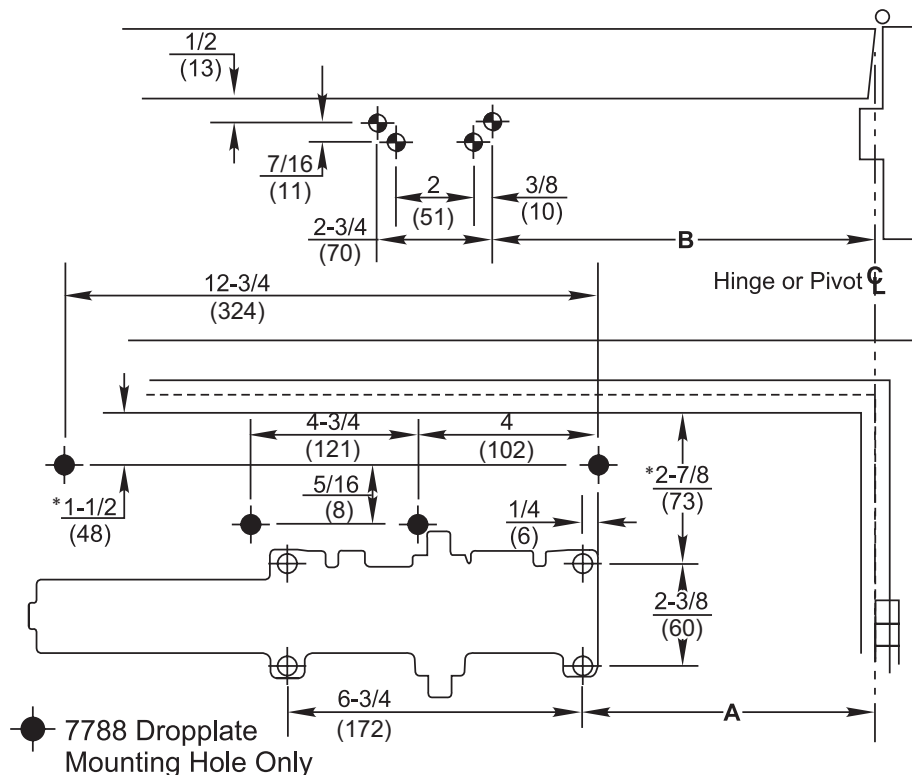
Ensure proper preload is applied to closer arm before adjusting spring power.

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



P7500 Parallel Arm Installation (Right Hand Shown)

1. Prepare door and frame.

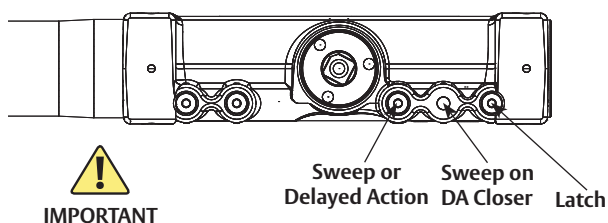


Opening	Dimension A	Dimension B
	inches (mm)	inches (mm)
To 100°	8-3/4 (222)	9-1/4 (235)
101° to 130°	7-1/4 (184)	7-3/4 (197)
131° to 150°	6-1/4 (159)	6-3/4 (171)
151° to 180°	5-1/4 (133)	5-3/4 (146)

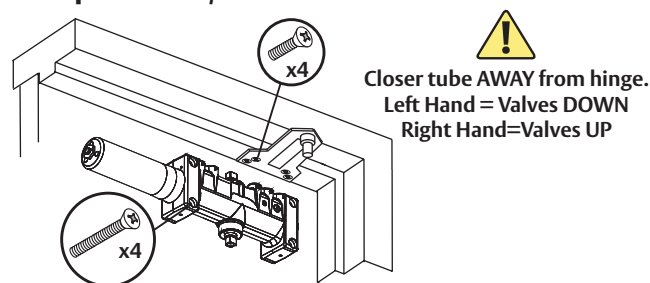
Power Adjustment Chart		
Maximum Interior Door Size inches (mm)	Maximum Exterior Door Size inches (mm)	Turns from Zero
30 (762)	26 (660)	7
34 (864)	30 (762)	9
38 (965)	36 (914)	12-1/2
48 (1219)	42 (1067)	14-1/2
54 (1372)	48 (1219)	16-1/2
NOTE: Maximum of 16-1/2 turns (360°) of Power Adjustment Nut.		

NOTES:
1. Maximum width hinge for this template is 5" (127mm).
2. *Assuming 5/8" (16) stop height

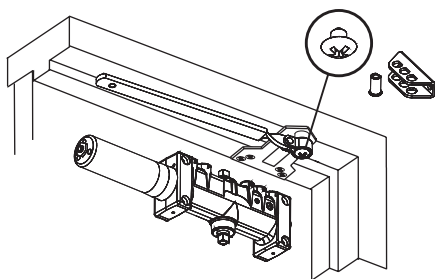
2. Close latch and sweep valves.



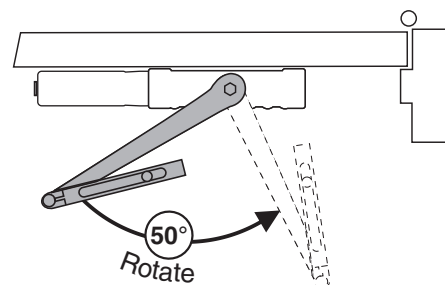
3. Install soffit plate and mount optional backplate and/or closer.



4. Remove arm shoe and install forearm to plate.

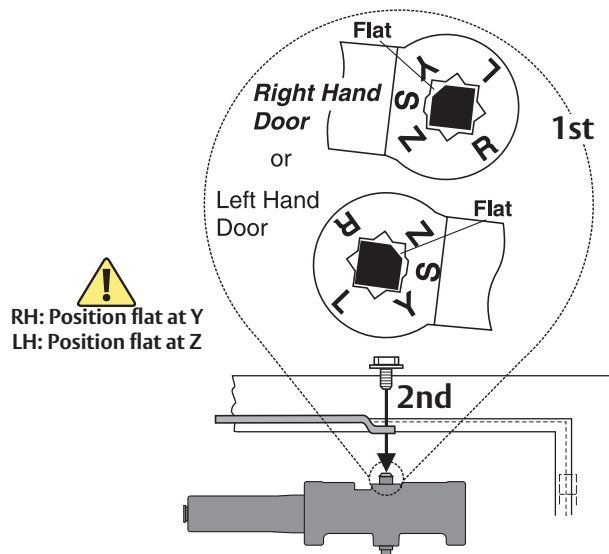


5. Place main arm on closer spindle and rotate approximately 50 degrees.

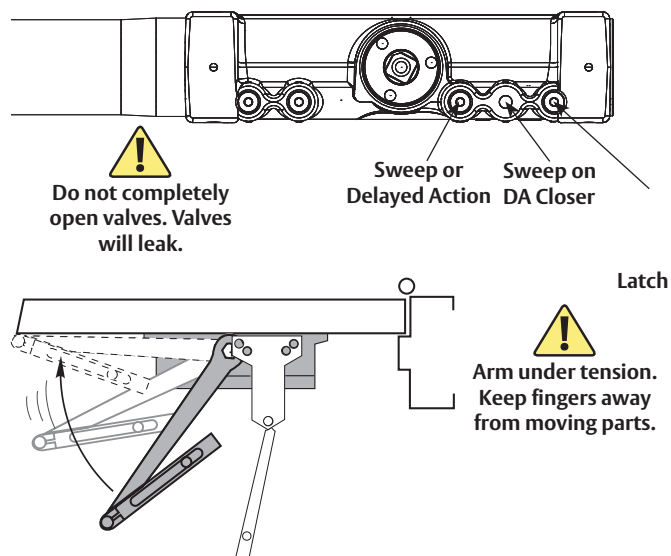


P7500 Parallel Arm Installation (Right Hand Shown) **continued**

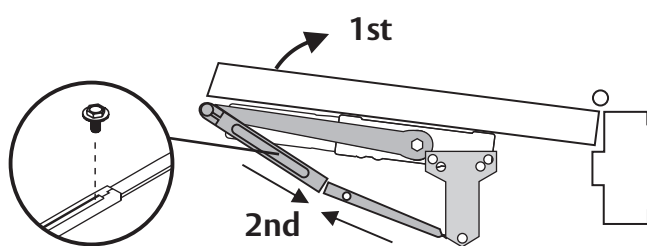
6. Remove arm and attach as shown.



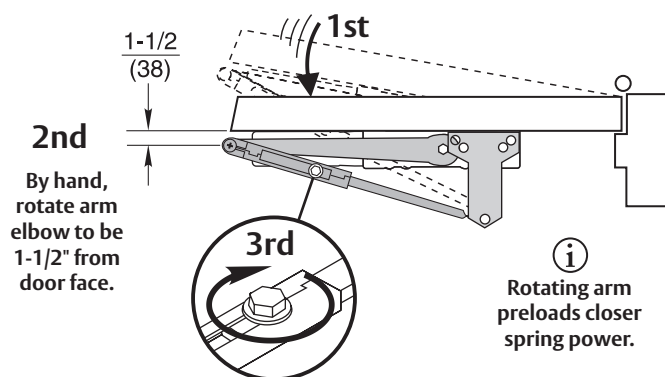
7. Open latch and sweep valves.



8. Connect arms and install forearm screw.



9. Preload spring and tighten forearm screw.



You've now installed the P7500 Non Hold Open Closer - Parallel Arm.

● Go to page 2 for closer adjustments or install cover.

Cover

! Do not over tighten screws.

