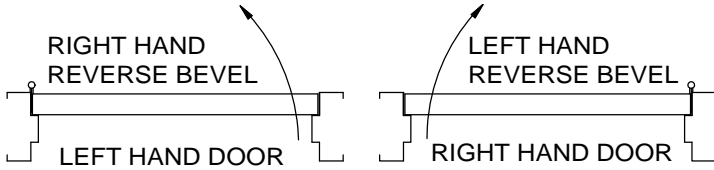


8900 PT, PTH PUSH SIDE TRACK MOUNT (TRACK ON FRAME) AND ACCESSORY PLATE BP89



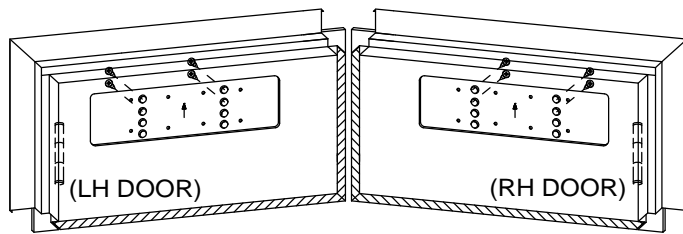
1 (REFERENCE UNIT CARTON FOR ACCESSORIES AND OPTIONS SUPPLIED)

Determine hand of door. Prepare door and frame according to appropriate template.



CAUTION: SEX NUTS ARE REQUIRED FOR ATTACHMENT OF COMPONENTS TO UNREINFORCED DOORS AND TO WOOD OR PLASTIC FACED COMPOSITE TYPE FIRE DOORS, UNLESS AN ALTERNATIVE METHOD IS IDENTIFIED IN THE INDIVIDUAL DOOR MANUFACTURER'S LISTINGS.

2 BP89 Plate applications only. Attach plate to door as shown. Arrow on plate to point toward arm attachment.



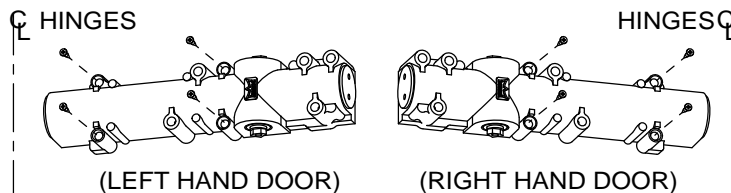
METAL DOORS or SN1 (Sex Nuts)

QTY (4)

WOOD DOORS

QTY (4)

3 Attach closer to door or plate with spring adjustment facing hinges.



METAL DOORS or SN1 (Sex Nuts)

QTY (4)

WOOD DOORS

QTY (4)

PLATE

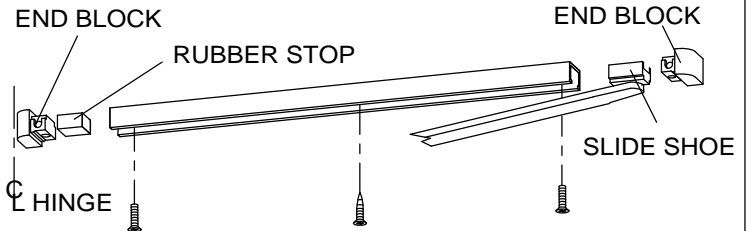
QTY (4)

4 Assemble track and attach to frame.

NOTE: OUTER TWO SCREWS PASS THROUGH END BLOCKS.

(PT UNITS ONLY)

Insert slide shoe, rubber stop and end blocks into track and attach track to frame.

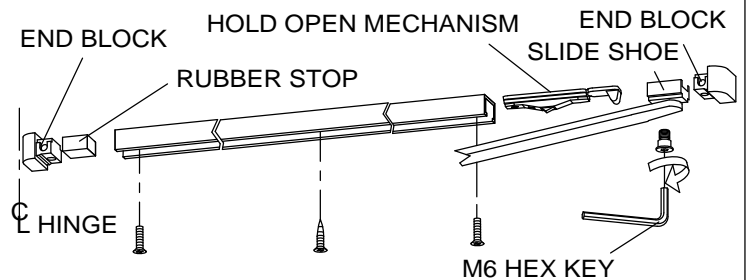
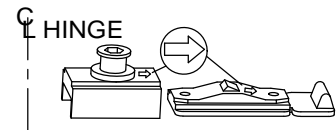


(PTH UNITS ONLY)

Attach arm to slide shoe using screw supplied and tighten securely. Insert slide shoe, rubber stop, hold open mechanism, and end blocks into track and attach track to frame.

NOTE: HOLD OPEN MECHANISM AND SLIDE SHOE MUST BE INSTALLED WITH ARROWS POINTING AWAY FROM THE DOOR HINGES. (ARROWS ARE STAMPED ON SLIDE SHOE & HOLD OPEN MECHANISM)

IMPORTANT :



QTY (1)

ARM TO SLIDE SHOE

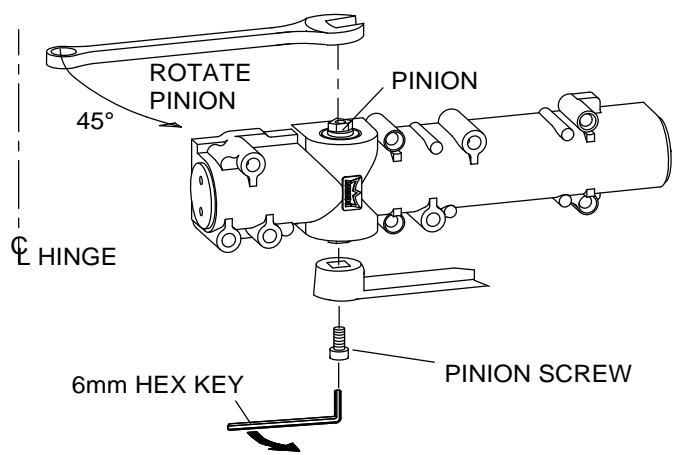
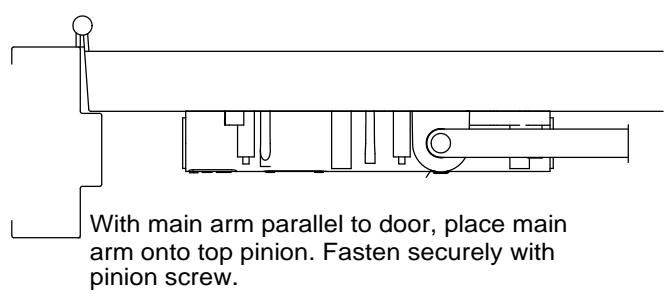
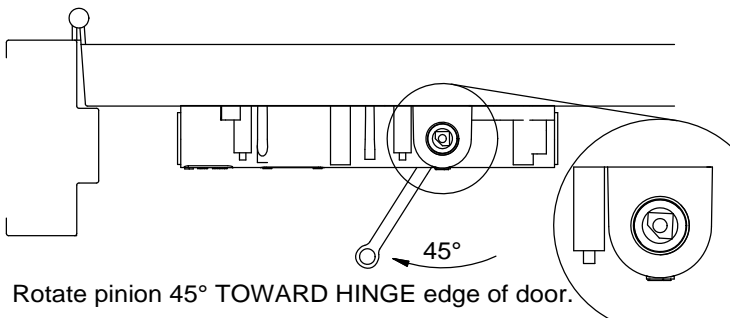
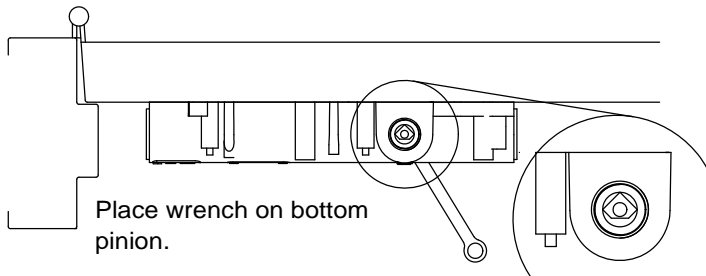
QTY (2) (METAL)

QTY (2) (WOOD)

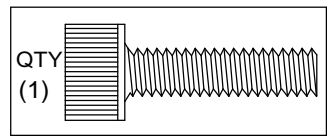
QTY (1) (WOOD AND METAL)

INSPK NO. 08279730 Rev.09/09

5 Install main arm



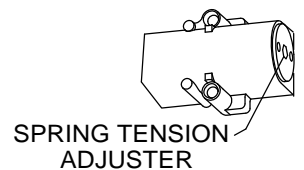
NOTE: RIGHT HAND DOOR INSTALLATION SHOWN. LEFT HAND IS A MIRROR IMAGE.



6 Adjust spring tension, if required, using a 1/4" wrench.

NOTE: 8916 supplied with size 3 spring setting. 8956 supplied with size 6 setting.

CRITICAL



8916 ONLY
BARRIER-FREE OPENINGS - Take an opening force reading from the pull on the door. If required, adjust the spring tension to meet the barrier-free requirement. Maximum number of turns counter clockwise=8. Maximum number of turns clockwise =14. Depending on opening conditions, a door adjusted to meet barrier-free forces may not have sufficient power to reliably close and latch the door.

NON-BARRIER-FREE OPENINGS - Adjust according to chart.

CLOSER TYPE	DOOR WIDTH	FULL TURNS OF SPRING ADJUSTER	SPRING SIZE
	INTERIOR		
8916	2'-6"	0	4
	3'-0"	+8	5
	3'-6"	+16	6
8956	3'-6"	0	6
	4'-0"	+6	6+

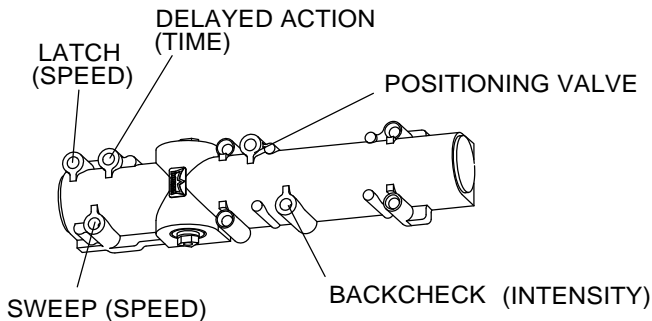
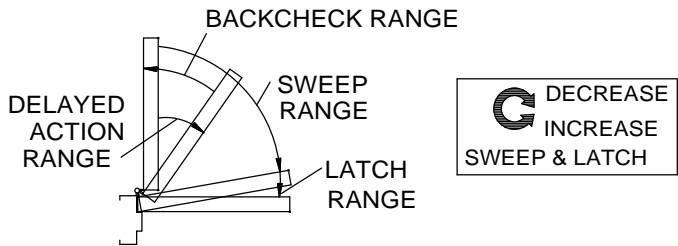
ULC LABELED UNITS ONLY
 ADJUST SPRING TENSION ACCORDING TO THE FOLLOWING CHART.

CLOSER TYPE	MAX. DOOR WEIGHT	SPRING SIZE	FULL TURNS OF SPRING ADJUSTING NUT
8916	125	4	0
	150	5	+8
	200	6	+16
8956	200	6	0
	250	6+	+6

7 Adjust sweep, latch and backcheck valves.
Closing time from 90° to 15° (sweep range) is generally adjusted to take a minimum of 3 seconds. Closing time from 15° to fully closed (latch range) should take a minimum of 1.5 seconds. Backcheck intensity should be adjusted to ensure that the door is under control during the opening cycle protecting the door and objects behind the door. Closing the backcheck positioning valve fully clockwise advances the backcheck range approximately 15°. Backcheck position valve is shipped in the "on" position (to turn off, rotate valve counterclockwise only 1/2 turn).

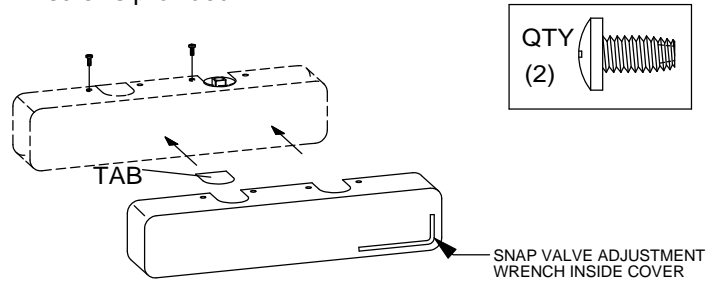
Optional delayed action offers additional closing speed control when extra time is required to pass through the door. All valve adjustments are made with a 3/32" hex key.

CAUTION: DO NOT REMOVE VALVES.



INCREASE
DECREASE
BACKCHECK OR DELAYED ACTION
NOTE: DELAYED ACTION IS AN OPTIONAL FEATURE.

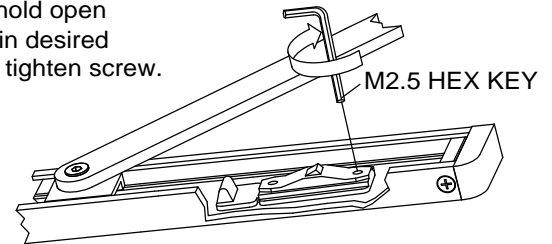
8 Place tab in cover slot opposite main arm.
Place cover over closer and fasten securely with screws provided.



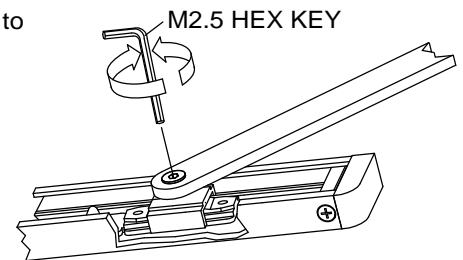
NOTE: LEFT HAND INSTALLATION SHOWN. RIGHT HAND IS A MIRROR IMAGE.

9 (HOLD OPEN UNITS ONLY)
Set hold open.

A Place the hold open mechanism in desired position and tighten screw.



B To adjust hold open force, turn clockwise to increase force, and counter clockwise to weaken force.



C To enable hold open, push the white slide into the hold open mechanism. To disable hold open, pull the white slide away from hold open mechanism.

