

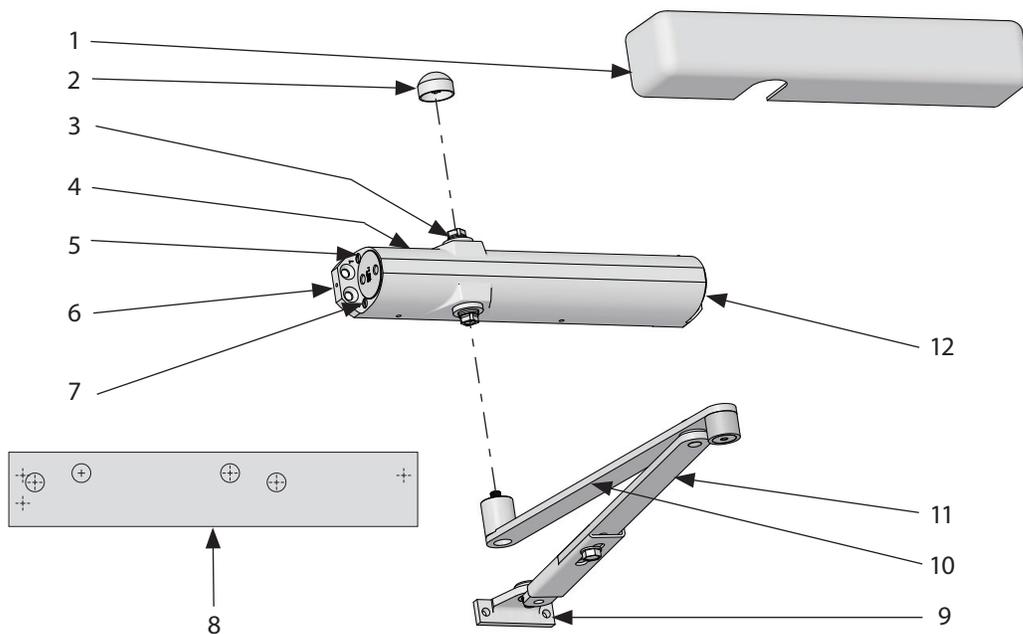
SL6000 IS/ISJ/ISH/ISJH

Surface closer

Installation Instructions

OVERVIEW

Surface closer components



1 Optional SPC cover

2 Dust cap

3 Pinion screw

4 Delayed action adjustment

5 Latch speed adjustment

6 Closer body

7 Closing/sweep speed adjustment

8 Optional backplate

9 Bar/shoe assembly

10 Main arm

11 Connecting arm

12 Backcheck adjustment

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Technical specifications

Size selection chart

Arm	Closer	Interior/ Exterior	Door Width				
			2'-0"	2'-6" max.	3'-0" max.	3'-6" max.	4'-0" max.
IS, ISH, ISJ, ISJH	SL6014	Interior	•	•	♿	♿	♿
		Exterior	•	•	•	NA	NA
IS, ISH, ISJ, ISJH	SL6036	Interior	NA	NA	•	•	•
		Exterior	NA	•	•	•	•

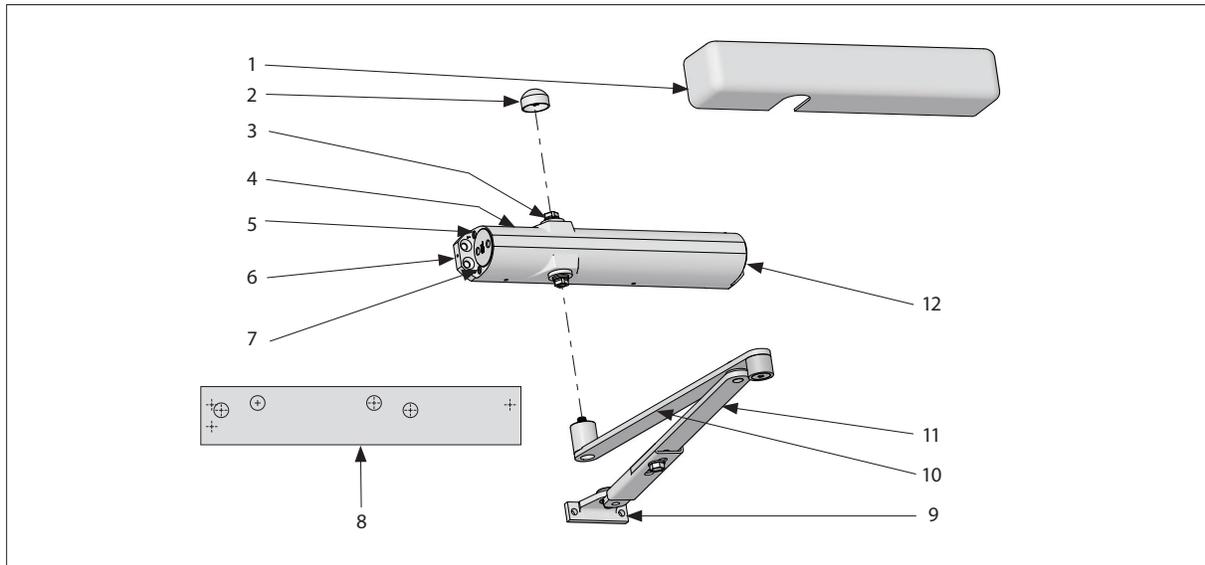
Spring size chart

Regular & top jamb closers			
Maximum size of door width			
Closer size	Interior	Exterior	Full turns
2	30"		-9 CCW
3	36"	30"	-4 CCW
4	42"	36"	0 turns
5	48"	42"	+4 CW
6		48"	+8 CW

SL6000 IS, ISH, ISJ, ISJH

Closer setup

-  Follow included template to properly prepare door frame for all accessories of the closer installation.
-  Verify closer spring size prior to installation. See "Spring size chart" on page 2.
-  Know the swing of the door which is being installed prior to installation.
-  Make sure door efficiently operates prior to installing closer.
-  Do not hammer arm onto spindle. Warranty will be void.

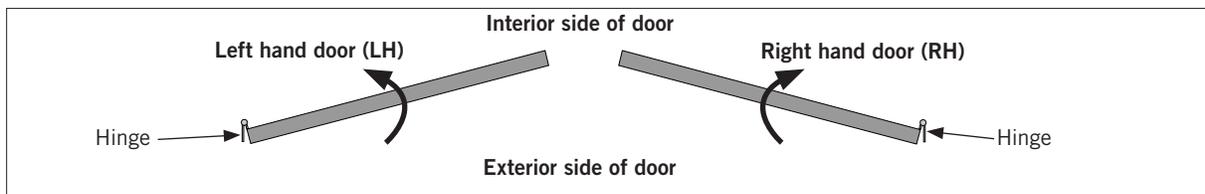


Surface closer system

The closer is comprised of the following components.

1. Optional SPC cover
2. Dust cap
3. Pinion screw
4. Delayed action adjustment
5. Latch speed adjustment
6. Closer body
7. Closing/sweep speed adjustment
8. Optional backplate
9. Bar/shoe assembly
10. Main arm
11. Connecting arm
12. Backcheck adjustment

Handing of the door



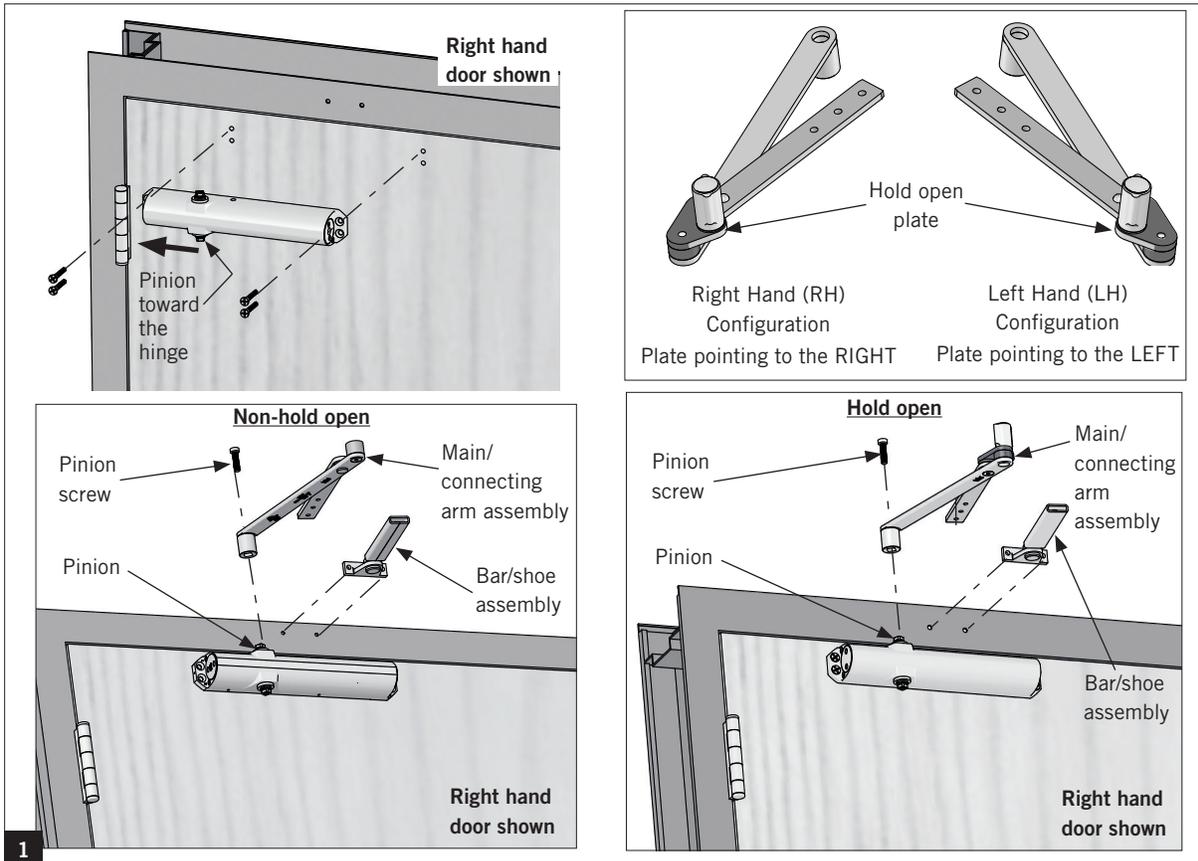
Tools recommended

- Drill Bits
 - Metal: 7/32" & 1/4-20 tap
 - Wood: 5/32"
 - DPK: 1/8"
 - Sex nut: 3/8"
- #3 Phillips screwdriver
- 1/2" or 13mm box wrench
- 10" adjustable wrench
- 3/16" hex key
- 5mm hex key (supplied)

SL6000 IS, ISH PULL SIDE, REGULAR MOUNT

Installation Instructions

Mounting the surface closer & arm assembly (reg mnt)



**Do not hammer arm onto spindle.
Warranty will be void.**

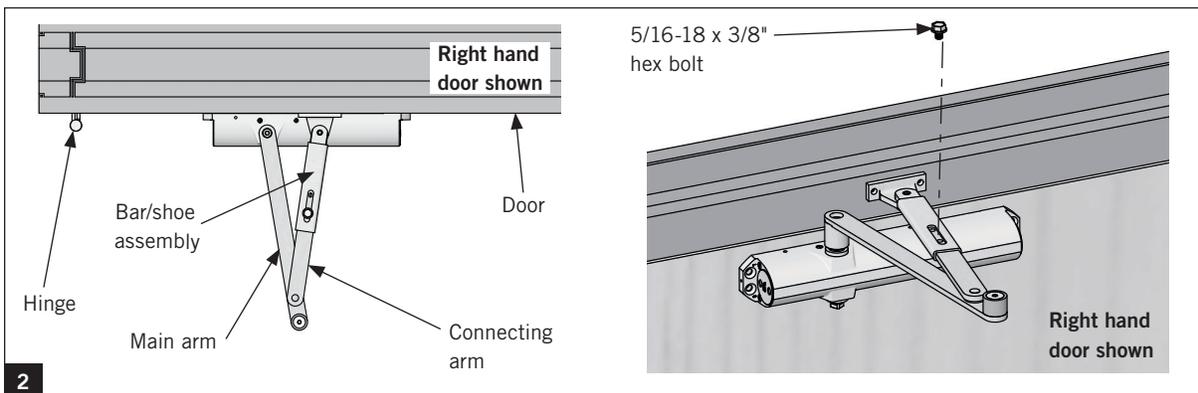
- 1.1 Secure closer body to door.
 - Use four 1-1/4" combo screws provided.
- 1.2 Secure the bar/shoe assembly to frame.
 - Use two 1/4-20 x 5/8" Phillips round head screws [#14 x 1-1/4" round head wood screws] provided.

1.3 Secure main arm to operator pinion.

- Use provided pinion screw [M8 x 30 socket head cap screw].

NOTE: To change handing, disassemble hold open plate:

- Remove both screws from bottom of plate using a 3/16" hex key.
- Keeping all washers in place, flip plate over to orient as per image above.
- Re-secure plate with both screws.



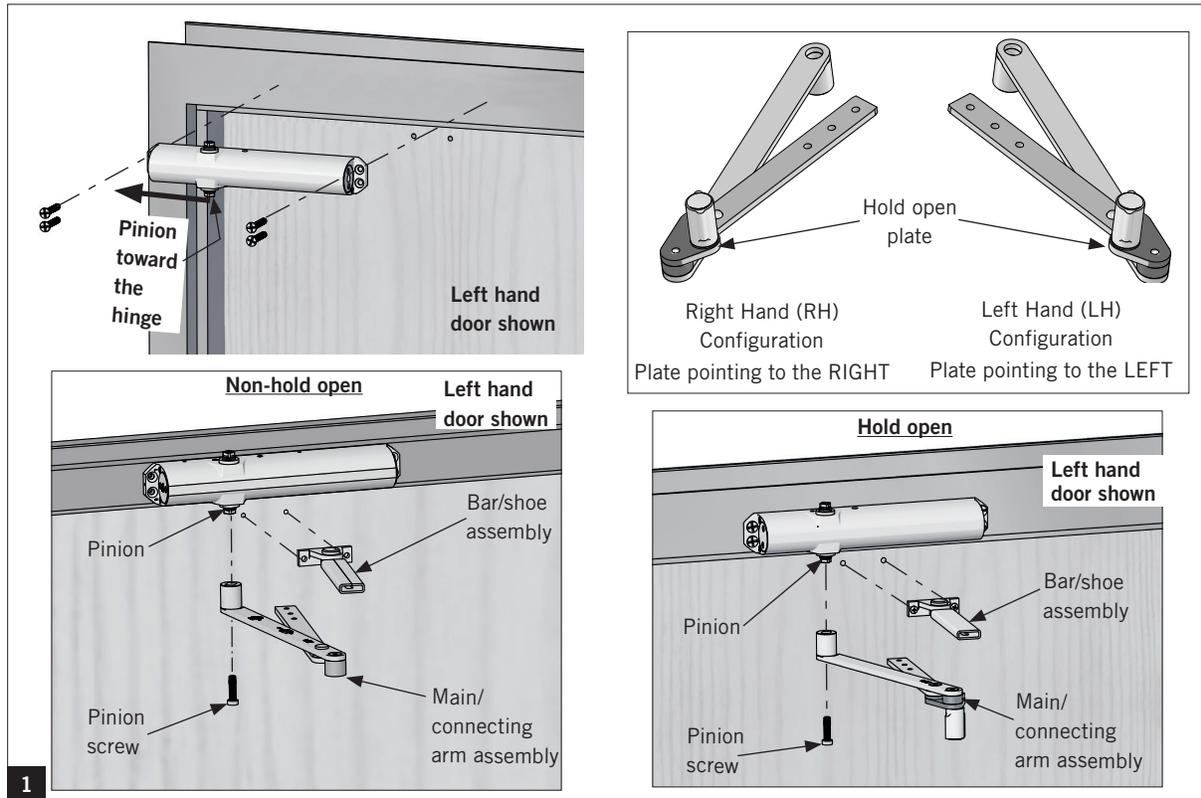
2.1 Slide end of connecting arm into end of bar/shoe assembly.

2.2 Secure connecting arm and bar/shoe assembly.

- Use provided fastener [5/16-18 x 3/8 hex bolt].

SL6000 ISJ, ISJH PUSH SIDE, TOP JAMB MOUNT

Mounting the surface closer & arm assembly (top jamb mnt)



1

⚠ Do not hammer arm onto spindle. Warranty will be void.

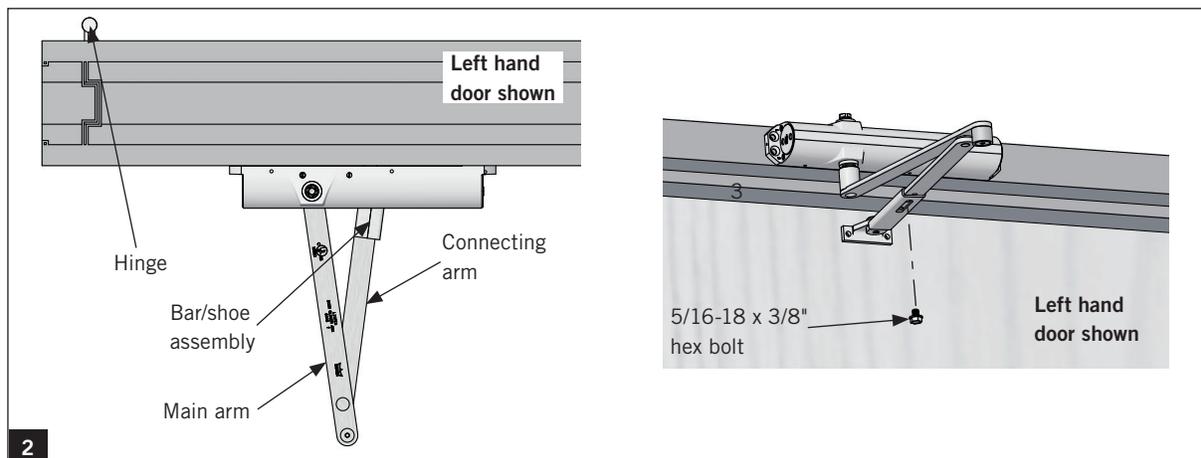
- 1.1 Secure closer body to frame.
 - Use four 1-1/4-20 x 5/8" Phillips flat head screws provided.
- 1.2 Secure bar/shoe assembly to mounting surface.
 - Use two 1/4-20 x 5/8" Phillips round head screws [#14 x 1-1/4" round head wood screws] provided.

1.3 Secure main arm to operator pinion.

- Use provided pinion screw [M8 x 30 socket head cap screw].

NOTE: To change handing, disassemble hold open plate:

- Remove both screws from bottom of plate using a 4mm hex key.
- Keeping all washers in place, flip plate over to orient as per image above.
- Resecure plate with both screws.



2

2.1 Slide end of connecting arm into end of bar/shoe assembly.

2.2 Secure connecting arm and bar/shoe assembly.

- Use provided fastener [5/16-18 x 3/8 hex bolt].

SL6000 IS, ISH, ISJ, ISJH CLOSER ADJUSTMENTS

Adjustments

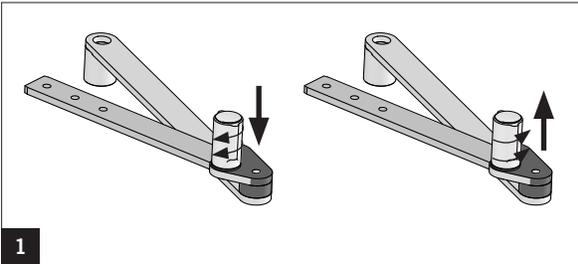
⚠ Confirm closer spring size prior to making any closing speed adjustments.

⚠ Do not back valves out beyond closer casting.

⚠ Maximum opening angle is 110°.

⚠ Door should close in 3 to 6 seconds from 90°.

Setting the hold open (ISH and ISJH)



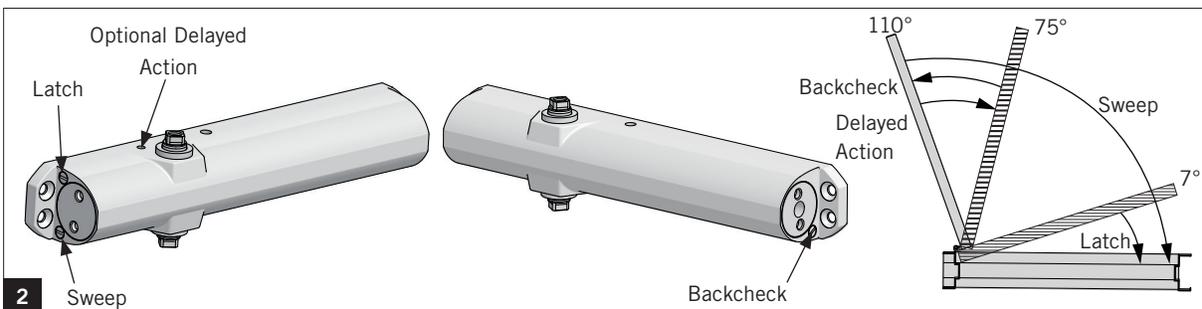
1.1 Enabling or disabling hold open.

- Twist hold open handle up or down to loosen or tighten, respectively, the hold open capacity.

1.2 Engaging or disengaging hold open.

- Engaging hold open: Push door open until hold open ball connects with detent in handle.
- Disengaging hold open: Pull door to pop hold open ball out of detent.

Adjusting the closing speeds: sweep, latch, and backcheck



2.1 Adjust **sweep speed** for the area from 70° - 10°.

- Increase sweep speed: Turn valve counter-clockwise.
- Decrease sweep speed: Turn valve clockwise.

2.2 Adjust **latch speed** from 10° - 0°.

- Increase latch speed: Turn valve counter-clockwise.
- Decrease latch speed: Turn valve clockwise.

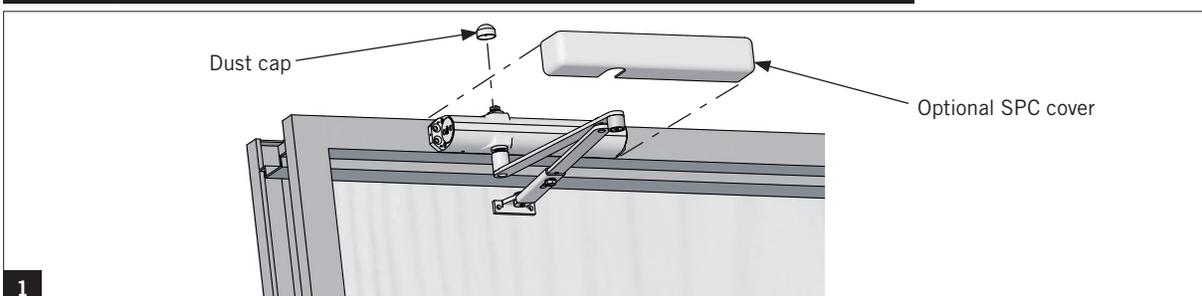
2.3 Adjust **backcheck** for the area from 110° - 75°.

- Increase resistance: Turn valve clockwise.
- Decrease resistance: Turn valve counter-clockwise.

2.4 If supplied, **delayed action** for the area from 110° - 75°.

- Increase delay: Turn valve counter-clockwise.
- Decrease delay: Turn valve clockwise.

Installing the closer cover

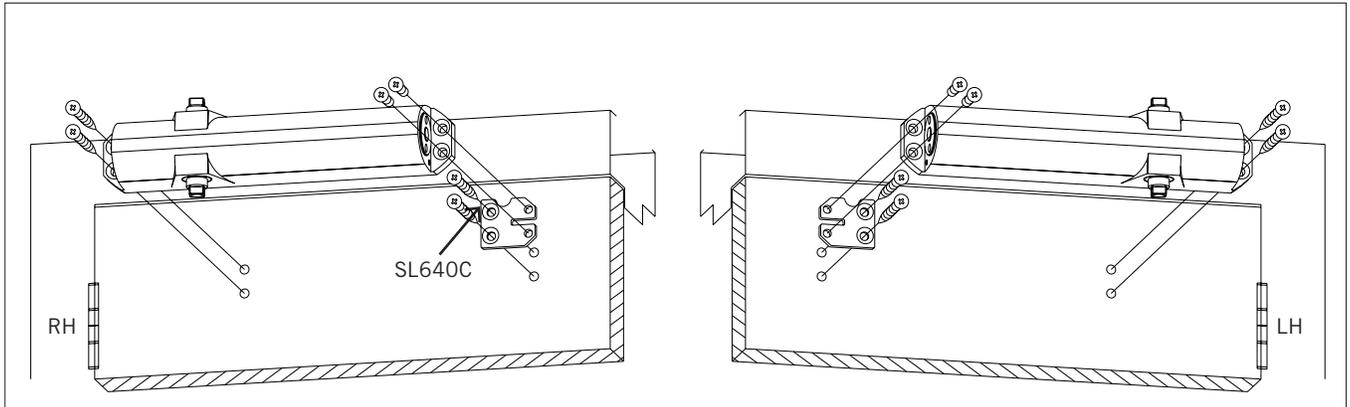


1.1 Snap optional cover over closer body.

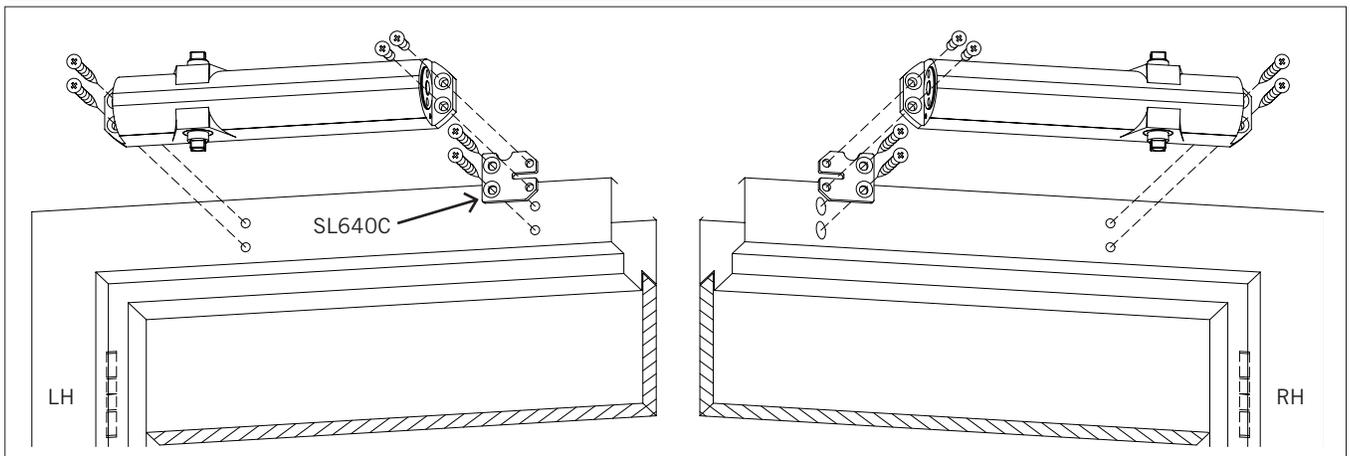
1.2 Screw dust cap onto exposed pinion.

INSTRUCTIONS - OPTIONAL FOR SL640C BRACKET FOR REGULAR, TOP JAMB, AND PARALLEL MOUNTS

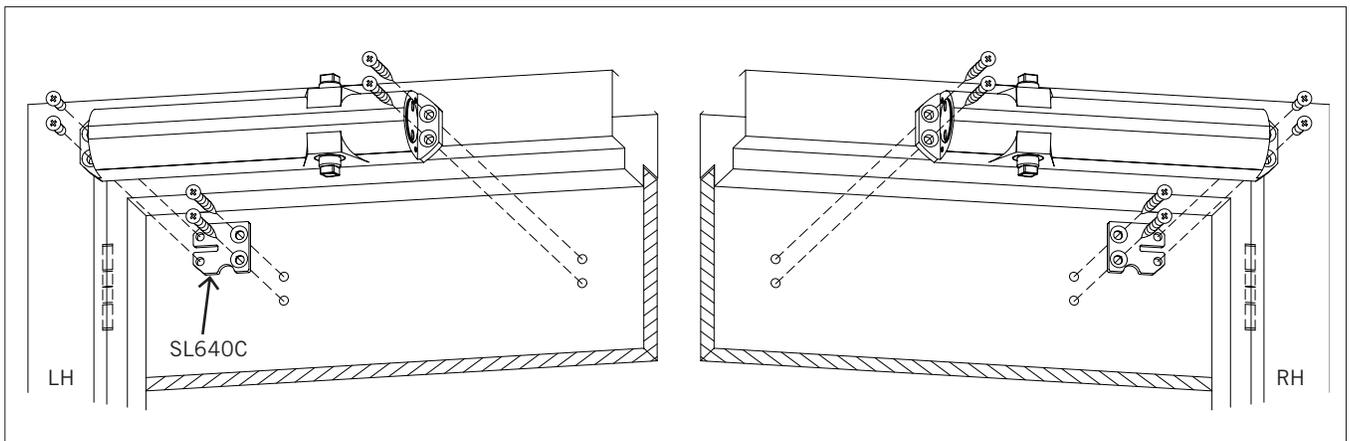
Regular mount



Top jamb mount



Parallel mount





For Complete Online Instructions Visit:
<https://dhwsupport.dormakaba.com/hc/en-us>

For Assistance or Warranty Information:
Call 1-800-392-5209 or visit
<https://dhwsupport.dormakaba.com/hc/en-us>