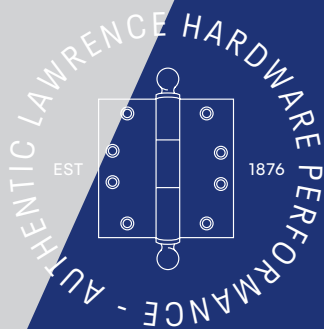


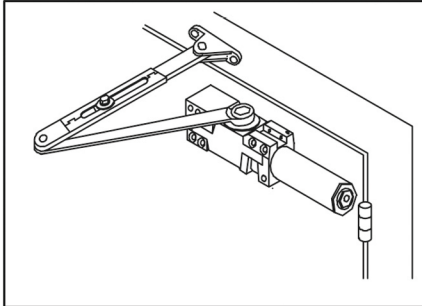
LAWRENCE[®] HARDWARE



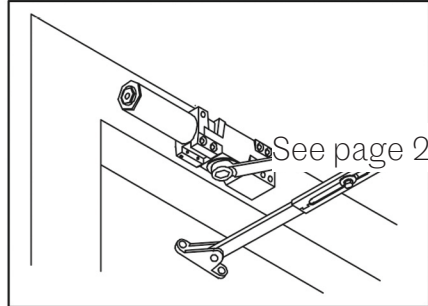
LH 8016

INSTALLATION INSTRUCTIONS

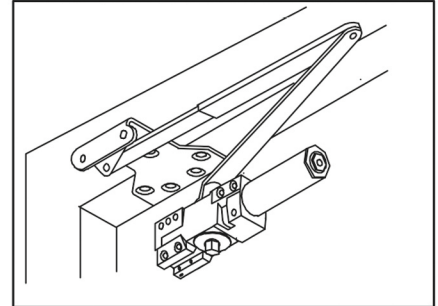
STANDARD MOUNT (PULL SIDE)



TOP JAMB MOUNT (PUSH SIDE)



PARALLEL MOUNT (PUSH SIDE)

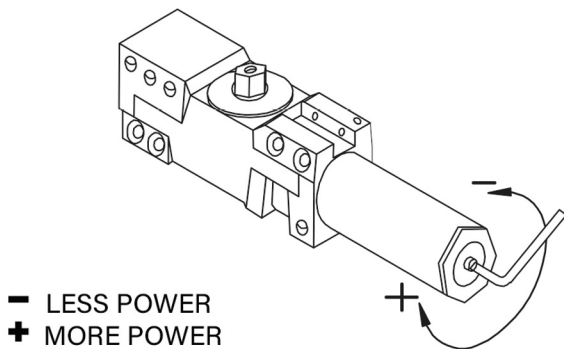
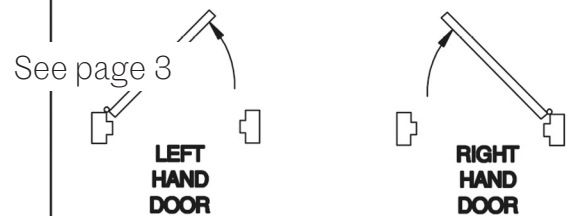


MAXIMUM DOOR WIDTH		FULL TURNS REQUIRED
EXTERIOR DOORS	INTERIOR DOORS	
—	5 lb-f	5 TURNS C.C.W.
8.5 lb-f*	34" (864)	2 TURNS C.C.W.
30" (762)	38" (962)	0 TURNS
36" (914)	48" (1219)	5 TURNS C.W.
42" (1067)	54" (1372)	10 TURNS C.W.
48" (1219)	60" (1524)	15 TURNS C.W.

C.W = Clockwise

C.C.W. = Counter-Clockwise

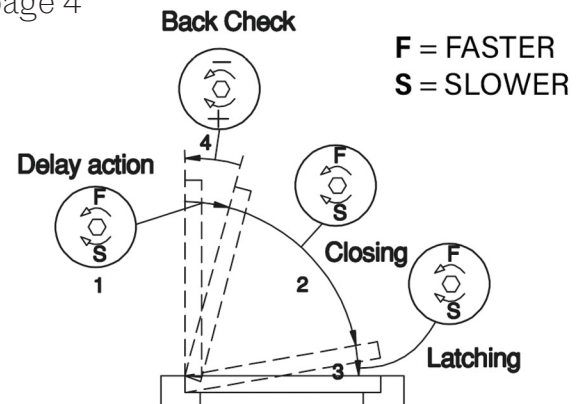
HOW TO DEFINE HAND OF DOOR



Spring Power Adjustment

CONTROL RANGE

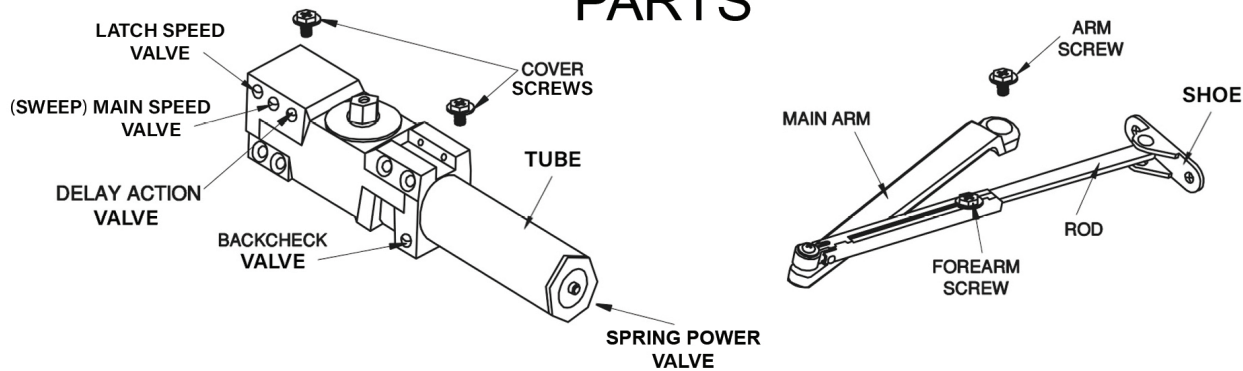
See page 4



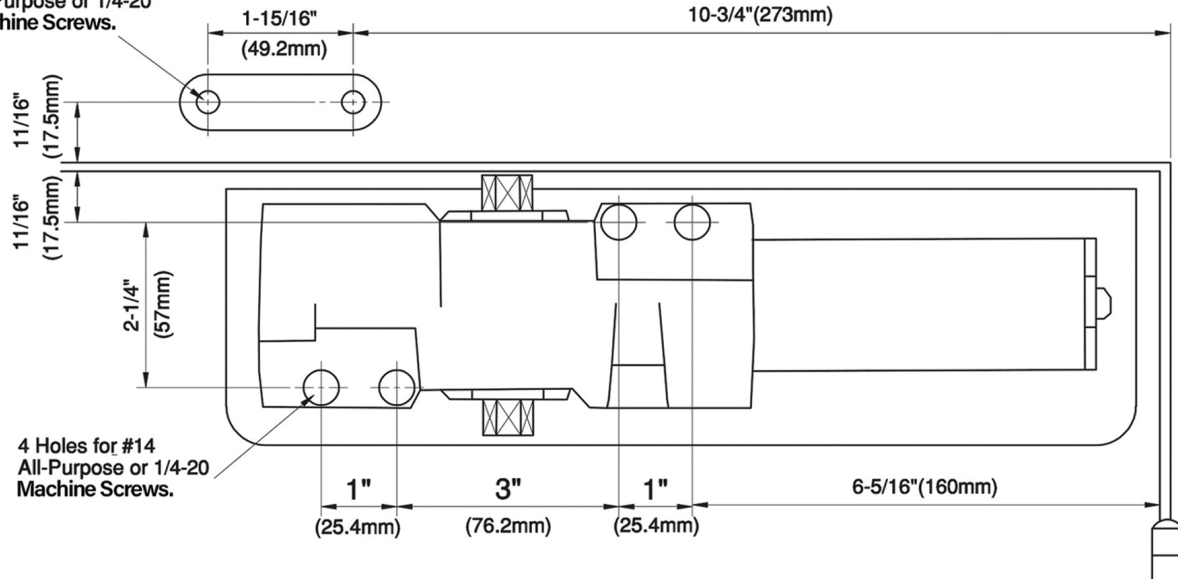
STANDARD INSTALLATION

CLOSER MOUNTED ON PULL SIDE OF DOOR

PARTS



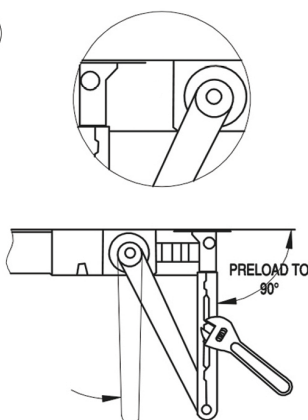
2 Holes for #14
All-Purpose or 1/4-20
Machine Screws.



CAUTION:

Removing valves will cause hydraulic fluid to leak and void warranty.

A



1. Adjust spring power to match door width as indicated by chart on page 1.
2. Mount closer on door as dimension shown. Tube end toward hinge. If pivots are used, locate closer and shoe from CENTERLINE OF PIVOT.
(For offset pivots, pls increase the marked dimensions by 1/8")
3. Place main arm on top of shaft 100° to closer body, insert arm screw into top of shaft and tighten.
4. Attach shoe to door as shown. (if more latching power is required, rotate shoe 180°)
5. Open door and insert rod in forearm.
6. With forearm at right angle to door (90°), insert forearm set screw and tighten.
SEE DIAGRAM (A).

SPEED REGULATION:

A Normal closing time from 90° open position to door stop position is 4-6 seconds, evenly divided between main swing speed and latch swing speed. Use socket key (furnished) to adjust speed. To slow main speed of door, turn regulating screw nearest shaft clockwise. To slow latch speed, turn regulating screw nearest hinge clockwise.

BACK CHECK

To increase back-check force, turn regulating screw nearest hinge clockwise.
DO NOT USE ABRUPT BACKCHECK.

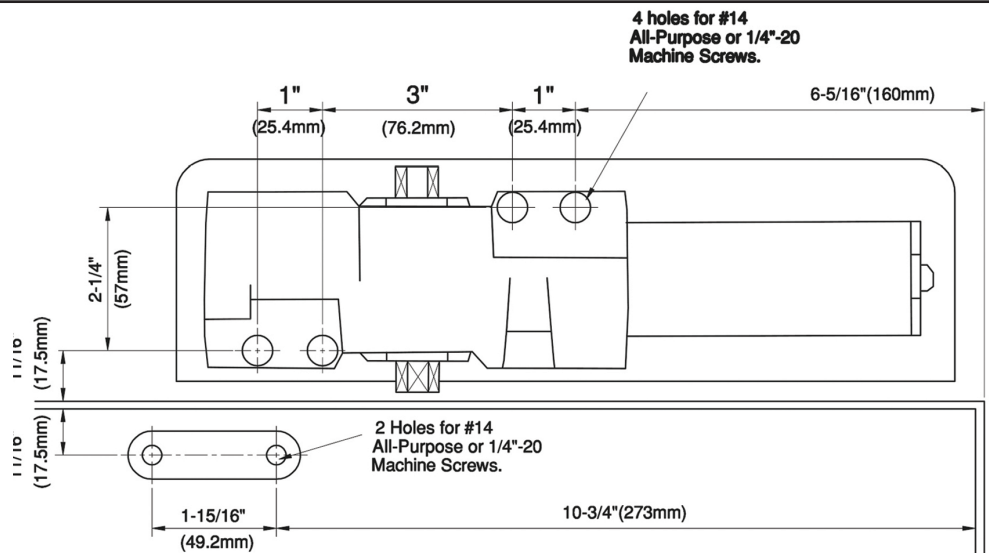
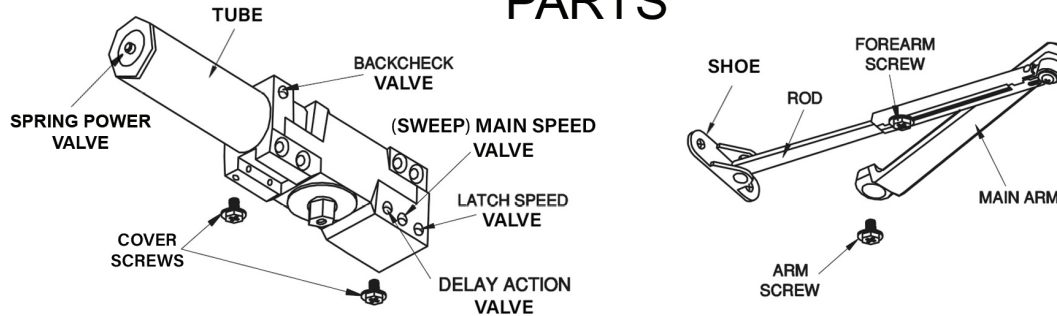
COVER

Place insert in proper cutout, then push cover against frame. Tighten both cover screws securely.

TOP JAMB INSTALLATION

CLOSER MOUNTED TOP JAMB ON PUSH SIDE OF DOOR

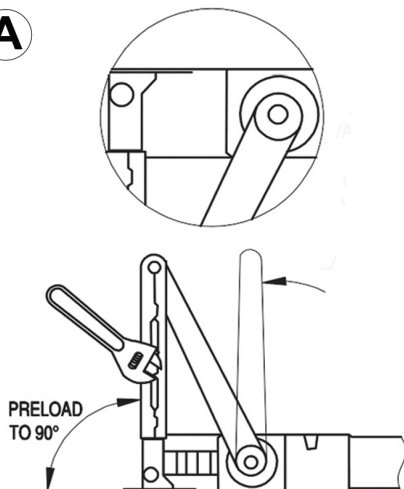
PARTS



CAUTION:

Removing valves will cause hydraulic fluid to leak and void warranty.

A



1. Adjust spring power to match door width as indicated by chart on page 1.
2. Mount closer on frame as dimension shown. Tube end toward hinge. If pivots are used, locate closer and shoe from CENTERLINE OF PIVOT.
(For offset pivots, pls increase the marked dimensions by 1/8")
3. Place main arm on top of shaft 100° to closer body, insert arm screw into top of shaft and tighten.
4. Attach shoe to door as shown. (if more latching power is required, rotate shoe 180°)
5. Open door and insert rod in forearm-for reveal 2 5/8" through 4 13/16" use long rod. For reveals 4 7/8" to 8" use FOREARM EXTENDER (ROD)--available from dealer.
6. With forearm at right angle to door (90°), insert forearm set screw and tighten. SEE DIAGRAM (A).

SPEED REGULATION:

A Normal closing time from 90° open position to door stop position is 4-6 seconds, evenly divided between main swing speed and latch swing speed. Use socket key (furnished) to adjust speed. To slow main speed of door, turn regulating screw nearest shaft clockwise. To slow latch speed, turn regulating screw nearest hinge clockwise.

BACK CHECK

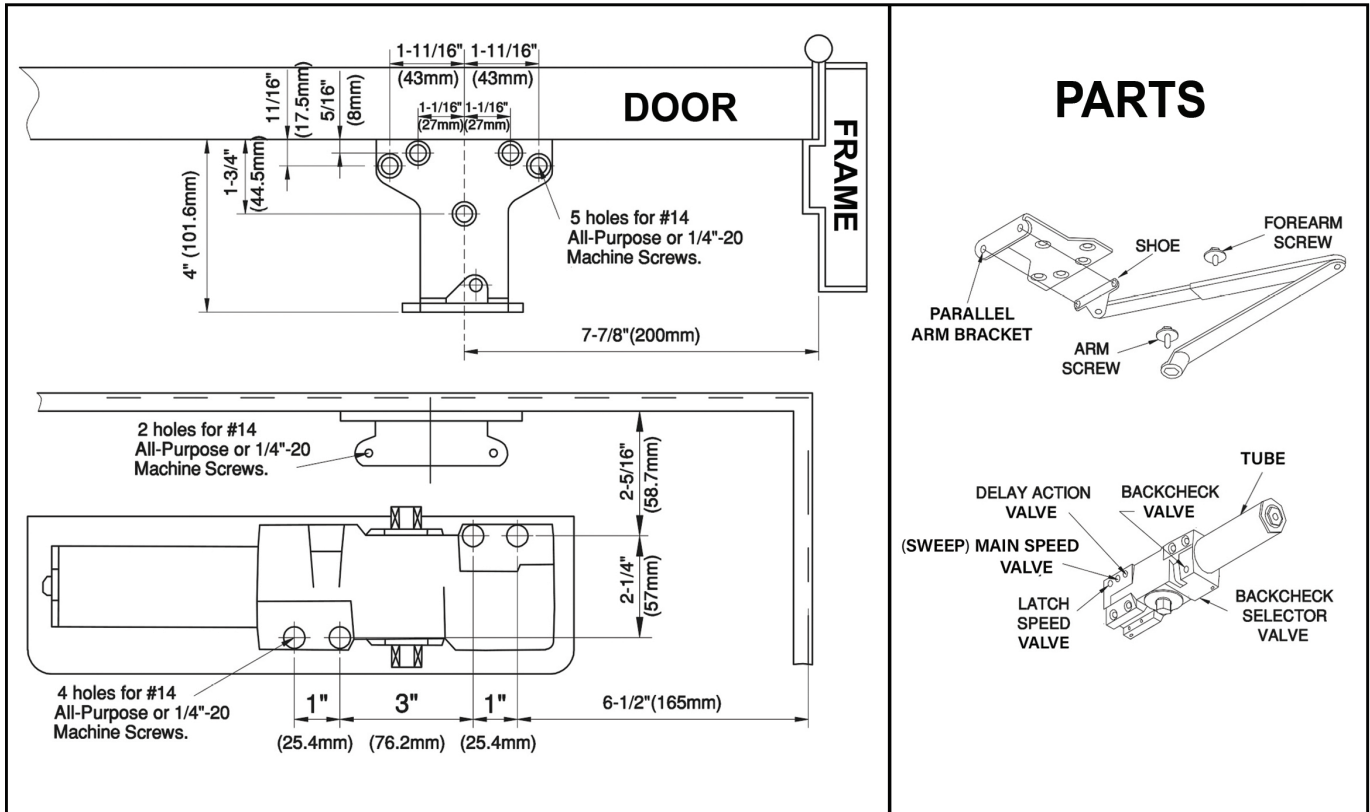
To increase back-check force, turn regulating screw nearest hinge clockwise. DO NOT USE ABRUPT BACKCHECK.

COVER

Place insert in proper cutout, then push cover against frame. Tighten both cover screws securely.

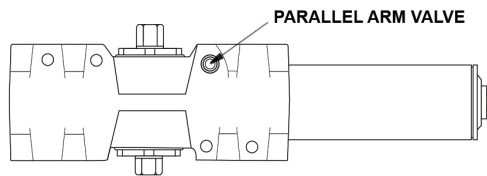
PARALLEL ARM INSTALLATION

CLOSER MOUNTED PUSH SIDE OF DOOR



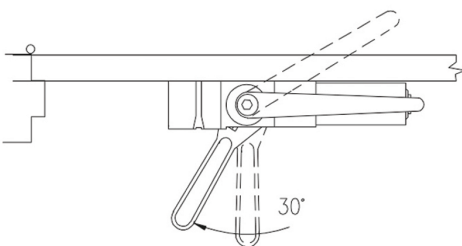
B

Important before installation, (parallel arm), turn valve (found on the back of closer) all the way in (CLOCKWISE).



REVERSE SIDE OF DOOR CLOSER

C



CAUTION:

Removing valves will cause hydraulic fluid to leak and void warranty.

1. Important before installation, (parallel arm), turn valve (found on the back of closer) all the way in (CLOCKWISE). SEE DIAGRAM (B).
2. Adjust spring power to match door width as indicated by chart on page 1.
3. Mount closer on door as dimensions shown. Tube end toward latch. If pivots are used. Locate closer and parallel bracket from CETERLINE PIVOT.
4. Place open and wrench on bottom shaft and turn toward hinge jamb about 30° and then place main arm on top shaft, insert arm screw into top of shaft and tighten SEE DIAGRAM (C).
5. Attach parallel bracket on frame as dimensions shown.
6. Attach rod and shoe to parallel bracket as shown.
7. Insert rod in forearm, and then attach main arm to closer parallel to door. Then insert forearm set screw and tighten.

SPEED REGULATION:

A normal closing time 90° open position to door stop position is 4-6 seconds, evenly divided between main swing speed and latch swing speed. Use socket key (furnished) to adjust speed. To slow main speed of door, turn regulating screw nearest shaft clockwise. To slow latch speed, turn regulating screw nearest hinge clockwise.

BACK CHECK

To increase back-check force, turn regulating screw nearest hinge clockwise. DO NOT USE ABRUPT BACKCHECK.

COVER

Place insert in proper cutout, then push cover against door. Tighten both cover screws securely.

If you have any questions regarding installation, contact us at
1.888.737.6515, email us at info@LawrenceHardwareOnline.com
or visit us online at LawrenceHardwareOnline.com