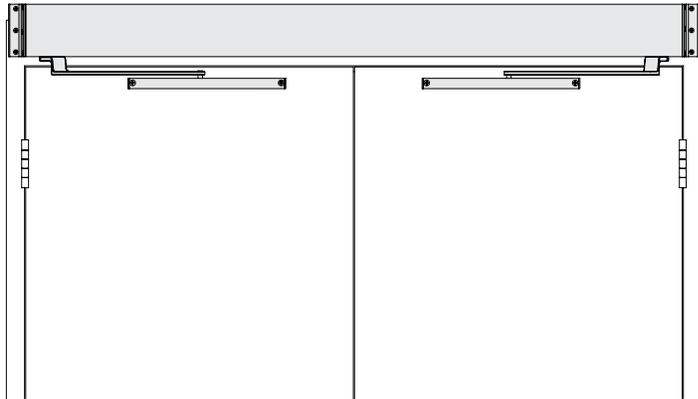


9550 SERIES

FEATURES

OPERATOR MOUNTS SIMULTANEOUS PAIR, SURFACE MOUNT *PULL SIDE PUSH SIDE DOUBLE EGRESS



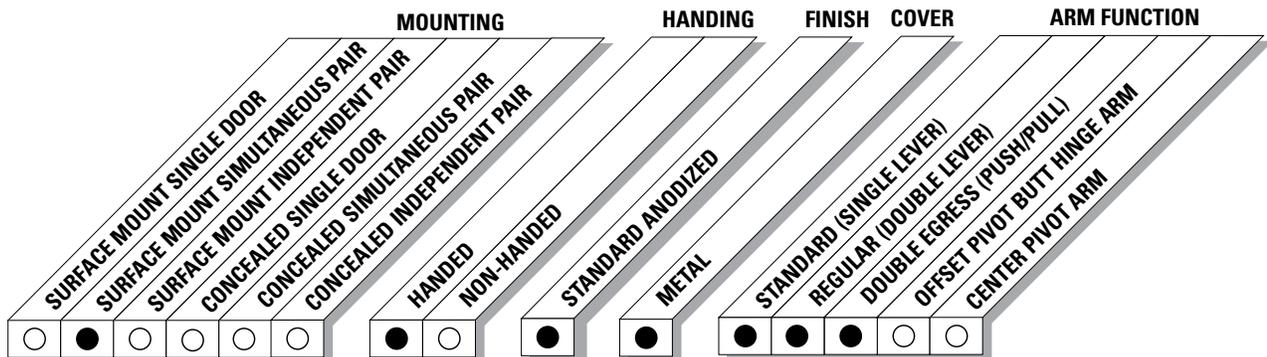
*PULL SIDE mount shown

The 9550 SENIOR SWING by LCN is an ADA door operator that is a two-in-one swing door operator. SENIOR SWING operators when activated, opens doors automatically for wheelchair access, yet allows for manual operation for regular pedestrian traffic.

- Push 'N Go permits non-switch activation.
- Power Boost provides additional latching force.
- Electromechanical unit with microprocessor control.
- Digital keypad for easy setup.
- Meets International Building Code requirements and ANSI A156.19.
- UL approved for fire doors.

9550 Series is fully compliant with UL 325 & UL 1998 and meets the provisions of ANSI A156.19. The 9550 Series is UL listed for fire-rated applications. The 9550 Series also meets the provisions of the Americans with Disabilities Act.

- 9550 Series operator is shipped with motor gearboxes, control box, arms, header, and mounting hardware. Actuators available separately, see pages 122-137.
- Simultaneous pair, surface mounted.
- Meets ADA requirements (power mode only).
- Handed product.
- Pull, Push or Double Egress applications available.
- 72" header length is standard. Specify other length 52" to 98". Consult factory regarding this option.
- Adjustable hold open period of 2 to 32 seconds in automatic or manual mode.

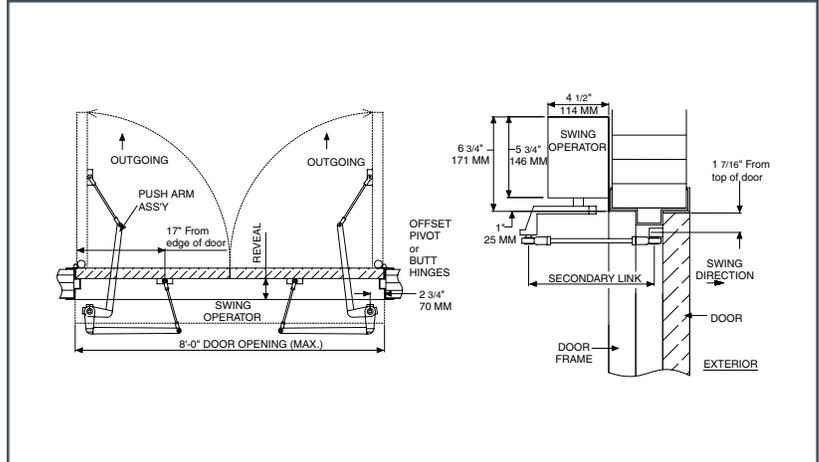


● AVAILABLE
○ NOT AVAILABLE

LCN 9550 SERIES

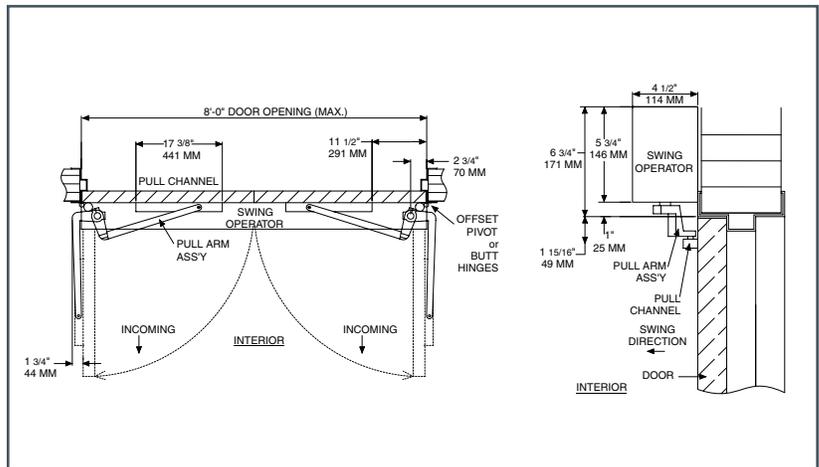
TOP JAMB SIMULTANEOUS PAIR (OFFSET PIVOT/BUTT HINGE, CENTER PIVOT, PUSH) MOUNTING

Consult factory for all balanced door installations.



TOP JAMB SIMULTANEOUS PAIR (OFFSET PIVOT/ BUTT HINGE, CENTER PIVOT, PULL) MOUNTING

NOTE: Cannot be used with swing clear hinges, pocket pivots or balanced doors.



MAXIMUM OPENING

Template allows 90 degree power opening and 90 degree manual opening.

- **Butt Hinges** should not exceed 5" (127 mm) in width.
- **Reveal for push** installations should not exceed 10" (254 mm) for REGULAR ARM and 20" (508 mm) for LONG ARM.
- **Reveal for pull** installations should not exceed 4" (102 mm).
- **Reveal** for double egress installations should not exceed 4" (102 mm).
- **Head Frame** minimum 1-3/4" (44 mm). Face frame 6-3/4" (171 mm) total operator clearance.
- **Top Rail** minimum 2-3/4" (70 mm).
- **Opening & Closing Time** are variable by adjustments to the electronic control box. Maximum hold open time adjustable up to approximately 32 seconds.
- **System Diagram** see "AUTOMATIC OPERATORS" section pages 53 for typical system wiring and page 56 for electrical data.

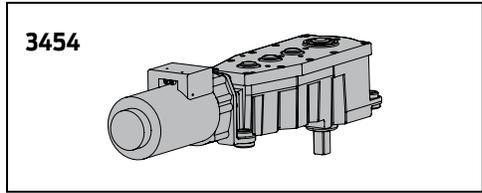
Contact LCN Product Support for installation assistance.

9550 SERIES

MOTOR GEARBOX

MOTOR GEARBOX – SENIOR SWING, 9550-3454

Driving mechanism for operator. Provides 15 lbs opening force. Handed.



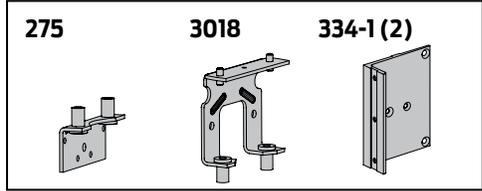
MOUNTING BRACKETS

MOUNTING BRACKET – 2-3/4", 9550-275

Motor gearbox mounting bracket for 2-3/4" offset pivot or butt hinge installations. Front bracket.

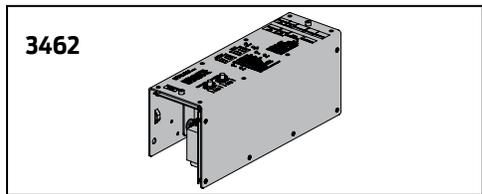
REAR MOUNT BRACKET, 9550-3018

Motor gearbox mounting bracket. Rear bracket.



ANGLED BRACKET, 9550-334-1

Mounting bracket for surface applications. (Includes 2 mounting brackets).



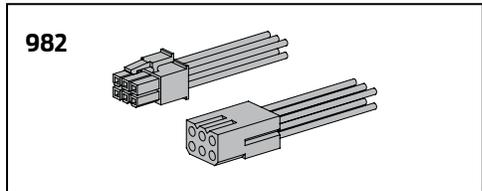
CONTROL BOXES

CONTROL BOX – SENIOR SWING, 9550-3462

Electronic controlling device for Senior Swing.

COMPANION CABLE, 9550-982

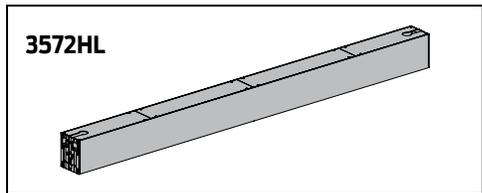
Cable that allows one control box to run two motor gear boxes. Companion cable. For use with Senior Swing.



HEADERS

HEADER, 9550-3572HL

Standard, mounting header. Pair door, two operators. Specify length 52" to 98" maximum.



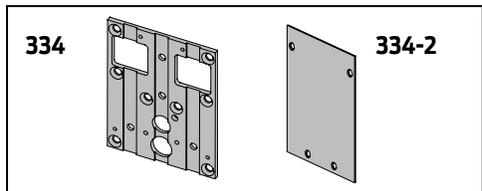
END CAPS

HEADER ENDCAPS, 9550-334

End cap with openings for wiring.

END DRESS PLATE, 9550-334-2

Metal finish end cap.



9550 SERIES

ARMS

STANDARD ARM ASSEMBLY, 9550-3077PLCM

Handed arm. (Includes 3077 regular arm assembly, 3038 track, and 3034 track roller).

REGULAR ARM ASSEMBLY, 9550-3077

Handed arm. (Includes 77 main arm assembly and 79 linkage assembly).

REGULAR LONG ARM ASSEMBLY, 9550-3077L

Handed arm. (Includes 77 main arm assembly and 79LR linkage assembly).

STANDARD ARM, 9550-3077T

Handed arm. Track roller not included.

MAIN ARM, 9550-77

Handed arm attaches to motor gearbox.

LINKAGE ASSEMBLY – 15", 9550-79

Threaded rod attaches to door. Extends from main arm.

LINKAGE ASSEMBLY – 32", 9550-79LR

Threaded long rod attaches to door. Extends from main arm. Used for reveal 10" to 20".

TRACKS

TRACK 9550-3038

Standard non-handed track.

TRACK END CAP 9550-73

Black plastic end caps.

ROLLER, 9550-3034

Quiet low friction roller assembly.

INSTALLATION ACCESSORIES

SPINDLE PLATE – 2-3/4", 9550-11A

Hides bottom of motor gearbox. Completes header box. Cutout allows for motor gearbox shaft. For 2-3/4" offset pivot or butt hinge installations.

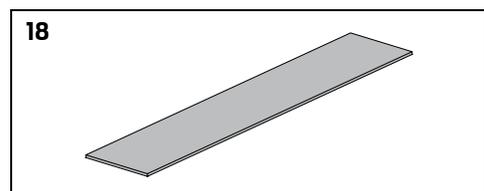
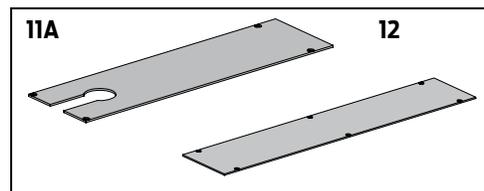
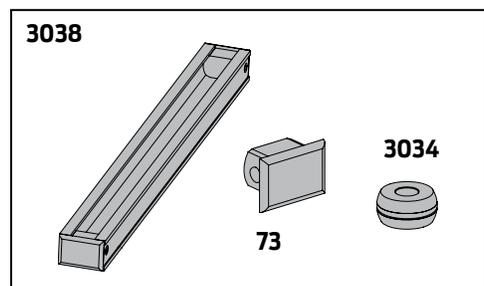
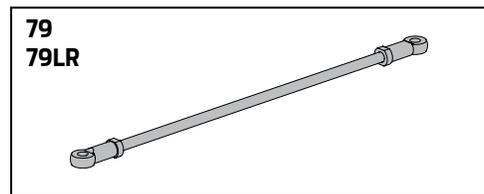
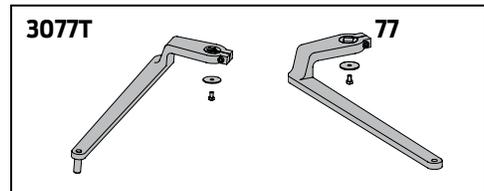
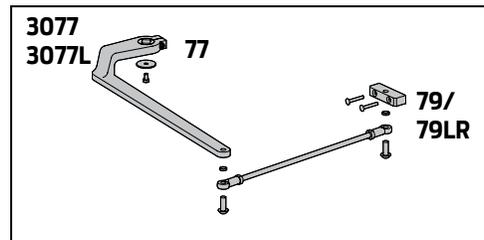
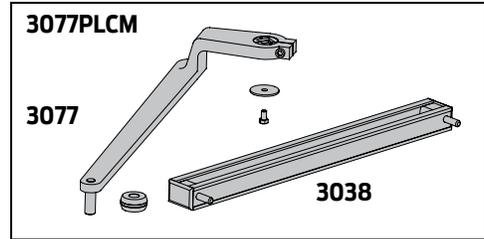
FILLER PLATE BLANK, 9550-12

Completes length of header box. (Specify length).

MOUNTING PLATE, 9550-18

Optional mounting plate for standard hollow metal door frames. Specify length 55-1/2" to 101-1/2" maximum when using angle brackets. Specify length 52" to 98" maximum when using dress plates.

NOTE: The length of a universal 18 plate will need to be ordered 3-1/2" longer than the supplied header when using angle brackets.



9550 SERIES

TABLE OF SIZES

COMBINED DOOR WIDTH



→ Indicates recommended range of door width for operator.

NOTE: For all Senior Swing Series.

Simultaneous Pair – Width per leaf 30" minimum to 48" maximum.

HOW-TO-ORDER 9550 SERIES OPERATORS

1. SPECIFY HAND

- RH
- LH

2. SPECIFY HEADER / LENGTH

- HL__ (Specify length 52" to 98")
regular or long arm
- HL__ (Specify length 60" to 98")
for standard or DE arm

3. SPECIFY FINISH

- Standard Anodized Finish _____
Aluminum or Dark Bronze.

Operator will be shipped with:

- STANDARD MOTOR GEARBOX (SF) (2 ea),
- STANDARD CONTROL BOX (SC),
- METAL COVER (at specified length 72" standard),
- REGULAR ARM (2 ea),
- 2-3/4" PIVOT POINT,
- MACHINE SCREW PACK

OPERATOR OPTIONS

MOUNTING PLATE

- Plate, ____ (Specify Length 52" to 101-1/2")

ARM

- Standard Arm (2 ea)
w/Standard Track (2 ea)
- Double Egress
Includes Standard Arm w/Track (1 ea)
& Regular Arm (1 ea)
- Long Arm (3077L)