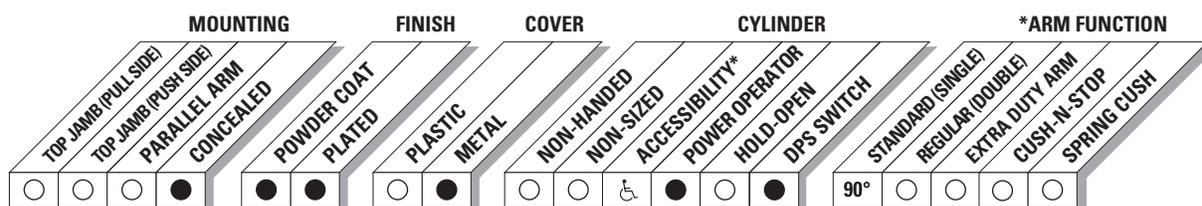


The 2610 AUTO EQUALIZER™ is LCN's pneumatically powered MULTI-DOOR solution. This low-energy power operator provides easy access for people with disabilities, or the elderly. Designed primarily for manual opening applications that occasionally require automatic opening.

<b>Certifications</b>	Grade 1 - ANSI A117.1, A156.19 UL228, ADA, 100 Hour Salt Spray, Meets BAA - Buy American Act	<b>Fasteners</b>	Wood and machine screws
<b>Body Construction</b>	<ul style="list-style-type: none"> <li>■ Cast Iron Body</li> <li>■ Full Complement Bearing</li> <li>■ 1-1/2" Diameter Piston</li> <li>■ 11/16" Diameter Double Heat Treated Pinion Journal</li> </ul>	<b>Mounting</b>	Concealed, in frame
<b>Fluid</b>	All Weather Fluid	<b>Arms</b>	Single lever arm, mounting/finish plate, standard track
<b>Handing</b>	Handed	<b>Finishes/Colors/ Powder Coat</b>	<ul style="list-style-type: none"> <li>■ Aluminum (689)</li> <li>■ Statuary Bronze (690)</li> <li>■ Light Bronze (691)</li> <li>■ Black (693)</li> <li>■ Dark Bronze (695)</li> <li>■ Brass (696)</li> <li>■ Custom colors optional</li> </ul>
<b>Size</b>	Sized 3 and 4		<ul style="list-style-type: none"> <li>■ Optional SRI primer - powder coat only</li> <li>■ Optional plated finishes</li> </ul>
<b>Warranty</b>	2 years		

**Special  
Templates**

Customized installation templates or products may be available to solve unusual applications. Contact LCN Product Support for assistance.



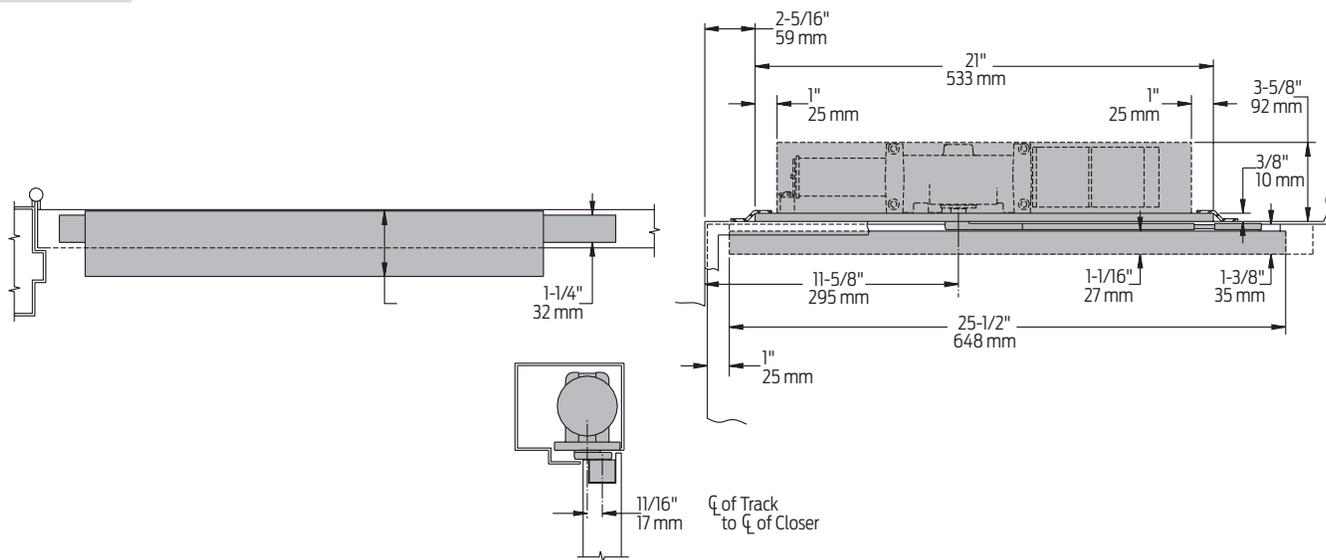
● AVAILABLE  
○ NOT AVAILABLE

♿ Meets ADA requirements (power mode).  
\* See individual series for maximum manual opening.

# 2610 Series Auto Equalizer

## Mounting details

### Concealed Mounting



<b>Butt Hinges</b>	Should not exceed 5" (127 mm) in width
<b>Auxiliary Stop</b>	Recommended
<b>Head Frame</b>	Minimum 4" (102 mm) x 4" for hollow metal or aluminum tube construction
<b>Top Rail</b>	<ul style="list-style-type: none"> <li>1-3/8" (35 mm) mortise required</li> <li>5/16" (8 mm) cutout required at top of the door, push side only</li> </ul>
<b>System Diagram</b>	See "AUTOMATIC OPERATORS" section pages 8-9 for typical system wiring, and pages 28-29 for electrical and pneumatic data for control boxes
<b>Maximum opening</b>	<ul style="list-style-type: none"> <li>Butt hinge template allows 90° power opening and 160° manual opening</li> <li>Please note that many track style door closers are capable of allowing 180° of door swing</li> <li>Track style closers are at their weakest closing force at 180°</li> <li>Consult factory for applications where exterior or large/heavy door must swing 180°</li> <li>Consult factory for all pivot mounted installations</li> </ul>

#### Notes:

- For interior or exterior doors
- Single acting cylinder in head frame
- Concealed arm and track in door top rail
- Consult factory for all pivot mounted installations.
- Multi-door solution utilizing 10,000,000 cycle heavy duty door closer
- Requires control box with integral compressor or control box using auxiliary air supply. See CONTROL BOX pages 28-29 and actuators and accessories, pages 115-131
- Guard rails/safety mats not required

## Cylinders



**2610-3971**  
Cast Iron Cylinder Assembly

- Handed
- For various applications see "Table of Sizes" on 2610 Series page 14
- Standard



**2610-3971 DPS**  
Cast Iron Cylinder Assembly

- Handed
- With door position switch which sends signal when door is closed
- Standard



**2610-3071**  
Cast Iron Cylinder Assembly

- Handed
- Mounting plate
- For various applications see "Table of Sizes" on 2610 Series page 14
- Standard



**2610-3071 DPS**  
Cast Iron Cylinder Assembly

- Handed
- Mounting plate with door position switch which sends signal when door is closed
- Standard

## Arm



**2610-3077T**  
Standard Arm

- Handed
- Track roller not included with arm

## Track



**2610-3038**  
Standard Track

- Non-handed
- Will not accept hold open clip or bumper assembly
- Standard

## Installation Accessories



**2610-3034**  
Track Roller

- Quiet, low friction roller assembly
- Shoulder dimension "X" = 1/16" (2 mm)

### How-to-order 2610 Series

#### Select cylinder size

- 2613
- 2613 DPS
- 2614
- 2614 DPS

#### Select hand

- RH
- LH

#### Specify finish

- Standard Powder Coat \_\_\_\_\_  
Aluminum, Dark Bronze, Statuary, Light Bronze, Black, Brass

#### Closer will be shipped with:

- Standard arm
- Track roller
- Standard track
- Wood & machine screw pack  
unless options listed below are selected.

### Closer options

#### Finishes

- Custom Powder Coat (RAL)
- Plated Finish, US

#### Screw pack

- Wood & Machine Screw (WMS)

#### Special template

- ST- \_\_\_\_\_

### Table of sizes

- Select closer based on width of door
- Sized 2610 Series cylinders available in size 3 or 4
- Closing power of all 2610 Series closers may be increased 15%

#### Exterior (and Vestibule) door width

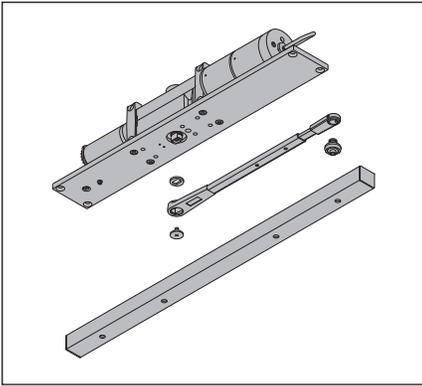


#### Interior door width

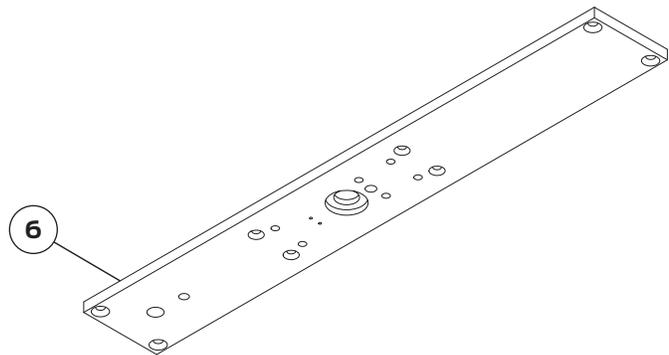
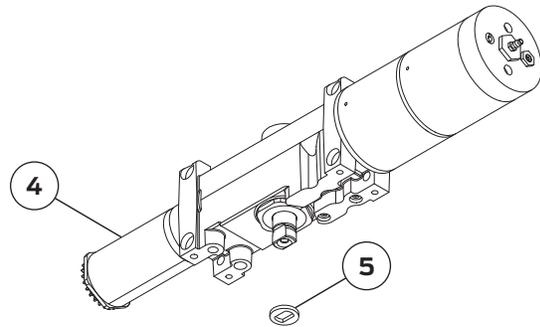
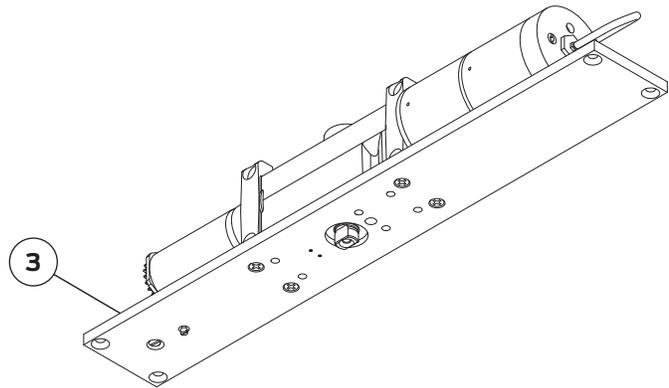


NOTE: Minimum door width 30" (762 mm).

## 2610 Series "Auto-Equalizer"



Cylinders & Mounting Plate



No.	Description	Part number
1	Activation Decal *	2610-155-2
2	Caution Decal †	2610-155-1
3	Standard Cylinder Assembly (F)(S)(H)‡	2613(4)-3071
3	DPS Standard Cylinder Assembly (F)(S)(H)‡	2613(4)-3071DPS

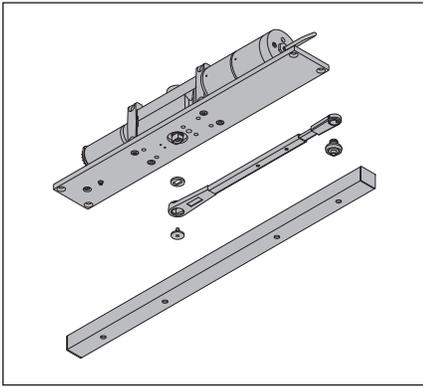
No.	Description	Part number
4	Cylinder Only (F)(H)	2613(4)-3971
4	DPS Cylinder Only (F)(H)	2613(4)-3971DPS
5	Spacer	2610-61
6	Mounting/Finish Plate (F)(H)	2610-3002

\* Blue/White Switch decal.  
 † Black/Yellow Cation decal.

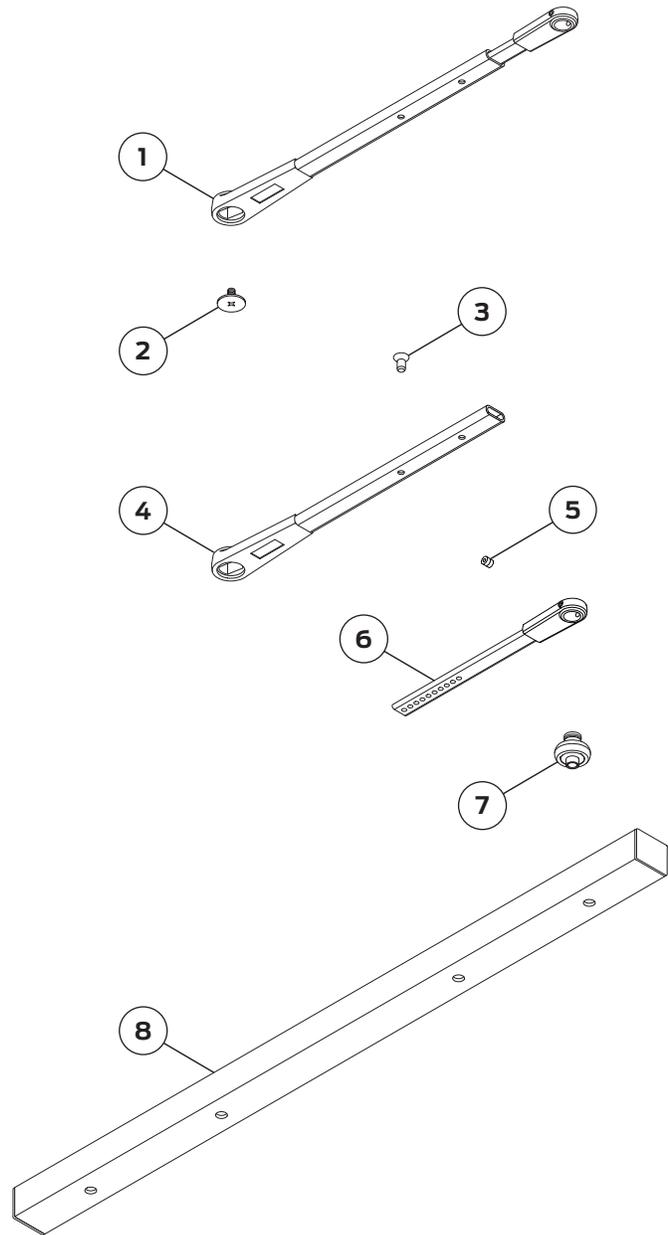
‡ Includes No. 6.

Please specify finish (F), size (S), and hand (H) where indicated. See the latest edition of the LCN catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN price book.

## 2610 Series "Auto-Equalizer"



Arm & Track



No.	Description	Part number
1	Standard Arm (F)(H)*	2610-3077T
2	Arm Screw (F)	2610-159
3	H Arm Screw	2610-83H
4	Arm & Tube (F)†	2610-78
5	Roller Lock Screw	2610-425

\* Includes Nos. 2, 3, 4, 5, & 6.

† Includes No. 2.

No.	Description	Part number
6	Rod (F)‡	2610-82
7	Track Roller	2610-3034
8	Standard Track	2610-3038
9	WMS Screw Pack (F)(Not Shown)	2610-WMS

‡ Includes No. 3 & 5.

Please specify finish (F) and hand(H) where indicated. See the latest edition of the LCN catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN price book.