

SST - 4035E 15" Opening Service Manual



[Click the Procedure to View](#)

Operation and Maintenance Procedures	2
Component Rack Assembly	3
Limit Switch and Door Flag Adjustment	4
Window Does Not Operate	5
Motor runs, but Door Does Not Operate	5
Door or Doors Stay in the Open Position	6
Motor Will Run for a Short Period Then Stops	7
Doors Are Dragging or Binding	7
Electrical Component Layout	8
Electrical Component Layout After Serial Number 38600	9
Replacement Parts	10
Eye Set Hookup	11
Warranty Service Policy	12

Automatic Slider Operation and Maintenance Procedures

Operation Procedures:

- Unlock all locking mechanisms and ensure that the doors are free of obstructions.
- Turn the Power Switch to the “on” position, located on the upper left hand corner.
- Proper operation of the “Up-Eye” unit requires the attendant to be directly in front of and over all 3 photoelectric sensors while serving. Proper operation of the “Thru-Beam” unit requires the attendant to stand between the Emitter and Receiver eyes.
- <Note> The outside edge of the photo-bar should be lined up with the outside edge of the locking jamb.

General Cleaning Guidelines:

- All weather-stripping should be checked and cleaned weekly.
- All glass, aluminum framing, stainless steel, and plastic eye covers & lens should be kept clean at all times. ***All cleaning fluids and applicators should be non-abrasive.***

Warning

For your own safety, turn power switch OFF before removing the access panel.

General Maintenance:

- Slide rail system should be kept clean and re-oiled with lightweight oil every six (6) months.
- The hook lock and thumb turn should be cleaned of any grease or grime build up every six (6) months.
- The eye covers, whether “Up-Eye” or “Thru-Beam”, should be cleaned of any dirt or debris daily with a non-abrasive cleaner.

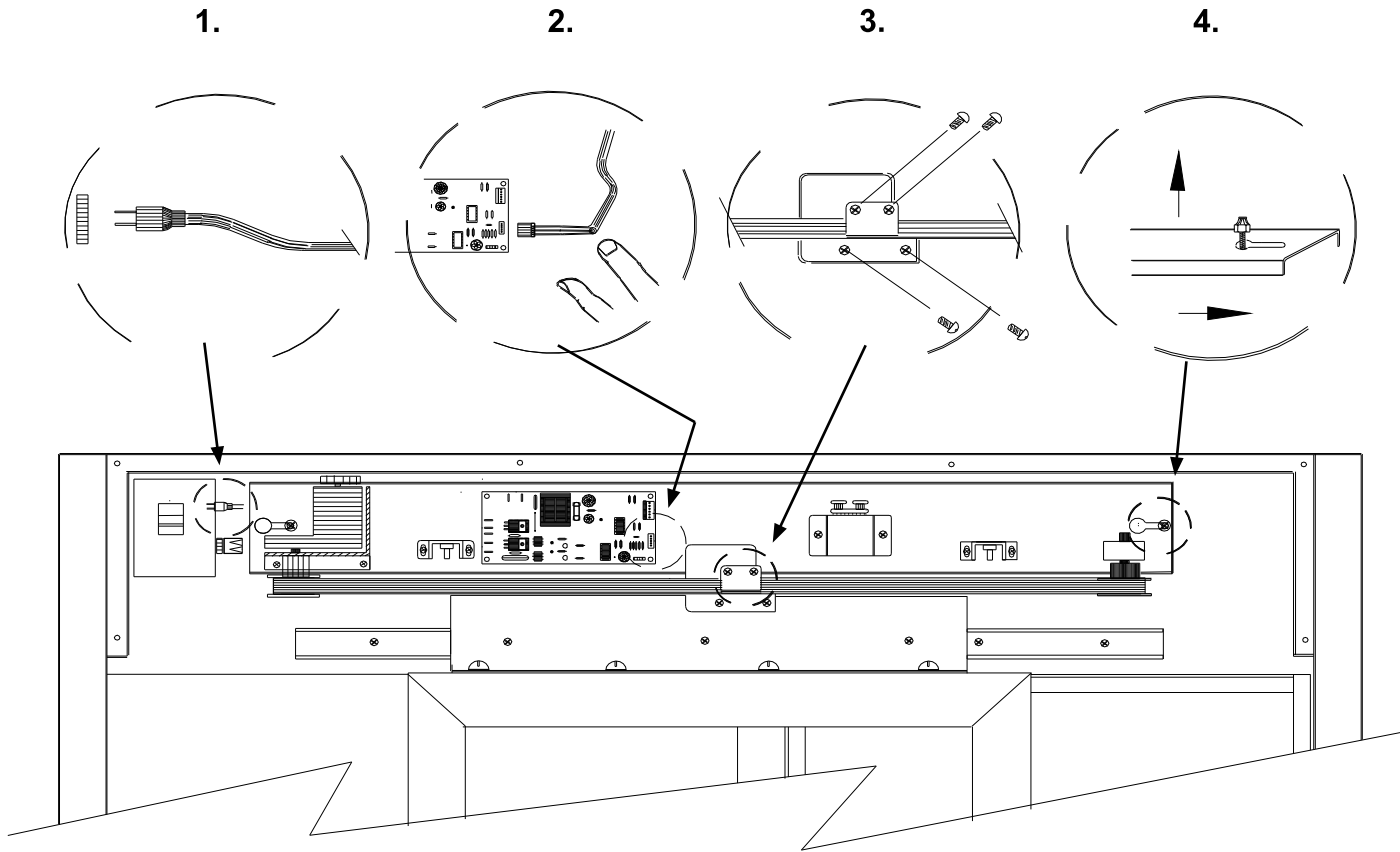
To gain access to the internal components for each window, the access panel must be removed.



Warning: For your own safety, turn power switch OFF before removing access panel

CAUTION: Power Supply = 120 V

Figure 2



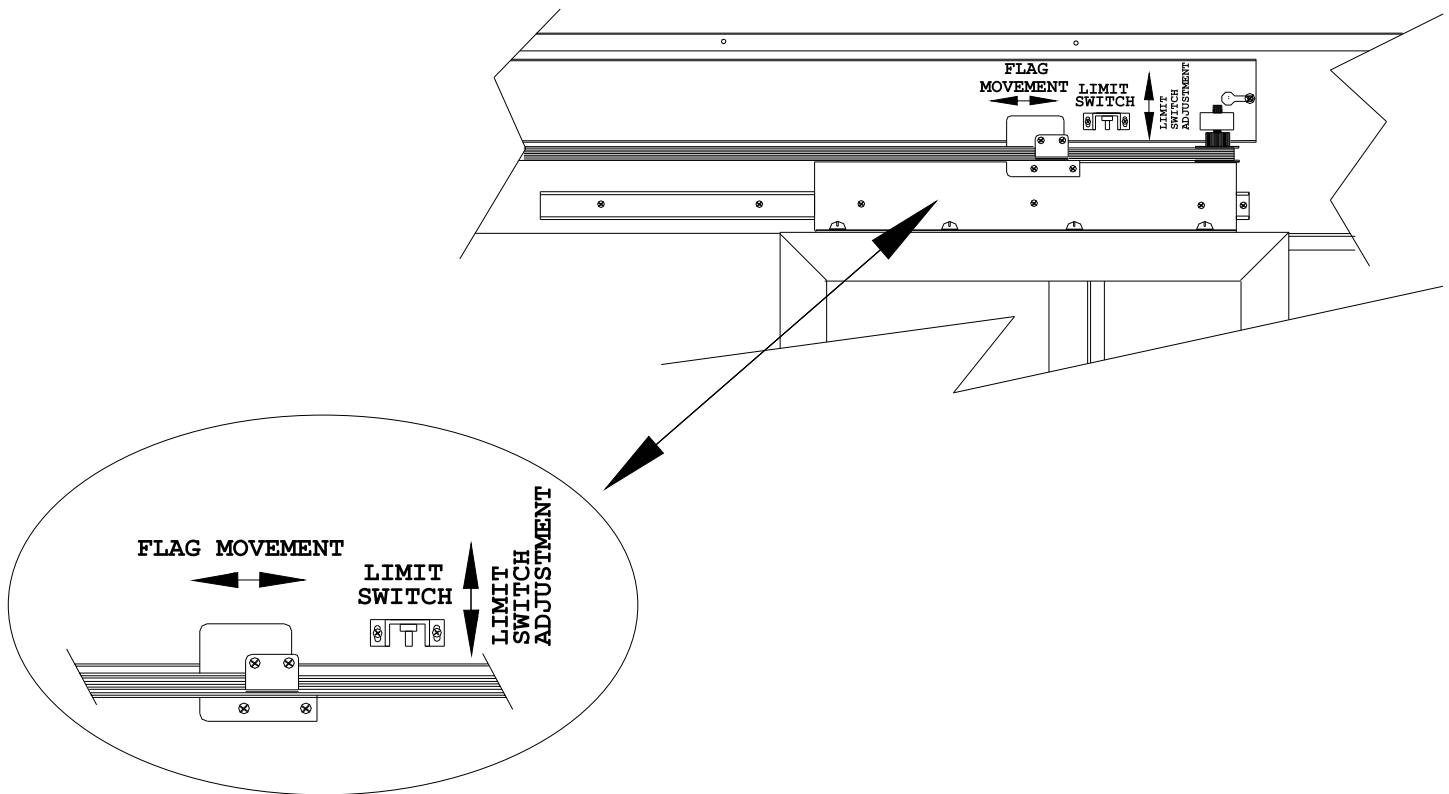
Component Rack Assembly

To remove the component rack assembly - see **Figure 2:**

1. Unplug power cord from the internal outlet.
2. Remove the **lower** 5-pin connector.
3. Disconnect the flag bracket(s) from the door bracket.
4. Loosen the two (2) 7/16" nuts at each end of the component rack.
5. Remove component rack assembly by sliding rack to the right and lifting out.

Please refer to the TROUBLE SHOOTING CHARTS (pg. 5-7) in this manual for additional information on the window adjustments or service procedures.

Contact us at **(800) 388-8307** for assistance or for information on the nearest service center in your area.

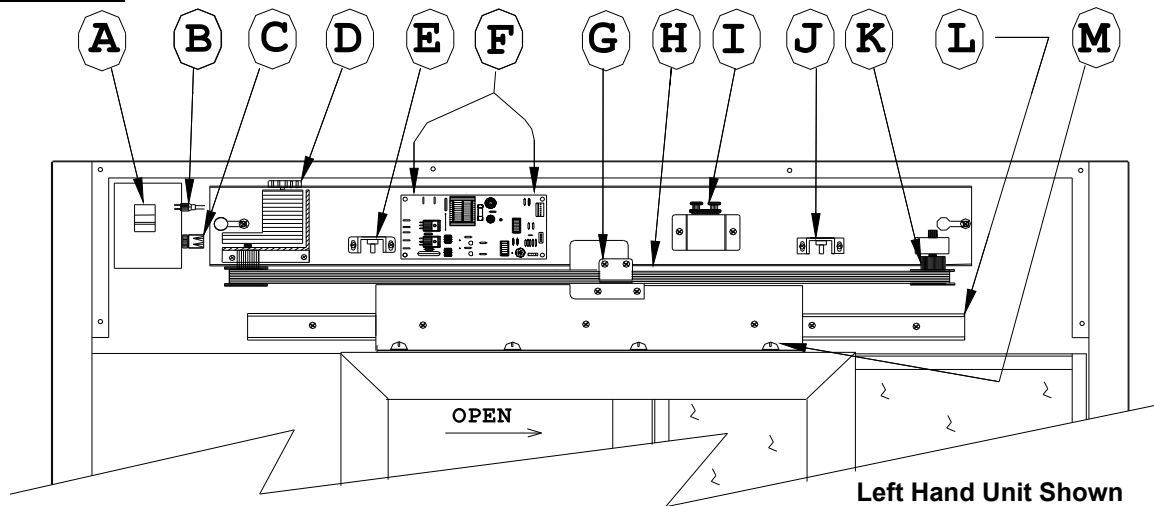
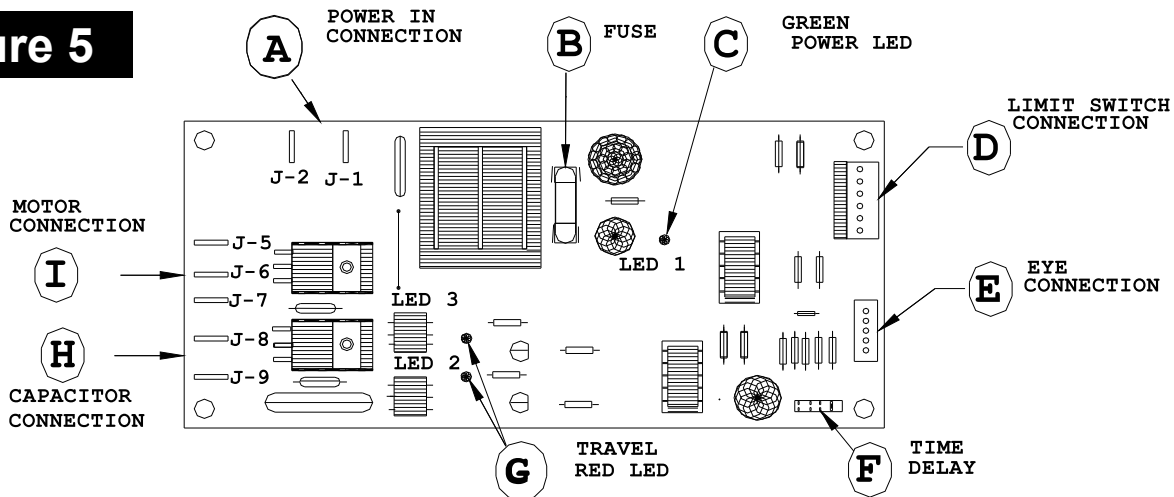
Figure 3

Warning: For your own safety, turn power switch OFF before removing access panel

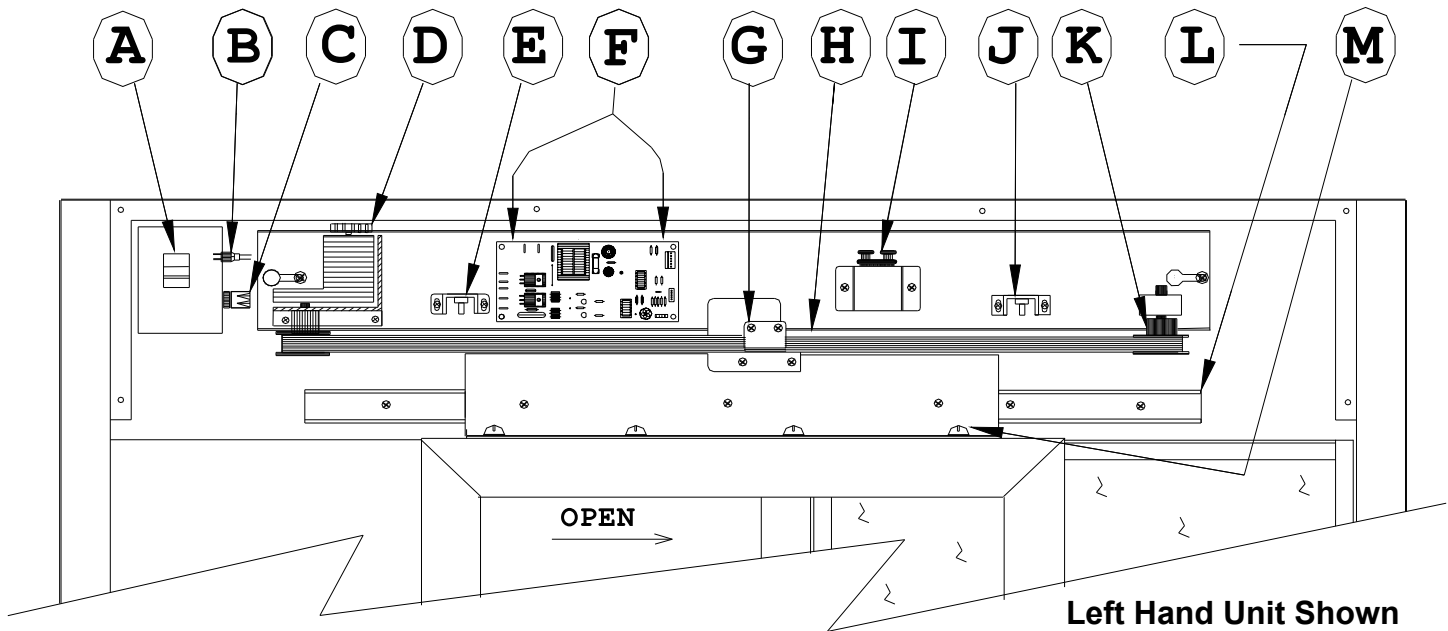
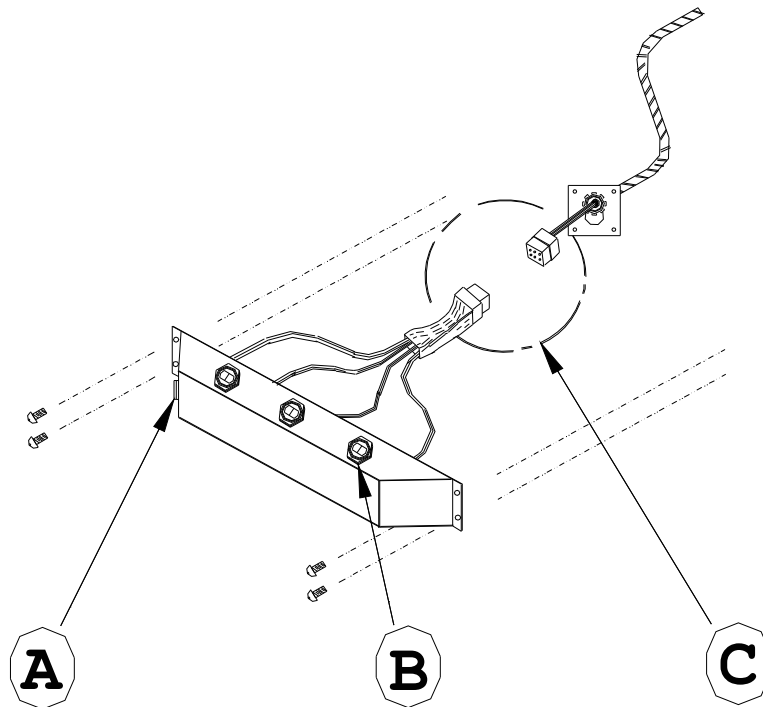
Limit Switch and Door Flag Adjustment

The location of the limit switch can be adjusted by loosening the two (2) screws in the bracket and by moving the bracket up or down in the adjustment holes. When set properly the switch should clear the flag by approximately 1/16". When the flag is positioned within the switch, the red LED door travel light on the PC Board should be OFF.

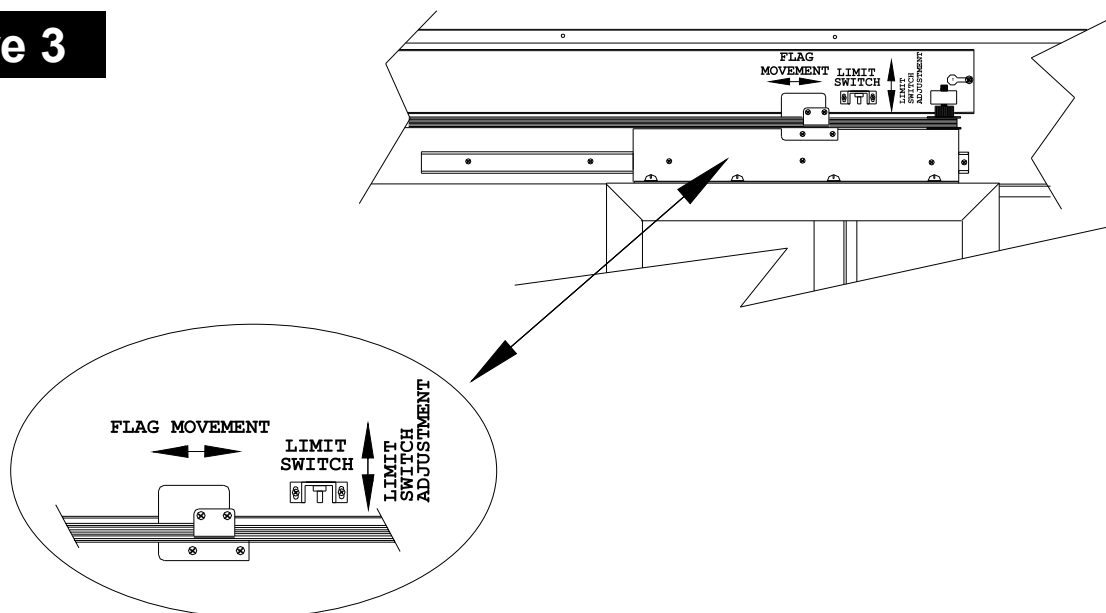
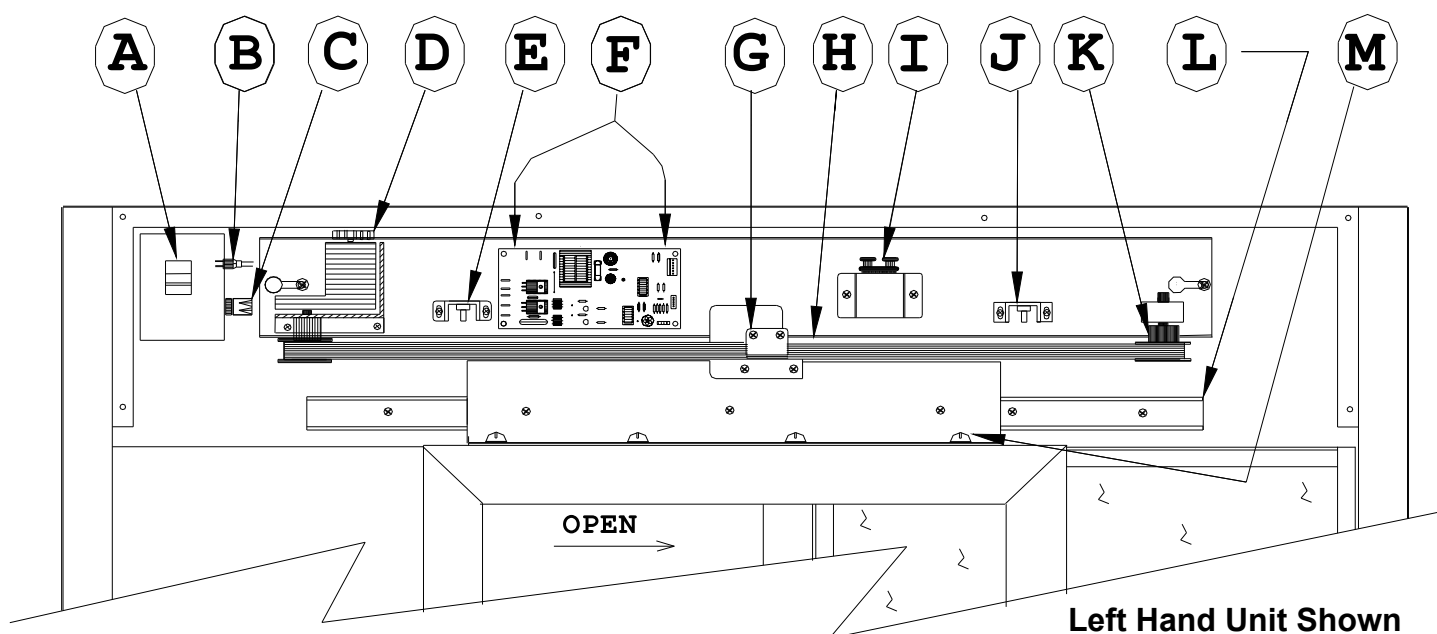
Note: One of the red LED lights on the PC Board should only be "ON" when the door or doors are moving.

Figure 4**Figure 5**

Trouble	Probable Cause	Probable Solution
Window Does Not Operate	1. No power to the unit	Check the circuit breaker
	2. Power Switch is off or defective	Turn on switch or replace (Fig. 4-A)
	3. Fuse in switch or PC Board Blown	Check and replace (Fig. 4-C or 5-B)
	4. Component Rack not plugged in	Check and plug in (Fig. 4-B)
	5. Open Limit Switch defective or disconnected	Replace or reconnect (Fig. 4-E & J)
	6. Defective Eye Set	Replace defective part (Fig. 9-A) (Pg. 11)
	7. Obstruction in the door movement	Check locks, slide rail, and remove obstructions
	8. Defective motor or capacitor	Replace defective part (Fig. 4-D & I)
	9. Thermal overload tripped in motor	Caused by obstruction or strain to the motor - check for obstruction or adjust the limit switch (Fig. 4-E & J)
	10. Defective PC Board	Replace (Fig. 4 -F)
Trouble	Probable Cause	Probable Solution
Motor runs, but the door does not operate	1. Motor shaft pulley or block pulley is loose	Tighten pulley or replace (Fig. 4-D (bottom of motor) & K)
	2. Broken drive belt	Replace the defective part (Fig. 4-H)
	3. Door bracket disconnected from the drive belt	Connect the door bracket to the drive belt (Fig. 4-G)

Figure 4**Figure 6**

Trouble	Probable Cause	Probable Solution
Door or doors stay in the open position	1. Close limits switch is defective or disconnected	Replace or reconnect (Fig. 4-e)
	2. Eye assembly is unplugged or disconnected	Check connection points and connect (Fig. 6-C)
	3. Photo-eye is obstructed by a person or some other object	Remove Obstructions
	4. Faulty wire connection	Check all connections - repair or replace
	5. Defective PC Board	Replace (Fig. 4-f)
	6. Handicap button pushed in or the switch is defective	Push switch to the off position or replace (Fig. 6-A). Not Applicable on serial no.'s above 35,700

Figure 3**Figure 4**

Trouble	Probable Cause	Probable Solution
Motor will run for a short period then stops:	1. Thermal overload in the motor has been tripped	Limit switch or switches may not be set properly (Fig. 3) & (Fig. 4-E & J) - clear obstructions that may inhibit the door movement - if power is on; ensure that the door or doors are unlocked.

Trouble	Probable Cause	Probable Solution
Doors are dragging or binding	1. Slide rail has dirt or debris build-up or the rail is loose	Clean and oil or tighten (Fig. 4-L)
	2. Door bracket loose	Tighten screws (Fig. 4-M)

Figure 7

Electrical Component Layout

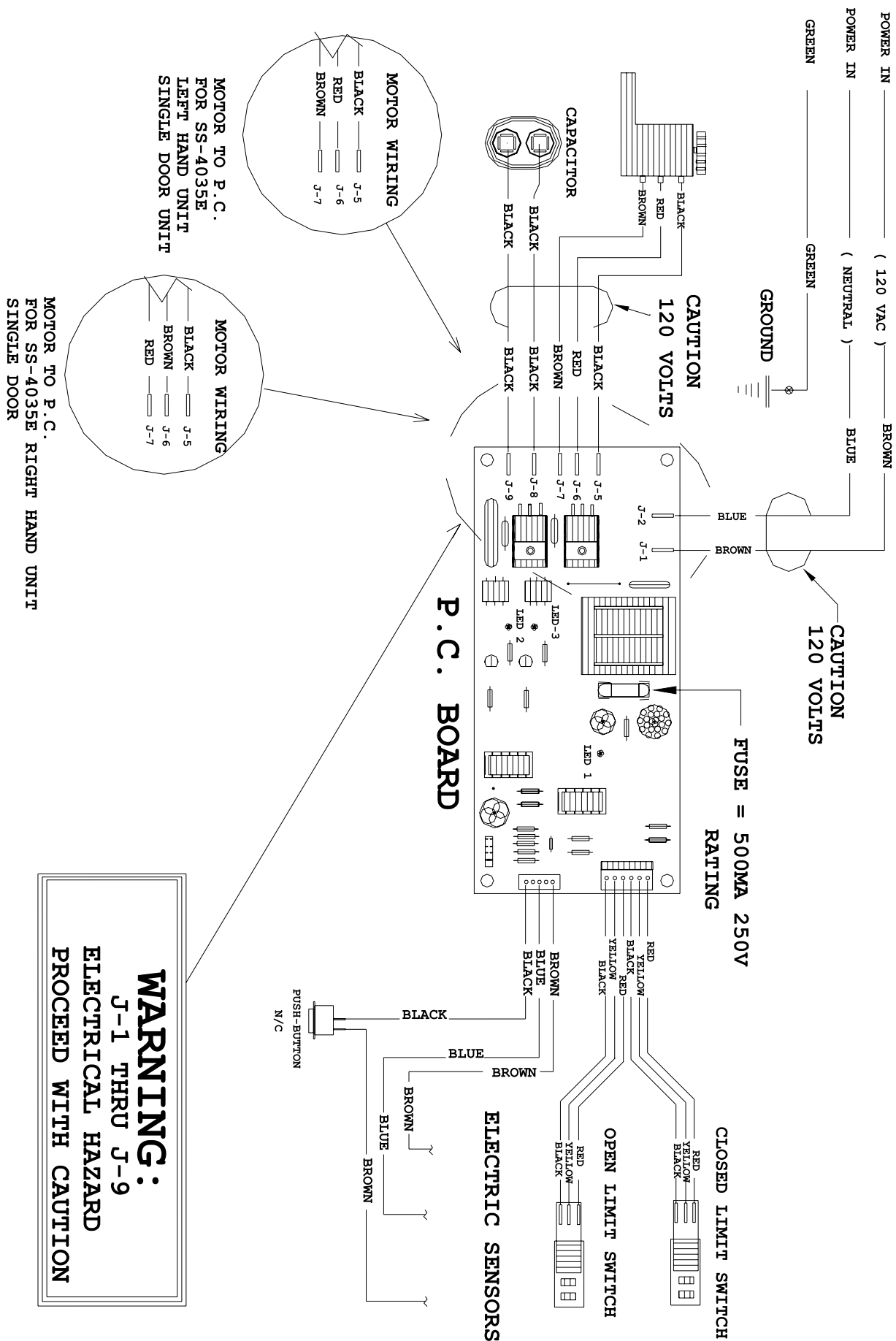


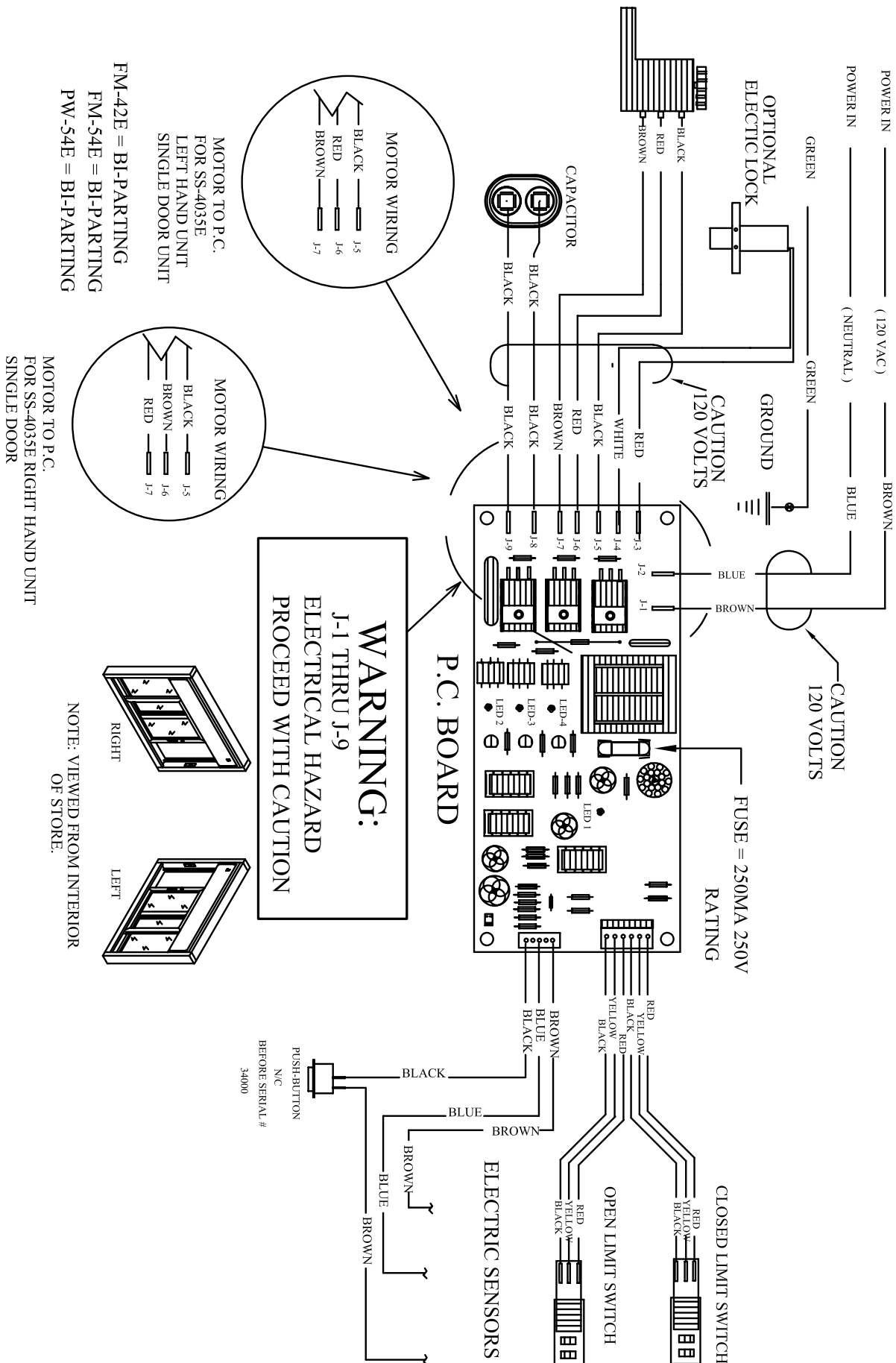
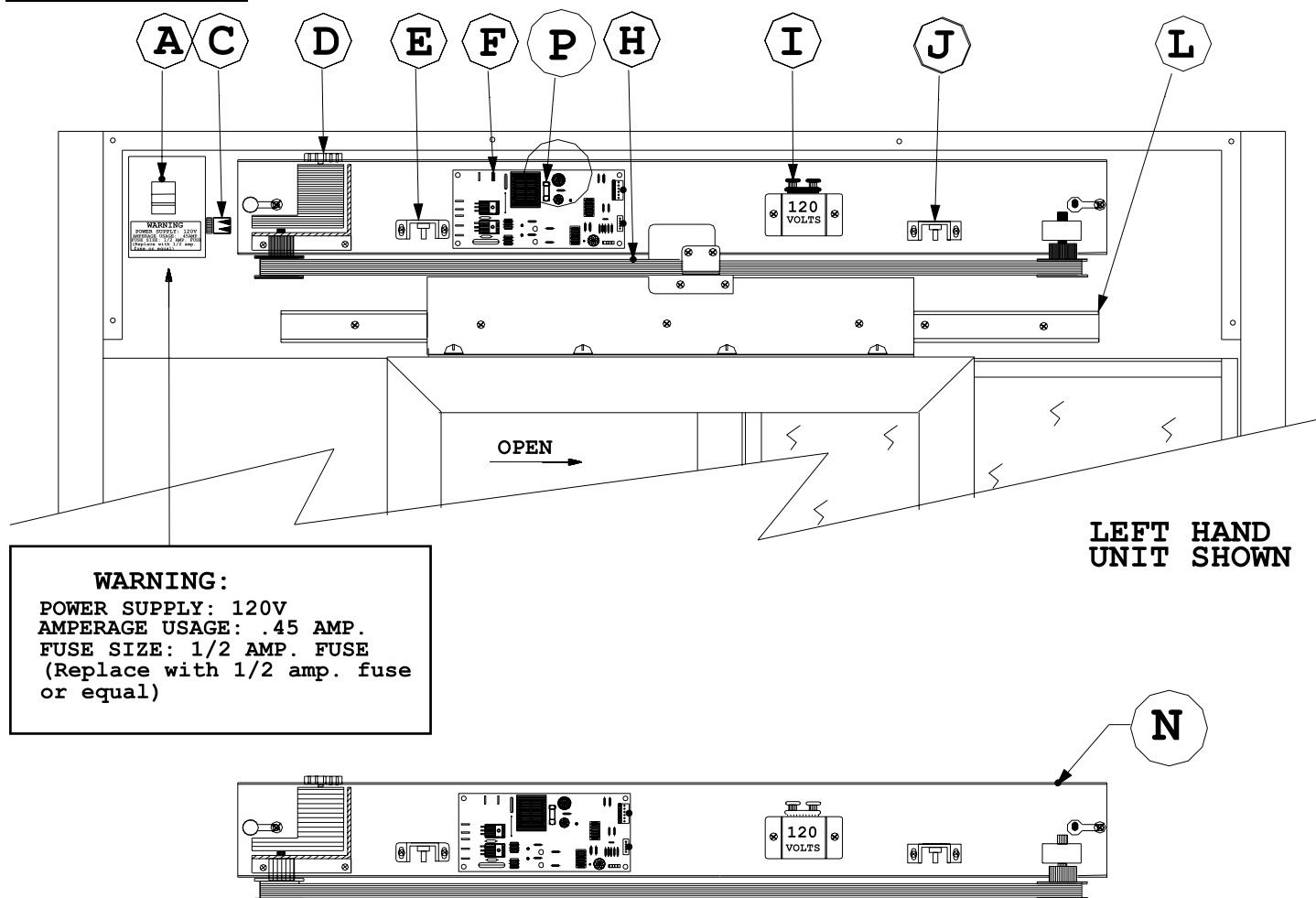
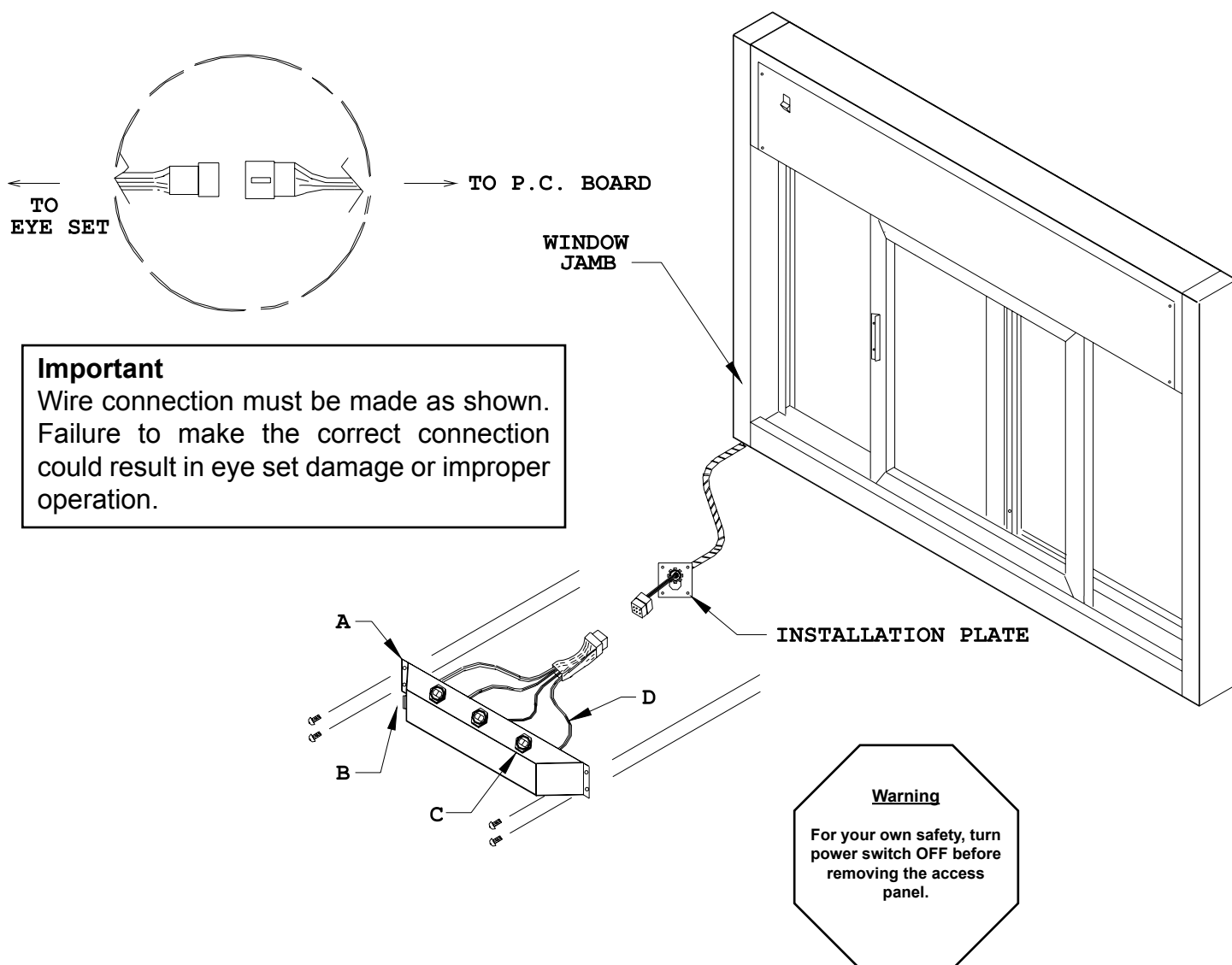
Figure 7 A**Electrical Component Layout After Serial No. 38600**

Figure 8

Replacement Parts for Single Sliding Door

Key No.	Part No.	Description
A	4413	On/Off Switch
C	4425	1/2A 250V in line fuse
D	5615	Drive Motor Assembly
E/J	4451	Limit Switch (2)
F	4460	P.C. Board
H	1052	Drive Belt
I	4401	Capacitor
L	1917	Slide
N	5548	Complete Component Rack
P	4430	500MA 250V P.C. Board Fuse

Eye Set Hookup

Figure 9


Key No.	Part No.	Description
A	5602	Thru-Beam Eye Set Assembly
A	5604	Photo-Electric Up-Eye Set Assembly (Shown Above)

Key No.	Part No.	Description
B	4414	Open / Close Switch
C	5323	Protective Plastic Ring
D	4403	Set of Thru-Beam Eyes
D	4404	Set of Up-Eyes

Warranty Service Policy

1. Quikserv Corp. MUST be notified of a warranty situation before any work is performed. Otherwise, Quikserv Corp will not be responsible to pay for unauthorized work.
2. Quikserv Corp. requires the following on each invoice submitted: an itemized account of work performed detailing hours charged and parts used, along with a short detailed description of the problem noted.
3. Quikserv Corp. will authorize a set dollar amount to be invoiced prior to performing services that will be rendered. This amount will be determined from the initial call to the service company as a fair maximum. If additional amounts are to be invoiced, they must be discussed with Quikserv Corp. prior to invoicing.
4. A service technician on a warranty service call needs to call our customer service department at (800) 388-8307 or (713) 849-5882 before leaving the job site.
5. A service company representative needs to call the store where the work is to be performed prior to going to that store. Set up a date and approximate time of arrival and if it is foreseen that the agreed upon time cannot be met, contact the store and make other arrangements.
6. Warranty parts sent to service companies are parts previously decided on that should cover the necessary repairs. Additional parts will be sent upon notification to Quikserv Corp.
7. Quikserv Corp. needs to be notified of any extra parts - either to be sent back or to be kept by the service technician. Any parts that were replaced must be returned to Quikserv Corp. if required verbally or on the service work order copy supplied with the parts sent by Quikserv Corp. If the parts are not returned, the part cost + mark up will be deducted from the service invoice.
8. A purchase order number will be given either verbally or on the service work order from Quikserv Corp. Please use this on all invoicing.
9. Work required on a window unit not covered under Quikserv's warranty must be reported to Quikserv Corp. before work is begun.
10. Quikserv's payment terms are net 30. The information above will help us assure the fastest and most efficient service possible. For further information or if you have any questions, please do not hesitate to contact us at (800) 388-8307.

Customer Service Department