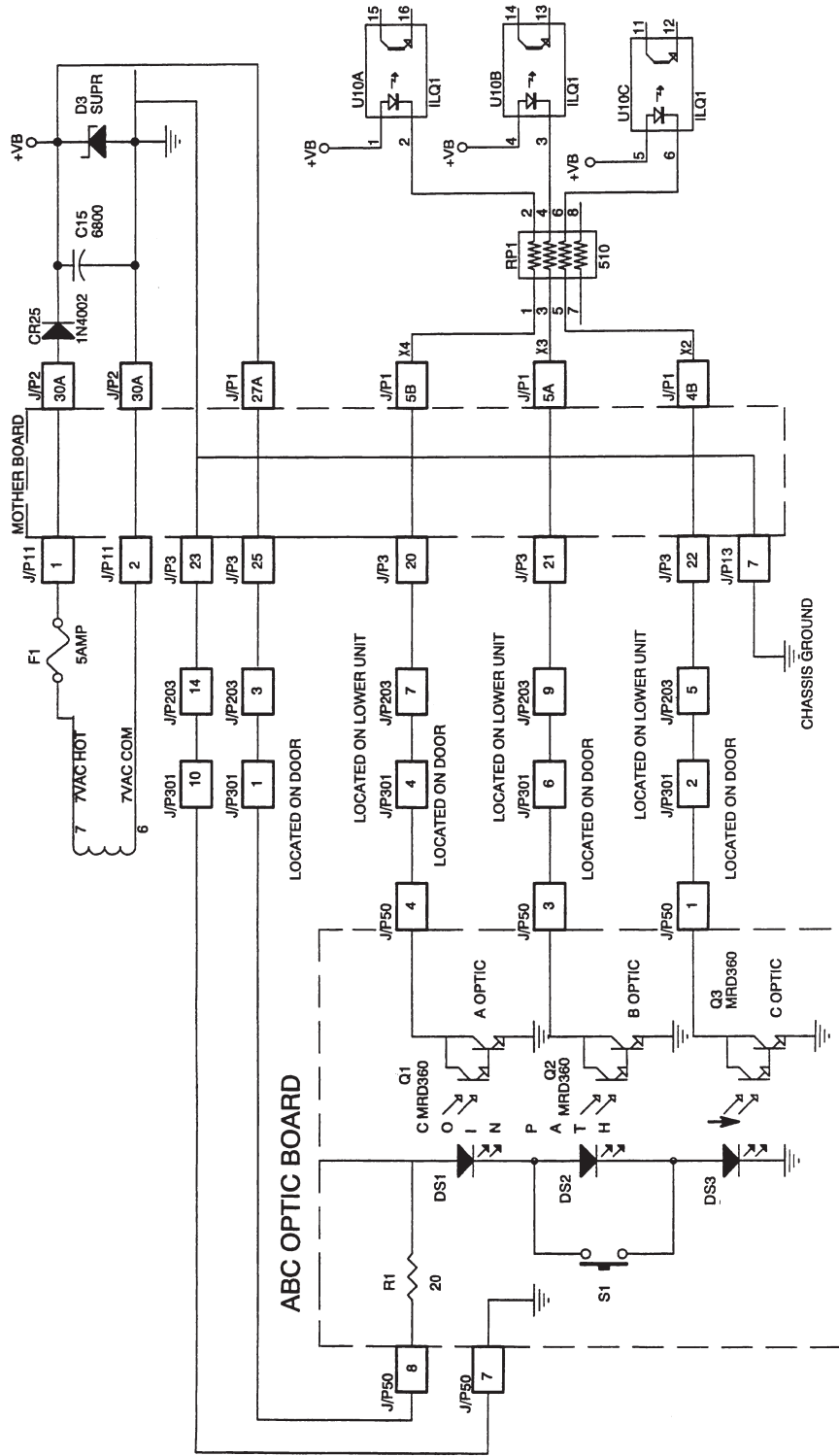


## Problem: Coin-In Timeout (Optic Sensors Blocked for Over 100 msec)

Player's Edge-Plus Inputs



### WIRE CONTINUITY TEST

LED Side: J/P50-8 to J/P3-25  
LED Side: J/P50-7 to J/P3-23  
DET Side: J/P50-4 to J/P3-20 (A Optic)  
DET Side: J/P50-3 to J/P3-21 (B Optic)  
DET Side: J/P50-1 to J/P1-22

### MOTHERBOARD CONTINUITY TEST

J/P3-20 to J/P1-5B  
J/P3-21 to J/P1-5A  
J/P3-22 to J/P1-4B  
J/P13-7 to J/P3-23  
J/P13-7 to J/P11-2, J/P2-30A & J/P3-23  
J/P3-25 to J/P1-27A

### PROCESSOR BOARD TEST

Check Vb at U10 (negative lead on B ground use positive lead to check pins 1, 4, & 5 for Vb (~8-9VDC))  
Test U10 - if problem continues, then replace  
Test RP1 - if problem continues, then replace

*Before removing the processor board, check the following areas:*

- ✓ Use input test 11 & 12 to verify problems
- ✓ Check for any obstruction in the ABC optics
- ✓ If the diverter paddle moves slowly, then clean and repair it
- ✓ Unplug the 10-pin plug at J/P50, to measure pins 1, 3, & 4 for ~8 VDC and Vb at pin 8 (ground lead on chassis)
- ✓ Check pin 7 for ground (green wire)
- ✓ If the voltage is good, replace ABC optics
- ✓ If the voltage is missing, then check harness wiring and plugs

*If that doesn't work, try the following steps:*

- ⇨ Change the ABC optics, and test
- ⇨ Replace the processor board, and test
- ⇨ If the processor board seems bad, verify in the tester
- ⇨ If the processor board is good, then replace the motherboard
- ⇨ To repair the motherboard, use this diagram below to isolate the bad trace
- ⇨ If the processor board and motherboard is good, then go to the machine and check the wire continuity using the wiring diagram provided on this page