



Kurz-Kas

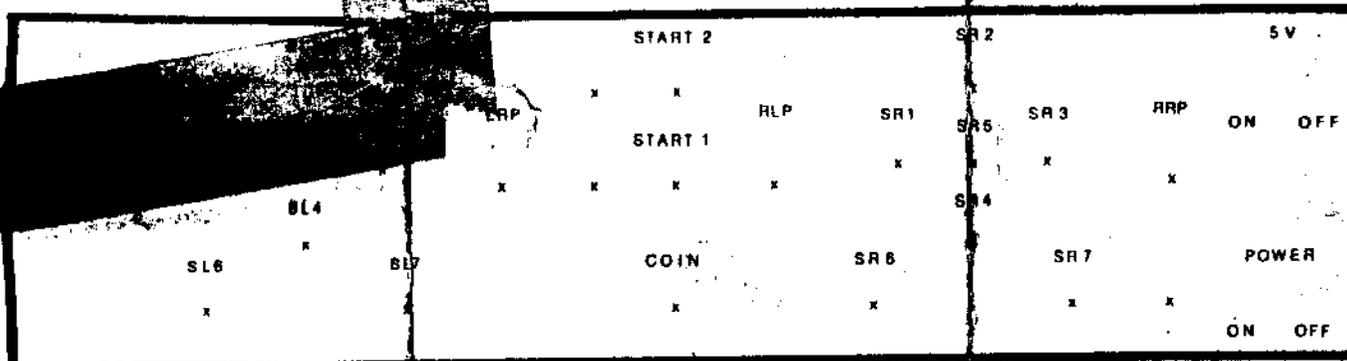
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Operating Instructions For Model

273A, 270BC

Solenoid Driver

Bally/Stern



1. Insert the 270C card into the test fixture, number side up.
2. Insert the 273A card into the Program A connector, number side up.
3. Connect the 5 cables to the Solenoid Drive board.
4. See step 16 for testing the 190V regulator.
5. Slide the 5 Volt switch to "ON".
6. Slide the POWER switch to "ON".
7. The 47 ohm 1 W resistor on the 273A card is a load for the 5V regulator. Notice, the 5V at TP3 comes from the test fixture, and not from the 5V regulator.
8. SR-1 enables PB6, the flipper relay. The L.E.D.'s "L" and "R" indicate continuity through the relay contacts.
9. SR-2 enables PB5, the coin lock out, indicated by L.E.D. "5".
10. SR-3 enables PB7, indicated by the L.E.D. "7".
11. SR-4 enables PB4, indicated by the L.E.D. "4".
12. Push START 2 to reset the counter circuit on the 270C card.
13. Push START 1 to enable U2, the 1 of 16 decoder on the Solenoid Driver board. The outputs will light the L.E.D.'s on the 270C card.
14. Push COIN to advance the counter by one count. Holding the COIN button down, will allow the count circuit to count at about one count per second.

273A, 270Bc

15. Slide the POWER switch to "OFF".
16. To check the 190 volt regulator, insert the 270 card into the program B connector, number side up. When not checking the 190V regulator, remove the 270B card.
17. Select 230V on the 270B card.
18. Connect the E-Z hook probe to TP4, the input to the 190V regulator.
19. Slide the 5V switch to "ON".
20. Slide the POWER switch to "ON".
21. Monitor the 190V at TP2 with a voltmeter while adjusting the voltage at RT1.
22. Slide the POWER switch to "OFF".
23. Remove the 270B card.