

## TROUBLE SHOOTING



**MACHINE IS DEAD** and the Fluorescent lights do not lite:

1. Check to see if there is 110 volts at wall receptacle.
2. Plug a 110 volt item into the 110V Outlet inside the machine to verify that the line cord is good.
3. Check to see if the 5 amp line fuse (no. 6) is not blown.

**MACHINE IS DEAD** and the fluorescent lights are lit and the LED Display is not lit:

1. Check the fuses (nos. 1-5). Play the machine a few times after replacing the fuse and if it blows again locate the problem.
2. Unplug each peripheral component separately (Reel Mech, Hopper, Sound Board, Top Sign Unit, and Progressive Unit). **TURN OFF POWER SWITCH** while unplugging each component. If the problem is in any of these units the LED lights will come on.

3. Check the Power Supply Unit: 1. Check the three voltages on the Test Clips (page 58).

If the "J1" Wafer is blackened chances are that the Power Supply Board is at fault. This may be caused by a faulty part or a bad connection. To correct the latter, pull out the corresponding pin, clean and replace.

**MACHINE IS MALFUNCTIONING** and the LED Display is lit: Refer to Malfunction Codes on pages 20-23 & 26.

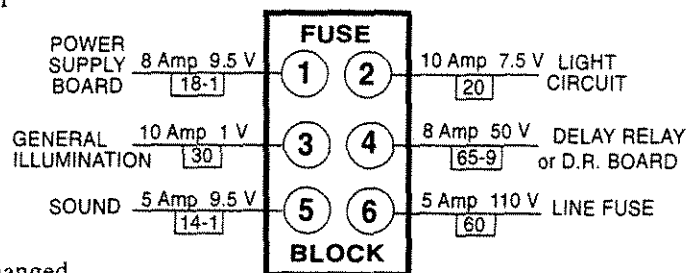
**REPLACING FUSES:** Turn off the main **POWER SWITCH**

before inspecting fuses. Replace the fuse and test the machine. If the fuse blows again locate the problem.

**HOPPER FUSE** 5 Amp 3 AG Hopper Fuse is located on the front frame of the Hopper. A red lamp, located above the fuse, lights when the fuse is burned out.

**SWAPPING BOARDS:** If a second machine is available a problem may be located by swapping boards, The M.P.U.

Boards on a Series 1000 and Series 2000 can not be interchanged.



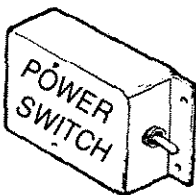
A typical fuse configuration

**REELS KEEP SPINNING.** Check the Kick and Arm Switches (see page 33).

**NOT READING REELS:** Check the Reel Reader Assembly for a light reading malfunction. The early models used a 50 volt lamp (#860) and on the later ones utilized an infra-red LED. (See page 46). To adjust the Position Readers refer to page 32. To check to see if the Position Reader is aligned with the holes on Index Discs see page 13.

**CHECKING POWER ON BOARDS:** Check the individual voltages on the Test Clips (TP1, etc.) for each board. I/O Board, page 54 (5 volts); M.P.U. Board, page 56 (5 volts); Sound Board, page 55; and Power Supply Board page 58.

**CHECKING P.C. BOARD FLAT CABLES.** Turn off **POWER SWITCH** remove carefully and test corresponding pins on each end of the cable for continuity with a tester.



**ALWAYS** turn off the main Power Switch and unplug the line cord before removing or installing any assembly, connector or component. Before handling Integrated Circuits be sure to dissipate any static charges which may have built up in the body. Some of the Integrated Circuits may be damaged by direct contact with static electricity.



## A PARTIAL LIST OF DEALERS THAT SELL PARTS

Bally Gaming, Inc., 1-(800) HOT SLOT, 6601 So. Bermuda Rd, Las Vegas, NV 89119 Bally Gaming, Inc., Northern Nevada, (702) 685- 7737, 1400 Greg St., Sparks, NV 89431

Bally Gaming, Inc. will only sell and repair parts with customers that are a Nevada resident and have a valid Nevada driver's license. Non-residents may obtain parts and repairs through independent dealers in legal states.

Wico Corporation, 1-(800) FOR WICO (some electronic & mechanism parts) 6400 West Gross Point Rd., Niles, IL 60714. Wico offers a catalog that pictures E machine parts and lists their cross reference numbers.

For a local parts dealer in "legal states" refer to the "Slot Machines — Antique" listing in the phone book's yellow page index. These dealers names and addresses are also available in the many trade publications.

## Dealer Repairs

For a local repair technician in "legal states" refer to the "Slot Machines — Antique" listing in the phone book's yellow page index or a trade publication. For major board repair check with your local dealer. If you feel you need extensive board repair, it may be advisable to locate a technician with a Slot Simulator Test Station (page 59).