Bally Troubleshooting Quick Guide

**Power failure**
- Power failure to the line cord
- Defective line cord
- Loose power line fuse
- Blown power line fuse
- Safety timer switch open (neon lamp on)
- Defective lamps
- 6 volt fuse blown
- Defective connectors/wires between cabinet and door
- 50 volt fuse blown

**Coins not accepted**
- Verify 50 volt power
- Coin lockout coil defective
- Dashpot switch open (pull dashpot arm forward)
- Reel mechanism switch adjustments
- Coin acceptor dirty or needs adjusting
- Defective coin switch
- Refer to schematic for intermediate circuitry
- Missing or wrong coin shim in coin switch area

**Coins accepted, but handle will not release**
- Listen for coin relay being un-latched
- Dashpot switch open (pull dashpot arm forward)
- Reel mechanism switch adjustments
- Handle release switches
- Payout relay
- Coin switch adjustment
- Handle release coil
- Refer to schematic for intermediate circuitry
- Dashpot switch worn through the insulated pin that touches the sides of the dashpot switch
- Pull back handle-release pawl with left forefinger; pull handle at same time to release/spin reels

**Feature unit will not advance**
- Check the first coin reset feature unit
- Feature step-up unit is dirty or sluggish
- Feature step-up relay making poor contact (check gap)
- Handle release switch making poor contact (check gap)
- Refer to schematic for intermediate circuitry

**Slot machine accepts too many coins**
- Coin lockout coil is sluggish
- Coin lockout coil is permanently magnetized
- Feature unit open at Nth step not opening
- Feature unit has not stepped once for each coin played

"**Winner Paid" lamp remains on**
- Verify that hopper payout unit zero switch is making contact
- Hopper payout unit zero switch is defective (bumper is worn or sticking)
- If payout unit is resetting, then lamp circuit is bad
- Bottom relay directly behind hopper is dirty/sticking (check gap)

**Coins jam in hopper**
- Check knife adjustment
- Check pivot arm roller adjustment
- Coins are laying flat between hopper scoop and disc (not being agitated)
- Replace rubber agitator (3, 4, 5 or 6-pointed, watch screw removal)
- Wrong-sized coins (check for stray tokens)
- Override solenoid defective
- Override coin kicker not adjusted properly

**No payout on winning combinations**
- Payout unit wiper has not been reset
- Check zero switch and bumper
- Hopper motor is inoperative
- Payout unit wiper adjustment
- Reel mechanism wiper arm adjustment
- Payout unit disc alignment
- Payout relay deenergized
- Payout relay circuit open (see schematic)
- Loose or contaminated plugs and sockets

**Incorrect payout (overpay)**
- Payout unit is not being reset zero, but to the zero minus step
- Improper payout unit wiper arm adjustment
- Payout unit step-up arm adjustment
- Improper payout disc alignment
- Too little tension of the payout unit torsion spring
- Too much lubrication on the payout unit disc
- Short in the payout circuit (see schematic)
- Pivot roller arm adjustment
- Open in the payout step-up circuit
- Override coin kicker not adjusted properly

**Incorrect payout (underpay)**
- Payout unit is not being reset to zero, but to the first step
- Improper payout unit wiper arm adjustment
- Payout unit step-up arm adjustment
- Improper payout disc alignment
- Too much tension of the payout unit torsion spring
- Payout unit disc is dirty, loose or sluggish
- Loose, dirty or improperly adjusted payout wiper(s)

**Slot machine shuts off during a payout**
- Ratchet cam switch adjustment
- Timer motor circuit (red light is on)
- Improper adjustment of the timer cam
- Intermittent short may be causing the 110 volt fuse to blow

**Relays buzz or chatter**
- Check distances (NO: 1/32 inch; NC: 1/64 inch when open)
- Clean relays with white paper soaked in contact cleaner
- Adjust static blade (ONLY!) for proper distance

**Step-up unit(s)**
- Manually reset unit
- Rotate wiper assembly (should turn freely)
- May be dirty with grease or oil (clean thoroughly)
- May have too much tension on the wipers (adjust torsion spring)