

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)