

## The Rationale Behind the Order of the Maintenance, Electrical and Operational Checks

Use this order in the analysis of any slot machine: maintenance checks are first. Electrical checks are second. Operational checks are third.

With or without a schematic or service manual, the approach is the same for each machine. A thorough, top-to-bottom, inside-to-outside and coin-in to coin-out system of checks will eliminate nearly all of the problems a slot machine may have. Visual, audible, olfactory, electrical and operational phases of checks performed by the slot tech for the slot machine in question are itemized with these worksheets: [maintenance](#), [electrical](#) and [operational](#). Here is a list of [suggested supplies/items](#) (which will greatly help the tech) to have on hand during repairs and checkups.

Each phase is summarized and signed off by the slot technician and his/her supervisor. Paperwork for the machine can be reviewed at a future date and any problems can be corrected with their solutions appropriately catalogued for future use.

Why this particular order?

There is some overlapping between each of these checks. This ensures that very little is overlooked, and, with an eye always toward safety, any discrete components receive double and triple checks since they are electrical and voltage/current-energized.

Throughout the check of the slot machine, a logical and linear path is followed. While one may suggest to "skip" steps to save time, there is a possibility that some operation that is not occurring could be missed. Certain mechanical switches receive a past electrical interaction and with a step possibly skipped, this could cause one to miss further operations from this one operation.

So, with the playing of the machine after a maintenance and electrical check, the operational check reviews how everything "works" together in the slot machine.

All machines are similar to one another. Play a coin, ticket, or credit. A secondary game may/may not ensue. Coins (or tickets/credits) fall into the tray. The play is repeated.

All this is done without the use of a schematic diagram or service manual. It is highly desirable to have both of these with the slot tech at the time of service. Both aid the technician in zeroing in on difficult operations or functions.

As always, this research and series of checks are under review and upgrading. If you encounter situations you would like to see added to these checklists email them to the above address in the header. Thanks! Tom Baker - CA Ant Slots, Inc.