# Error codes 90-95 / Invld 0-5

## Invalid machine state.

These error codes mean that the CPU can not determine where the machine is based on the sweep, table, and spotting tongs switches.

The CPU looks for the "A" switch for table location, the "ST" switch for tong location, and both the "G" and "SM" switches for the sweep. If one or more switches are open or closed incorrectly, the "invalid state" error will display.

Code 90 means the "SM" switch is not closed. (Sweep not forward)


Code 91 means the "A" switch is not closed and the "SM" switch is not closed (Table not at home position and sweep not forward)


Code 92 means the "A", and "SM" switches are open, and the "G" switch is closed. (Table is not at home position, Sweep is not forward, and the sweep is down)


Code 93 mean the "ST" switch is open and the "SM" switch is open (Spotting tongs are closed and the sweep is not forward)


Code 94 means the "ST" switch is open, the "A" switch is open, and the "SM" switch is open (Tongs are closed, table is not at home position, and sweep is not forward)


Code 95 means the "ST switch is open, the "A" switch is open, the "G" switch is closed, and the "SM" switch is open (Tongs are closed, table not at home position, sweep down, and sweep not forward