

## **REPLACING THE PRINTED CIRCUIT BOARD (SILENT PARTNER EDGE BALL MACHINES)**

- 1) Remove the four screws that hold the control panel (panel with knobs and switches to control speed etc.). All models are fitted with Phillips-head screws.
- 2) Slide the panel down a third of the way into the machine then tilt the top of the panel towards you and extract the assembly from the machine. The printed circuit board is attached to the panel and will come out with it. Stop pulling when the slack in the wires connected to the assembly is taken up.
- 3) Disconnect the three thick wires that are connected to the printed circuit board. The connections are labelled on the board: BOTTOM MOTOR, COMMON and TOP MOTOR. Label the wires to insure proper reassembly.
- 4) Disconnect the connectors containing thin wires from the bottom of the board and label them. These are "locking" connectors and it is helpful to pull the white plastic wall of the bottom connector away from the wire-carrying connector while disconnecting the two.
- 5) Note that the wires attached to the main switch, the circuit breaker as well as to toggle switches stay in place.
- 6) Now look at the face of the control panel and remove the knob for the speed control, the spin control and the feed control. The knobs are pushed on and are removed by pulling carefully away from the shaft of the control.
- 7) Remove the nuts at the base of the speed control, spin control and feed control.

THE CIRCUIT BOARD IS NOW FREE AND CAN BE SEPARATED FROM THE CONTROL PANEL. INSTALL THE REPLACEMENT BOARD BY RETRACING YOUR STEPS.

NOTE 1: The six prong connector at the bottom of the circuit board is for the remote control on the Star machines and the delay board for the Sport machines. Lite boards are bridged at the factory for you.