

Auxiliary Power Supply Installation

The Auxiliary Power Supply provides 13.5VDC for all circuitry previously powered by the computer power supply 12VDC output. The extra voltage insures that solenoids (particularly the collet closer solenoid) have sufficient voltage for reliable operation.

Peel tape off adhesive-backed feet and mount the power supply on the top chassis in front of the Connect Card as illustrated below.

The power supply input cable will route to cooling fan wires near terminal strip TS4. Splice black wire to fan wire "P" and red wire to fan wire "N"; white wire with terminal will be put under corner screw as shown below.

The power supply output cable will route to J6. Disconnect existing plug at J6, and connect new plug in its place. Connect black wire with ring-terminal to corner screw on connect card.

NOTE: If your CNC does not have Armature Relay installed, you must insure that front-panel E-Stop is engaged before turning on servos. (Armature relay is ice-cube relay mounted on chassis in front of thermal overloads. Armature relay was added to CNCs built after mid-1998.) Armature relay kit is available from the factory: p/n 995-09-001.

