These instructions apply only to machines equipped with MAC solenoid valves shipped before 2008

Intermittent failure to actuate the collet closer with M12 or M13 on machines equipped with MAC solenoid valves shipped before 2008 can be caused by lower than normal computer power supply voltage combined with higher than normal voltage requirement on the MAC valve.

First verify that the indicator light in the transparent cap consistently flashes with M12 (upper) and M13 (lower). This insures that the signal is reliably transmitted from the CNC control to the solenoid valve. If the lights don't flash then you have a different problem.

Next, test the operation using the push-buttons on the Operator's Station. If the collet actuates reliably using the push-buttons on the Operator's Station (Palm Box) install an auxiliary power supply kit (p/n 995-09-004).

