

PMAC Set-up After Replacement.

Equipment.

DVM.

Purpose.

To configure the PMAC card after replacement.

Tolerance.

None.

Method. (PMAC DAC bias adjustment procedure).

This procedure is required only after installing a new motion controller card. It is also assumed that the machine control software has been installed. See the instructions in the machine manual for details.

1. Press the emergency stop. Using a digital volt meter on the millivolt scale, monitor from the J8VFM terminal 43 to terminal 45.
2. Start the PMAC Executive program. Adjust the value of the I129 variable, until the DVM reads zero. Record the I129 value.
3. Monitor terminal 44 to terminal 46. Adjust the value of the I229 variable until the DVM reads zero. Record the I229 value.
4. Edit the machine ID file to contain the new values of I129 and I229. Save the machine ID file to disk, and download to the motion controller. Remember to also copy the machine ID file to the master backup disk.