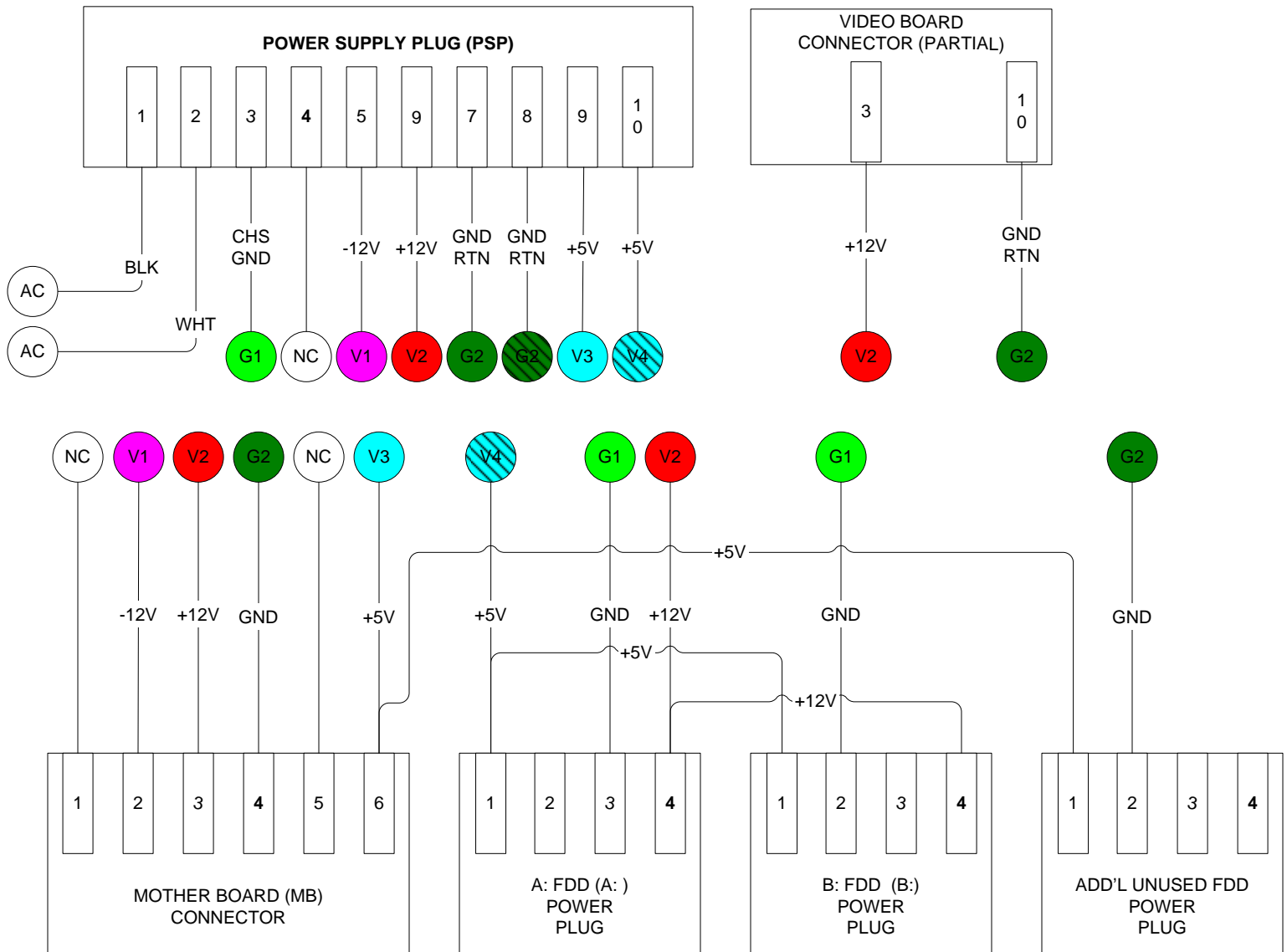


ORIGINAL 2X WIRING HARNESS



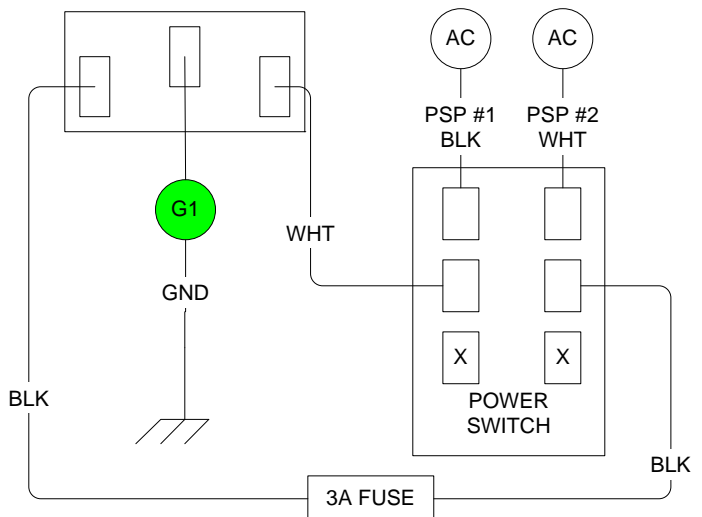
POWER CONNECTIONS

POWER CONNECTIONS -D8-

Power connections between the board and the power supply are shown on the schematic at J7. Once the power is on the board, the power is distributed as follows: U4, a 1488 RS-232 line driver, uses +/- 12 volts. +12 is supplied to the chip at pin 14 and -12 at pin 1. U4 changes TTL logic levels to RS-232 voltage levels. Logic '0' is changed to -12 volts and logic '1' is changed to +12 volts. The floppy 1793 disk controller (U44) uses +12 volts in addition to +5 volts and ground. The modem and dialer chips (U18 and U19) require +12 volts and -5 volts in addition to +5 volts and ground. VR1 requires -12 volts and ground to supply -5 volts to the modem and dialer chips. All the other chips require only +5 volts and ground. On the 14-pin ICs, pin 7 is grounded and pin 14 is tied +5V. On most of the 16-pin ICs, pin 8 is grounded and pin 16 is tied to +5V.

J7, Power	Pin	Use
	1	no connection
	2	-12 power
	3	+12 power
	4	ground
	5	no connection
	6	+5 power

AC STUFF



MEAN WELL T120B 2X WIRING HARNESS

