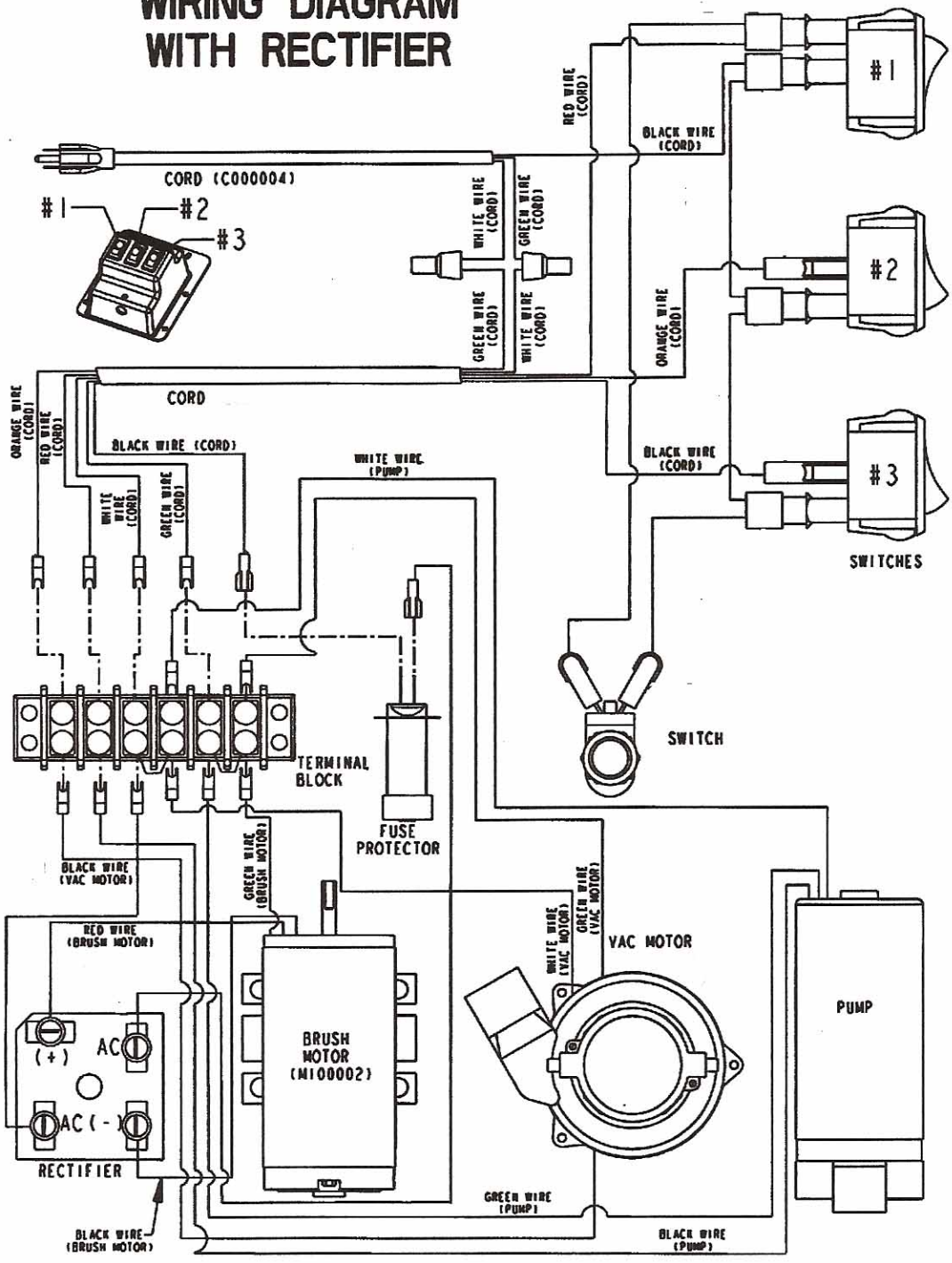WIRING DIAGRAM WITH RECTIFIER