

Figure 2

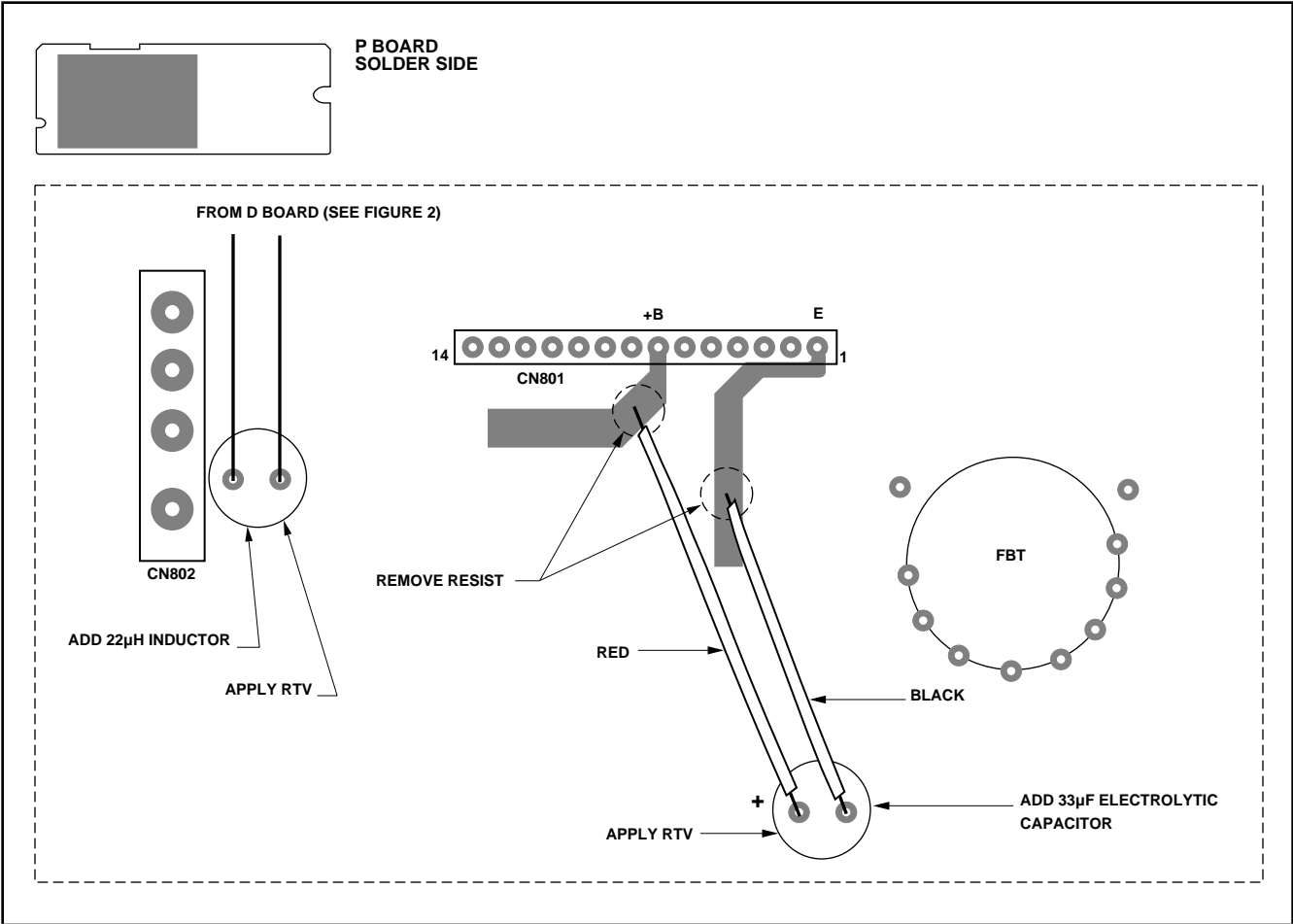


Figure 3

**Display**

Date: **February 28, 1994**

Subject: **TREATMENT OF MULTIPLE FAILURE OF MICRO FUSE**

Model: **PVM-5041Q/8040/8041Q/8044Q**

Serial No: **2,002,450 AND LOWER (PVM-5041Q)**  
**2,004,350 AND LOWER (PVM-8040)**  
**2,006,700 AND LOWER (PVM-8041Q)**  
**2,004,500 AND LOWER (PVM-8044Q)**

**DESCRIPTION**

The micro fuse F1601 (1.25A/125V) on the D board may experience multiple failure in some units. To prevent this condition, perform the following modification procedure.

**PARTS REQUIRED**

Part No.	Description	Qty.
1-412-529-11	Inductor, 22 $\mu$ H (L810)	1
1-123-024-21	Cap, Electrolytic, 33 $\mu$ F, 160V (C825)	1
7-322-065-19	Silicon Glue (RTV)	1

Additional parts required:

- Wire, red (UL1007, AWG 22) 100mm
- Wire, black (UL1007, AWG 22) 100mm
- Wire, red (UL1007, AWG 18) 90mm
- Wire, black (UL1007, AWG 18) 90mm
- Double-sided adhesive tape

**MODIFICATION PROCEDURE**

(See Figures 1 through 3.)

1. Prepare parts as follows (see Figure 1):
  - Wrap a 100mm wire around each lead of 22 $\mu$ H inductor L810 and solder as shown.
  - Wrap a 90mm wire around each lead of 33 $\mu$ F electrolytic capacitor C825 and solder.
  - Apply double-sided adhesive tape to top of inductor and electrolytic capacitor.

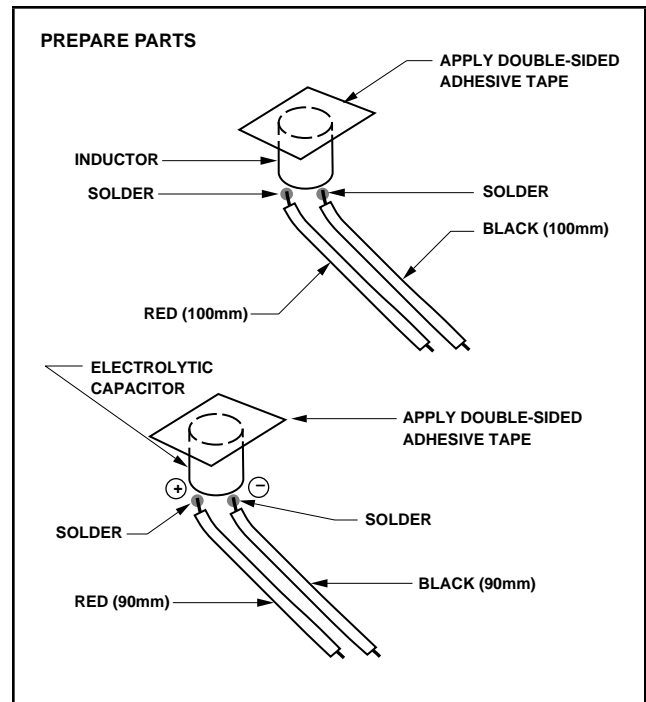
**D Board, Solder Side**

2. Cut trace leading from CN503-7 (+B) as shown.
3. Remove resist from area near trace cut.
4. Solder inductor leads as shown; fix with RTV as shown.

**P Board, Solder Side**

5. Secure top of inductor (whose leads were soldered to D board) to board with double-sided adhesive tape (applied in step 1) and RTV.
6. Remove resist from area near CN801 as shown in Figure 3.
7. Solder positive red wire lead of electrolytic capacitor to trace leading from CN801-7 (+B) and negative black wire lead to trace leading from CN801-1 (E). Affix with RTV.
8. Mount 33 $\mu$ F electrolytic capacitor to board in area as shown with double-sided adhesive tape (applied in step 1) and RTV.

**NOTE:** Capacitor should be 10mm from the fly-back transformer.



**Figure 1**