

**Display**

Date: **December 20, 1993**

Subject: **SWITCHING REGULATOR  
 REPLACEMENT**

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

Serial No: **SEE TEXT**

**DESCRIPTION**

The various switching regulators (SOPS-1021) available as part replacements are distinguished by their part number suffixes. When replacing the switching regulator, capacitor C601 may either have to be added or removed, depending on the part numbers of the former and new parts. Table 1 identifies the required modification on the replacement part.

To add capacitor C601, perform the following procedure.

**PARTS REQUIRED\***

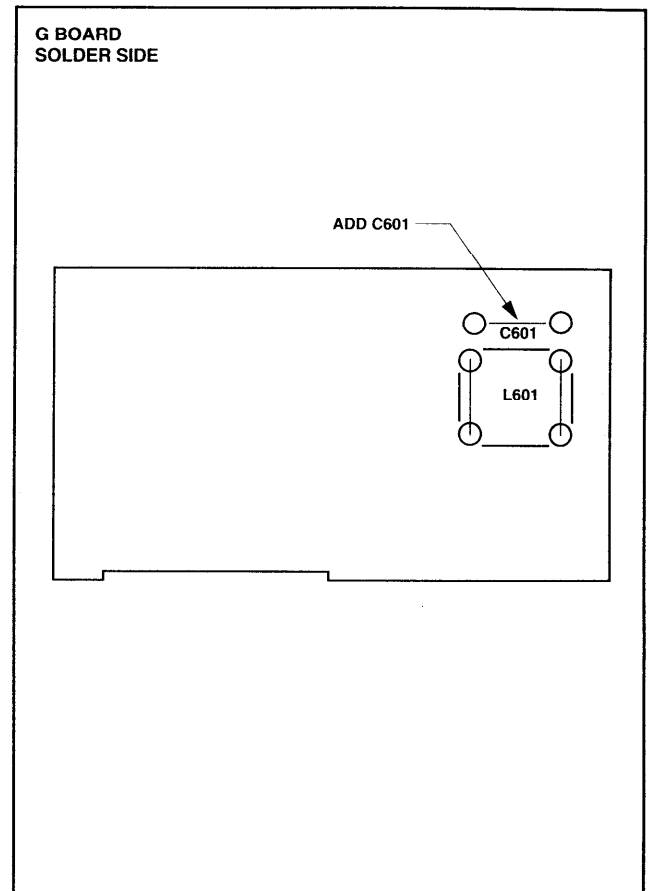
Part No.	Description	Qty.
1-136-889-11	Cap, Metalized Film, 0.22 $\mu$ F, 250V (C601)	1

\* Not required for replacement of all switching regulators. Refer to Table 1.

**PROCEDURE FOR ADDING C601**

**G Board (Solder side)**

1. Remove two screws from switching regulator.
2. Pull out G board from shield case.
3. Mount capacitor C601 on location marked "C601".
4. Return G Board into shield case.
5. Install two screws removed in step one.



**Figure 1**

Table 1

Model	Serial No.	Former Switching Regulator Part No.	Modification Required on Replacement Switching Regulator				
			1-413-720-11 (With C601)	1-413-720-21	1-413-720-22 (No C601)	1-413-720-31 (With C601)	1-413-720-32 (No C601)
PVM-8040	Up to 2,000,500	1-413-720-11	No Modification		Add C601	No Modification	Add C601
PVM-8041Q	Up to 2,000,900						
PVM-8044Q	Up to 2,000,500						
PVM-5041Q	2,001,301 and higher	1-413-720-22		Remove C601	No Modification		
PVM-8040	2,002,901 and higher						
PVM-8041Q	2,002,751 and higher						
PVM-8044Q	2,001,501 and higher						
PVM-8040	2,000,501-2,002,700	1-413-720-31	No Modification		Add C601	No Modification	Add C601
PVM-8041Q	2,000,91-2,002,450						
PVM-8044Q	2,000,501-2,001,250						
PVM-5041Q	2,000,001-2,001,300	1-413-720-32	Remove C601		Remove C601	Remove C601	Remove C601
PVM-8040	2,002,701-2,002,900						
PVM-8041Q	2,002,451-2,002,750						
PVM-8044Q	2,001,251-2,001,500						

**NOTE:** Blank boxes indicate that switching regulator cannot be used as replacement for former part.