



Display

Broadcast Products Technical Bulletin 20-2005-042R

DATE: June 20, 2005

SUBJECT: REPLACE H. CENT COIL



MODEL: ***BVM-D14H5E***
BVM-D14H5U
PVM-14L5
PVM-20L5
PVM-D14L5A
PVM-D20L5A



SERIAL NO:

BVM-D14H5E 2,000,375–2,000,424
 BVM-D14H5U 2,001,549–2,001,608
 PVM-14L5 2,105,961–2,106,810
 PVM-20L5 2,104,010–2,104,309
PVM-D14L5A 2,000,577–2,000,586
PVM-D20L5A 2,000,347–2,000,356

Italicized information in green applies to customers outside the United States.

DESCRIPTION

The H. CENT coil used in the horizontal centering circuit exceeds part specifications; therefore, replace the H. CENT coil as follows.

NOTE: The H. CENT coil is already replaced in PVM-20L5 and PVM-D14L5A units. Correct the part number for the coil in the manual as described under "MANUAL CORRECTION" on page 2.

PARTS REQUIRED

Part No.	Description	Qty.
1-419-633-31	H. CENT Coil	1

ORDERING INFORMATION

To order upgrades or for regional service center and parts ordering information, refer to the following document, which lists all contact telephone numbers:

Technical Bulletin 001999000

MODIFICATION PROCEDURE

1. Replace the following H. CENT coil (manufactured by FEELUX, gray) with an H.CENT coil manufactured by FDK.

Model	Board	Ref. No.
PVM-L5 series	D	L2501
BVM-D14H series	G	L2501

NOTE: H. CENT coils manufactured by Yutaka Corp (orange) or by FDK (white) do not need to be replaced. (See Figure 1.)

2. Confirm H.CENTER as follows:
 - a. Connect a COMPOSITE (NTSC) or COMPONENT signal (480/60i) to the input connector.
 - b. Select Under/Scan.
 - c. Increase brightness to confirm that H.CENTER (raster center) is aligned. (The width of the black areas in the right and left ends of the raster are the same.)

DPM004-052R

NOTE: For PVM-L5 series:

If the unit is cool, the center of the display may be shifted several millimeters to the left due to temperature characteristics of the circuit.

3. If H.CENTER is not aligned as observed in step 2:
 - a. Enter Service mode in each signal format, and adjust H.CENTER.
 - b. With COMPONENT input, confirm that the center of the raster is positioned in the center of the screen in Under/Scan mode.
4. Return the BRIGHT setting back to the default.
5. Return to the Normal/Scan setting.

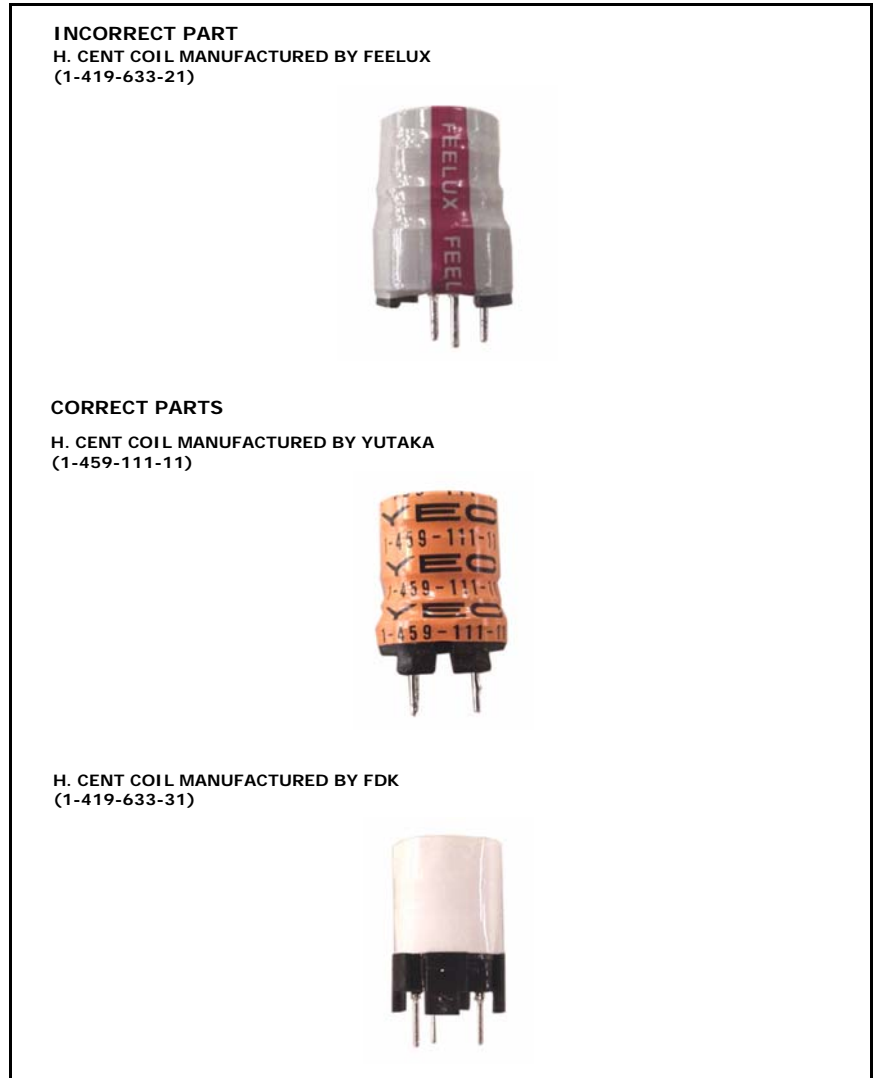


Figure 1

MANUAL CORRECTION

Correct the part number for L2501 in the service manual as follows:

~~1-459-111-00 (-11)~~ → 1-419-633-31