

TV Products Service Bulletin

CSV-1

Sony Service Company - Technical Services
A Division of Sony Electronics Inc.
Sony Drive, Park Ridge, New Jersey 07656

Model: KP-41T15, 46S15, 53S15, 46V25, 53V25,
KP-61V25, 53XBR45, 61XBR48

No. 294

Subject: Replacement of M Board

Date: March 11, 1996

Symptom:

(**) The unit needs replacement of M board due to board crack or damage.

Solution:

Sony is using unique Digital control technology (I²C Bus system) starting from '92 Projection TV (AP Chassis).

The models listed above do not have VRs (Variable Resistor) for Registration (Convergence) control. All adjustments are controlled by Micro chip and data is stored in the Memory IC. If M board is replaced, adjustment settings will be lost.

Therefore, We would like to recommend the following solutions:

When replacing M board, swap Memory IC from original board to replacement board.

Model	Reference of Memory IC
KP-41T15, 46S15, 53S15 KP-46V25, 53V25	IC 003 (ST24C04)
KP-61V25, 53XBR45 KP-61XBR48	IC3002 (X24C04)

OR

The replacement M board contains default data, it is not adjusted by factory. Therefore, If possible manually copy all adjustment data from the Memory IC by Service mode. Then, enter original data into replacement M board.

In either case, the unit will require touch up registration after the above solutions implemented.

Note: The above procedure applies specifically to the listed models.
However, the same concept applies to all Sony Direct View TVs equipped with I²C Bus technology. Adjustment data is stored in the Memory IC.
Please find Memory IC location in the Service Manual and try above solutions.



Filename: TVP0294.SB
Directory: J:\SBDOC\MAR96
Template: C:\WINWORD\TEMPLATE\S_BULL.DOT
Title:
Subject:
Author: Hoyt Wing Lee
Keywords:
Comments:
Creation Date: 03/11/96 3:59 PM
Revision Number: 2
Last Saved On: 03/11/96 3:59 PM
Last Saved By: Hoyt Wing Lee
Total Editing Time: 0 Minutes
Last Printed On: 04/01/96 9:34 AM
As of Last Complete Printing
Number of Pages: 1
Number of Words: 276 (approx.)
Number of Characters: 1,575 (approx.)