

Re: Need Sony Service bulletin for changes to bd board

Source: <http://sci.tech-archive.net/Archive/sci.electronics.repair/2005-05/msg00005.html>

- *From:* "kna_cecil" <kcecil@xxxxxxxxxxxx>
 - *Date:* 30 Apr 2005 17:07:08 -0700
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Any chance someone could email the bulletin to me including the illustrations?

Thanks for the reply.

send to
kcecil@hotmail.com (w/o spaces)

uplf...@xxxxxxxx wrote:

- > Model: KP-53XBR300, KP-53HS10
- > KP-61HS10, KP-61XBR300
- > Subject: AKB Error When First Turned ON Date: August 1, 2001
- > Symptom:
- > (2311) When the unit is first turned on from cold start the LED flashes
- > 5 times at first power-
- > ON, and no picture is received. If turned OFF and then ON again picture
- > is present.
- > Unit will play the rest of the day without any problem.
- > Solution: If the customer should complain of the symptom above please
- > perform the following
- > circuit changes to the BD Board.
- > Note 1: Some BD boards had countermeasures applied at the factory.
- > These
- > boards do not need to be reworked in the field. See illustrations 1
- > through 3 for
- > identifying the boards that have had countermeasures applied at the
- > factory.
- >
- > Illustration 1
- > Carefully peel up the copper tape
- > on the side edge of the board.
- > Illustration 2
- > Lift up the shield from the board, using the
- > long copper tape as a hinge.
- > Illustration 3

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- > Factory–reworked boards have a 10K chip
- > resistor mounted near R1924; no further
- > rework is necessary.
- > TV Products Service Bulletin No. 484R2
- > Note 2: The specific procedure depends on whether or not the original
- > service
- > bulletin had been performed previously.
- > · If R1709 and R1713 are both mounted on the board and are 470 ohms,
- > the
- > original bulletin was not performed previously.
- > · If only R1713 is mounted and is 100 ohms, and R1709 is not
- mounted,
- > the
- > original bulletin was performed previously.
- > · New BD boards received from WRPC–AS must also be checked to see if
- > the
- > original bulletin was performed previously.
- > Procedure for BD boards that have not had the original bulletin
- > performed.
- > 1– Change R1709 and R1713 from 470 ohm to 1K ohm.
- > 2– Remove Q1701.
- > 3– Add a 10K resistor to the A–side of the BD board near C1741 as
- shown
- > in the
- > illustration.
- > 4– Check the solder joints of all pins on IC1718 and touch up if
- > necessary.
- > REF FORMER NEW
- > DESCRIPTION PART NUMBER DESCRIPTION PART NUMBER
- > R1709
- > R1713
- > RESISTOR, 470
- > OHM (CHIP)
- > 1–216–041–00 RESISTOR,
- > 1K OHM (CHIP)
- > 1–216–049–11
- > Q1701 TRANSISTOR,
- > DTC144EKA
- > 1–801–806–11 REMOVE –
- > – – – RESISTOR,
- > 10K, 1/4 W
- > 1–247–855–11
- > Procedure for BD boards that have had the original bulletin
- performed.
- > 1– Install a 1K ohm resistor to mounting position R1709.
- > 2– Change R1713 from 100 ohm to 1 K ohm.
- > 3– Add a 10K resistor to the A–side of the BD board near C1741 as
- shown
- > in the
- > illustration.
- > 4– Check the solder joints of all pins on IC1718 and touch up if

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- > necessary.
- > REF FORMER NEW
- > DESCRIPTION PART NUMBER DESCRIPTION PART NUMBER
- > R1709 NOT MOUNTED – RESISTOR,
- > 1K OHM (CHIP)
- > 1-216-049-11
- > R1713 RESISTOR, 100
- > OHM (CHIP)
- > 1-216-025-00 RESISTOR,
- > 1K OHM (CHIP)
- > 1-216-049-11
- > Q1701 TRANSISTOR,
- > DTC144EKA
- > 1-801-806-11 REMOVE –
- > – – – RESISTOR,
- > 10K, 1/4 W
- > 1-247-855-11
- > TV Products Service Bulletin No. 484R2
- > .
- > R1709 R1713
- > Q1701
- > IC1718
- > Add 10 K resistor,
- > part number 1-247-855-11.
- > C1741

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