



Video Products Technical Bulletin 30-2009-060

DATE: April 27, 2009

SUBJECT: PIN CUSHION DISTORTION AT H SIZE MAX

MODEL: ***BVM-A14F5M/1***
BVM-A14F5U
BVM-A14F5U/1

DESCRIPTION

When H SIZE of ALIGNMENT is set near MAX while receiving a 720/60p signal, PIN cushion distortion may appear. The distortion is more likely to occur in underscan mode. (See Figure 1.)

SERIAL NO:

- BVM-A14F5M/1 2,000,411–2,000,423*
- BVM-A14F5U 2,000,172
- BVM-A14F5U/1 2,000,204
2,000,218–2,000,227

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

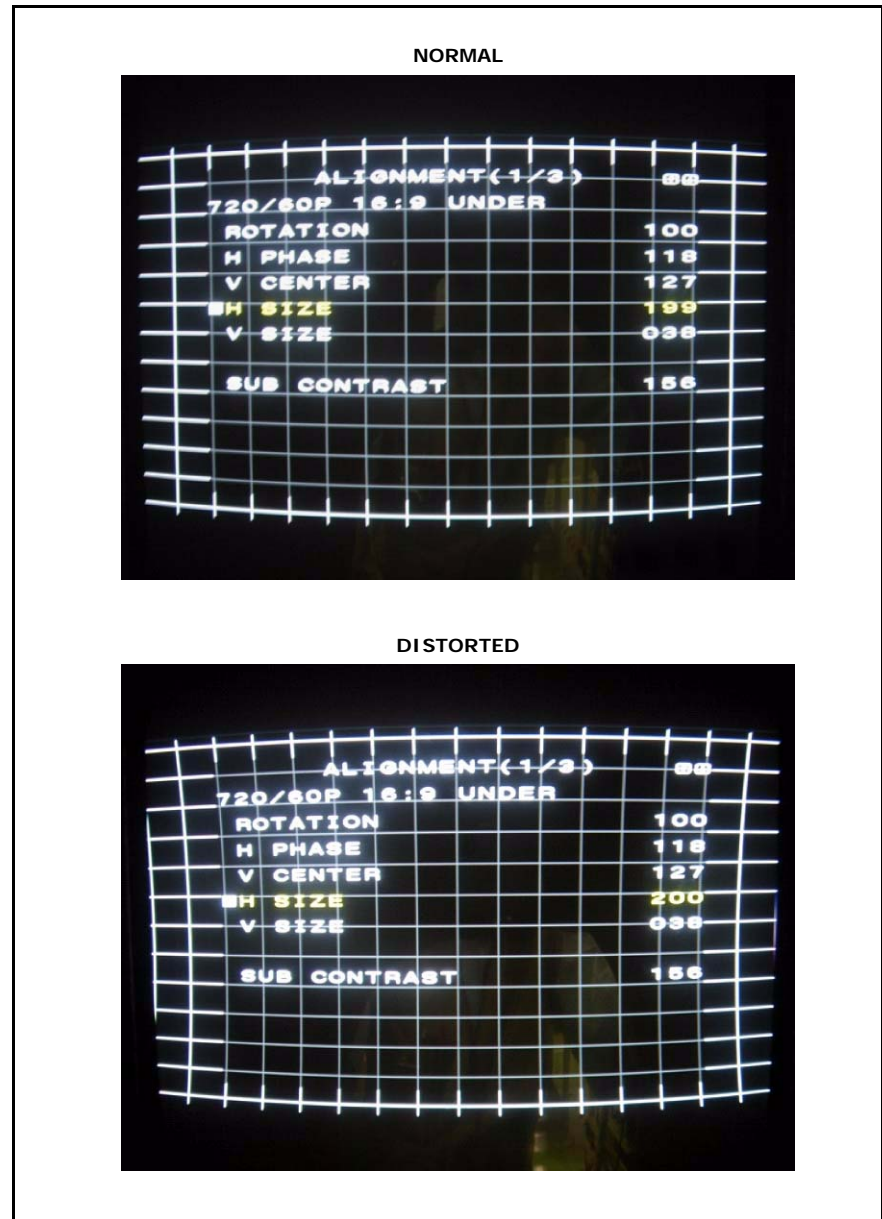


Figure 1

DPM006-045

NOTE: The symptom occurs with DYs that have production lot number "T 6E 13." (See Figure 2.)



Figure 2

PARTS REQUIRED

Part No.	Description	Qty.
1-218-895-11	Res, Chip (1608) 100 k Ω	1

ORDERING INFORMATION

To order parts online, go to: <http://www.sony.com/servicesplus>. For service or parts ordering assistance, refer to the following document, which lists all contact telephone numbers:

Technical Bulletin 00-1999-000

MODIFICATION PROCEDURE

E Board

Replace R408 (24 k Ω , side A, zone D-6) with a new 100 k Ω resistor.

CONFIRMATION

1. Adjust picture size in 720/60p to normal and underscan modes.
2. Confirm that PIN cushion distortion does not occur when H SIZE is set to MAX.