

Date 05.10.04	Ref. No. 04TV079	Model KV-28FQ86B, KV-28FQ86E, KV-32FQ86B, KV-32FQ86E, KV-32FQ86K, KV-32FQ86U, KV-32XL90B, KV-32XL90E	BC
Subject Defective Video Amplifier IC Or Horizontal Linearity Transistor			IRIS 111D

SYMPTOM

- Failure of the video amplifier IC7300, IC7310, or IC7320 on the C Board.
- Failure of the horizontal linearity transistor Q8121 on the D Board.

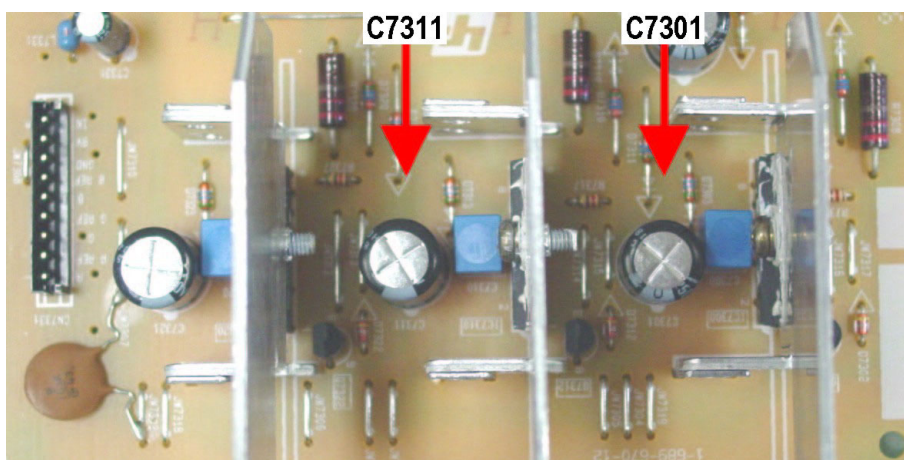
CAUSE

CRT discharge.

SOLUTION

- In case any of the video amplifier ICs is damaged, replace the resistors and add the capacitors as listed below on the C Board.

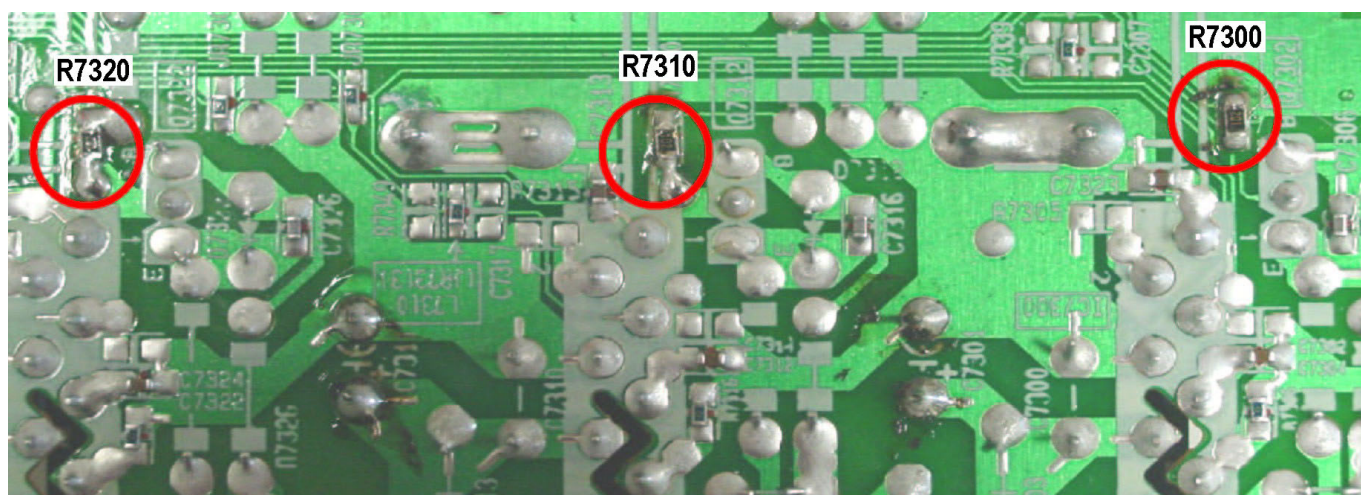
	Former		New	
Ref.	Description	Part number	Description	Part number
R7300, R7310, R7320	Metal Chip 1k 1/10W	1-216-821-11	Res., Chip 1k 1/10W	1-216-049-91
C7301, C7311	—	—	Elect 10µF 250V	1-107-652-11



Flag	Symptom code	Part number	Ref.	Section code	PCB	Defect code	Repair code	Qty.
1	111D	1-107-652-11	C7301	CRT	C	A1	A	1
	111D	1-107-652-11	C7311	CRT	C	A1	A	1
	111D	1-216-049-91	R7300	CRT	C	A1	A	1
	111D	1-216-049-91	R7310	CRT	C	A1	A	1
	111D	1-216-049-91	R7320	CRT	C	A1	A	1
	111D	8-719-110-41	D8109	DFL	D	Z	K	1

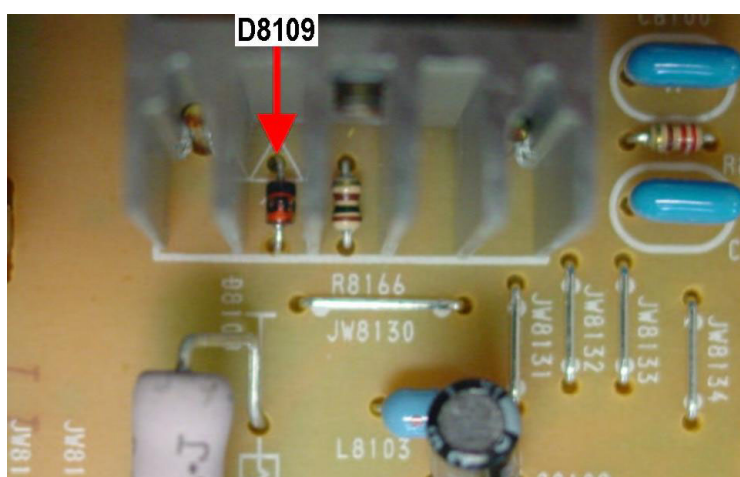
AE-6BA

Sony Service Centre (Europe) N.V.
European Service Engineering
Technologielaan 7
B - 1840 Londerzeel



- In case the horizontal linearity transistor Q8121 is damaged, add the diode listed below on the D Board.

Ref.	Description	Part number
D8109	RD15ESB2	8-719-110-41



APPLICABLE SERIAL NUMBERS

KV-28FQ86B	~4006695
KV-28FQ86E	~4000457
KV-28FQ86E/A	~4301320
KV-28FQ86E/E	~4601931
KV-32FQ86B	~4008970
KV-32FQ86E	~4004093
KV-32FQ86E/A	~4305195
KV-32FQ86E/E	~4605864
KV-32FQ86K	~4003855
KV-32FQ86U	~4001380
KV-32XL90B	~4001128
KV-32XL90E	~4003340
KV-32XL90E/A	~4301620
KV-32XL90E/E	~4601479