

TELEVISION TECHNICAL BULLETIN

<u>MODELS</u>	DV51083H	DV5903H	DV59083H	DV6603H
	DV66083H			

SYMPTOM Dead or tripping.

CAUSE Line output transformer or problems in the power supply.

ACTION Disconnect R632 and turn the set on.

If the HT comes up to 150V, then it is likely that the fault is in the line output stage. This could be the line output transistor (2SD1554 in 51cm sets or 2SD1546 in 59/66cm sets) or line output transformer.

If the HT comes up then shuts down again, it is possible that the vertical output IC, IC501 is faulty. Sometimes when IC501 fails, it will take out R501 (supply reed resistor). Note that in this receiver, the vertical output IC obtains its supply from the line stage.

If the HT does not come up, then the fault is probably is probably in the power supply, IC701 or Q701 are suspect. If either IC701 or Q701 are found to e faulty, change both devices.

<u>REF NO</u>	<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>PRICE CODE</u>
IC701	RH-IX1434BMZ	IC, TEA2261	AW
IC501	RH-IX1413BMZZ	IC, TDA8175	AS
R501	VRG-RL2HB1R0K	Resistor, 1R 0.5W	AB
T600	RTRNF1786BMZZ	51cm LOPT	BG
T600	RTRNF1783BMZZ	59/66cm LOPT	BH

Sharp Electronics (UK) Limited

Reference TT04082000-4

Revision 1



White – Carry out as required
Yellow – Carry out as required and whenever the unit comes in for service
Red – Carry out on all units