



U3100 REPAIR GUIDE

SYMPTOM	CAUSE	COMMENTS
NO PICTURE/VIDEO DISTORTED VIDEO JITTER/SHAKES	IC201, R351, D807 D3, IC201 IC201, C318, C301, C302, C303	CHECK SIGNAL CABLE CHECK GROUNDS AND VIDEO CABLE
NO POWER/RASTER	Q705, Q704, Q601, D603, D609 T701, T703, VR501, R351	CHECK POWER CORD
CAN'T SET BRIGHTNESS	R815, Q804, C807, R816, D807, IC201, CRT	CHECK SCREEN CONTROL AND VIDEO CABLE
CAN'T SET CONTRAST	R308, IC201	CHECK CONTROL BOARD CABLE
NO VERTICAL SCAN VERTICAL ROLL VERTICAL FOLDOVER VERTICAL LINEARITY	IC402, D610 J401, IC402 R411, C411, C412, IC402	CHECK YOKE CONNECTOR CHECK SIGNAL CABLE ADJUST V. LIN (VR401)
NO HORIZONTAL SCAN HORIZONTAL TEARING	D2 C709, C712, C713, R706, IC703 C714, C715	CHECK YOKE CONNECTOR ADJUST H. FREQ. (VR701), CHECK SIGNAL CABLE
HORIZONTAL SIZE PINCUSHION SHUT DOWN IMAGE REVERSED	C3, Q1, Q2, Q3, R14, L1, VR2 C714, C715, C620, ZD701 (6.2V .5W) YOKE LEADS	ADJUST H. SIZE (VR2) CHECK POWER CORD WITH POWER OFF REVERSE YOKE LEADS
NO RED	Q302, Q305, Q306, Q307, IC201, VR302, R17, CRT	CHECK NECK BOARD CONTROLS AND SIGNAL CABLE
RED SCREEN	Q302, Q305, Q306, Q307, IC201,	CHECK NECK BOARD CONTROLS
NO BLUE	Q304, Q311, Q312, Q313, R19, VR303, CRT	CHECK NECK BOARD CONTROLS AND SIGNAL CABLE
BLUE SCREEN	Q304, Q311, Q312, Q313, IC201, CRT	CHECK NECK BOARD CONTROLS
NO GREEN	Q303, Q308, Q309, Q310, R18, IC201, CRT	CHECK NECK BOARD CONTROLS AND SIGNAL CABLE
GREEN SCREEN	Q303, Q308, Q309, Q310, IC201, CRT	CHECK NECK BOARD CONTROLS