



U3000 REPAIR GUIDE

| SYMPTOM | CAUSE | COMMENTS |
|----------------------|--|---|
| NO PICTURE/VIDEO | Q102, T701, R802, ZD500, U200, CRT, R727 | ADJUST BRIGHTNESS AND CONTRAST. CHECK VIDEO CABLE |
| JITTER/SHAKY VIDEO | C115, Q205, Q101, VR701 | VR701 DIRTY OR BAD CONTACT |
| DARK/DIM VIDEO | Q604, U200, R727, | ADJUST BRIGHTNESS AND CONTRAST |
| WHITE SCREEN | U201, CRT | CHECK SCREEN CONTROL |
| NO POWER/RASTER | Q101, Q102, Q701, Q700, C106 U101, D106, R101, R727 | CHECK FUSE AND POWER CORD |
| CAN'T SET BRIGHTNESS | Q200, D206, C310, Q102, U200, VR200, CRT | CHECK SCREEN CONTROL AND VIDEO CABLE |
| CAN'T SET CONTRAST | Q201, D207, C225, U200, VR202, VR201, CRT | CHECK CONTROL BOARD CABLE |
| NO VERTICAL SCAN | U600, R626, Q600, Q602, Q603 | CHECK CONTROL BOARD CABLE |
| VERTICAL LINEARITY | U600, C612, | |
| VERTICAL ROLL | R306, U302, VR600, R609 | CHECK SIGNAL CABLE |
| NO HORIZONTAL SCAN | D704 | CHECK YOKE CONNECTOR |
| HORIZONTAL TEARING | Q103, U700, VR700, Q102, Q706 | CHECK SIGNAL CABLE AND 2 PIN JUMPERS |
| HORIZONTAL SIZE | L1, C36, C37, T1, Q705 | ADJUST H. SIZE VR704 |
| PINCUSHION | VR703, L701, Q703 | |
| SHUT DOWN | C709, ZD701 (5.6V) | CHECK POWER CORD |
| IMAGE REVERSED | YOKE CONNECTORS | TURN OFF POWER AND REVERSE YOKE CONNECTOR(S) |
| NO RED | Q500, Q501, R504, R505, U200, CRT | CHECK NECK BOARD CONTROLS AND SIGNAL CABLE |
| RED SCREEN | Q500, Q501, U200, CRT | CHECK NECK BOARD CONTROLS |
| NO BLUE | Q504, Q505, R524, R525, U200, CRT | CHECK NECK BOARD CONTROLS AND SIGNAL CABLE |
| BLUE SCREEN | Q504, Q505, U200, CRT | CHECK NECK BOARD CONTROLS |
| NO GREEN | Q502, Q503, R514, R515, U200, CRT | CHECK NECK BOARD CONTROLS AND SIGNAL CABLE |
| GREEN SCREEN | Q502, Q503, U200, CRT | CHECK NECK BOARD CONTROLS |