

11AK19 SERVICE MODE INSTALL MENU THEN 4 7 2 5 .
 11AK19 ALBA CTV5984 ALBA CTV6682A
 11AK19 BUSH 2863NTXA BUSH 2866NTX BUSH 2867NTX BUSH 2868NTX
 11AK19 BUSH 2871NTX LOPTX HR8029..
 11AK19 BUSH 2872NTX 2877NTX BUSH 2875NTX .
 11AK19 BUSH 2971NTX BUSH CTV2871NTX
 11AK19 BUSH WS6671 BUSH WS6671GRN2
 11AK19 GOODMANS EQUIVALENTS GTV288 GOODMANS GTV66N1 GOODMANS GTV66W1 GTV69W3.
 11AK19 11AK10-15
 11AK19 DRY JOINTS ARE VERY COMMON IN THE LOP & EW AREAS.
 11AK19 ALWAYS RESOLDER THE SCAN COIL SOCKET TO HELP PREVENT COMMON BURNUPS / BLOWN SILICON.
 11AK19 DEAD WITH A SLIGHT TICKING NOISE- C829 FAULTY.
 11AK19 DEAD WITH A SLIGHT TICKING NOISE - TDA6108 LEAKY ON TUBE BASE.
 11AK19 DEAD WITH A SLIGHT TICKING NOISE - LOP TRANSISTOR S/C. + RESOLDER DRYs IN LOP AREA.
 11AK19 BLANK RASTER WITH FLYBACK LINES - D900 LEAKY.
 11AK19 90 DEGREE 20" HT=114VN.
 11AK19 BENT OSD/TEXT STARTUP TICK, SMALL COIL ON CRT BASE EARTH LEAD .
 11AK19 SET WONT START AND THE FRONT PANEL LED IS FLICKERING - CURE REPLACE CAPACITOR C829 (47uF 200V).
 NO START UP FROM STANDBY RED LED IS LIT AND A SLIGHT TICKING NOISE CAN BE HEARD AND THE CHOPPER TRANSISTOR IS RUNNING TOO HOT (BUZ90AF) Cure= Replace D807 (MR852).
 11AK19 BENT SIDES EW DISTORTION - REPLACE/CHECK C611+ C610 + C626+ C613+ C630 + Q603 (BUK444) & R629(2R7).
 11AK19 BLANK RASTER SDA5255-A021 MICRO PRO
 11AK19 THE SET WAS DEAD & STANDBY LED WAS LIT, REGULATOR IC 805 WAS FAULTY.THERE WAS NO 8V AT PINS 12 AND 37 OF IC 401.
 11AK19 DEAD- BURNT SCAN COIL PLUG & L604 (SHOULD BE 2R7).
 11AK19 DEAD - REPLACE THE 2A5T FUSE & C804 (220UF 400V).
 11AK19 DEAD- 300V OK HT LOW AT 40V TDA16846+OPTOISOL(TCDT1102G/CQY80NG).
 11AK19 DEAD- C833 (220PF 600V)+BRIDGE RECT DIODES & R817(2R2 5W).
 11AK19 DEAD -CHOPPER FET(BUZ80A) Q802 + R825+ D807+ D826+ D827 REPLACE THEM ALL.
 11AK19 DEAD- CHOPFET(SSP7N60A)+R817(2R2).+MC44604P+CQY80NG(OPTO)...
 11AK19 DEAD- CHOPTR(2SK2545) UF5407 BA157 (2R2 5W) PRIMARY OF PSU .
 11AK19 DEAD- REPLACE DIODE D807 (BA159) IN THE PSU.
 11AK19 DEAD- JUST THE LED IS ON 140v LOW AT AROUND 13VOLTS APPROX - IC901 IS FAULTY.
 11AK19 DEAD -LOP TRANSISTOR S/C DUE TO DRY JOINTS IN THE SURROUNDING AREA OF THE PCB.
 11AK19 DEAD- LOP TRANSISTOR (BU2508AF) - CAUSE SCAN COIL PLUG DRY JOINTED.
 11AK19 DEAD- LOPTR (BU2508AF) & CAP (12NF).
 11AK19 DEAD- LOPTR & EW FET 150V HT LOW AT 100V. REPLACE D807 IN PSU .
 11AK19 DEAD -LOPTR, LINK J613..
 11AK19 DEAD- MC44604P+OPTO(TCDT1102G/CQY80NG).
 11AK19 DEAD PSU OK NO LINE DRIVE-CHECK EARTHS TO LOPTR/E TO ALL EARTHS .
 11AK19 DEAD - THE SET IS JUST "PULSING " LOW HT AT 20V (150VN) CHECK D814 FOR BEING LEAKY OR SHORTED.
 11AK19 DEAD- R806 (22K) O/C AND THE MC44604 CHIP FAULTY.
 11AK19 DEAD- R825 (2M2)+R806(22K).
 11AK19 DEAD- SNUBBER CAP 2N2F 2KV ACROSS LOPTR+EW CHIP+C630 (560NF 250V).
 11AK19 DEAD- TDA16846
 11AK19 DEAD- SET & TICKS LOPTR(2SD2579/BU2508AF),C626(11N2KV/9N1),R629(2R7) 110DEG.
 11AK19 DEAD- TICKS LOPTR(2SD2579/BU2508AF),C626,R629(3R3/2R7).
 11AK19 DEAD- TICKS LOPTR(BU2508AF),LOPTX(4031800111/HR8029),R629(2R7) 110DEG
 11AK19 DEAD- ONLY GREEN LED FLASHING - CHECK R867 (0R33).
 11AK19 DEAD- TRIPPING NOISE LOW HT- C829 (47UF 160V) NEAR CHOPPER TX .
 11AK19 EW FAULTS C613 (12NF)+C630 (390NF 250V GOES LOW WHEN HOT)& R629.
 11AK19 EW RASTER Q683(BUK444/PHF 9NQ20T)FET.
 11AK19 EW RASTER DISTORTION -R629(2R7 3:4)/27R 16:9) 59CM=2R7...
 11AK19 EW,C630(470NF)..
 11AK19 FIELD COLLAPSE- REPLACE R704+TDA8351+D606+C632.
 11AK19 FIELD COLLAPSE- REPLACE D606 (BY157)+TDA8351+R704(1R)..
 11AK19 FIELD COLLAPSE- R704,TDA8351,D606 C632.
 11AK19 GREEN PICTURE- TDA6108JF.
 11AK19 GREY PICTURE/ FLYBACK LINES- REPLACE R914+IC901(ON CRT BASE PCB)..
 11AK19 BRIGHT WHITE RASTER WITH FLYBACK LINES- R704 (100R) WAS FOUND TO BE O/C.
 11AK19 THE SET WAS TRIPPING- R816 (1M5) WAS FOUND TO BE O/C.
 11AK19 SCREEN BLANKED OUT 4 COLOURED LINES TWO THIRDS OF THE WAY DOWN FROM THE TOP OF THE PICTURE SOUND IS OK- A 100R RESISTOR CONNECTED TO PIN 6 OF THE FIELD OUTPUT CHIP WAS O/C.
 11AK19 INTERMITTENT OR NO SOUND - CAN BE CAUSED BY FAULTY CONNECTORS BETWEEN THE NICAM MODULE AND THE MAIN PCB.
 BRIGHT GREEN PICTURE WITH FLYBACK LINES- REPLACE THE TDA6107Q ON CRT BASE PANEL.
 11AK19VERY NARROW PICTURE R629 + DRY JOINTS IN LINEOUTPUT STAGE.
 11AK19 HT IS HIGH AT AROUND 190 VOLTS WITH THE BU2508 SHORTED- CHECK R823 IN PSU FOR HIGH RESISTANCE.
 11AK19 NO LINE DRIVE- R866 (0.33ohm) IN THE 14v FEED IS O/C. NOT SHOWN ON CCT DIAGRAM.
 11AK19 AT SWITCH ON THE FRONT LED TURNS GREEN BLINKS TWICE THE SET THEN RETURNS TO STANDBY VOLTAGES RISE THEN FALL AWAY AND SET GOES BACK TO STANDBY- CHECK BY REPLACEMENT D605.11AK19 ONLY ONE PRIMARY COLOUR WITH FLY BACK LINES TDA6107Q (6108Q) is defective
 11AK19 At SWITCH ON NO POWER UP, LED NOT LIT CHECK OR REPLACE DIODE D807(BA159) WHICH MAY BE LEAKY.
 11AK19 DEAD WILL NOT COME OUT OF STANDBY LOW OR NO SECONDARY SUPPLY OUTPUTS
 DISCONNECT DATAPINS 5 and 6 of EEPROM CHIP IC502. If THE SET NOW STARTS OK YOU WILL NEED TO REPLACE THE EEPROM DUE TO IT HAVING A CURRUPTED MEMORY.
 11AK19 DEAD WITH FUSE INTACT. 320V AT DRAIN OF CHOPPER FET. C807 ((1UF 50V)) LEAKY & R811 (820Kohms,1/2w) OPEN CIRCUIT ON PRIMARY OF PSU.11AK19 POOR CONTRAST REPLACE C604 IN BEAM LIMITER O/C.
 11AK19 PICTURE SHIFTED DOWN R725 (150k).

11AK19 NO PICTURE OR GREY PICTURE WITH FLYBACK LINES - THE TDA6107 ON THE CRT BASE SOMETIMES GETS DAMAGED DUE TO A CRT FLASH OVER REPLACE IT.
 11AK19 HUM BAR- CHECK DEGAUSSING COILS
 11AK19 PICTURE SIZE VARIATION - CHECK THE 2n2, 1kV CAPACITOR ON THE G2 LINE ON CRT PANEL.
 11AK19 INTERMITTENT BENT SIDES - RESOLDER OR REPLACE L602.
 11AK19 INTERMITTENT NO SOUND VL301 ON NICAM PCB.
 11AK19 LOW WIDTH & NO EW CORRECTION CHECK R629 (2R7) & C630 DRY OR OPEN.
 11AK19 SLIGHTLY EXCESSIVE WIDTH WITH NO 4:3 REDUCTION- REPLACE THE BUK444& L604.
 11AK19 LOW WIDTH- C630 (430NF 250V)+ R629 (2R7)NOTE:- THE VALUE OF R629 IS DEPENDENT ON CRT TYPE/SIZE.
 11AK19 LOPTR 2SD2579 FIT BU2508AF .
 11AK19 LOPTX ARCING(ELDOR 4031800113/CPC. TFFBT40681 /HR8029) .
 11AK19 NO BLUE/YELLOW PICTURE-REPLACE TDA6108J.
 11AK19 NO PICTURE JUST 3 COLOR LINES -TDA8351+FUSIBLE.
 11AK19 NO PICTURE JUST 3 MOVING LINES- REPLACE THE TDA8351 FIELD O/P CHIP .
 11AK19 NO PICTURE- C604 (47NF 63V) .
 11AK19 NO PICTURE - IC901 ON CRT BASE FAULTY (TDA6107Q).
 11AK19 NO PICTURE- TEST/REPLACE IC401 (TDA884X).
 11AK19 NO PIC/BLANK RASTER AQUADAG EARTH SHOULD READ 10K TO CHASSIS EARTH
 11AK19 NO SCART SIGNAL- TEA6415C ..
 11AK19 NO/SLOW PICTURE-C608 (10UF 250V).
 11AK19 POOR EW WIDTH R629 (2R7 OR 27R).
 11AK19 POOR PICTURE LOW A1'S- CUT OFF RED CONNECTOR AND SOLDER DIRECT..
 11AK19 POOR PICTURE- R617 (220K) HIGH OR OPEN.
 11AK19 PSU BLOWN- CHECK/REPLACE FIELD OP CHIP..
 11AK19 SCAN COIL PLUG BURN UP L604(2R7N). .
 11AK19 SERVICE 17=WIDTH 10,14,15,13=FIELD HEIGHT/LIN 13=VERTSHIFT 12=HSHIFT
 11AK19 SERVICE MENU HOLD BOTH VOLUME BUTTONS 10 SECS
 11AK19 SERVICE MODE ,INSTALL MENU PRESS 4,7,2,5. WIDTH=17 18=EW
 11AK19 SERVICE MODE ,INSTALL MENU PRESS 4,7,2,5. WIDTH=28
 11AK19 SERVICE MODE ACCESS ENTER INSTALL MODE THEN PRESS "4725"
 11AK19 SERVICE MODE,FROM INSTALL MENU,PRESS 4,7,2,5 REMOTE.
 11AK19 STANDBY LOW/NO HT,EEPROM, FRONT REMOTE SENSOR
 11AK19 STANDBY, R826 (470K)R821 (470K).
 11AK19 STBY,CRT BASE PCB,TDA6108JK+R914(47R).
 11AK19 TDA6109J CAUSE CRT BASE SOCKET
 11AK19 TOO WIDE/EW Q603(BUK444)+ L602 LOC42
 11AK19 TRIPPING - THE TDA6107Q ON THE CRT BASE WAS THE CAUSE .
 11AK19 TRIPPING D814(UF5402) D815(UF5402) D816(UF5402)
 11AK19 WHEN WARM NO PICTURE SOUND OK,TDA6108JF ON CRT BASE OR A1'S.
 11AK19 WIDESCREEN SETS EW "BOWING"& LOW WIDTH R629(2R7 OR 27R)+RESOLDER ALL LINEOUTPUT AREA.
 11AK19-08A LOPTR(BU2508AF NOR NOD)+TCDT1102G/CQY80NG 150VN ..
 11AK19-08A LOPTR(BU2508AF)+EW RASTER BUK444-200+R629(2R7).
 11AK19-8 DEAD -CHECK RESISTOR R806 (22K).
 11AK19-8A WIDTH FAULTS- CHECK C630 & BUK444 +EW LOADING COIL(16MH).
 11AK19-P4 BOWED SIDES R629 (2R7) +C630 (680NF250V) .
 11AK199B1 DEAD - REPLACE MC44604P AND OPTO CHIP (CQY80NG).
 11AK19B DEAD -R817(2R2 5W)+BRIDGE RECT.
 11AK19B DEAD -TICKS LOPTR(BU2508AF)+RESOLDER LINKS BY LOPTX.
 11AK19B LOW WIDTH, NO PICTURE 3 COLOR LINES ,TDA8351+FUSIBLE RESISTOR R704(1R).
 11AK19B WIDE SCREEN POWER PRESET CLOCKWISE IS HT DOWN HT=150VN
 11AK19B1 DEAD LOPTR,NO LINE DRIVE TDA8843(HOT) IN METAL CAN
 11AK19E3 DEAD R867 (0R33) 5V REG FEED.
 11AK19E3 JUST A FEW COLOURED LINES NEAR THE TOP OF THE PICTURE - R704(100R) ON 45V LINE TO FIELD IC WAS O/C.
 11AK19E3 PICTURE IS JUST SNOW TRANSISTOR Q501(BF420).
 11AK19E3 LED FLASHING NOTHING ELSE WORKING - RESISTOR R867 (0.33R) OPEN CIRCUIT .
 11AK19ES DEAD R867(0R33)+330K+CHOPTR(BUZ90)+CHOPTX+TDA4405-2.
 11AK19ES DEAD R867(0R33)+CHOPTR +CHOPTX.
 11AK19ES LOPTX 28" 110DEG 40348A-02 HT=150VN
 11AK19 PRO WIDESCREEN. DEAD WITH A BLOWN PSU - THE FOLLOWING COMPONENTS WILL OFTEN NEED REPLACING D816 (HT RECTIFIER DIODE) + CHOPPER FET Q802+ CHOPPER CONTROL IC IC802 + D807 + D826 + D827 + R814 (470HM) R817 SURGE LIMITER (2.2 OHM) + MAINS BRIDGE RECTIFIER DIODES (D801-4) + CHECK COIL L801 AT PIN 4 OF CHOPPER TX FOR OPEN CIRCUIT.
 11AK19P DEAD D812 (BYD33D).
 11AK19P 110DEG RAGGED VERTICALS,LOPTX 1342 0006/30002064 ARCING HR8029 .
 11AK19P DEAD R817(2R2) CHOPPER FET(25K2545),D805(BA159) .
 11AK19P LOPTR(2508AF)+EW Q603(9NQ20T/BUK444-200A)WIDESCRN 28"
 11AK19P3 USED IN MANY BLACK DIAMOND SETS.
 11AK19P3 NO LUMINANCE/ INTERMITTENT LUMINANCE/ VARIABLE LUMINANCE/ LOOKS LIKE A BEAM LIMITING FAULT- IC100 FAULTY (TDA9181P) ON SUB PANEL NEXT TO VIDEO PROCESSOR.