

## ADMIRAL

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BRAND : ADMIRAL  
MODEL OR CHASSIS : 19C618  
PROBLEM : SET IS DEAD

SOLUTION : CHECK FOR OPEN R907

BRAND : ADMIRAL  
MODEL OR CHASSIS : 25C657  
PROBLEM : VERTICAL IS REDUCED TO A COUPLE OF INCHES

SOLUTION : CHECK AND REPLACE R102

BRAND : ADMIRAL  
MODEL OR CHASSIS : 13C9018  
PROBLEM : VERTICAL RETRACE LINES AT THE TOP OF THE PICTURE

SOLUTION : CHECK AND REPLACE C606 AND C603

## AOC

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BRAND : AOC  
MODEL OR CHASSIS : C3720  
PROBLEM : SET IS DEAD

SOLUTION : CHECK AND REPLACE D900 THROUGH D903

BRAND : AOC  
MODEL OR CHASSIS : C9722A  
PROBLEM : KEEPS BLOWING THE HORIZONTAL OUTPUT TRANSISTOR

SOLUTION: REPLACE DRIVE TRANSFORMER T800

BRAND : AOC  
MODEL OR CHASSIS : AC2034C  
PROBLEM : THE PICTURE IS SHRUNK IN ON THE SIDES

SOLUTION: CHECK AND REPLACE IC900 THE REGULATOR

## CAPEHART

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BRAND : CAPEHART  
MODEL OR CHASSIS : 7000A  
PROBLEM : NO RASTER. HIGH VOLTAGE IS OK.  
SOLUTION : CHECK AND REPLACE R424.

BRAND : CAPEHART  
MODEL OR CHASSIS : 1996VAR  
PROBLEM : NO VERTICAL SWEEP.  
SOLUTION : CHECK AND REPLACE C607 AND R619.

BRAND : CAPEHART  
MODEL OR CHASSIS : 8050AR  
PROBLEM : DEAD SET.  
SOLUTION : CHECK AND REPLACE FLYBACK.

BRAND : CAPEHART  
MODEL OR CHASSIS : M9C1-1B5  
PROBLEM : HAS SOUND AND HIGH VOLTAGE BUT NO PICTURE  
SOLUTION : CHECK FOR A OPEN R424

BRAND : CAPEHART  
MODEL OR CHASSIS : 1900A0  
PROBLEM : VERTICAL RETRACE LINES AT THE TOP OF THE SCREEN  
SOLUTION: CHECK AND REPLACE CAP C610

BRAND : CAPRHART  
MODEL OR CHASSIS : 9100A  
PROBLEM : DEAD SET.  
SOLUTION : CHECK AND REPLACE HORIZONTAL OUTPUT TRANSISTOR AND THE B+ FUSE.

## EMERSON

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BRAND : EMERSON  
MODEL OR CHASSIS : EC-130  
PROBLEM : SET HAS BRIGHT BLUE SCREEN WITH RETRACE LINES.  
SOLUTION : CHECK AND REPLACE Q351.

BRAND : EMERSON  
MODEL OR CHASSIS : EC-133A  
PROBLEM : SET HAS DARK PICTURE.  
SOLUTION : CHECK AND REPLACE R745.

BRAND : EMERSON  
MODEL OR CHASSIS : ECR1350  
PROBLEM : AFTER SET IS ON FOR ABOUT 1 HOUR, CANNOT TURN TV OFF/ON,  
: CHANGE THE CHANNEL, OR TURN THE VOLUME UP OR DOWN.  
SOLUTION : CHECK AND REPLACE IC101.

BRAND : EMERSON  
MODEL OR CHASSIS : MS27OORDA  
PROBLEM : SET IS DEAD.  
SOLUTION : CHECK AND REPLACE HORIZONTAL OUTPUT TRANSISTOR Q401.

BRAND : EMERSON  
MODEL OR CHASSIS : ECR139A  
PROBLEM : DEAD SET. FUSE CHECKS OK.  
SOLUTION : CHECK AND REPLACE R502.

BRAND : EMERSON  
MODEL OR CHASSIS : MS25ORA  
PROBLEM : INTERMITTENT BRIGHTNESS.  
SOLUTION : CHECK AND REPLACE IC201.

BRAND : EMERSON  
MODEL OR CHASSIS : ECR214D  
PROBLEM : ALL CHANNELS HAVE A SNOWY PICTURE.

SOLUTION : CHECK AND REPLACE TUNER.

BRAND : EMERSON  
MODEL OR CHASSIS : ECR138  
PROBLEM : DEAD SET.

SOLUTION : CHECK AND REPLACE T101.

BRAND : EMERSON  
MODEL OR CHASSIS : MS30RBK  
PROBLEM : DEAD SET.

SOLUTION : CHECK AND REPLACE IC501 AND D508.

BRAND : EMERSON  
MODEL OR CHASSIS : MS198OR  
PROBLEM : DEAD SET.

SOLUTION: CHECK AND REPLACE T101.

BRAND : EMERSON  
MODEL OR CHASSIS : ECR-211  
PROBLEM : NO COLOR.

SOLUTION : CHECK AND REPLACE IC201.

BRAND : EMERSON  
MODEL OR CHASSIS : ECT-1300  
PROBLEM : DEAD SET. BUZZING FROM THE FLYBACK. FUSE CHECKS OK  
: BUT R502 IS OPEN.

SOLUTION : CHECK AND REPLACE THE FLYBACK TRANSFORMER.

BRAND : EMERSON  
MODEL OR CHASSIS : EC-194C  
PROBLEM : PICTURE SHRUNK FROM BOTH SIDES. ALSO THERE IS  
: TICKING FROM THE FLYBACK.

SOLUTION : CHECK AND REPLACE IC501.

BRAND : EMERSON  
MODEL OR CHASSIS : ECT-1900  
PROBLEM : SET HAS NO AUDIO OR VIDEO.

SOLUTION : CHECK AND REPLACE TUNER.

BRAND : EMERSON  
MODEL OR CHASSIS : ECR137  
PROBLEM : DEAD SET.

SOLUTION: CHECK AND REPLACE Q401 AND F501.

BRAND : EMERSON  
MODEL OR CHASSIS : ECR214  
PROBLEM : SET HAS WHITE LINES AT THE TOP OF SCREEN WHICH IS SHRUNK  
: DOWN ABOUT ONE INCH.

SOLUTION : CHECK AND REPLACE C424.

BRAND : EMERSON  
MODEL OR CHASSIS : MS198OR  
PROBLEM : SET LOCKS UP WHEN HOT. NO FUNCTIONS WORK.

SOLUTION : CHECK AND REPLACE IC101.

BRAND : EMERSON  
MODEL OR CHASSIS : MS25ORD  
PROBLEM : DEAD SET.

SOLUTION : CHECK AND REPLACE IC501. PART #STR51041.

BRAND : EMERSON  
MODEL OR CHASSIS : ECR-214  
PROBLEM : DEAD SET. FUSE IS OK.

SOLUTION : CHECK AND REPLACE Q401. ALSO CHECK R502. 3.9 OHMS 5 WATT.

BRAND : EMERSON  
MODEL OR CHASSIS : EC-131  
PROBLEM : NO COLOR.

SOLUTION : CHECK AND REPLACE CHROMA CHIP IC601.

BRAND : EMERSON  
MODEL OR CHASSIS : EC194  
PROBLEM : BAD AUDIO

SOLUTION : ADJUST COIL L301

BRAND : EMERSON

MODEL OR CHASSIS : ECR162  
PROBLEM : VERTICAL IS SHRUNK BY A COUPLE OF INCHES  
SOLUTION : CHECK AND REPLACE CAP C305

BRAND : EMERSON  
MODEL OR CHASSIS : EC-191  
PROBLEM : SET WON'T START INTERMITTENTLY  
SOLUTION : CHECK AND REPLACE Q803

BRAND : EMERSON  
MODEL OR CHASSIS : ERC214D  
PROBLEM : SET WAS DEAD REPLACED SHORTED Q401 AND IT WAS STILL : DEAD  
SOLUTION: REPLACE OPEN R502 A 3.9 OHM 5WATT

BRAND : EMERSON  
MODEL OR CHASSIS : MS1980R  
PROBLEM : SET KEEPS BLOWING HORIZONTAL OUTPUT  
SOLUTION : CHECK CAP C435  
FISHER

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BRAND : FISHER  
MODEL OR CHASSIS : PC205  
PROBLEM : NO VERTICAL  
SOLUTION : CHECK CAP C461 3.3MFD AT 160 VOLTS

BRAND : FISHER  
MODEL OR CHASSIS : PT810  
PROBLEM : ALL GUNS LOOK BAD OR WEAK BAD FOCUS  
SOLUTION: REPLACE T702 AND VR901 #FD0044FBT AND FR0006S RESPECT

BRAND : FISHER  
MODEL OR CHASSIS : PT800  
PROBLEM : LOOKS LIKE ALL 3 GUNS ARE WEAK AND HAS BAD FOCUS  
SOLUTION : REPLACE T702 AND VR901 PART# FD0044FBT FR0006S RESPECT

BRAND : FISHER  
MODEL OR CHASSIS : PT800  
PROBLEM : UNIT SHUTS DOWN RELAY WILL CLICK THE LED COMES ON THEN FADES  
: OUT BUT RELAY STAYS ON  
SOLUTION : CHECK AND REPLACE HV BLOCK PART# FZ0002

BRAND : FISHER  
MODEL OR CHASSIS : PC205RE  
PROBLEM : VERTICAL COLLAPSE FLAT LINE IN CENTER OF SCREEN  
SOLUTION : REPLACE IC451 AND R484

BRAND : FISHER  
MODEL OR CHASSIS : A7HT250  
PROBLEM : NO VERTICAL JUST LINE ACROSS SCREEN  
SOLUTION: REPLACE IC402 A AN5512

BRAND : FISHER  
MODEL OR CHASSIS : A7HT250  
PROBLEM : VERTICAL IS IN ABOUT 5 INCHES FROM TOP OF SCREEN  
SOLUTION : CHECK AND REPLACE CAP C409 A 100MFD AT 35 VOLTS

BRAND : FISHER  
MODEL OR CHASSIS : PC-210  
PROBLEM : SET IS DEAD. CHANNEL DISPLAY LIGHTS UP.  
SOLUTION: CHECK AND REPLACE C007.

BRAND : FISHER  
MODEL OR CHASSIS : PC-350W  
PROBLEM : SET HAS VERY BRIGHT PICTURE WITH RETRACE LINES.  
SOLUTION: CHECK AND REPLACE D454, R475. ALSO CHECK C475.

BRAND : FISHER  
MODEL OR CHASSIS : PC-360K  
PROBLEM : WHITE RASTER  
SOLUTION : CHECK AND REPLACE IC802. ALSO CHECK IC801.

BRAND : FISHER  
MODEL OR CHASSIS : PC-340C  
PROBLEM : SET GOES INTERMITTENTLY BRIGHT WITH RETRACE LINES.  
SOLUTION : CHECK AND REPLACE FLYBACK

## FUNAI

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BRAND : FUNAI  
MODEL OR CHASSIS : T-20M

PROBLEM : RELAY KICKS BUT NO START UP  
SOLUTION : CHECK FOR A BAD C16 4.7 MFD 450 V ALSO CHECK C15 10 MFD 160 V  
: FOR LEAKAGE

## GE

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BRAND : GE  
MODEL OR CHASSIS : 7-7650B  
PROBLEM : DEAD SET. 2.5 AMP FUSE IS OPEN.

SOLUTION : CHECK AND REPLACE D402.

BRAND : GE  
MODEL OR CHASSIS : K413W  
PROBLEM : SET HAS A DARK PICTURE.

SOLUTION: CHECK AND REPLACE C971.

BRAND : GE  
MODEL OR CHASSIS : 19EC1756K  
PROBLEM : DEAD SET.

SOLUTION : CHECK AND REPLACE SAFETY CAPACITOR C1703.

BRAND : GE  
MODEL OR CHASSIS : 10AB  
PROBLEM : DARK PICTURE.

SOLUTION : CHECK AND REPLACE C971.

BRAND : GE  
MODEL OR CHASSIS : EC-D  
PROBLEM : DEAD SET.

SOLUTION : CHECK AND REPLACE SAFETY CAPACITOR C1703.

BRAND : GE  
MODEL OR CHASSIS : PC-J  
PROBLEM : HORIZONTAL CENTERING POT IS BURNED UP

SOLUTION : REPLACE POT AND OPEN FILTER CAP C904  
: IT IS A 100MFD 160 VOLT

BRAND : GE  
MODEL OR CHASSIS : PC-H  
PROBLEM : R969 BURNED OPEN



SOLUTION : CHECK FOR OPEN FILTER C904 A 100MFD 160 VOLT

## GOLDSTAR

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BRAND : GOLDSTAR

MODEL OR CHASSIS : CMR4160

PROBLEM : NO RED.

SOLUTION : CHECK AND REPLACE IC501

BRAND : GOLDSTAR

MODEL OR CHASSIS : CMR4160

PROBLEM : IMMEDIATELY SHUTS DOWN OR WILL NOT START UP.

SOLUTION : CHECK AND REPLACE D472.

BRAND : GOLDSTAR

MODEL OR CHASSIS : CMR-4160

PROBLEM : TOP ONE FIFTH OF VERTICAL SWEEP IS MISSING.

SOLUTION : CHECK AND REPLACE C329 AND C327.

BRAND : GOLDSTAR

MODEL OR CHASSIS : CMR-4160

PROBLEM : VERY BRIGHT PICTURE WITH SMEARED VIDEO

SOLUTION : CHECK AND REPLACE C443.

BRAND : GOLDSTAR

MODEL OR CHASSIS : CNR-845

PROBLEM : HORIZONTAL DRIFTS AND WOULD ONLY LOCK MOMENTARILY.

SOLUTION : CHECK AND REPLACE R402.

BRAND : GOLDSTAR

MODEL OR CHASSIS : CR-407

PROBLEM : INTERMITTENTLY SHUTS DOWN. USUALLY DOES WHEN THE SET IS COLD.

SOLUTION : CHECK AND REPLACE C528.

BRAND : GOLDSTAR

MODEL OR CHASSIS : CMT-4162

PROBLEM : SET SHUTS DOWN INTERMITTENTLY.

SOLUTION : CHECK AND REPLACE MAIN VOLTAGE REGULATOR STR3115.

BRAND : GOLDSTAR

MODEL OR CHASSIS : CT-808

PROBLEM : SET IS DEAD.

SOLUTION : CHECK AND REPLACE TR905 AND R903.

BRAND : GOLDSTAR

MODEL OR CHASSIS : CMR-4200

PROBLEM : SET IS DEAD. F802 IS OPEN.

SOLUTION : CHECK AND REPLACE HORIZONTAL OUTPUT TRANSISTOR Q404. ALSO  
: CHECK R441.

BRAND : GOLDSTAR

MODEL OR CHASSIS : CMT-4162

PROBLEM : DEAD SET.

SOLUTION : CHECK AND REPLACE R802.

BRAND : GOLDSTAR

MODEL OR CHASSIS : CMT-4162

PROBLEM : DEAD SET.

SOLUTION : CHECK AND REPLACE R441.

BRAND : GOLDSTAR

MODEL OR CHASSIS : CMR-9080

PROBLEM : DEAD SET.

SOLUTION : CHECK AND REPLACE R811.

BRAND : GOLDSTAR

MODEL OR CHASSIS : CMR-9080

PROBLEM : PICTURE FLUTTERS THEN SHUTS DOWN.

SOLUTION : CHECK AND REPLACE IC801. ALSO D805.

BRAND : GOLDSTAR

MODEL OR CHASSIS : CMR-9080

PROBLEM : DEAD SET. F802 IS OPEN.

SOLUTION : CHECK AND REPLACE THE FLYBACK TRANSFORMER.

BRAND : GOLDSTAR

MODEL OR CHASSIS : NT-O1X

PROBLEM : DEAD SET.

SOLUTION : CHECK AND REPLACE R811.

BRAND : GOLDSTAR

MODEL OR CHASSIS : CMT-9235  
PROBLEM : NO AUDIO  
SOLUTION : CHECK AND REPLACE R614 IN THE LOW VOLTAGE POWER SUPPLY.

BRAND : GOLDSTAR  
MODEL OR CHASSIS : CMR-4200  
PROBLEM : DEAD SET.  
SOLUTION : CHECK FOR OPEN TRACE TO R811 AT R803.

BRAND : GOLDSTAR  
MODEL OR CHASSIS : CMR-4200  
PROBLEM : SET HAS SLIGHT BOWING ON BOTH SIDES.  
SOLUTION: CHECK AND REPLACE C336.

## HITACHI

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BRAND : HITACHI  
MODEL OR CHASSIS : CT-929  
PROBLEM : DEAD SET. NO START UP.  
SOLUTION : CHECK AND REPLACE R911.

BRAND : HITACHI  
MODEL OR CHASSIS : CT1912A  
PROBLEM : SET IS DEAD.  
SOLUTION : CHECK AND REPLACE R902.

BRAND : HITACHI  
MODEL OR CHASSIS : CT1347  
PROBLEM : SET IS DEAD.  
SOLUTION : CHECK AND REPLACE R951.

BRAND : HITACHI  
MODEL OR CHASSIS : CT-1947  
PROBLEM : NO AUDIO. NO VIDEO. HAS SNOW. CANNOT CHANGE THE CHANNELS.  
SOLUTION : CHECK AND REPLACE IC0201.

BRAND : HITACHI  
MODEL OR CHASSIS : CMT2686  
PROBLEM : SET IS DEAD.

SOLUTION : CHECK AND REPLACE FLYBACK TRANSFORMER.

BRAND : HITACHI  
MODEL OR CHASSIS : CMT2091  
PROBLEM : AUDIO IS DISTORTED. VERTICAL SWEEP IS REDUCED. PROBLEM  
: MAY LOOK LIKE A BAD TUNER.

SOLUTION : CHECK AND REPLACE C771.

BRAND : HITACHI  
MODEL OR CHASSIS : CR-316  
PROBLEM : SMEARED VIDEO WITH TOO MUCH BRIGHTNESS.

SOLUTION : CHECK AND REPLACE C730.

BRAND : HITACHI  
MODEL OR CHASSIS : CMT2080  
PROBLEM : SET HAS DISTORTED AUDIO. VERTICAL SWEEP IS REDUCED.  
: PROBLEM MAY LOOK LIKE A BAD TUNER.

SOLUTION : CHECK AND REPLACE C771.

BRAND : HITACHI  
MODEL OR CHASSIS : CMT2110-194  
PROBLEM : SET IS DEAD. FUSES CHECK OK.

SOLUTION : CHECK AND REPLACE FLYBACK TRANSFORMER.

BRAND : HITACHI  
MODEL OR CHASSIS : CT1912  
PROBLEM : SET HAS BLACK HORIZONTAL BAR 1 INCH THICK NEAR THE TOP  
: OF THE SCREEN. IT MAY DISAPPEAR AFTER THE SET WARMS UP.

SOLUTION : CHECK AND REPLACE C608 22 MFD. @ 160 VOLTS.

BRAND : HITACHI  
MODEL OR CHASSIS : CT1329  
PROBLEM : INTERMITTENT SHUTDOWN, THE PICTURE HAS SLIGHT WEAVING  
: FROM THE BOTTOM TO THE TOP.

SOLUTION : CHECK AND REPLACE IC901. PART #STR3035.

BRAND : HITACHI  
MODEL OR CHASSIS : CT-2532  
PROBLEM : SET HAS BLACK HORIZONTAL BAR AT THE TOP OF THE SCREEN.

SOLUTION: CHECK AND REPLACE C604.

BRAND : HITACHI  
MODEL OR CHASSIS : CT-909  
PROBLEM : HAS INTERMITTENT LOSS OF AUDIO AND RASTER.

SOLUTION : CHECK AND REPLACE Q901.

BRAND : HITACHI  
MODEL OR CHASSIS : CT1917  
PROBLEM : SET HAS BLACK HORIZONTAL BAR AT THE TOP OF THE SCREEN.

SOLUTION : CHECK AND REPLACE C608.

## KMC / KTV

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BRAND : KMC  
MODEL OR CHASSIS : 1954RG  
PROBLEM : RELAY CLICKS BUT NO START UP

SOLUTION : CHECK AND REPLACE Q802 A ECG399

BRAND : KTV  
MODEL OR CHASSIS : KCT1990  
PROBLEM : DEAD MAY BE INTERMITTENT

SOLUTION: RESOLDER FLYBACK AND P401 402 AND 403

BRAND : KTV  
MODEL OR CHASSIS : KCT1990  
PROBLEM : SET GOES INTO SHUTDOWN INTERMITTENTLY

SOLUTION : CHECK CONNECTION ON BLACK WIRE FROM HORIZONTAL  
: HEATSINK TO CRT BOARD

## MAGNAVOX

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BRAND : MAGNAVOX  
MODEL OR CHASSIS : RX4260  
PROBLEM : TURNS ON AS SOON AS IT'S PLUGGED IN. NO SOUND. NO VIDEO. NO  
: RESPONSE TO FRONT PANEL BUTTONS. CANNOT BE TURNED OFF. FULL  
: RASTER SEEN WHEN SCREEN TURNED UP.

SOLUTION : ZENER DIODE Z410 OFF BASE OF Q411 (POWER ON RESET) TRANSISTOR  
: WAS REGULATING TO ABOUT 10V INSTEAD OF 6.2V. THUS  
: INCAPACITATING FUNCTION TO PIN 33 OF MPU IC350 CAUSING MPU TO  
: LOCK UP.

BRAND : MAGNAVOX

**MODEL OR CHASSIS** : RK496OAK  
**PROBLEM** : LOW CONTRAST AND UNCONTROLLABLE.

**SOLUTION** : Q661 OPEN. MICROPROCESSOR PIN 5 WILL APPEAR TO BE INOPERATIVE.  
 : THIS IS NOT THE CASE. CHECK BRIGHTNESS LIMITER TRANSISTOR Q661 FI

**BRAND** : MAGNAVOX  
**MODEL OR CHASSIS** : RK4906AK  
**PROBLEM** : 25P1-01  
 : AS SOON AS TV SET IS TURNED ON, SET WILL SHUT OFF.

**SOLUTION** : CHECK VOLTAGES AT PIN 3 & 5 OF T401. SHOULD HAVE 149 - 150V.  
 : IF IT READS HIGHER, REPLACE R420, 56 K 1 WATT RESISTOR. THEN CHECK  
 : ADJUST R433 TO 130 V.

**BRAND** : MAGNAVOX  
**MODEL OR CHASSIS** : RX426OWA21  
**PROBLEM** : ONE LINE ON SCREEN, VERTICAL FAILURE.

**SOLUTION** : REPLACE SHORTED D445 AND R445 ON THE 24 VOLT LINE. REPLACE D460  
 : AND R460 ON THE +200 VOLT LINE.

**BRAND** : MAGNAVOX  
**MODEL OR CHASSIS** : RK4490  
**PROBLEM** : VERT. DEFLECTION GOES CAUSING SCREEN TO SHRINK ON THE TOP AND  
 : BOTTOM. ALSO HEAR RELAY CHATTERING AFTER WARM UP.

**SOLUTION** : CHECK AND REPLACE IC400

**BRAND** : MAGNAVOX  
**MODEL OR CHASSIS** : RX4035CH01  
**PROBLEM** : NO HIGH VOLTAGE. RELAY CLICKS. NO START PULSE FROM O421 TO PIN  
 : 11 ON IC200.

**SOLUTION** : REPLACE R502 47K RESISTOR WITH 47K 1WT RESISTOR.

**BRAND** : MAGNAVOX  
**MODEL OR CHASSIS** : CH4716PE01  
**PROBLEM** : TUNES CHANNEL, BUT WON'T LOCK. APPEARS TO BE AFT LATCH CIRCUIT.  
 : PIN 47 OF IC250 ABOUT 2.5 V LOW.

**SOLUTION** : REPLACE LEAKY C244.

**BRAND** : MAGNAVOX  
**MODEL OR CHASSIS** : RH434OWAO3  
**PROBLEM** : DEAD SET.

**SOLUTION** : REPLACE T471.

BRAND : MAGNAVOX  
MODEL OR CHASSIS : RX4260  
PROBLEM : NO AUDIO. NO 16VOLT SUPPLY TO IC230.  
SOLUTION : REPLACE SHORTED IC450 - 16 VOLT REGULATOR.

BRAND : MAGNAVOX  
MODEL OR CHASSIS : 19L4-02  
PROBLEM : DEAD  
SOLUTION : IC430 OPENED F401. REPLACE SHORTED IC430.

BRAND : MAGNAVOX  
MODEL OR CHASSIS : 25C8  
PROBLEM : AUDIO POOR ADJUSTING IF DETECTOR NO HELP  
SOLUTION : REPLACE Y201 NAP #3620700001

BRAND : MAGNAVOX  
MODEL OR CHASSIS : 19B1  
PROBLEM : INTERMITTENTLY WOUL NOT START OR DIE OUT  
SOLUTION : RESOLDER BAD CONECTIONS ON T471

BRAND : MAGNAVOX  
MODEL OR CHASSIS : 19B1  
PROBLEM : TUNER WOULD BE INTERMITTENT  
SOLUTION : CHECK AND REPLACE Y301 A 4 MGHZ CRYSTAL

BRAND : MAGNAVOX  
MODEL OR CHASSIS : 20B1  
PROBLEM : NO AUDIO  
SOLUTION : CHECK FOR OPEN R43,R45,R47,R55 AND LEAKY OR SHORTED Q52,Q53  
: AND Q42,Q43

BRAND : MAGNAVOX  
MODEL OR CHASSIS : 20B1  
PROBLEM : INTERMITTENT STARTUP OR SHUTDOWN  
SOLUTION : CHECK FOR BAD CONNECTIONS ON T471

BRAND : MAGNAVOX  
MODEL OR CHASSIS : 26C9  
PROBLEM : NO STARTUP DEAD

SOLUTION : CHECK FOR A OPEN R403

BRAND : MAGNAVOX

MODEL OR CHASSIS : 20F1

PROBLEM : SET WILL INTERMITTENTLY NOT CHANGE CHANNELS OR VOLUME MAY  
: NOT TURN OFF

SOLUTION : CHECK AND REPLACE MICRO IC350

BRAND : MAGNAVOX

MODEL OR CHASSIS : 25P1

PROBLEM : TV SHUTS OFF

SOLUTION : CHECK FOR A OPEN R429 AND A SHORTED C430

BRAND : MAGNAVOX

MODEL OR CHASSIS : 19S4

PROBLEM : SET IS DEAD THE FUSES ALL CHECK OK

SOLUTION : CHECK FOR OPEN R407 1/4 WATT 100 OHM

BRAND : MAGNAVOX

MODEL OR CHASSIS : 13L4

PROBLEM : BRIGHT SCREEN WITH RETRACE YOU CAN BARELY SEE THE PICTURE

SOLUTION : CHECK FOR OPEN R460 OFF OF THE FLYBACK

BRAND : MAGNAVOX

MODEL OR CHASSIS : RP2786B102

PROBLEM : DEAD SET. FUSE IS OK.

SOLUTION : CHECK AND REPLACE Q501. HORIZONTAL OUTPUT TRANSISTOR.

BRAND : MAGNAVOX

MODEL OR CHASSIS : BK4482AK02

PROBLEM : SET IS DEAD.

SOLUTION : CHECK AND REPLACE IC401, C430, AND R424.

BRAND : MAGNAVOX

MODEL OR CHASSIS : RX1935WA22

PROBLEM : SHUTS DOWN INTERMITTENTLY.

SOLUTION : CHECK AND REPLACE IC430

BRAND : MAGNAVOX

MODEL OR CHASSIS : RX4476AKO3



PROBLEM : SET IS DEAD. F410 2 AMP FUSE IS OPEN.

SOLUTION : CHECK AND REPLACE HORIZONTAL OUTPUT TRANSISTOR Q502.

  

BRAND : MAGNAVOX  
MODEL OR CHASSIS : 25N1-O1  
PROBLEM : NO VERTICAL SWEEP

SOLUTION : CHECK AND REPLACE IC550 WHICH IS LA7831. ALSO CHECK R445.

  

BRAND : MAGNAVOX  
MODEL OR CHASSIS : T982-13  
PROBLEM : NO RASTER

SOLUTION : CHECK AND REPLACE SAFETY CAPACITOR C302.

  

BRAND : MAGNAVOX  
MODEL OR CHASSIS : T982-13  
PROBLEM : NO VERTICAL SWEEP

SOLUTION : CHECK AND REPLACE L202.

BRAND : MAGNAVOX  
MODEL OR CHASSIS : CF4464  
PROBLEM : HIGH VOLTAGE COMES UP, THEN GOES TO IMMEDIATE SHUTDOWN.

SOLUTION : CHECK AND REPLACE SAFETY CAPACITOR C220.

  

BRAND : MAGNAVOX  
MODEL OR CHASSIS : 19C301-CB  
PROBLEM : SET IS PULSATING ON/OFF. IT LIKE START UP AND SHUTDOWN CYCLING.

SOLUTION : CHECK AND REPLACE C474.

  

BRAND : MAGNAVOX  
MODEL OR CHASSIS : 19C522CC  
PROBLEM : SET IS DEAD.

SOLUTION : CHECK AND REPLACE IC1000.

  

BRAND : MAGNAVOX  
MODEL OR CHASSIS : 19C522CC  
PROBLEM : SET HAS NO AUDIO OR VIDEO.

SOLUTION : CHECK AND REPLACE IC1200.

  

BRAND : MAGNAVOX  
MODEL OR CHASSIS : BF3909BK  
PROBLEM : NO AUDIO.

SOLUTION : CHECK AND REPLACE IC301.

BRAND : MAGNAVOX  
MODEL OR CHASSIS : 13C101AA  
PROBLEM : LOSS OF VERTICAL SWEEP

SOLUTION : CHECK AND REPLACE Q300.

BRAND : MAGNAVOX  
MODEL OR CHASSIS : T815-09  
PROBLEM : NO BLUE

SOLUTION : CHECK AND REPLACE IC2 ON THE CHROMA MODULE.

BRAND : MAGNAVOX  
MODEL OR CHASSIS : T995-02DC  
PROBLEM : NO VERTICAL SWEEP.

SOLUTION : CHECK AND REPLACE Q8.

BRAND : MAGNAVOX  
MODEL OR CHASSIS : T995-03  
PROBLEM : NO VERTICAL SWEEP.

SOLUTION : CHECK AND REPLACE Q8 ON THE VERTICAL MODULE.

BRAND : MAGNAVOX  
MODEL OR CHASSIS : T986-6  
PROBLEM : DEAD SET.

SOLUTION : CHECK AND REPLACE RESISTOR R15 AND CAPASITOR C13 ON THE  
HORIZONTAL MODULE.

BRAND : MAGNAVOX  
MODEL OR CHASSIS : T991-13  
PROBLEM : NO VERTICAL SWEEP.

SOLUTION : CHECK AND REPLACE L1 AND L2.

BRAND : MAGNAVOX  
MODEL OR CHASSIS : T991-02  
PROBLEM : NO VERTICAL SWEEP ON HALF OF THE SCREEN.

SOLUTION : CHECK AND REPLACE Q102.

BRAND : MAGNAVOX  
MODEL OR CHASSIS : T991-O1AA  
PROBLEM : DEAD SET.

SOLUTION : CHECK AND REPLACE R101.

BRAND : MAGNAVOX  
MODEL OR CHASSIS : T991-02  
PROBLEM : NO RED.

SOLUTION : CHECK AND REPLACE Q1 ON THE RGB MODULE.

BRAND : MAGNAVOX  
MODEL OR CHASSIS : R34-18  
PROBLEM : NO RASTER

SOLUTION : CHECK AND REPLACE IC900

BRAND : MAGNAVOX  
MODEL OR CHASSIS : R34-18  
PROBLEM : INTERMITTENT TUNER ACTION

SOLUTION : CHECK AND RESOLDER SOLDER JOINTS  
: ON SOCKET #506 NEAR FLYBACK

BRAND : MAGNAVOX  
MODEL OR CHASSIS : MM2971WR02  
PROBLEM : SET HAS BRIGHT RASTER WITH NO RETRACE LINES

SOLUTION : CHECK AND REPLACE CAPACITOR C540

BRAND : MAGNAVOX  
MODEL OR CHASSIS : RC4947PN02  
PROBLEM : SET IS DEAD

SOLUTION : CHECK AND REPLACE DIODE D404 IN HORIZONTAL YOKE CIRCUIT

BRAND : MAGNAVOX  
MODEL OR CHASSIS : CF4040SL01  
PROBLEM : INTERMITTENTLY WILL NOT TURN ON

SOLUTION : SWITCH CONTACTS ON SWITCH ASSEMBLY WITH UNUSED CONTACTS

BRAND : MAGNAVOX  
MODEL OR CHASSIS : E32-01  
PROBLEM : SET HAS BRIGHT RASTER WITH NO RETRACE LINES

SOLUTION : CHECK AND REPLACE CAPACITOR C540

BRAND : MAGNAVOX  
MODEL OR CHASSIS : 25C541-BA  
PROBLEM : SET IS DEAD  
SOLUTION : CHECK AND REPLACE DIODE D404 IN THE HORIZONTAL YOKE CIRCUIT

BRAND : MAGNAVOX  
MODEL OR CHASSIS : BD4143WA06  
PROBLEM : SET IS DEAD  
SOLUTION : CHECK AND REPLACE TRANSISTOR Q410

BRAND : MAGNAVOX  
MODEL OR CHASSIS : 19C301  
PROBLEM : SET IS DEAD  
SOLUTION : CHECK AND REPLACE TRANSISTOR Q410

BRAND : MAGNAVOX  
MODEL OR CHASSIS : RF4246WA03  
PROBLEM : PULSATING B+ WITH PULSATING NOISE IN SPEAKER THEN SHUTS DOWN  
SOLUTION : RESOLDER BAD JOINT AT C476 ALSO CHECK C474

BRAND : MAGNAVOX  
MODEL OR CHASSIS : 19C315CC  
PROBLEM : PULSATING B+ WITH PULSATING NOISE IN SPEAKER THEN SHUTS DOWN  
SOLUTION : RESOLDER BAD JOINT AT C476 ALSO CHECK C474

BRAND : MAGNAVOX  
MODEL OR CHASSIS : 19C120  
PROBLEM : NO VERTICAL SWEEP NO VIDEO POOR AUDIO ON SOME CHANNELS  
SOLUTION : CHECK AND REPLACE ZENER DIODE Z200

BRAND : MAGNAVOX  
MODEL OR CHASSIS : RE4042WA  
PROBLEM : PICTURE TURNS PINK INTERMITTENTLY  
SOLUTION : RESOLDER ALL PINS ON IC501

BRAND : MAGNAVOX  
MODEL OR CHASSIS : NF-01X  
PROBLEM : PICTURE INTERMITTENTLY TURNS PINK

SOLUTION: RESOLDER ALL PINS ON IC501

BRAND : MAGNAVOX  
MODEL OR CHASSIS : RG4049SL  
PROBLEM : DEAD SET.

SOLUTION : CHECK AND REPLACE FLYBACK TRANSFORMER. ALSO CHECK  
: HORIZONTAL OUTPUT TRANSISTOR Q452 AND RESISTOR R502.

BRAND : MAGNAVOX  
MODEL OR CHASSIS : 19C602  
PROBLEM : DEAD SET.

SOLUTION : CHECK AND REPLACE IC1000.

BRAND : MAGNAVOX  
MODEL OR CHASSIS : 19C521  
PROBLEM : NO RASTER

SOLUTION: CHECK AND REPLACE IC331.

BRAND : MAGNAVOX  
MODEL OR CHASSIS : CF404OSLO1  
PROBLEM : NO RASTER.

SOLUTION : CHECK AND REPLACE IC502.

BRAND : MAGNAVOX  
MODEL OR CHASSIS : C8  
PROBLEM : DEAD

SOLUTION : CHECK Q400

## NAP

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BRAND : NAP  
MODEL OR CHASSIS : 20P1, 25P1  
PROBLEM : TURNS ON WHEN PLUGGED INTO WALL SOCKET. HAS VIDEO/AUDIO.  
: WILL NOT TURN OFF WITH POWER SWITCH.

SOLUTION : CHECK AND REPLACE IC402

BRAND : NAP  
MODEL OR CHASSIS : N1  
PROBLEM : THE ONSCREEN DISPLAY ROLLS

SOLUTION : CHECK AND REPLACE Q380 AND D750

BRAND : NAP  
MODEL OR CHASSIS : N1  
PROBLEM : SET KEEPS BLOWING THE HORIZONTAL OUTPUT  
SOLUTION : CHECK THE DRIVE PULSE IF IT HAS DISTORTION CHECK  
: AND REPLACE C523

BRAND : NAP  
MODEL OR CHASSIS : N1  
PROBLEM : Q502 BLOWS AS SOON AS YOU TURN SET ON

SOLUTION : CHECK THE COLLECTOR OF Q501 IF MORE THAN 130 VOLTS  
: PEAK TO PEAK CHECK AND REPLACE IC200

BRAND : NAP  
MODEL OR CHASSIS : N1  
PROBLEM : SET WILL BE DEAD INTERMITTENTLY  
SOLUTION : CHECK VALUE OF R410 WHEN HOT IT SHOULD BE 150K OHMS

BRAND : NAP  
MODEL OR CHASSIS : N1  
PROBLEM : YOU CAN'T CONTROL THE BRIGHTNESS  
SOLUTION : CHECK AND REPLACE C343

BRAND : NAP  
MODEL OR CHASSIS : N1  
PROBLEM : WHEN YOU CHANGE CHANNELS IT TAKES A FEW SECONDS TO GET  
: COLOR  
SOLUTION : CHECK AND REPLACE Y260 A 3.58 MHZ CRYSTAL

BRAND : NAP  
MODEL OR CHASSIS : N1  
PROBLEM : SET HAS NO AUDIO  
SOLUTION : CHECK AND REPLACE C221 IT IS SHORTED

BRAND : NAP  
MODEL OR CHASSIS : L1  
PROBLEM : VIDEO IS FAINT LOOKS LIKE NEGATIVE IMAGE  
SOLUTION: CHECK AND REPLACE Y603

BRAND : NAP

MODEL OR CHASSIS : L4  
PROBLEM : VIDEO IS FAINT LOOKS LIKE A NEGATIVE IMAGE

SOLUTION: CHECK AND REPLACE Y603

BRAND : NAP  
MODEL OR CHASSIS : L1  
PROBLEM : RELAY CHATTERS

SOLUTION: REPLACE D413 AND C413

BRAND : NAP  
MODEL OR CHASSIS : L4  
PROBLEM : RELAY CHATTERS

SOLUTION: REPLACE D413 AND C413

BRAND : NAP  
MODEL OR CHASSIS : L1  
PROBLEM : SET IS IN SHUTDOWN

SOLUTION : CHECK AND REPLACE Z422

BRAND : NAP  
MODEL OR CHASSIS : L4  
PROBLEM : SET IS IN SHUTDOWN

SOLUTION : CHECK AND REPLACE Z422

BRAND : NAP  
MODEL OR CHASSIS : L1  
PROBLEM : NO ONSCREEN DISPLAY

SOLUTION : CHECK Q325 AND Q327 AND Q338

BRAND : NAP  
MODEL OR CHASSIS : L4  
PROBLEM : NO ONSCREEN DISPLAY

SOLUTION: CHECK Q325 AND Q327 AND Q338

BRAND : NAP  
MODEL OR CHASSIS : L1  
PROBLEM : NO STARTUP

SOLUTION : CHECK AND REPLACE Q330

BRAND : NAP  
MODEL OR CHASSIS : L4  
PROBLEM : NO STARTUP  
  
SOLUTION : CHECK AND REPLACE Q330

BRAND : NAP  
MODEL OR CHASSIS : L1  
PROBLEM : NO STARTUP  
  
SOLUTION : CHECK FOR A OPEN R423

BRAND : NAP  
MODEL OR CHASSIS : L4  
PROBLEM : NO STARTUP  
  
SOLUTION: CHECK FOR A OPEN R423

BRAND : NAP  
MODEL OR CHASSIS : K4  
PROBLEM : NO STARTUP  
  
SOLUTION: CHECK AND REPLACE CAP C2058

BRAND : NAP  
MODEL OR CHASSIS : G1  
PROBLEM : NO AUDIO OR VIDEO  
  
SOLUTION : CHECK AND REPLACE Y606 SEE IF IT IS SHORTED

BRAND : NAP  
MODEL OR CHASSIS : G1  
PROBLEM : SET HAS BAD VIDEO AUDIO IS OK  
  
SOLUTION : CHECK AND REPLACE C249

BRAND : NAP  
MODEL OR CHASSIS : G1  
PROBLEM : NO VIDEO AND 200 VOLTS AT TP 7 IS GONE  
  
SOLUTION : CHECK AND REPLACE R498

BRAND : NAP  
MODEL OR CHASSIS : G1  
PROBLEM : WHEN YOU TURN SET ON AUDIO IS OK NO PICTURE



: HIGH VOLTAGE IS PRESENT

SOLUTION : CHECK AND REPLACE Q657 THE LUMINANCE DRIVER

BRAND : NAP  
MODEL OR CHASSIS : G1  
PROBLEM : VERTICAL DROPS TO A LINE INTERMITTENTLY

SOLUTION : REPLACE D554 IT MAY CHEK OK

BRAND : NAP  
MODEL OR CHASSIS : G1  
PROBLEM : SET HAS NO ONSCREEN DISPLAY

SOLUTION : CHECK AND REPLACE Q305 AND Q317

BRAND : NAP  
MODEL OR CHASSIS : G1  
PROBLEM : SET IN SHUTDOWN

SOLUTION : REPLACE Q434 IT MAY CHECK OK

BRAND : NAP  
MODEL OR CHASSIS : G1  
PROBLEM : ONSCREEN DISPLAY HAS VERTICAL JITTER OR ROLL

SOLUTION : CHECK AND REPLACE D306

BRAND : NAP  
MODEL OR CHASSIS : C4  
PROBLEM : 110 VOLT SOURCE IS HIGH AND TV SHUTS DOWN

SOLUTION : CHECK CAP C506 AND ALSO SEE IF R516 HAS CHANGED IN VALUE  
: IT IS A 680K 2% AND R522 A 19.6K AT 1%

BRAND : NAP  
MODEL OR CHASSIS : C4  
PROBLEM : TV GOES DEAD INTERMITTENTLY

SOLUTION : RESOLDER T601 THE IFT T700 AND CHECK THE  
: HORIZANTOL OUTPUT SOCKET

BRAND : NAP  
MODEL OR CHASSIS : C5  
PROBLEM : DEAD SET

SOLUTION : CHECK FOR A SHORTED D404 USE A NAP 5302601004

: AND RESOLDER YOKE CONECTOR AND L405

BRAND : NAP  
MODEL OR CHASSIS : 19C5  
PROBLEM : HAS A BLACK VERTICAL BAR

SOLUTION : CHECK R403 OFF PIN 1 OF FLYBACK

BRAND : NAP  
MODEL OR CHASSIS : C5  
PROBLEM : DEAD

SOLUTION : CHECK SEE IF 130 VOLT SOURCE IS MISSING IF SO CHECK  
: FOR A OPEN D461

BRAND : NAP  
MODEL OR CHASSIS : C5  
PROBLEM : TUNER WON'T LOCK ON CHANNEL

SOLUTION : REPLACE L55

BRAND : NAP  
MODEL OR CHASSIS : C9  
PROBLEM : DEAD

SOLUTION : CHECK AND REPLACE Q501 IT SHORTS

BRAND : NAP  
MODEL OR CHASSIS : C9  
PROBLEM : TP4 130 VOLT SOURCE IS LOW

SOLUTION : CHECK Q406,Q407 AND R448

BRAND : NAP  
MODEL OR CHASSIS : F1  
PROBLEM : UNIT HAS SOUND BUT NO VIDEO

SOLUTION : CHECK AND REPLACE D640

BRAND : NAP  
MODEL OR CHASSIS : F1  
PROBLEM : SET HAS SOUND BUT NO PICTURE

SOLUTION : CHECK 3.58 MHZ TRAP Y609

BRAND : NAP  
MODEL OR CHASSIS : F1

PROBLEM : SET HAS GOOD AUDIO AND PICTURE BUT NO COLOR

SOLUTION : CHECK RESISITER R638

BRAND : NAP

MODEL OR CHASSIS : G1

PROBLEM : SET HAS NO COLOR

SOLUTION : CHECK FOR LEAKY C650 C651 AND C653

BRAND : NAP

MODEL OR CHASSIS : G1

PROBLEM : BRIGHT RASTER WITH RERACE AND SET TURNS ON AS SOON AS  
: YOU PLUG IT IN

SOLUTION : CHECK FOR ALEAKY Q312 AND Z300

BRAND : NAP

MODEL OR CHASSIS : G1

PROBLEM : POWER SURGE SET DEAD

SOLUTION : CHECK BRIDGE DIODES R430.426 428 427 AND 420 ALSO Q420  
: D448 IC401 AND HORIZONTAL OUTPUT

BRAND : NAP

MODEL OR CHASSIS : G1

PROBLEM : 130 VOLTS LOW TICKING SOUND

SOLUTION : CHECK FOR A OPEN R445 AND BAD IC550

BRAND : NAP

MODEL OR CHASSIS : G1

PROBLEM : SET HAS VERTICAL FOLDOVER

SOLUTION : CHECK AND REPLAC EIC400

BRAND : NAP

MODEL OR CHASSIS : K4

PROBLEM : YOU CAN'T TURN SET OFF

SOLUTION : CHECK AND REPLACE Q7673

BRAND : NAP

MODEL OR CHASSIS : K4

PROBLEM : NO STARTUP SET DEAD

SOLUTION : CHECK AND REPLACE ZENER DIODE 6610

BRAND : NAP

MODEL OR CHASSIS : L1  
PROBLEM : AUDIO HAS A HUM OR BUZZ SOUND IN IT  
SOLUTION : CHECK AND REPLACE Y220

BRAND : NAP  
MODEL OR CHASSIS : L4  
PROBLEM : AUDIO HAS A HUM OR BUZZ SOUND IN IT  
SOLUTION : CHECK AND REPLACE Y220

BRAND : NAP  
MODEL OR CHASSIS : N1  
PROBLEM : BAD AUDIO IT HAS A LOT OF DISTORTION  
SOLUTION: CHECK AND REPLACE Q461

BRAND : NAP  
MODEL OR CHASSIS : N1  
PROBLEM : YOU CAN NOT TURN AUDIO DOWN LOW  
SOLUTION : CHECK AND REPLACE Q709

BRAND : NAP  
MODEL OR CHASSIS : N1  
PROBLEM : SET HAS NO COLOR UNTIL IT HA BEEN ON FOR A WHILE  
SOLUTION : CHECK AND REPLACE IC600 NORMALLY IF FROZEN  
: COLOR WILL GO OUT IF IT IS BAD

BRAND : NAP  
MODEL OR CHASSIS : B1  
PROBLEM : VERTICAL GOES OUT EVERY 3 HOURS  
SOLUTION : CHECK AND REPLACE D554

BRAND : NAP  
MODEL OR CHASSIS : B1  
PROBLEM : TURNS ON THEN GOES INTO SHUTDOWN  
SOLUTION : CHECK AND REPLACE C501 BOARD AROUND IT MAY NEED REPAIR

BRAND : NAP  
MODEL OR CHASSIS : B1  
PROBLEM : NO STARTUP

SOLUTION : CHECK AND REPLACE R467

BRAND : NAP  
MODEL OR CHASSIS : 13A3  
PROBLEM : SET WILL NOT TURN ON INTERMITTENTLY

SOLUTION : CHECK AND REPLACE Q473

BRAND : NAP  
MODEL OR CHASSIS : 13K4  
PROBLEM : VERY BRIGHT THEN SHUTS DOWN

SOLUTION : CHECK AND REPLACE R3535 A 1 OHM 1/4 WATT

BRAND : NAP  
MODEL OR CHASSIS : 40"  
PROBLEM : SET HAS WHITE BARS ROLLING THROUGH PICTURE

SOLUTION : CHECK AND REPLACE CAP C522

BRAND : NAP  
MODEL OR CHASSIS : 40"  
PROBLEM : RIGHT SIDE HAS ABOUT 6" OF PICTURE

SOLUTION : CHECK AND REPLACE CAP C578 IT IS UNDER THE CHASSIS

BRAND : NAP  
MODEL OR CHASSIS : B1  
PROBLEM : DEAD MAKES TICKING SOUND

SOLUTION : CHECK CONNECTIONS ON AND AROUND R335

BRAND : NAP  
MODEL OR CHASSIS : C8  
PROBLEM : SQUEAL FROM FLYBACK

SOLUTION : REMOVE FLYBACK AND UNSOLDER GROUNDING SPRING  
: THAT IS BETWEEN THE CORE AND CASE THEN REINSTALL THE  
: TRANSFORMER

BRAND : NAP  
MODEL OR CHASSIS : C8  
PROBLEM : THE 130 VOLT SOURCE WON'T REGULATE

SOLUTION : CHANGE Q407

BRAND : NAP  
MODEL OR CHASSIS : C8  
PROBLEM : Q400 SHORTS OUT

SOLUTION : INSTALL KIT P# 6105610K01

BRAND : NAP  
MODEL OR CHASSIS : C8  
PROBLEM : LEFT SIDE OF PICTURE IS DARK

SOLUTION : CHECK AND REPLACE C508

BRAND : NAP  
MODEL OR CHASSIS : C8  
PROBLEM : SET HAD RETRACE LINES AT TOP WHEN HOT

SOLUTION : CHECK AND REPLACE IC201

BRAND : NAP  
MODEL OR CHASSIS : C8  
PROBLEM : SET MAKES HIGH PITCHED NOISE WHEN OFF

SOLUTION : CHECK AND REPLACE R430 56 OHM

BRAND : NAP  
MODEL OR CHASSIS : C9  
PROBLEM : THE LEFT SIDE OF THE PICTURE IS DARK

SOLUTION : CHECK AND REPLACE C508

BRAND : NAP  
MODEL OR CHASSIS : C9  
PROBLEM : TUNER WON'T WORK UNTIL SET WARMS UP

SOLUTION : CHECK FOR BAD SOLDER ON Y301

BRAND : NAP  
MODEL OR CHASSIS : E1  
PROBLEM : PICTURE IS BRIGHT RED WITH RETRACE

SOLUTION : CHECK AND REPLACE C4

BRAND : NAP  
MODEL OR CHASSIS : E21  
PROBLEM : VERTICAL IS SHORT

SOLUTION : CHECK AND REPLACE POWER SUPPLY CAP C520

BRAND : NAP  
MODEL OR CHASSIS : E34  
PROBLEM : PICTURE PULSATES

SOLUTION : CHECK AND REPLACE SC524

BRAND : NAP  
MODEL OR CHASSIS : E34  
PROBLEM : COLOR COMES AND GOES

SOLUTION : CHECK R472 AND R469 SHOULD BE 150 KOHMS EACH

BRAND : NAP  
MODEL OR CHASSIS : E34  
PROBLEM : SET WON'T START

SOLUTION : CHECK AND REPLACE Q400

BRAND : NAP  
MODEL OR CHASSIS : E34  
PROBLEM : HORIZANTOL FOLDOVER

SOLUTION : CHECK AND REPLACE IC700

BRAND : NAP  
MODEL OR CHASSIS : E34  
PROBLEM : INTERMITTENTLY WON'T START

SOLUTION : CHECK PIN 8 OF IC700 IF VOLTAGE IS MISSING CHANGE IC700

BRAND : NAP  
MODEL OR CHASSIS : E34-11  
PROBLEM : SET HAS A CHRISTMAS TREE EFFECT

SOLUTION : CHECK CAP C518B

BRAND : NAP  
MODEL OR CHASSIS : E34  
PROBLEM : VERTICAL WOULD GO OUT INTERMITTENTLY

SOLUTION : CHECK AND REPLACE INTERMITTENT DIODE SC310

BRAND : NAP  
MODEL OR CHASSIS : E50  
PROBLEM : THE HIGH VOLTAGE WOULD COME UP THEN GO OFF

: EVERY FEW SECONDS

SOLUTION : CHECK AND REPLACE C410 IT IS ON THE IF MODULE

BRAND : NAP  
MODEL OR CHASSIS : E51  
PROBLEM : SC522 WOULD SHORT OVER AND OVER WHICH IN TURN  
: WOULD CAUSE A DEAD SET

SOLUTION : CHECK CAP C532 A 22MFD 160 VOLT IT IS MOUNTED UNDER THE CHASSIS

BRAND : NAP  
MODEL OR CHASSIS : E51  
PROBLEM : SET HAD A VERY DARK SCREEN WITH A GREEN BAR GOING VERTICALLY

SOLUTION : CHECK AND REPLACE C564

BRAND : NAP  
MODEL OR CHASSIS : G1  
PROBLEM : SET IS DEAD

SOLUTION : CHECK FOR SHORTED D448,Q420 AND OPEN R430

BRAND : NAP  
MODEL OR CHASSIS : G1  
PROBLEM : YOU CAN'T ADJUST THE 130 VOLT SOURCE DOWN TO 130 VOLTS

SOLUTION : CHECK R433 A 115K 1/4 WATT

BRAND : NAP  
MODEL OR CHASSIS : G1  
PROBLEM : THE PICTURE IS SUCKED IN ON BOTH SIDES

SOLUTION : CHECK AND REPLACE THE VERTICAL OUTPUT IC

BRAND : NAP  
MODEL OR CHASSIS : H1  
PROBLEM : DEAD

SOLUTION : CHECK Q410 AND R403 IF UNIT FAILS AGAIN CHECK IC401

BRAND : NAP  
MODEL OR CHASSIS : K20  
PROBLEM : UNIT IS DEAD

SOLUTION : CHECK FOR OPEN R428



BRAND : NAP  
MODEL OR CHASSIS : 19C3  
PROBLEM : SET IS IN HIGH VOLTAGE SHUTDOWN

SOLUTION : CHECK CAP C476

BRAND : NAP  
MODEL OR CHASSIS : 26B1  
PROBLEM : VERTICAL GOES OUT INTERMITTENTLY SET MAY GO INTO SHUTDOWN

SOLUTION : CHECK AND REPLACE Z670

BRAND : NAP  
MODEL OR CHASSIS : D9  
PROBLEM : SET GOES INTO SHUTDOWN

SOLUTION : CHECK R424

BRAND : NAP  
MODEL OR CHASSIS : 19E1  
PROBLEM : NO AUDIO

SOLUTION : CHECK Q210 A C2383 Q212 A A1013 AND R210 A 150 OHM 1/2 WATT

BRAND : NAP  
MODEL OR CHASSIS : 20F1  
PROBLEM : NO OR DISTORTED AUDIO

SOLUTION : CHECK Q210 A C2383 Q212 A A1013 AND R210 A 150 OHM 1/2 WATT

## NEC

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BRAND : NEC  
MODEL OR CHASSIS : CT-2505A  
PROBLEM : WHITE LINES AT TOP 3 INCHES OF THE PICTURE.

SOLUTION : CHECK AND REPLACE C414. 2.2 MFD @160 VOLTS.

## PANASONIC

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BRAND : PANASONIC  
MODEL OR CHASSIS : CT-906  
PROBLEM : HAS NO AUDIO OR VIDEO

SOLUTION : CHECK AND REPLACE IC101

BRAND : PANASONIC

MODEL OR CHASSIS : CT-216A  
PROBLEM : SET HAS NO AUDIO

SOLUTION : CHECK AND REPLACE TR251  
BRAND : PANASONIC  
MODEL OR CHASSIS : TC-297NP  
PROBLEM : SET HAS BRIGHT SCREEN WITH RETRACE LINES.

SOLUTION: CHECK AND REPLACE C519.

BRAND : PANASONIC  
MODEL OR CHASSIS : CT-714  
PROBLEM : SET IS DEAD.

SOLUTION : CHECK AND REPLACE R801 AND TR801

BRAND : PANASONIC  
MODEL OR CHASSIS : ETA-12  
PROBLEM : SET HAS NO RASTER OR AUDIO

SOLUTION: CHECK AND REPLACE R534.

BRAND : PANASONIC  
MODEL OR CHASSIS : CTF-1949R  
PROBLEM : SET IS DEAD. B+ FUSE F002 IS OPEN.

SOLUTION: CHECK AND REPLACE HORIZONTAL OUTPUT TRANSISTOR.

BRAND : PANASONIC  
MODEL OR CHASSIS : CT-9020  
PROBLEM : SET HAS BRIGHT RASTER WITH RETRACE LINES.

SOLUTION : CHECK AND REPLACE C559.

BRAND : PANASONIC  
MODEL OR CHASSIS : CT-9041  
PROBLEM : SET HAS DARK SHADING ON THE LEFT 1/4 OF THE SCREEN.

SOLUTION : CHECK AND REPLACE C559.

BRAND : PANASONIC  
MODEL OR CHASSIS : CTF-1011  
PROBLEM : SET IS DEAD.

SOLUTION : CHECK AND REPLACE R803.

## PHILCO

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BRAND : PHILCO

MODEL OR CHASSIS : 19C3  
PROBLEM : SHUTDOWN BUT WORKS AT LOWER VOLTAGE

SOLUTION : REPLACE C509

BRAND : PHILCO  
MODEL OR CHASSIS : P8190  
PROBLEM : DEAD

SOLUTION : SOLDER PINS 1 & 2 ON SK500 IN THE BOTTOM OF THE P.S. BOARD.

BRAND : PHILCO  
MODEL OR CHASSIS : 26C606  
PROBLEM : SHUTS DOWN INTERMITTENTLY.

SOLUTION : CHECK AND REPLACE SAFETY CAPACITOR C466. ALSO CHECK R400.

BRAND : PHILCO  
MODEL OR CHASSIS : R2981SSLO1  
PROBLEM : NO START UP.

SOLUTION : CHECK AND REPLACE R428 AND D407.

BRAND : PHILCO  
MODEL OR CHASSIS : C2507SWA  
PROBLEM : VERY POOR AUDIO.

SOLUTION: CHECK AND REPLACE IC601.

BRAND : PHILCO  
MODEL OR CHASSIS : C474OPK  
PROBLEM : SHUTS DOWN IMMEDIATELY.

SOLUTION : CHECK AND REPLACE Q502 AND C518B.

BRAND : PHILCO  
MODEL OR CHASSIS : C2920QWOO2  
PROBLEM : NO AUDIO.

SOLUTION : CHECK AND REPLACE SC100. ALSO CHECK R120.

BRAND : PHILCO  
MODEL OR CHASSIS : E34-05  
PROBLEM : SHUTS DOWN IMMEDIATELY.

SOLUTION: CHECK AND REPLACE Q502 AND C518B.

BRAND : PHILCO  
MODEL OR CHASSIS : E32-06  
PROBLEM : NO AUDIO.

SOLUTION: CHECK AND REPLACE SC100. ALSO CHECK R120.

BRAND : PHILCO  
MODEL OR CHASSIS : E34-17  
PROBLEM : NO STARTUP OR SHUTS DOWN IMMEDIATELY.

SOLUTION : CHECK AND REPLACE Q502 AND C518B.

BRAND : PHILCO  
MODEL OR CHASSIS : VT8720  
PROBLEM : NO RECORD SAFTY RECORD SWITCH OK ALL OTHER FUNCTIONS OK

SOLUTION : CHECK AND REPLACE MAIN MICRO MN158461VA1

BRAND : PHILCO  
MODEL OR CHASSIS : 19C9  
PROBLEM : SET HAS SOUND BUT PICTURE WOULD GO OUT

SOLUTION : RESOLDER T500 THE HORIZONTAL DRIVE TRANSFORMER

## PORTLAND

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BRAND : PORTLAND  
MODEL OR CHASSIS : RP209HN  
PROBLEM : NO VIDEO.

SOLUTION: CHECK AND REPLACE R905.

## QUASAR

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BRAND : QUASAR  
MODEL OR CHASSIS : TP1911EW  
PROBLEM : DEAD SET.

SOLUTION : CHECK AND REPLACE Q551, IC801, AND R805 AND R81.  
: REGULATOR STR30130. ALSO R805, AND R81.

BRAND : QUASAR  
MODEL OR CHASSIS : ALDC105  
PROBLEM : DEAD SET. BLOWS THE B+ FUSE.

SOLUTION: CHECK AND REPLACE THE FLYBACK TRANSFORMER.

BRAND : QUASAR  
MODEL OR CHASSIS : PTS-989  
PROBLEM : SEVERE HORIZONTAL TEARING OR LOSS OF HORIZONTAL HOLD

SOLUTION : CHECK AND CLEAN OR REPLACE RESISTOR R505

BRAND : QUASAR  
MODEL OR CHASSIS : WT5966UW  
PROBLEM : SET HAS POOR RECEPTION

SOLUTION : CHECK AND REPLACE CAPACITOR C802

BRAND : QUASAR  
MODEL OR CHASSIS : WT5966TW  
PROBLEM : SET HAS WASHED OUT WHITE SCREEN

SOLUTION : CHECK AND REPLACE CAPACITOR C529

BRAND : QUASAR  
MODEL OR CHASSIS : ALDC105  
PROBLEM : SET DEAD AND BLOWS B+ FUSE

SOLUTION: CHECK AND REPLACE FLYBACK TRANSFORMER

BRAND : QUASAR  
MODEL OR CHASSIS : TT5948WW  
PROBLEM : SET IS DEAD

SOLUTION : CHECK AND REPLACE FLYBACK TRANSFORMER AND RESISTOR R564

BRAND : QUASAR  
MODEL OR CHASSIS : WT5971WP  
PROBLEM : SEVERE HORIZONTAL TEARING OR LOSS OF THE HORIZONTAL HOLD

SOLUTION: CHECK AND CLEAN OR REPLACE RESISTOR R505

BRAND : QUASAR  
MODEL OR CHASSIS : TT5948WW  
PROBLEM : SET IS DEAD AND BLOWS THE B+ FUSE

SOLUTION: CHECK AND REPLACE THE FLYBACK TRANSFORMER

BRAND : QUASAR  
MODEL OR CHASSIS : TT5948WW

PROBLEM : SET IS DEAD

SOLUTION : CHECK AND REPLACE FUSE F002 AND FLYBACK TRANSFORMER.

  

BRAND : QUASAR  
MODEL OR CHASSIS : NDT5979  
PROBLEM : SCREEN IS WASHED OUT AND WHITE

SOLUTION : CHECK AND REPLACE CAPACITOR C529

  

BRAND : QUASAR  
MODEL OR CHASSIS : WT-5951YW  
PROBLEM : PICTURE BECOMES BRIGHT GREEN AFTER 30 SECONDS

SOLUTION : REJUVENATE PICTURE TUBE

  

BRAND : QUASAR  
MODEL OR CHASSIS : TT-5957XW  
PROBLEM : SET IS DEAD POSSIBLE STORM DAMAGE

SOLUTION : CHECK AND REPLACE FUSE F002 (2AMP DC FUSE)

  

BRAND : QUASAR  
MODEL OR CHASSIS : TT5957XW  
PROBLEM : SLIGHT RECEPTION ON CHAN. 2 NO RECEPTION ON ANY OTHER CHANNEL

SOLUTION : RESOLDER ALL SOLDER JOINTS IN TUNER

  

BRAND : QUASAR  
MODEL OR CHASSIS : TT5957TW  
PROBLEM : TUNER WORKS INTERMITTENTLY

SOLUTION: RESOLDER ALL SOLDER CONNECTIONS IN TUNER

  

BRAND : QUASAR  
MODEL OR CHASSIS : XP3221PW  
PROBLEM : NO AUDIO. JUST A POPPING SOUND.

SOLUTION : CHECK AND REPLACE TR53.

  

BRAND : QUASAR  
MODEL OR CHASSIS : TL9919RP  
PROBLEM : SET GOES TO IMMEDIATE SHUTDOWN.

SOLUTION : CHECK AND REPLACE Q802.

  

BRAND : QUASAR

MODEL OR CHASSIS : TT4259SW  
PROBLEM : GOES TO IMMEDIATE SHUTDOWN.

SOLUTION: CHECK AND REPLACE IC401.

BRAND : QUASAR  
MODEL OR CHASSIS : WT5935SW  
PROBLEM : CHANNELS 2-6 HAVE DARK HORIZONTAL BARS.

SOLUTION : CHECK AND REPLACE C802.

## RCA

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BRAND : RCA  
MODEL OR CHASSIS : CTC145  
PROBLEM : NO PICTURE SOUND IS OK ON SCREEN WORKS

SOLUTION : REPLACE OPEN R2715 AND CHECK Q2703 FOR SHORTS OR IF LEAKY

BRAND : RCA  
MODEL OR CHASSIS : CTC121A  
PROBLEM : HIGH VOLTAGE COMES UP BUT YOU GET NO RASTER

SOLUTION : CHECK FOR A BAD U2503 IN THE MSC MODULE

BRAND : RCA  
MODEL OR CHASSIS : CTC120  
PROBLEM : NO SOUND

SOLUTION: CHECK FOR A BAD U201 AND OR R205

BRAND : RCA  
MODEL OR CHASSIS : CTC120  
PROBLEM : THE SOUND AND PICTURE ARE INTERMITTENT

SOLUTION : CHECK FOR BAD SOLDER JOINTS ON L104 NEAR FLYBACK

BRAND : RCA  
MODEL OR CHASSIS : CTC120  
PROBLEM : SET PULSATES

SOLUTION : CHECK FOR A LEAKY CR105 MAY CHECK OK WITHOUT A LOAD

BRAND : RCA  
MODEL OR CHASSIS : CTC121  
PROBLEM : SET GIVES CHRISTMAS TREE EFFECT

SOLUTION : CHANGE C105

BRAND : RCA  
MODEL OR CHASSIS : CTC120A  
PROBLEM : HAS NO COLOR

SOLUTION: ADJUST OR REPLASE VARIABLE CAP C818

BRAND : RCA  
MODEL OR CHASSIS : CTC120A  
PROBLEM : DEAD

SOLUTION : CHECK SAFTEY CAP C423 AND R418 AND R120

BRAND : RCA  
MODEL OR CHASSIS : CTC120A  
PROBLEM : NO AUDIO

SOLUTION : REPLACE IC U201

BRAND : RCA  
MODEL OR CHASSIS : CTC120A  
PROBLEM : DISTORTED AUDIO

SOLUTION : ADJUST L201

BRAND : RCA  
MODEL OR CHASSIS : CTC120A  
PROBLEM : DEAD

SOLUTION : CHECK FOR A BAD IC U401

BRAND : RCA  
MODEL OR CHASSIS : CTC120C  
PROBLEM : SEVERE HOURGLASS PATTERN

SOLUTION : CHECK C105A PART OF MAIN FILTER

BRAND : RCA  
MODEL OR CHASSIS : CTC120C  
PROBLEM : BRIGHT SCREEN WITH RETRACE LINES

SOLUTION: CHECK C105B PART OF MAIN FILTER

BRAND : RCA



MODEL OR CHASSIS : CTC120C  
PROBLEM : 60 CYCLE HUM BARS

SOLUTION: REPLACE C105 MAIN FILTER CAP

BRAND : RCA  
MODEL OR CHASSIS : CTC120C  
PROBLEM : POPPING NOISE IN SOUND AFTER 10 MINUTES

SOLUTION : CHANGE U201

BRAND : RCA  
MODEL OR CHASSIS : FC443W  
PROBLEM : THE SCREEN IS BRIGHT WITH RETRACE LINES.

SOLUTION: CHECK AND REPLACE C71

BRAND : RCA  
MODEL OR CHASSIS : CTC92A  
PROBLEM : NO COLOR

SOLUTION : REPLACE MDC001A MODULE

BRAND : RCA  
MODEL OR CHASSIS : CTC88A  
PROBLEM : HAS BRIGHT SCREEN WITH RETRACE LINES.

SOLUTION: REPLACE OR REPAIR MDC001A MODULE.

BRAND : RCA  
MODEL OR CHASSIS : GC744L  
PROBLEM : DARK SHADING ON THE LEFT SIDE OF THE PICTURE.

SOLUTION : CHECK AND REPLACE C414

BRAND : RCA  
MODEL OR CHASSIS : FFR44OW  
PROBLEM : BRIGHT SCREEN WITH RETRACE LINES

SOLUTION : CHECK AND REPLACE Q703

BRAND : RCA  
MODEL OR CHASSIS : EFR-330S  
PROBLEM : NO GREEN

SOLUTION : CHECK AND REPLACE U701

BRAND : RCA  
MODEL OR CHASSIS : CTC108C  
PROBLEM : HAS BRIGHT PICTURE WITH RETRACE LINES.

SOLUTION : CHECK AND REPLACE Q703

BRAND : RCA  
MODEL OR CHASSIS : CTC108C  
PROBLEM : HAS NO VIDEO. PICTURE BRIGHT WITH RETRACE LINES.

SOLUTION : CHECK AND REPLACE C709

BRAND : RCA  
MODEL OR CHASSIS : CTC-107C  
PROBLEM : NO GREEN.

SOLUTION : CHECK AND REPLACE U701.

BRAND : RCA  
MODEL OR CHASSIS : CTC97H  
PROBLEM : DEAD.

SOLUTION: CHECK AND REPLACE R3. 7 WATT 3.9 OHMS.

BRAND : RCA  
MODEL OR CHASSIS : CTC97H  
PROBLEM : DEAD

SOLUTION : CHECK AND REPLACE MAIN FILTER CAPACITOR C114.

BRAND : RCA  
MODEL OR CHASSIS : CTC86C  
PROBLEM : DARK SHADING ON THE LEFT SIDE OF THE PICTURE.

SOLUTION : CHECK AND REPLACE C414

BRAND : RCA  
MODEL OR CHASSIS : CTC76AA  
PROBLEM : DEAD.

SOLUTION : CHECK AND REPLACE HORIZONTAL OUTPUT TRANSISTOR Q401 AND R109.

BRAND : RCA  
MODEL OR CHASSIS : SET IS DEAD.

SOLUTION : CHECK AND REPLACE RT101

BRAND : RCA  
MODEL OR CHASSIS : CTC71AA  
PROBLEM : DEAD SET.

SOLUTION: CHECK AND REPLACE RT101

BRAND : RCA  
MODEL OR CHASSIS : CTC72E  
PROBLEM : SET IS DEAD.

SOLUTION: CHECK AND REPLACE ITR101 AND ITR102.

BRAND : RCA  
MODEL OR CHASSIS : CTC90BL  
PROBLEM : SET IS DEAD.

SOLUTION: CHECK AND REPLACE RV210 AND F203.

BRAND : RCA  
MODEL OR CHASSIS : CTC72J  
PROBLEM : DEAD SET.

SOLUTION : CHECK AND REPLACE RT104.

BRAND : RCA  
MODEL OR CHASSIS : EB352G  
PROBLEM : SET IS DEAD.

SOLUTION: CHECK AND REPLACE RT104.

BRAND : RCA  
MODEL OR CHASSIS : CTC72AJ  
PROBLEM : SET IS DEAD.

SOLUTION : CHECK AND REPLACE R101.

BRAND : RCA  
MODEL OR CHASSIS : CTC92-A  
PROBLEM : SET HAS NO COLOR

SOLUTION : CHECK AND REPLACE C414.

BRAND : RCA  
MODEL OR CHASSIS : CTC97  
PROBLEM : NO SOUND OR IS INTERMITTENT.

SOLUTION : CHECK AND REPLACE C90.

BRAND : RCA  
MODEL OR CHASSIS : CTC97L  
PROBLEM : SET IS DEAD.  
  
SOLUTION : CHECK AND REPLACE C114.

BRAND : RCA  
MODEL OR CHASSIS : CTC97  
PROBLEM : DEAD SET.  
  
SOLUTION : CHECK AND REPLACE R3.

BRAND : RCA  
MODEL OR CHASSIS : CTC92K  
PROBLEM : SET IS DEAD.  
  
SOLUTION : CHECK AND REPLACE R401.

BRAND : RCA  
MODEL OR CHASSIS : JD95OW  
PROBLEM : DEAD SET.  
  
SOLUTION : CHECK AND REPLACE C114.

BRAND : RCA  
MODEL OR CHASSIS : JD955W  
PROBLEM : DEAD SET.  
  
SOLUTION : CHECK AND REPLACE R3.

BRAND : RCA  
MODEL OR CHASSIS : CTC108C  
PROBLEM : BRIGHT WITH RETRACE LINES.  
  
SOLUTION : CHECK AND REPLACE Q703.

BRAND : RCA  
MODEL OR CHASSIS : FFR44OW  
PROBLEM : BRIGHT WITH RETRACE LINES.  
  
SOLUTION: CHECK AND REPLACE Q703.

BRAND : RCA  
MODEL OR CHASSIS : CTC72AJ

PROBLEM : DEAD SET.

SOLUTION : CHECK AND REPLACE ITR101 AND ITR102.

BRAND : RCA  
MODEL OR CHASSIS : CTC-81  
PROBLEM : BRIGHTNESS LOW.

SOLUTION: CHECK AND REPLACE C10 ON THE MCL002 BOARD.

BRAND : RCA  
MODEL OR CHASSIS : GMR811PR  
PROBLEM : SET IS DEAD. F101 IS OPEN.

SOLUTION : CHECK AND REPLACE HORIZONTAL OUTPUT TRANSISTOR Q402.

BRAND : RCA  
MODEL OR CHASSIS : JPR966WR-1  
PROBLEM : SET IS DEAD.

SOLUTION : CHECK AND REPLACE Q402 AND R101.

BRAND : RCA  
MODEL OR CHASSIS : FPR515W  
PROBLEM : SET IS DEAD.

SOLUTION : CHECK AND REPLACE C415 AND R101.

BRAND : RCA  
MODEL OR CHASSIS : FRR515WR  
PROBLEM : SET IS DEAD.

SOLUTION : CHECK AND REPLACE SAFETY CAPACITOR C417 AND R101.

BRAND : RCA  
MODEL OR CHASSIS : FXR469WR  
PROBLEM : SET IS DEAD.

SOLUTION : CHECK AND REPLACE R101.

BRAND : RCA  
MODEL OR CHASSIS : CTC136AA  
PROBLEM : SET IS DEAD.

SOLUTION : CHECK AND REPLACE R101.

BRAND : RCA  
MODEL OR CHASSIS : FPR518WR  
PROBLEM : SET IS DEAD.

SOLUTION : CHECK AND REPLACE C415.

BRAND : RCA  
MODEL OR CHASSIS : CTC136D  
PROBLEM : DEAD SET.

SOLUTION : CHECK AND REPLACE SAFETY CAPACITOR C417, ALSO RESISTOR R101.

BRAND : RCA  
MODEL OR CHASSIS : CTC136G  
PROBLEM : DEAD SET.

SOLUTION : CHECK AND REPLACE C415.

BRAND : RCA  
MODEL OR CHASSIS : FFR466W  
PROBLEM : SET IS DEAD. F101 IS OPEN.

SOLUTION : CHECK AND REPLACE SAFETY CAPACITOR C423.

BRAND : RCA  
MODEL OR CHASSIS : CTC120C  
PROBLEM : SET IS DEAD. F101 IS OPEN.

SOLUTION : CHECK AND REPLACE SAFETY CAPACITOR C423.

BRAND : RCA  
MODEL OR CHASSIS : FER450W3  
PROBLEM : SET IS DEAD AC FUSE CHECKS OPEN

SOLUTION : CHECK AND REPLACE TRANSISTOR Q412 CHECK AND REPLACE T402

BRAND : RCA  
MODEL OR CHASSIS : EER313W  
PROBLEM : SET WILL NOT FOCUS  
: FOCUS VOLTAGE IS 6KV AND WILL NOT BE VARIED

SOLUTION : CHECK AND REPLACE RESISTOR R111

BRAND : RCA  
MODEL OR CHASSIS : EER313W  
PROBLEM : SET HAS POOR FOCUS  
: FOCUS VOLTAGE IS 3KV WITH NORMAL HIGH VOLTAGE

SOLUTION: CHECK AND REPLACE FLYBACK TRANSFORMER

BRAND : RCA  
MODEL OR CHASSIS : FER498WR  
PROBLEM : SEVERE HORIZONTAL LINES ACROSS ENTIRE SCREEN WEAK VIDEO  
: WHICH DISAPPEARS AFTER 5-10 MINUTES NO COLOR

SOLUTION : CHECK AND REPLACE COIL L803 ON MAIN BOARD

BRAND : RCA  
MODEL OR CHASSIS : CTC109A  
PROBLEM : SET IS DEAD, HOT CHECKS SHORTED, OPEN 5 AMP FUSE

SOLUTION: CHECK AND REPLACE FLYBACK TRANSFORMER

BRAND : RCA  
MODEL OR CHASSIS : FER525JR  
PROBLEM : EXTREMELY DARK PICTURE

SOLUTION : CHECK AND REPLACE CAPACITOR C1 ON CW5000 NECK BOARD

BRAND : RCA  
MODEL OR CHASSIS : GER-690S  
PROBLEM : PICTURE IS VERY BRIGHT WITH RETRACE LINES

SOLUTION: CHECK AND REPLACE RESISTOR R125

BRAND : RCA  
MODEL OR CHASSIS : AFR193W  
PROBLEM : SET IS DEAD

SOLUTION : CHECK AND REPLACE YOKE AND RESISTOR R114

BRAND : RCA  
MODEL OR CHASSIS : EFC398WR  
PROBLEM : CAN NOT TURN SET OFF, CAN NOT TURN VOLUME UP OR DOWN

SOLUTION : REPLACE KEYPAD PANEL

BRAND : RCA  
MODEL OR CHASSIS : FFR440W  
PROBLEM : VIDEO APPEARS SMEARED INCLUDING COLOR

SOLUTION : CHECK AND REPLACE COIL L5001 ON CRT NECK BOARD

BRAND : RCA  
MODEL OR CHASSIS : CTC108A  
PROBLEM : SET IS DEAD, AC FUSE CHECKS OPEN  
  
SOLUTION : CHECK AND REPLACE TRANSISTOR Q412 AND T402

BRAND : RCA  
MODEL OR CHASSIS : CTC96A  
PROBLEM : LOSS OF FOCUS, FOCUS VOLTAGE IS 6KV AND CANNOT BE VARIED  
  
SOLUTION : CHECK AND REPLACE RESISTOR R111

BRAND : RCA  
MODEL OR CHASSIS : CTC96A  
PROBLEM : FOCUS IS POOR, FOCUS VOLTAGE ONLY 3KV HIGH VOLTAGE IS NORMAL  
  
SOLUTION : CHECK AND REPLACE FLYBACK TRANSFORMER

BRAND : RCA  
MODEL OR CHASSIS : CTC101B  
PROBLEM : SEVERE HORIZONTAL LINES ACROSS ENTIRE SCREEN, WEAL VIDEO  
: NO COLOR  
  
SOLUTION : CHECK AND REPLACE COIL L803 ON MAIN BOARD

BRAND: RCA  
MODEL OR CHASSIS: CTC109  
PROBLEM: EXTREMELY DARK PICTURE

SOLUTION: CHECK AND REPLACE CAPACITOR C1 ON NECK BOARD

BRAND: RCA  
MODEL OR CHASSIS: CTC 109A  
PROBLEM: VERY BRIGHT PICTURE WITH RETRACE LINES

SOLUTION: CHECK AND REPLACE RESISTOR R125

BRAND: RCA  
MODEL OR CHASSIS: KCS205  
PROBLEM: SET IS DEAD



SOLUTION: CHECK AND REPLACE YOKE AND RESISTOR R114

BRAND: RCA  
MODEL OR CHASSIS: CTC108C  
PROBLEM: VIDEO AND COLOR APPEAR SMEARED

SOLUTION: CHECK AND REPLACE COIL L 5001 ON CRT NECK BOARD

BRAND: RCA  
MODEL OR CHASSIS: GB708S  
PROBLEM: THERE IS NO COLOR. R21 GETS HOT.

SOLUTION: CHECK AND REPLACE U1.

BRAND: RCA  
MODEL OR CHASSIS: GB708S  
PROBLEM: NO VIDEO

SOLUTION: CHECK AND REPLACE Q4 ON THE LUMINANCE BOARD.

BRAND: RCA  
MODEL OR CHASSIS: EC338W  
PROBLEM: NO VIDEO

SOLUTION: CHECK AND REPLACE L7.

BRAND: RCA  
MODEL OR CHASSIS: CTC90D  
PROBLEM: SET HAS NO COLOR. R21 GETS HOT.

SOLUTION: CHECK AND REPLACE U1.

BRAND: RCA  
MODEL OR CHASSIS: CTC90D  
PROBLEM: NO VIDEO.

SOLUTION: CHECK AND REPLACE Q4 ON THE LUMINANCE BOARD.

BRAND: RCA  
MODEL OR CHASSIS: CTC97H  
PROBLEM: SET HAS NO BLUE. VERY LOW GREEN.

SOLUTION: CHECK AND REPLACE L6 LOCATED BY THE CHROMA PROCESSOR.

BRAND: RCA  
MODEL OR CHASSIS: CTC72AJ  
PROBLEM: NO VERTICAL SWEEP.

SOLUTION: CHECK AND REPLACE C105.

BRAND: RCA  
MODEL OR CHASSIS: EGR335W  
PROBLEM: PICTURE IS BRIGHT WITH RETRACE LINES.

SOLUTION: CHECK AND REPLACE C117.

BRAND: RCA  
MODEL OR CHASSIS: CTC110B  
PROBLEM: DEAD SET.

SOLUTION: CHECK AND REPLACE FUSIBLE RESISTOR RF101.

BRAND: RCA  
MODEL OR CHASSIS: CTC110B  
PROBLEM: SEVERE HOURGLASS PATTERN.

SOLUTION: CHECK AND REPLACE C105.

BRAND: RCA  
MODEL OR CHASSIS: CTC107C  
PROBLEM: PICTURE IS BRIGHT WITH RETRACE LINES.

SOLUTION: CHECK AND REPLACE C117.

BRAND: RCA  
MODEL OR CHASSIS: CTC110A  
PROBLEM: DEAD SET. F101 IS OPEN.

SOLUTION: CHECK AND REPLACE CR102.

BRAND: RCA  
MODEL OR CHASSIS: CTC90D  
PROBLEM: SET SHUTS DOWN.

SOLUTION: CHECK AND REPLACE R437.

BRAND: RCA  
MODEL OR CHASSIS: EA355T  
PROBLEM: NO VERTICAL SWEEP.

SOLUTION: CHECK AND REPLACE C105.

BRAND: RCA  
MODEL OR CHASSIS: CTC72F  
PROBLEM: NO VERTICAL SWEEP.

SOLUTION: CHECK AND REPLACE C105.

BRAND: RCA  
MODEL OR CHASSIS: CTC74AM

PROBLEM: THE RELAY CHATTERS THEN SET GOES DEAD.

SOLUTION: CHECK AND REPLACE ITR401 AND ITR402.

BRAND: RCA  
MODEL OR CHASSIS: CTC85  
PROBLEM: NO COLOR.

SOLUTION: CHECK AND REPLACE THE CHROMA IC U1.

BRAND: RCA  
MODEL OR CHASSIS: GFC689SR  
PROBLEM: DEAD SET. F101 OPEN.

SOLUTION: CHECK AND REPLACE CR102.

BRAND: RCA  
MODEL OR CHASSIS: FGR465W  
PROBLEM: DEAD SET.

SOLUTION: CHECK AND REPLACE FUSIBLE RESISTOR RF101.

BRAND: RCA  
MODEL OR CHASSIS: CTC118A  
PROBLEM: VERY BRIGHT PICTURE WITH RETRACE LINES.

SOLUTION: CHECK AND REPLACE C105B.

BRAND: RCA  
MODEL OR CHASSIS: CTC96A  
PROBLEM: NO VERTICAL SWEEP.

SOLUTION: CHECK AND REPLACE R117.

BRAND: SAMSUNG  
MODEL OR CHASSIS: 20K20  
PROBLEM: LINES IN PICTURE ONLY ON CERTAIN CHANNELS WOULD GO OUT IF YOU  
: TURNED DOWN THE BRIGHTNESS

SOLUTION: OPEN R806 OFF OF THE REGULATOR

BRAND: SAMSUNG  
MODEL OR CHASSIS: CT500  
PROBLEM: DISTORTED SOUND

SOLUTION: R611 IS OPEN SHOULD READ 100K OUT OF CIRCUIT

BRAND: SAMSUNG  
MODEL OR CHASSIS: CT332TM  
PROBLEM: CRT OVERCONDUCTS SHUTS DOWN OR HAS HUM BAR IN THE PICTURE

SOLUTION: R905 OFF OF G2 MASTER CONTROL TO GROUND IS OPEN  
: REPLACE WITH A 1.8 MEG

BRAND: SAMSUNG  
MODEL OR CHASSIS: CT501  
PROBLEM: UNIT HAS NO COLOR CHECK IC501 PIN 14 SEE IF IT IS LOW

SOLUTION: CHANGE C503

BRAND: SAMSUNG  
MODEL OR CHASSIS: CT501  
PROBLEM: THE PICTURE IS PULLED IN ON THE SIDES

SOLUTION: REPLACE SHORTED D802

BRAND: SAMSUNG  
MODEL OR CHASSIS: CT501AL  
PROBLEM: PICTURE IS TOO BRIGHT HAS RETRACE LINES

SOLUTION: CHECK FOR AN OPEN 560K OHM RESISTOR R908

BRAND: SAMSUNG  
MODEL OR CHASSIS: CT501  
PROBLEM: INSUFFICIENT HEIGHT HAS RETRACE LINES AT TOP OF SCREEN

SOLUTION: REPLACE CAP C315 IT IS OPEN

BRAND: SAMSUNG  
MODEL OR CHASSIS: CT508  
PROBLEM: TINT CONTROL DOES NOT WEORK

SOLUTION: REPLACE LEAKY CAP C518 .01MFD

BRAND: SAMSUNG  
MODEL OR CHASSIS: CT-330TM  
PROBLEM: NO START UP OR INTERMITTENT START UP.

SOLUTION: CHECK AND REPLACE Q403.

BRAND: SAMSUNG  
MODEL OR CHASSIS: C911OMA  
PROBLEM: SET IS DEAD.

SOLUTION: CHECK AND REPLACE STARTER TRANSISTOR Q403.

BRAND: SAMSUNG  
MODEL OR CHASSIS: CT-330TM  
PROBLEM: ARCING INSIDE SET.

SOLUTION: CHECK AND REPLACE FLYBACK.

BRAND: SAMSUNG  
MODEL OR CHASSIS: TC9855T

PROBLEM: SET IS DEAD.

SOLUTION: CHECK AND REPLACE R417.

BRAND: SAMSUNG

MODEL OR CHASSIS: CT-501AL

PROBLEM: INTERMITTENT VERTICAL SWEEP.

SOLUTION: CHECK AND REPLACE Q302.

BRAND: SAMSUNG

MODEL OR CHASSIS: CT500WDC

PROBLEM: DEAD SET. LED CHANNEL DISPLAY IS LIT.

SOLUTION: CHECK AND REPLACE Q403.

BRAND: SAMSUNG

MODEL OR CHASSIS: CT500ZDA

PROBLEM: SET IS DEAD. RELAY CLICKS.

SOLUTION: CHECK AND REPLACE Q403.

BRAND: SAMSUNG

MODEL OR CHASSIS: TC-3140M

PROBLEM: DEAD SET.

SOLUTION: CHECK AND REPLACE IC501, Q201, AND R401.

BRAND: SAMSUNG

MODEL OR CHASSIS: TC-3123MH

PROBLEM: NO AUDIO.

SOLUTION: CHECK AND REPLACE Q601, Q602, AND R600.

BRAND: SAMSUNG  
MODEL OR CHASSIS: TC9155M  
PROBLEM: DEAD SET.

SOLUTION: CHECK AND REPLACE HORIZONTAL OUTPUT TRANSISTOR Q402  
: AND R417. ALSO CHECK FOR BAD SOLDER JOINT AT L402.

BRAND: SAMSUNG  
MODEL OR CHASSIS: TC983OT  
PROBLEM: NO AUDIO.

SOLUTION: CHECK AND REPLACE IC901.

BRAND: SAnyo  
MODEL OR CHASSIS: AVM222  
PROBLEM: NO OR DISTORTED AUDIO

SOLUTION: REPLACE IC661 LA4261 AND R650 AND R655. 15 OHM 2 W

BRAND: SANYO  
MODEL OR CHASSIS: AVM222  
PROBLEM: NO VIDEO WHITE OR BLUE LINES ON THE SCREEN

SOLUTION: REPLACE Q301

BRAND: SANYO  
MODEL OR CHASSIS: AVM222  
PROBLEM: READS SECURITY ACCROSS SCREEN

SOLUTION: RESET P-CODE PRINTED ON IF SHEILD. USUALLY NUMBERS 31-40-11  
: CODE IN SERVICE MANUAL OR FICHE

BRAND: SANYO  
MODEL OR CHASSIS: AVM222  
PROBLEM: NO A/V MODE OR NO VIDEO

SOLUTION: REPLACE IC251



BRAND: SANYO  
MODEL OR CHASSIS: AVM222  
PROBLEM: WHITE LINES ON SCREEN TV SMOKES

SOLUTION: REPLACE R488. 68 OHM 1/2 W  
: CHECK R715 AND R702, ON KINE SOCKET BOARD TO SEE IF LEGS ARE TOUC  
: EACH OTHER.

BRAND: SANYO  
MODEL OR CHASSIS: AVM222  
PROBLEM: SET COMES ON WITH SECURITY AND 4 SMALL SQUARES ON SCREEN  
: ONLY OTHER FUNCTION IS ON/OFF.

SOLUTION: ENTER FOUR ZERO'S WITH REMOTE. IF THAT DOES NOT WORK, FOLLOW  
: CPU PROGRAM CODE CHECK PAGE 5 SERVICE MANUAL.

BRAND: SANYO  
MODEL OR CHASSIS: AVM222  
PROBLEM: BLACK LINES TOP 6 INCHES OF PICTURE.

SOLUTION: REPLACE C483 WITH 470 MFD AT 35V. FACTORY MAY HAVE INSTALLED  
: A 1000 MFD AT 16V BY MISTAKE.

BRAND: SANYO  
MODEL OR CHASSIS: 91C624B  
PROBLEM: SET GOES INTO SHUT DOWN

SOLUTION: REPLACE LEAKY D493

BRAND: SANYO  
MODEL OR CHASSIS: 91C624B  
PROBLEM: RETRACE LINES. NO COLLECTOR VOLTAGE FOR RGB DRIVE TRANSISTORS

SOLUTION: REPLACE R488

BRAND: SANYO  
MODEL OR CHASSIS: 91C624

PROBLEM: NO CABLE CHANNELS ABOVE 22

SOLUTION: REPLACE IC531

BRAND: SANYO

MODEL OR CHASSIS: AVM222

PROBLEM: GREEN OR REDDISH GREEN PICTURE.

SOLUTION: REPLACE R712 SHOULD BE 120 OHM

BRAND: SANYO

MODEL OR CHASSIS: AVM222

PROBLEM: INTERMITTENT WINE COMING FROM POWER SUPPLY

SOLUTION: BAD TRACE BETWEEN R612 AND D608

BRAND: SANYO

MODEL OR CHASSIS: AVM222

PROBLEM: WON'T SHUT OFF

SOLUTION: REPLACE SHORTED Q605 IN POWER SUPPLY

BRAND: SANYO

MODEL OR CHASSIS: AVM222

PROBLEM: NO GREEN IN PICTURE

SOLUTION: REPLACE R714 180K 1/2 W

BRAND: SANYO

MODEL OR CHASSIS: AVM268

PROBLEM: PICTURE FADES IN AND OUT

SOLUTION: RESOLDER BAD JOINTS IN TUNER

BRAND: SANYO  
MODEL OR CHASSIS: AVM222RE  
PROBLEM: WILL NOT LOCK ON ANY STATION

SOLUTION: REPLACE IC531

BRAND: SANYO  
MODEL OR CHASSIS: AVM222RE  
PROBLEM: UNIT DEAD. POWER RELAY RL601 ENGAGES

SOLUTION: IC601 (PHOTO COUPLER SHORTED T602 PINS 11 AND 12 OPEN.  
: Q604 SHORTED)

BRAND: SANYO  
MODEL OR CHASSIS: AVM222  
PROBLEM: DEAD SET TO INTERMITTENT TURN ONS BY ITS SELF.

SOLUTION: REPLACE SW005 AND SW006  
: SWITCHES DEVELOPE INTERNAL RESISTANCE TO GROUND.

BRAND: SANYO  
MODEL OR CHASSIS: AVM225  
PROBLEM: VOLUME CHANNEL AND POWER FUNCTIONS INTERMITTENT

SOLUTION: REPLACE IC532 MICRO

BRAND: SANYO  
MODEL OR CHASSIS: AVM279RE  
PROBLEM: EXCESSIVE HIGH VOLTAGE DUE TO EXCESSIVE B+

SOLUTION: REPLACE SHORTED Q004. ALSO CHECK Q001 AND Q402

BRAND: SANYO  
MODEL OR CHASSIS: AVM279RE  
PROBLEM: CLICKING. WILL NOT TURN ON.

SOLUTION: REPLACE LEAKY DIODES D063 AND D064

BRAND: SANYO

MODEL OR CHASSIS: AVM279

PROBLEM: POWER TURNS ON AND THEN OFF AGAIN WHEN POWER BUTTON  
: IS PUSHED

: REPLACE IC501 AND D571 6V ZENER

BRAND: SANYO

MODEL OR CHASSIS: AVM274

PROBLEM: TV TOO BRIGHT

SOLUTION: REPLACE C315 ACROSS BRIGHT LEVEL POT

BRAND: SANYO

MODEL OR CHASSIS: AVM205

PROBLEM: DISPLAY FINE. NO RASTER

SOLUTION: REPLACE C102

BRAND: SANYO

MODEL OR CHASSIS: DCX1770

PROBLEM: DEAD

SOLUTION: DEFECTIVE CRYSTAL X401 7.2MGHZ

BRAND: SANYO

MODEL OR CHASSIS: AVM200

PROBLEM: BLANK RASTER NO AUDIO NO VIDEO. HIGH VOLTAGE PRESENT.

SOLUTION: FOUND DEFECTIVE 9V REGULATOR

BRAND: SANYO  
MODEL OR CHASSIS: 31C39  
PROBLEM: SET IS DEAD.

SOLUTION: CHECK FLYBACK. ALSO CHECK Q405 HORIZONTAL OUTPUT TRANSISTOR.

BRAND: SANYO  
MODEL OR CHASSIS: 91C91  
PROBLEM: SMEARED VIDEO ON THE LEFT ONE FOURTH OF THE SCREEN. THE  
: REST OF THE SCREEN IS DARK.

SOLUTION: CHECK AND REPLACE C251.

BRAND: SANYO  
MODEL OR CHASSIS: CXM-2608-00  
PROBLEM: NO AUDIO

SOLUTION: CHECK AND REPLACE IC2401. LA4270.

BRAND: SANYO  
MODEL OR CHASSIS: CTP6461  
PROBLEM: DARK PICTURE

SOLUTION: CHECK AND REPLACE R336.

BRAND: SANYP  
MODEL OR CHASSIS: AVM222  
PROBLEM: WON'T SHUT OFF. POWER BUTTON SCANS CHANNELS.

SOLUTION: RELAY RL601 IN POWER SUPPLY CONTACTS ARE STUCK

BRAND: SHARP  
MODEL OR CHASSIS: 13NV10  
PROBLEM: SET IS DEAD. FUSE IS OK. RELAY CLICKS.

SOLUTION: CHECK AND REPLACE HORIZONTAL OUTPUT TRANSISTOR Q602.  
: ALSO CHECK RESISTOR R702. 2.7 OHMS @ 7WATT.

BRAND: SHARP  
MODEL OR CHASSIS: 25MT17  
PROBLEM: IMMEDIATE SHUTDOWN.

SOLUTION: CHECK AND REPLACE FLYBACK TRANSFORMER.

BRAND: SHARP  
MODEL OR CHASSIS: 25RC169  
PROBLEM: SET IS DEAD.

SOLUTION: CHECK AND REPLACE R703.

BRAND: SHARP  
MODEL OR CHASSIS: 25RC219  
PROBLEM: SET IS DEAD. F701 IS OPEN.

SOLUTION: CHECK AND REPLACE HORIZONTAL OUTPUT TRANSISTOR Q632.

BRAND: SHARP  
MODEL OR CHASSIS: 25LC156  
PROBLEM: LED FOR CHANNEL DISPLAY DOES NOT LIGHT UP.

SOLUTION: CHECK AND REPLACE C1102.

BRAND: SHARP  
MODEL OR CHASSIS: 20LP76  
PROBLEM: SET IS DEAD. F701 (4 AMP FUSE) IS OPEN.

SOLUTION: CHECK AND REPLACE D703.

BRAND: SHARP  
MODEL OR CHASSIS: 25KT55  
PROBLEM: NO VERTICAL SWEEP.

SOLUTION: CHECK AND REPLACE C507.

BRAND: SHARP  
MODEL OR CHASSIS: 25KT15  
PROBLEM: DEAD SET.

SOLUTION: CHECK AND REPLACE THE FLYBACK TRANSFORMER.

BRAND: SHARP  
MODEL OR CHASSIS: 25KV775  
PROBLEM: SET IS DEAD. CHANNEL DISPLAY LIGHTS UP AND THE RELAY CLICKS.

SOLUTION: CHECK AND REPLACE IC801.

BRAND: SHARP  
MODEL OR CHASSIS: 19LP56  
PROBLEM: DEAD SET.

SOLUTION: CHECK FOR BAD SOLDER JOINTS AT THE HORIZONTAL  
: DRIVER TRANSFORMER.

BRAND: SHARP  
MODEL OR CHASSIS: 19KP15  
PROBLEM: VERY BRIGHT WITH RETRACE LINES.

SOLUTION: CHECK AND REPLACE R620 AND C621.

BRAND: SHARP  
MODEL OR CHASSIS: 25KT65  
PROBLEM: NO VERTICAL SWEEP.

SOLUTION: CHECK AND REPLACE C507.

BRAND: SHARP  
MODEL OR CHASSIS: 19KP55  
PROBLEM: DEAD HORIZONTAL OUTPUT SHORTED REPLACING OUTPUT RESULTS  
: IN CLICKING NOISE

SOLUTION: CHANGE OUTPUT FLYBACK TRANSFORMER AND CHECK R902

BRAND: SHARP  
MODEL OR CHASSIS: 19H84  
PROBLEM: PICTURE IS WASHED OUT

SOLUTION: CHECK AND REPLACE Q401

BRAND: SHARP  
MODEL OR CHASSIS: 19H74  
PROBLEM: SET IS DEAD.

SOLUTION: CHECK AND REPLACE IC801.

BRAND: SHARP  
MODEL OR CHASSIS: 19H74  
PROBLEM: DEAD SET.

SOLUTION: CHECK AND REPLACE FLYBACK TRANSFORMER.

BRAND: SHARP  
MODEL OR CHASSIS: 19A69  
PROBLEM: NO VERTICAL SWEEP

SOLUTION: CHECK AND REPLACE VERTICAL OUTPUT TRANSISTORS.

BRAND: SHARP  
MODEL OR CHASSIS: 19A69  
PROBLEM: START UP IS INTERMITTENT.



SOLUTION: CHECK AND REPLACE C707.

BRAND: SHARP  
MODEL OR CHASSIS: 19C81B  
PROBLEM: SET HAS NO AUDIO.

SOLUTION: CHECK AND REPLACE R302.

BRAND: SHARP  
MODEL OR CHASSIS: 19C81  
PROBLEM: NO COLOR.

SOLUTION: CHECK AND REPLACE IC801.

BRAND: SHARP  
MODEL OR CHASSIS: SKC1920A  
PROBLEM: NO VERTICAL SWEEP.

SOLUTION: CHECK AND REPLACE C510.

BRAND: SHARP  
MODEL OR CHASSIS: C-1551  
PROBLEM: NO VERTICAL SWEEP.

SOLUTION: CHECK AND REPLACE Q505 AND R520.

BRAND: SHARP  
MODEL OR CHASSIS: C-1949  
PROBLEM: NO VERTICAL SWEEP.

SOLUTION: CHECK AND REPLACE Q502.

BRAND: SHARP  
MODEL OR CHASSIS: C-1950  
PROBLEM: DEAD SET.

SOLUTION: CHECK AND REPLACE R701.

BRAND: SHARP  
MODEL OR CHASSIS: 3K-73B  
PROBLEM: DEAD SET.

SOLUTION: CHECK AND REPLACE FLYBACK TRANSFORMER.

BRAND: SHARP  
MODEL OR CHASSIS: C-261SPN  
PROBLEM: NO STARTUP.

SOLUTION: CHECK AND REPLACE D604 AND L607.

BRAND: SHARP  
MODEL OR CHASSIS: 19RV79  
PROBLEM: VERY POOR AUDIO, OR NO AUDIO AT ALL.

SOLUTION: CHECK AND REPLACE IC201.

BRAND: SHARP  
MODEL OR CHASSIS: C-261SPN  
PROBLEM: DEAD SET.

SOLUTION: CHECK AND REPLACE IC1002.

BRAND: SHARP  
MODEL OR CHASSIS: 19G77  
PROBLEM: DEAD SET.

SOLUTION: CHECK AND REPLACE HORIZONTAL OUTPUT TRANSISTOR Q602. ALSO  
: CHECK R619.

BRAND: SHARP

MODEL OR CHASSIS: 19G77

PROBLEM: NO RASTER. TURNING UP SCREEN CONTROL SHOWS BRIGHT PICTURE  
: WITH RETRACE LINES.

SOLUTION: CHECK AND REPLACE R422.

BRAND: SHARP

MODEL OR CHASSIS: 25G200

PROBLEM: VERTICAL JUMP.

SOLUTION: CHECK AND REPLACE C513 AND I801.

BRAND: SHARP

MODEL OR CHASSIS: FF19663

PROBLEM: DARK HORIZONTAL LINE 2 INCHES FROM THE TOP OF THE SCREEN.

SOLUTION: CHECK AND REPLACE C518.

BRAND: SONY

MODEL OR CHASSIS: KV-1367

PROBLEM: NO AUDIO

SOLUTION: CHECK AND REPLACE R255, R254, Q251, AND Q252. ALSO CHECK Q250.

BRAND: SONY

MODEL OR CHASSIS: KV-1546R

PROBLEM: PICTURE IS SHRUNK ON BOTH SIDES, ON THE TOP AND  
: THE BOTTOM.

SOLUTION: CHECK AND REPLACE Q601 AND R606B.

BRAND: SONY

MODEL OR CHASSIS: KV-1207  
PROBLEM: UHF CHANNELS WORK, BUT NO VHF RECEPTION.

SOLUTION: CHECK AND REPLACE Q1101.

BRAND: SONY  
MODEL OR CHASSIS: KV-1923  
PROBLEM: VERTICAL FOLDOVER AT THE BOTTOM OF THE SCREEN.

SOLUTION: CHECK AND REPLACE C529

BRAND: SONY  
MODEL OR CHASSIS: KV-1943  
PROBLEM: PICTURE IS VERY DIM WITH RETRACE LINES.

SOLUTION: CHECK AND REPLACE C523.

BRAND: SONY  
MODEL OR CHASSIS: KV-1922  
PROBLEM: SET IS DEAD. F602 IS OPEN.

SOLUTION: CHECK AND REPLACE C901.

BRAND: SONY  
MODEL OR CHASSIS: KV-1712D  
PROBLEM: LEFT ONE FOURTH OF THE SCREEN IS BLACK.

SOLUTION: CHECK AND REPLACE C816.

BRAND: SONY  
MODEL OR CHASSIS: 1627-2  
PROBLEM: SET IS DEAD.

SOLUTION: CHECK AND REPLACE Q902 AND R556.

BRAND: SONY  
MODEL OR CHASSIS: KV-1711  
PROBLEM: PICTURE UNSTABLE. JUMPS.

SOLUTION: CHECK AND REPLACE C505

BRAND: SONY  
MODEL OR CHASSIS: KV-1711  
PROBLEM: UPPER LEFT SCREEN IS BLACK.

SOLUTION: CHECK AND REPLACE C541.

BRAND: SONY  
MODEL OR CHASSIS: KV-1910  
PROBLEM: 130 VOLT SOURCE IS NOT REGULATING.

SOLUTION: CHECK AND REPLACE Q601 AND R604.

BRAND: SONY  
MODEL OR CHASSIS: KV-2726R  
PROBLEM: INTERMITTENT TUNER ACTION

SOLUTION: RESOLDER ALL SOLDER JOINTS IN IF MODULE

BRAND: SONY  
MODEL OR CHASSIS: SCC-754-A  
PROBLEM: INTERMITTENT TUNER ACTION

SOLUTION: RESOLDER ALL SOLDER JOINTS IN IF MODULE

BRAND: SONY  
MODEL OR CHASSIS: KV-27SXR10  
PROBLEM: INTERMITTENT LOSS OF VIDEO

SOLUTION: RESOLDER BAD SOLDER JOINTS ON DL301

BRAND: SONY  
MODEL OR CHASSIS: SCC-5951-A  
PROBLEM: INTERMITTENT LOSS OF VIDEO

SOLUTION: RESOLDER ALL JOINTS ON DL301

BRAND: SONY  
MODEL OR CHASSIS: KV-27DS20  
PROBLEM: INTERMITTENT TUNER ACTION

SOLUTION: RESOLDER ALL JOINTS IN IF MODULE

BRAND: SONY  
MODEL OR CHASSIS: KV-13TR20  
PROBLEM: INTERMITTENT TUNER ACTION  
: MIGHT LOSE VIDEO AND/OR AUDIO

SOLUTION: RESOLDER ALL JOINTS IN IF MODULE

BRAND: SONY  
MODEL OR CHASSIS: KV-27EXR10  
PROBLEM: SET IS DEAD F601 CHECKS OPEN

SOLUTION: CHECK AND REPLACE D601

BRAND: SONY  
MODEL OR CHASSIS: KV-1392R  
PROBLEM: NO AUDIO

SOLUTION: CHECK AND REPLACE Q251, Q252, AND R255.

BRAND: SONY  
MODEL OR CHASSIS: KV1205  
PROBLEM: VERTICAL ROLLING WITH WHITE LINES

SOLUTION: CHECK AND REPLACE C525 IT IS A 330 MFD 25 VOLT

BRAND: SONY  
MODEL OR CHASSIS: KV1205  
PROBLEM: THE COLORS ARE WRONG

SOLUTION: CHECK AND REPLACE C319 A .01 MFD

BRAND: SONY  
MODEL OR CHASSIS: KV1370R  
PROBLEM: RASTER GOES BLANK INTERMITTENTLY

SOLUTION: RESOLDER THE VIE BOARD

BRAND: SONY  
MODEL OR CHASSIS: KV1500  
PROBLEM: HAS RETRACE AT TOP OF SCREEN

SOLUTION: CHECK AND REPLACE C548 A 2.2 MFD 50 VOLT

BRAND: SONY  
MODEL OR CHASSIS: KV1512  
PROBLEM: SOUND NO PICTURE

SOLUTION: CHECK R593

BRAND: SONY  
MODEL OR CHASSIS: KV1711  
PROBLEM: COLOR PULSATES

SOLUTION: CHECK AND REPLACE Q401

BRAND: SONY  
MODEL OR CHASSIS: KV1711  
PROBLEM: BLOWS THE FUSE

SOLUTION: CHECK FOR SHORTED CAP C608

BRAND: SONY  
MODEL OR CHASSIS: KV1722  
PROBLEM: NO VERTICAL HEIGHT

SOLUTION: CHECK AND REPLACE C517

BRAND: SONY  
MODEL OR CHASSIS: KV1722  
PROBLEM: SET HAS FOLDOVER ON THE BOTTOM OF THE SCREEN

SOLUTION: CHECK AND REPLACE C522

BRAND: SONY  
MODEL OR CHASSIS: KV1913  
PROBLEM: SET TURNS ON THEN SHUTS DOWN

SOLUTION: CHECK AND REPLACE Q601

BRAND: SONY  
MODEL OR CHASSIS: KV1913  
PROBLEM: SET HAS VERTICAL FOLDOVER

SOLUTION: CHECK AND REPLACE C529 AND C555

BRAND: SONY  
MODEL OR CHASSIS: KV1920  
PROBLEM: SET HAS BLACK SPOTS



SOLUTION: CHECK AND REPLACE C526

BRAND: SONY  
MODEL OR CHASSIS: KV1941  
PROBLEM: DEAD

SOLUTION: CHECK R812

BRAND: SONY  
MODEL OR CHASSIS: KV1943  
PROBLEM: SET HAS BLACK BAR AT THE TOP OF THE SCREEN

SOLUTION: CHECK AND REPLACE C523 ABD C517

BRAND: SONY  
MODEL OR CHASSIS: KV1943  
PROBLEM: VERTICAL FOLDOVER AT TOP

SOLUTION: CHECK AND REPLACE C523 A 3.3 MFD 50 VOLT

BRAND: SONY  
MODEL OR CHASSIS: KV1970  
PROBLEM: SCREEN SAYS AUX AND YOU CAN'T TURN IT ON MANUALLY

SOLUTION: CHECK AND REPLACE IC105

BRAND: SYLVANIA  
MODEL OR CHASSIS: RLJ320WAO1  
PROBLEM: DEAD

SOLUTION: REPLACE IC400

BRAND: SYLVANIA  
MODEL OR CHASSIS: 25C545  
PROBLEM: NO VERTICAL SWEEP

SOLUTION: CHECK AND REPLACE IC331

BRAND: SYLVANIA  
MODEL OR CHASSIS: RXE155WAO1  
PROBLEM: SET WILL NOT TURN OFF EXCEPT BY UNPLUGGING IT.

SOLUTION: CHECK AND REPLACE RELAY.

BRAND: SYLVANIA  
MODEL OR CHASSIS: 20C605  
PROBLEM: SET IS DEAD. LED DISPLAY IS ON AND THE RELAY CLICKS.

SOLUTION: CHECK AND REPLACE R403.

BRAND: SYLVANIA  
MODEL OR CHASSIS: RXH169WA02  
PROBLEM: NO AUDIO

SOLUTION: CHECK AND REPLACE R209

BRAND: SYLVANIA  
MODEL OR CHASSIS: RKF178WA02  
PROBLEM: NO RASTER. HIGH VOLTAGE IS OK.

SOLUTION: CHECK AND REPLACE IC580. ALSO CHECK R434.

BRAND: SYLVANIA  
MODEL OR CHASSIS: RKF178WA02  
PROBLEM: NO RASTER. AUDIO IS OK.

SOLUTION: CHECK AND REPLACE IC640.

BRAND: SYLVANIA  
MODEL OR CHASSIS: CXJ160WA01  
PROBLEM: NO AUDIO.

SOLUTION: CHECK AND REPLACE Q212, AND R210. ALSO CHECK Q210 AND Q206.

BRAND: SYLVANIA  
MODEL OR CHASSIS: RKX185BK01  
PROBLEM: NO AUDIO

SOLUTION: CHECK AND REPLACE RESISTOR R231 @15 OHMS 1/4 WATT.

BRAND: SYLVANIA  
MODEL OR CHASSIS: 20C804  
PROBLEM: NO RASTER. HIGH VOLTAGE IS OK.

SOLUTION: CHECK AND REPLACE IC580. ALSO CHECK R434.

BRAND: SYLVANIA  
MODEL OR CHASSIS: 20C804  
PROBLEM: NO RASTER. AUDIO IS OK.

SOLUTION: CHECK AND REPLACE IC640.

BRAND: SYLVANIA  
MODEL OR CHASSIS: 19J4-01  
PROBLEM: NO AUDIO

SOLUTION: CHECK AND REPLACE Q212, AND R210. ALSO CHECK Q210 AND Q206.

BRAND: SYLVANIA  
MODEL OR CHASSIS: 20L1-01  
PROBLEM: NO AUDIO

SOLUTION: CHECK AND REPLACE RESISTOR R231 @15 OHMS, 1/4 WATT.

BRAND: SYLVANIA  
MODEL OR CHASSIS: RXC168WA  
PROBLEM: SET HAS INTERMITTENT HORIZONTAL COLLAPSE.

SOLUTION: CHECK FOR BAD SOLDER JOINT ON THE HORIZONTAL DRIVER TRANSFORMER.

BRAND: SYLVANIA  
MODEL OR CHASSIS: CXB166W003  
PROBLEM: SHUTS DOWN INTERMITTENTLY.

SOLUTION: CHECK AND REPLACE MAIN FILTER CAPACITOR C518.

BRAND: SYLVANIA  
MODEL OR CHASSIS: CL-6686P  
PROBLEM: DEAD SET.

SOLUTION: CHECK AND REPLACE FLYBACK.

BRAND: SYLVANIA  
MODEL OR CHASSIS: E34-11  
PROBLEM: DEAD SET.

SOLUTION: CHECK AND REPLACE FLYBACK.

BRAND: SYLVANIA  
MODEL OR CHASSIS: CLB327PR  
PROBLEM: SET IS DEAD.

SOLUTION: CHECK AND REPLACE FLYBACK.

BRAND: SYLVANIA  
MODEL OR CHASSIS: E34-12  
PROBLEM: SET IS DEAD.

SOLUTION: CHECK AND REPLACE FLYBACK.

BRAND: SYLVANIA  
MODEL OR CHASSIS: CLB327PR  
PROBLEM: SHUTS DOWN INTERMITTENTLY.

SOLUTION: CHECK AND REPLACE SC527 AND C540. ALSO CHECK THE RELAY.

BRAND: SYLVANIA  
MODEL OR CHASSIS: CLB327PR  
PROBLEM: SET HAS DARK VERTICAL BARS ON THE LEFT SIDE OF THE SCREEN.

SOLUTION: CHECK AND REPLACE R996.

BRAND: SYLVANIA  
MODEL OR CHASSIS: CLB327PR  
PROBLEM: SET WILL INTERMITTENTLY START-UP AND SHUTDOWN.

SOLUTION: CHECK AND REPLACE SC527. ALSO CHECK THE RELAY AND C540.

BRAND: SYLVANIA  
MODEL OR CHASSIS: C3901TWA05  
PROBLEM: NO VERTICAL SWEEP.

SOLUTION: CHECK AND REPLACE IC502. ALSO CHECK R564.

BRAND: SYLVANIA  
MODEL OR CHASSIS: 19C5  
PROBLEM: SET IS DEAD. THE RELAY CLICKS ON AND OFF.

SOLUTION: CHECK AND REPLACE Q401 AND Q464.

BRAND: SYLVANIA  
MODEL OR CHASSIS: 19C309  
PROBLEM: NO VERTICAL SWEEP.

SOLUTION: CHECK AND REPLACE IC502. ALSO CHECK R564.

BRAND: SYLVANIA  
MODEL OR CHASSIS: E34-12  
PROBLEM: SET WILL INTERMITTENTLY START-UP AND SHUTDOWN.

SOLUTION: CHECK AND REPLACE SC527. ALSO CHECK THE RELAY AND C540.

BRAND: SYLVANIA  
MODEL OR CHASSIS: E34-12  
PROBLEM: SET HAS DARK VERTICAL BARS ON THE LEFT SIDE OF THE SCREEN.

SOLUTION: CHECK AND REPLACE R996.

BRAND: SYLVANIA  
MODEL OR CHASSIS: E34-12  
PROBLEM: SET INTERMITTENTLY SHUTS DOWN.

SOLUTION: CHECK AND REPLACE SC527 AND C540. ALSO CHECK THE RELAY.

BRAND: SYLVANIA  
MODEL OR CHASSIS: CX9166W  
PROBLEM: NO HORIZONTAL OR VERTICAL SYNC.

SOLUTION: CHECK AND REPLACE IC400

BRAND: SYLVANIA  
MODEL OR CHASSIS: CE9182W  
PROBLEM: NO HORIZONTAL OR VERTICAL SYNC.

SOLUTION: CHECK AND REPLACE IC400.

BRAND: SYLVANIA  
MODEL OR CHASSIS: CLO211W  
PROBLEM: SET IS DEAD.

SOLUTION: CHECK AND REPLACE FLYBACK.

BRAND: SYLVANIA  
MODEL OR CHASSIS: CL6652WS  
PROBLEM: NO RASTER. HIGH VOLTAGE IS OK.

SOLUTION: CHECK AND REPLACE SC946 AND Q907.

BRAND: SYLVANIA  
MODEL OR CHASSIS: CXB161W003  
PROBLEM: SET SHUTS DOWN.

SOLUTION: CHECK AND REPLACE C518A.

BRAND: SYLVANIA  
MODEL OR CHASSIS: GM1961W  
PROBLEM: HAS INTERMITTENT START UP.

SOLUTION: CHECK AND REPLACE IC700.

BRAND: SYLVANIA  
MODEL OR CHASSIS: E48-3  
PROBLEM: NO HORIZONTAL OR VERTICAL SYNC.

SOLUTION: CHECK AND REPLACE IC400.

BRAND: SYLVANIA  
MODEL OR CHASSIS: E51-07  
PROBLEM: SET IS DEAD.

SOLUTION: CHECK AND REPLACE FLYBACK.

BRAND: SYLVANIA  
MODEL OR CHASSIS: E31-01  
PROBLEM: INTERMITTENTLY SHUTS DOWN OR SET IS DEAD.

SOLUTION: CHECK AND REPLACE R548. USE 1 WATT.

BRAND: SYLVANIA  
MODEL OR CHASSIS: E21-25  
PROBLEM: DEAD SET. BREAKER TRIPS.

SOLUTION: CHECK AND REPLACE HIGH VOLTAGE TRIPLER.

BRAND: SYLVANIA  
MODEL OR CHASSIS: E20-10  
PROBLEM: NO VIDEO

SOLUTION: CHECK AND REPLACE IC602.

BRAND: SYLVANIA  
MODEL OR CHASSIS: CX6162W  
PROBLEM: NO HORIZONTAL OR VERTICAL SWEEP.

SOLUTION: CHECK AND REPLACE IC400.



BRAND: SYLVANIA  
MODEL OR CHASSIS: E20-10  
PROBLEM: VHF RECEPTION VERY WEAK. AUDIO GARBLED.

SOLUTION: CHECK AND REPLACE Q208.

BRAND: THOMAS  
MODEL OR CHASSIS: 19RMM  
PROBLEM: NO INTERMITTENT COLOR

SOLUTION: REPLACE C410 .01MFD CAP.

BRAND: THOMAS  
MODEL OR CHASSIS: 19RMM  
PROBLEM: NO TINT CONTROL

SOLUTION: REPLACE CAP C404

BRAND: TOSHIBA  
MODEL OR CHASSIS: CF-2005  
PROBLEM: NO AUDIO, NO VIDEO. COULD HAVE CHANNEL DISPLAY, BUT NO  
: TUNER.

SOLUTION: CHECK AND REPLACE ICA01.

BRAND: TOSHIBA  
MODEL OR CHASSIS: CF-2036  
PROBLEM: AFTER 10 TO 15 MINUTES, SET SHUTS DOWN.

SOLUTION: CHECK AND REPLACE SAFETY CAPACITOR C441.

BRAND: TOSHIBA  
MODEL OR CHASSIS: C990  
PROBLEM: NO COLOR.

SOLUTION: CHECK AND REPLACE IC501.

BRAND: TOSHIBA  
MODEL OR CHASSIS: TAC-O3O  
PROBLEM: NO VERTICAL SWEEP.

SOLUTION: CHECK AND REPLACE C317.

BRAND: TOSHIBA  
MODEL OR CHASSIS: CF2044J  
PROBLEM: DEAD SET. RELAY DOES NOT CLICK.

SOLUTION: CHECK AND REPLACE CE12.

BRAND: TOSHIBA  
MODEL OR CHASSIS: CE910  
PROBLEM: WASHED OUT PICTURE.

SOLUTION: CHECK AND REPLACE IC101.

BRAND: TOSHIBA  
MODEL OR CHASSIS: CX2014  
PROBLEM: NO VERTICAL SWEEP.

SOLUTION: CHECK AND REPLACE D302 AND R327.

BRAND: TOSHIBA  
MODEL OR CHASSIS: CX2034  
PROBLEM: DEAD SET.

SOLUTION: CHECK AND REPLACE QE07 AND DE12.

BRAND: TOSHIBA  
MODEL OR CHASSIS: CF-915  
PROBLEM: DEAD SET.

SOLUTION: CHECK AND REPLACE IC501.

BRAND: TOSHIBA  
MODEL OR CHASSIS: CF-916  
PROBLEM: NO VERTICAL SWEEP.

SOLUTION: CHECK AND REPLACE IC301.

BRAND: TOSHIBA  
MODEL OR CHASSIS: CF917  
PROBLEM: SHUTS OFF AFTER ABOUT 10 MINUTES.

SOLUTION: CHECK AND REPLACE QE10.

BRAND: WARDS  
MODEL OR CHASSIS: GSK-12814  
PROBLEM: NO AUDIO

SOLUTION: CHECK AND REPLACE IC301

BRAND: WARDS  
MODEL OR CHASSIS: GOJ-12966  
PROBLEM: BUZZING FROM INSIDE THE SET.

SOLUTION: CHECK AND REPLACE L502.

BRAND: WARDS  
MODEL OR CHASSIS: GOJ-12966  
PROBLEM: NO AUDIO.

SOLUTION: CHECK AND REPLACE IC201.

BRAND: ZENITH  
MODEL OR CHASSIS: 9-181-06  
PROBLEM: SET DOES NOT START UP

SOLUTION: CHECK AND REPLACE MAIN FILTER CAP. C3249

BRAND: ZENITH  
MODEL OR CHASSIS: 9-153  
PROBLEM: PICTURE IS BRIGHT WITH RETRACE LINES

SOLUTION: CHECK AND REPLACE R3379

BRAND: ZENITH  
MODEL OR CHASSIS: A1310W  
PROBLEM: NO VERTICAL SWEEP

SOLUTION: CHECK AND REPLACE Q2149

BRAND: ZENITH  
MODEL OR CHASSIS: 1733-2  
PROBLEM: NO COLOR

SOLUTION: CHECK AND REPLACE IC1002 ON THE 9-86 CHROMA MODULE.

BRAND: ZENITH  
MODEL OR CHASSIS: 25JC49  
PROBLEM: SMEARED VIDEO

SOLUTION: CHECK AND REPLACE C907 ON 9-88 BOARD.

BRAND: ZENITH  
MODEL OR CHASSIS: G1368B  
PROBLEM: RETACE LINES. NO VIDEO

SOLUTION: CHECK AND REPLACE Q803

BRAND: ZENITH  
MODEL OR CHASSIS: 19HC48  
PROBLEM: AFTER SET IS ON FOR AWHILE, SET GOES DEAD.

SOLUTION: CHECK AND REPLACE QX201. 24V REGULATOR.

BRAND: ZENITH  
MODEL OR CHASSIS: K2526P  
PROBLEM: NO VERTICAL. WHITE LINE CENTER OF SCREEN.

SOLUTION: CHECK AND REPLACE R3176 ON THE 9-153 BOARD.

BRAND: ZENITH  
MODEL OR CHASSIS: 19GC45  
PROBLEM: DEAD

SOLUTION: CHECK AND REPLACE SAFETY CAPACITOR.

BRAND: ZENITH  
MODEL OR CHASSIS: SL1961W9  
PROBLEM: SEVERE ARCING FROM FLYBACK

SOLUTION: CHECK AND REPLACE FLYBACK TRANSFORMER

BRAND: ZENITH  
MODEL OR CHASSIS: L2506M  
PROBLEM: NO GREEN

SOLUTION: CHECK AND REPLACE Q5103 ON THE CRT BOARD.

BRAND: ZENITH

MODEL OR CHASSIS: Y1908W  
PROBLEM: CANNOT CONTROL AUDIO

SOLUTION: CHECK AND REPLACE IC1451.

BRAND: ZENITH  
MODEL OR CHASSIS: SS2319P  
PROBLEM: DEAD.

SOLUTION: REPLACE OR REPAIR 9-160-05 MODULE.

BRAND: ZENITH  
MODEL OR CHASSIS: S1942W  
PROBLEM: DEAD. FUSE BLOWN. 2 AMP.

SOLUTION: CHECK AND REPLACE HORIZONTAL OUTPUT TRANSISTOR QX3326.

BRAND: ZENITH  
MODEL OR CHASSIS: N1908C  
PROBLEM: PICTURE BRIGHT WITH RETACE LINES.

SOLUTION: CHECK AND REPLACE IC2230.

BRAND: ZENITH  
MODEL OR CHASSIS: N1926W  
PROBLEM: VERY BRIGHT WITH RETRACE LINES.

SOLUTION: CHECK AND REPLACE RESISTOR R5101 ON THE CRT BOARD.

BRAND: ZENITH  
MODEL OR CHASSIS: SN2571P  
PROBLEM: SET GOES DEAD INTERMITTENTLY.

SOLUTION: CHECK AND REPLACE 12 V REGULATOR Q3452.

BRAND: ZENITH  
MODEL OR CHASSIS: SY1993W  
PROBLEM: SET IS DEAD.

SOLUTION: CHECK AND REPLACE Q6426. THE RELAY DRIVER TRANSISTOR.

BRAND: ZENITH  
MODEL OR CHASSIS: SZ1319W  
PROBLEM: DEAD SET. LED'S FOR CHANNELS ARE ON AND CAN BE CHANGED.

SOLUTION: CHECK AND REPLACE R3214.

BRAND: ZENITH  
MODEL OR CHASSIS: SZ1927W  
PROBLEM: DEAD SET. CHANNEL DISPLAY LIGHTS UP AND CAN BE CHANGED.

SOLUTION: CHECK AND REPLACE R3214 ON THE MULTIVIBRATOR BOARD.

BRAND: ZENITH  
MODEL OR CHASSIS: E4545  
PROBLEM: INTERMITTENT OR NO RASTER.

SOLUTION: CHECK AND REPLACE L212.

BRAND: ZENITH  
MODEL OR CHASSIS: 19EC45  
PROBLEM: INTERMITTENT OR NO RASTER

SOLUTION: CHECK AND REPLACE L212.

BRAND: ZENITH  
MODEL OR CHASSIS: 19HC48  
PROBLEM: ONE HALF OF THE VERTICAL SWEEP IS MISSING.

SOLUTION: CHECK AND REPLACE VERTICAL OUTPUT TRANSISTOR.

BRAND: ZENITH  
MODEL OR CHASSIS: L174OW  
PROBLEM: SET IS DEAD. 2 AMP FUSE IS OPEN.

SOLUTION: CHECK AND REPLACE HORIZONTAL OUTPUT TRANISTOR QX3326. ALSO  
: RESOLDER ALL THE JOINTS ON THE FLYBACK AS WELL AS THE OTHER COMPO  
: IN THE HORIZONTAL CIRCUIT.

BRAND: ZENITH  
MODEL OR CHASSIS: K196OW  
PROBLEM: THE PICTURE INTERMITTENTLY CHANGES TO PURPLE.

SOLUTION: CHECK AND REPLACE 9-155 MODULE.

BRAND: ZENITH  
MODEL OR CHASSIS: SN25718  
PROBLEM: INTERMITTENTLY GOES DEAD.

SOLUTION: CHECK AND REPLACE Q3452.

BRAND: ZENITH  
MODEL OR CHASSIS: N1908C  
PROBLEM: PICTURE IS VERY BRIGHT WITH RETRACE LINES.

SOLUTION: CHECK AND REPLACE R5102, R5101 ON THE 9-155 MODULE.

BRAND: ZENITH  
MODEL OR CHASSIS: K196OW  
PROBLEM: THE LEFT SIDE OF THE SCREEN HAS DARK SHADING.

SOLUTION: CHECK AND REPLACE C3377 ON THE 9-153 MODULE.



BRAND: ZENITH  
MODEL OR CHASSIS: SK2577P  
PROBLEM: DEAD SET.

SOLUTION: CHECK AND REPLACE Q3328.

BRAND: ZENITH  
MODEL OR CHASSIS: SL2525M  
PROBLEM: DEAD SET. BLOWS FUSES.

SOLUTION: CHECK AND REPLACE THE 9-160-06 MODULE.

BRAND: ZENITH  
MODEL OR CHASSIS: K1720W  
PROBLEM: NO COLOR

SOLUTION: CHECK AND REPLACE IC1002.

BRAND: ZENITH  
MODEL OR CHASSIS: 17KC55  
PROBLEM: NO COLOR

SOLUTION: CHECK AND REPLACE IC1002.

BRAND: ZENITH  
MODEL OR CHASSIS: K1960W  
PROBLEM: SET HAS BRIGHT PICTURE WITH RETRACE LINES.

SOLUTION: CHECK AND REPLACE 9-155 CRT BOARD.

BRAND: ZENITH  
MODEL OR CHASSIS: 19JC48  
PROBLEM: SET HAS NO VIDEO. NO BRIGHTNESS CONTROL.

SOLUTION: CHECK AND REPLACE Q1204 ON 9-89F MODULE.

BRAND: ZENITH

MODEL OR CHASSIS: Y2526WE

PROBLEM: SET HAS NO COLOR. ALSO THE PICTURE IS SHRUNK ON THE TOP  
: AND BOTTOM, AS WELL AS BOTH SIDES.

SOLUTION: CHECK AND REPLACE THE MAIN FILTER CAPACITOR CX3326.

BRAND: ZENITH

MODEL OR CHASSIS: Y2526NE

PROBLEM: SET GOES DEAD INTERMITTENTLY.

SOLUTION: CHECK AND REPLACE 12-V REGULATOR Q3452.

BRAND: ZENITH

MODEL OR CHASSIS: BT124W

PROBLEM: THE PUSH BUTTON TUNER IS NOT FUNCTIONING.

SOLUTION: CHECK AND REPLACE C329, C330, C331, C332, C333, AND C334.

BRAND: ZENITH

MODEL OR CHASSIS: SZ1319W

PROBLEM: DEAD SET OR INTERMITTENT START UP.

SOLUTION: CHECK AND REPLACE R3213.

BRAND: ZENITH

MODEL OR CHASSIS: Z4549-1

PROBLEM: NO RASTER. NO HIGH VOLTAGE. THERE IS NOISE IN THE AUDIO.

SOLUTION: CHECK AND REPLACE C214a

BRAND: ZENITH  
MODEL OR CHASSIS: 19EB12  
PROBLEM: WHEN CHANGING CHANNELS, THERE IS LOSS OF  
: HORIZONTAL SYNC.

SOLUTION: CHECK AND REPLACE R715 ON THE 9-94 MODULE.

BRAND: ZENITH  
MODEL OR CHASSIS: SS1909W  
PROBLEM: TV IS HIGH VOLTAGE SHUTDOWN.

SOLUTION: CHECK AND REPLACE QX3207 ON THE 9-351 SWEEP MODULE.

BRAND: ZENITH  
MODEL OR CHASSIS: 19EC45  
PROBLEM: WEAVING IN THE PICTURE

SOLUTION: CHECK AND REPLACE Q201 AND CR204.

BRAND: ZENITH  
MODEL OR CHASSIS: SA2517P  
PROBLEM: HIGH VOLTAGE IS TOO HIGH. INTERMITTENT SHUTDOWN.

SOLUTION: CHECK AND REPLACE CR3211. ALSO CHECK CR3212.

BRAND: ZENITH  
MODEL OR CHASSIS: Z1908  
PROBLEM: DEAD SET.

SOLUTION: CHECK AND REPLACE R3213 ON THE MULTI-VIBRATOR BOARD.

BRAND: ZENITH  
MODEL OR CHASSIS: SA1927W  
PROBLEM: PICTURE WEAVES FROM THE TOP TO BOTTOM.

SOLUTION: CHECK AND REPLACE MAIN FILTER CAPACITOR C3249.

BRAND: ZENITH

MODEL OR CHASSIS: L1908C9

PROBLEM: VERY BRIGHT PICTURE WITH RETRACE LINES.

SOLUTION: CHECK AND REPLACE RX481 ON THE 250 V LINE.

BRAND: ZENITH

MODEL OR CHASSIS: 23HC45

PROBLEM: DEAD

SOLUTION: CHECK AND REPLACE C227, R224, AND R229.