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Hitachi Section 3



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Hitachi	G6P	BLANK RASTER , NO SOUND	C933 2200mfd , 25v ALSO CHECK 12v REG OP. IC932
Hitachi	G6P	Blank raster, no sound	IC932 12v reg o/p low, C933 2200μ 25v
Hitachi	G6P	Blank white raster with fb lines	Q301 2SA673C s/c,replacement restored pic but no OSD & red fb lines; M50450-023P micro
Hitachi	G6P	Bright green raster with flyback lines. When the	A new cbip restored everything to normal.
Hitachi	G6P	Bright white raster - only 20v at RGB colls	ZD301 12v zener on main pcb
Hitachi	G6P	Bright white raster which trips aft 30 secs	R771 o/c & D763 leaky in RGB supply
Hitachi	G6P	Colour - looks a bit pale.	Q856 (2SC2271)
Hitachi	G6P	Colour int goes off	IC501 HA51338SR pin never soldered
Hitachi	G6P	Corrugated verts	C905 & C910 4μ7 50v
Hitachi	G6P	Dark pic with red flaring	Low A1 volts caused by contamination on crt base pcb
Hitachi	G6P	Dead	Q901 or dry joints on heatsink tag for T721
Hitachi	G6P	Dead - low res between base - emitt of Chopper transistor Q901	CP901 control/drive module HM9205 has s/c between pins 5 & 6
Hitachi	G6P	Dead - momentary crack from spkr & led briefly flashes	OK on dummy load - LOPTx faulty
Hitachi	G6P	Dead after dying whine at sw on	dry joints line driver tfmr T721 lands
Hitachi	G6P	DEAD LINE TR READS SC OR LOW B-E (Q901)	CP901 HM9205 SC PINS 5 , 6
Hitachi	G6P	Dead with whine	HT low at 50v on dummy load - LOPTx s/c winding
Hitachi	G6P	Dead without whistle	D902 ES1A s/c in psu
Hitachi	G6P	Dead, st/by LED OK, HT at 40v on dummy load	C914 1000μ 16v
Hitachi	G6P	Excess brill with fb lines	ZD301 12v leaky across lum feed to crt panel
Hitachi	G6P	Fail to start up - int	Dry joint R1172 1k between pin 38 of micro & Q1103 coll
Hitachi	G6P	Field cramp	C682 100μ 50v
Hitachi	G6P	Field top foldover	C682 100μ 50v
Hitachi	G6P	GOES STRAIGHT TO STBY	R902 903 82k HIGH OR OC
Hitachi	G6P	Going to standby at switch on.	R902/3 (82k) high.
Hitachi	G6P	GREEN FLASHES ON PICTURE	REPLACE OSD ID
Hitachi	G6P	Green flashing pic with green fingers reaching out from left	Caption/on screen display gen chip IC1104 M50450-023P
Hitachi	G6P	Int cuts out after trying to start	2D752 24v zener
Hitachi	G6P	Int dead no ht	EHT sensing diode ZD752 slight reverse leak - 24v zener
Hitachi	G6P	Int start up	C911 2μ2 50v non pol cap in psu
Hitachi	G6P	INT STICKS IN STBY	R1172 DRY BETWEEN PIN 38 MICRO AND Q1103
Hitachi	G6P	Light horizontal bar at top of pic	CP901 chopper drive chip
Hitachi	G6P	Line jitter at top of screen when using vcr	Change R706 & R716 to 5k6
Hitachi	G6P	No graphics - teletext ok.	Q858/Q857 on CRT base , D1113/D1114 , IC1104.
Hitachi	G6P	NO MEMORY IC1102 NO -30v	R772 1k2
Hitachi	G6P	No pic - cut off due to field collapse	R715 1R o/c feed to Field o/p chip TDA3654 - no other ff
Hitachi	G6P	No sig Just sound OSD ok	IC1101 M5043255
Hitachi	G6P	No signals, osd or controls	IC1101 M50432551SP micro faulty - no movement on data lines
Hitachi	G6P	No tune store	R772 1k2 o/c
Hitachi	G6P	Only left hand 3" of pic visble - rest blanked	C782 2n2 2kv tuning cap
Hitachi	G6P	Pale colour	Q856 2SC2271 col diff tr on crt base leaky
Hitachi	G6P	PICTURE COMES ON ALL WHITE THEN SET TRIPS OFF	R771 OC D763 SC
Hitachi	G6P	Red vert bands gradually filling screen	IC1104 M50450-023P graphics gen chip
Hitachi	G6P	Shut down aft a couple of secs of sw on	Crowbar thyristor Q902 firing - ok if gate dis'd - ZD752 24v in EHT sensing leaky
Hitachi	G6P	Shutdown - after couple of seconds.	ZD752 (24v zener) leaky.
Hitachi	G6P	SNOW ON SCREEN NO OSD	IC1101 MICRO IC
Hitachi	G6P	Sound level varies	Stab 12v line varies - ZD791 HZ11LC2 in Q791 base cct
Hitachi	G6P	Sound poor & int	IC201 HA11485NT in IF unit dry joints
Hitachi	G6P	Sync poor or non existant	C701 100μ 25v
Hitachi	G6P	Tripping effect - line drive pulsing	Check C1101 2μ2
Hitachi	G6P	TRIPS HT COECT AT 110v IC501 PIN (START U	C1101 (MICRO RESET) US
Hitachi	G6P	Txt lines at top of pic	IC681 μPC1378H
Hitachi	G6P	Txt missing or int	12v l/p to oin 2 PL1204 on txt pcb low at 10.5v; R761 1R = 5R

Hitachi	G6P	VARYING SOUND LEVEL	ZD791 ZENER HZ11LC2 IN Q791 BASE CIRCUIT
Hitachi	G6P	Whistling psu - esp on bright scenes	C909 220μ 160v HT smoothing cap low cap
Hitachi	G6P	Won't memorise chans	No -30v to IC1102 - R772 1k2 hi res
Hitachi	G6P Txt	Sync missing	IC2110 HA17085 5v reg on txt pcb giving out only 2.5v & faulty
Hitachi	G7 PS2	Int colour	R501 1k5 o/c - also check R502 1k5
Hitachi	G7/8QP	BUZZ ON SOUND	C410 (0.01uF) or IC201 TA8691N Pt No. T900486
Hitachi	G7/8QP	Dead	R902 903 82k OC
Hitachi	G7/8QP	GREY RASTER WITH FLYBACK LINES , WHITE LINE FROM TO	C711 (47mfd , 200v)
Hitachi	G7/8QP	INT GOES OFF	C711 DRY
Hitachi	G7/8QP	Low sound with buzzing	C410 (0.01uF) Between MF402 & chassis
Hitachi	G7/8QP	NO ON SCREEN DISPLAY	R008 470k OC. OR DRY
Hitachi	G7/8QP	Screen goes very bright then trips.	C711 (47u f)
Hitachi	G7/8QP	SET APPEARS DEAD BUT IS IN PROTECTION MODE AS HT T	R909 39k HIGH
Hitachi	G7/8QP	Set Dead H.T. high & tripping	Replace ZD903 & R909 (39K)
Hitachi	G7/8QP	Sound cuts out every few mins	C711 D/J
Hitachi	G7/8QP	SOUND GREY RASTER WITH FLYBACK LINES OR SET TRIPS	C711 47uF 200v NEAR LOPT
Hitachi	G7/8QP	Sound ok only gray raster with line at top & botto	C711 (47uF)
Hitachi	G7/8QP	Stuck in standby - 300v on BUT collector.	R902/3 (82k) front L/H corner o/c.
Hitachi	G7/8QP	WHITE SCREEN	REFIT C171
Hitachi	G7P	Bent verts at top when playing tapes	Try changing C104 to 22μ & C205 to 4μ7 - if this makes no difference, reduce C701 to 3n3 & C702 to 0μ47 50v (unofficial)
Hitachi	G7P	Black lines across screen & int field collapse	dry joints field o/p chip IC601
Hitachi	G7P	COMES ON BRIGHT THEN TRIPS OFF	Q801 BC558 OR ZD804 9v1
Hitachi	G7P	Crowbar operates aft 5 secs aft Loptx replacement	ZD703 faulty - measured ok out of cct
Hitachi	G7P	Cuts out aft half hour	Prot thy triggers due to Q704 BF432 leaky when warm
Hitachi	G7P	CUTS OUT INT	R919 920 100k
Hitachi	G7P	Dead	CHECK R901 (3R9) 7W C919 (4.7nF) 1Kv AND C928 (2.2nF) 2Kv R932 R931 (100K) Q901 (BUT11) D904
Hitachi	G7P	Dead	CHECK DIODE ACROSS BASE EMITTER OF CHOPPER TRANSISTOR
Hitachi	G7P	dead	LOP tr 2SD1884 s/c - use correct type
Hitachi	G7P	Dead - HT low at 26v until LOP stage dis'd	D905 MPG06J leaky
Hitachi	G7P	Dead - mains fuse o/c - chopper tr s/c	Check R931 150k & R932 120k
Hitachi	G7P	Dead int & blows chopper tr	R932 220k to pin 4 TDA4601 hi res
Hitachi	G7P	DEAD SURGE LIMITER O/C 3R9 7W Q901 OK	C919 4n7 1kv SC
Hitachi	G7P	DEAD WITH ONLY 33v AT LINE OP. COLL.	CHECK MAIN SMOOTHING 150mfd 400v C909
Hitachi	G7P	Dead/Int - blowing chopper transistor.	R932 gone high connected to pin 4 IC901.
Hitachi	G7P	Field collapse	Replace R719 o/c with wire link
Hitachi	G7P	Flashing pic - worse when tapped	IC703 9v reg dry joints (could not be seen)
Hitachi	G7P	Hum Bar	Slight adj of AGC preset
Hitachi	G7P	Int cuts out or dead	R919 & R920 100k feed pin 5 TDA4601 hi res
Hitachi	G7P	Int fails to start	Check C914 2μ2 50v, C916 33μ 25v
Hitachi	G7P	Int start up	C912 4n7 across TDA4600 faulty
Hitachi	G7P	Nicam poor with clicking	Adj coil L5 on panel between Txt & Nicam boards
Hitachi	G7P	No line sync - pic displaced to right	No line pulses IC701 pin12 - R726 2R2 o/c (also check R605)
Hitachi	G7P	NO MEMORY STORE	CHECK R173 , R174 , R723
Hitachi	G7P	NO PIC JUST SNOW , NO CONTROLS OR REM WORK	IC601 FIELD CHIP AN5521 (CHECK FOR FIELD PULSES AT PIN 15 OF IC101)
Hitachi	G7P	NO TUNING	R138 (10k) OC.
Hitachi	G7P	No Txt - P100 only	C2109 820pf
Hitachi	G7P	Set dead H.T. high & tripping	ZD903 & R909 (39K)
Hitachi	G7P	Set dead many semis in PSU s/C	Replace Q903 Q904 : R909 R912 R902 R903 R760 R761 R762 R766 R901 : ZD903 Check Q781 & D782 Replace 2.2ohm across Q760
Hitachi	G7P	Sometimes starts then cuts out after few mins	R919 , R920 (100k) feed to TDA4601 gone high.
Hitachi	G7P	St/by only after trying to start	s/c across 27v rail as IC601 TA8427K is s/c
Hitachi	G7P	Txt missing	Xtal X2231 in txt cct
Hitachi	G7P	Won't store chans	D706 & R723 in lop stage dry jointed or faulty
Hitachi	G7P Mk2	Blank white raster.	C711 dry jointed by LOPTX.
Hitachi	G7P Mk2	buzz on sound - flat pic	vid det coil L202
Hitachi	G7P Mk2	Dead	TDA4601 chopper chip - also replace C914/5/6/7
Hitachi	G7P Mk2	Dead	
Hitachi	G7P Mk2	Dead - HT high	X ray prot operating due to R716 51k res dry jointed
Hitachi	G7P Mk2	Dead R901 3R9 7w surge lim res o/c	C919 4n71kv leaky & check C928 2n2 2kv
Hitachi	G7P Mk2	Dead with only 33v HT at LOPtr	C909 150μ 400v mains smoothing cap o/c
Hitachi	G7P Mk2	Field bounce or st/by only	IC703 MC7809 9v reg dry jointed or faulty
Hitachi	G7P Mk2	FOP chip has short life	Check HT is not too high - if so U know what to do!
Hitachi	G7P Mk2	Goes off aft half an hour	Dry joints C711 47μ 200v
Hitachi	G7P Mk2	Green raster with flyback lines	R808 22k ¼w o/c
Hitachi	G7P Mk2	grey raster with fb lines	C711 47μ 200v bulging & faulty by LOPTx
Hitachi	G7P Mk2	int pic size/ht	C906 4μ7 250v
Hitachi	G7P Mk2	Mass of lines at centre of screen	Comes/goes with board flex - C702 dry joints - near IC701 FOP chip
Hitachi	G7P Mk2	NO GO	R920 100k OC
Hitachi	G7P Mk2	no sound or pic - ht ok	field collapse. No 9v to field chip as MC7809 IC703 o/c
Hitachi	G7P Mk2	No start up	C911 82pf across pins 2 & 3 TDA4601 psu chip
Hitachi	G7P Mk2	no tuning	R044 12k 0.5w o/c ZD002 30v tuning volts diode o/c
			R901 6R8 5W o/c BUT12AF chopper tr s/c ZD903 180v over

Hitachi	G7P Mk2	off	volts diode ZD903s/c
Hitachi	G7P Mk2	off with smoke	C919 4n7 1kv & C928 2n2 1kv cracked cases
Hitachi	G7P Mk2	Pic blanks out int or goes bright & trips	C711 47μ 200v dry jointed by LOPTx
Hitachi	G7P Mk2	Reverts to st/by aft few mins	HT gone high as C906 4μ7 250v is faulty
Hitachi	G7P Mk2	Snowy raster & no controls work	pin 15 IC101 micro high -caused by faulty IC601 AN5521 FOP chip
Hitachi	G7P Mk2	Tuning drift & nothing tuneable above Ch36	Only 7v across 33v zener. IC101 HD401304R12S faulty
Hitachi	G7P Mk2	Won't start up again aft being switched off	R913 100R in base of chopper tr o/c
Hitachi	G7P2	WONT START	CHECK - R931 (150K) , R932 (120K) , R919 AND R920 (100K) CONNECTED IN PAIRS TO TDA4601
Hitachi	G7P2	WON'T START	CHECK R931 150k 932 120k 919 + 920 100k
Hitachi	G7PII	Dead	C919 4n7 1kv had split - replacement was 2n2
Hitachi	G7PII	Dead	R931 150k o/c; IC901 internal s/c; 2 diodes on print side s/c (between chassis & Q901 base) - 1N4148 & 6v2 zener; BUT11AF o/c base
Hitachi	G7PII	dead	ZD903 130v zener s/c; replace R909 39k, R912 47k, R902/3 82k, C906 4μ7, Q905 BF423
Hitachi	G7PII	dead	82k start up resistors o/c & hi res
Hitachi	G7PII	dead - gives a rush of noise thr' spkr initially	C914 10μ 50v, C910 33μ 10v, C929 1μ 50v, C915 100μ 10v, C917 4μ7 50v all 105 deg
Hitachi	G7PII	field collapse	R719 2R2 safety res o/c - no other fault found
Hitachi	G7PII	int field collapse	9v supply to field chip drops to zero, IC703 MC7809 faulty or dy jointed
Hitachi	G7PII	Int off	R919/920 100k also check R932 150k
Hitachi	G7PII	int start up	start up volts pin 9 IC901 only 2v - check/replace resistor chain R939,940,941,942,902,903 & C914 2μ2
Hitachi	G7PII	No start up	Pin 9 IC901 low at 5v (9v) - C914 10μ 50v faulty
Hitachi	G7PII	No start up - comes on briefly then trips	R909 39k hi res
Hitachi	G7PII	slow start up	R909/2/3 all ok but C906 4μ7 250v hi esr & C905 100μ 160v
Hitachi	G7PII	St/by only	C906 4μ7 250v, ZD903 130v zener s/c & R909 39k as a precaution
Hitachi	G7PII	St/by only - trips at sw on	HT = 130v (110v) R909 39k risen in value and adj HT pot
Hitachi	G7PII	St/by only - trips at sw on	IC703 reg dry joints
Hitachi	G7PS	low ht 40v & Q903 chopper overheating	D905 s/c
Hitachi	G7PS	PSU blow up	Reason could be - T901 dry joints on pcb & wrapped end
Hitachi	G7PS	R763 burns up at sw on	R760, 761, 762 & 766 all o/c & R763 3k3 replaced
Hitachi	G7PS	Striations on lh side - ok from scart	L101 choke in 12v supply faulty
Hitachi	G7PS2	BRIGHT WHITE THEN FIELD COLLAPSE	CHECK Q801 SC
Hitachi	G7PS2	DEAD , 130v ZENER s.c.	REPLACE R909 39K EVEN IF READS OK.
Hitachi	G7PS2	Dead.	112v rail high R716 (51k) o/c.
Hitachi	G7PS2	Fails to start	R902 & R903 (82K)
Hitachi	G7PS2	HIGH EHT WITH SET TRIPPING TO SBY INSTANTLY	R909 39K HIGH also replace ZD903
Hitachi	G7PS2	INT DEAD	ZD901 6v8 zener
Hitachi	G7PS2	INT DEAD	39K - 82K POWER SUPP - ALSO D/J on reg 12V (EDGE OF PCB BY LOPT.)
Hitachi	G7PS2	INT. FLAG WAVING AFTER TELETEXT USE	IC2002 (TEXT PCB)
Hitachi	G7PS2	No OSD set works ok	Replace HD401314RS
Hitachi	G7PS2	No signals Tuning bar moves as if tuning no va	Check R044 (12K)
Hitachi	G7PS2	OSD NOT CLEARING	DOO7 HIGH
Hitachi	G7PS2	Shuts down aft 20 secs with buzz	In prot mode (shutdown volts at pin 20 TA8690AN) ZD701 3v9 zener leaky
Hitachi	G7PS2	STANDBY ONLY	IC703 DRY JOINTS
Hitachi	G7PS2	When tried to tune in the correct display appeared	The 33V tuning voltage supply was missing because R044 (12k) was open-circuit.
Hitachi	G7PSL	Excess bright raster	RGB colls low volts - Q801 BC558B leaky (on main pcb)
Hitachi	G7PSL	Field chip has short life	Add 2 x 33v zeners in series - cathodes to pin 2 IC601 & anode to chassis - if this has no effect , could be crt flashover
Hitachi	G7PSL	Field jitter when hot	D601 1N4002
Hitachi	G7PSL	Field non lin	C712 2200μ 50v & C606 680μ 16v
Hitachi	G7PSL	No signals - osd searches	Tuning volts missing VT pin tuner, R044 12k o/c
Hitachi	G7PSL	NO TUNING - JUST SNOW (TUNING BAR PRESENT ON SCRE	R044 12k OC. ZD002 (33V Zen) Q003
Hitachi	G7PSL	St/by only	Q781 2SD1884 LOPTr, Q903 BUT12AF chopper tr & ZD903 P6KE180A overvolts zener s/c - R760, R761, R762 & R766 2R2 ½w hi res
Hitachi	G7PSL2	St/by only	ZD903 130v zener s/c; C906 4μ7 250v hi esr; R901 6R8 5w o/c;Q903 BUT12AF s/c; F901 2.5A o/c - all caused by dry joints T901
Hitachi	G7PSMK2	Dead - HT at 145v.	R909 high.
Hitachi	G7PSMK2	Dead - HT low 45v.	Change C910 , C914 , C916 , C929
Hitachi	G7PSMK2	Int frame collapse.	Drys on frame IC & LOPT.
Hitachi	G7PSMK2	Standby only.	R902 (82k) o/c.
Hitachi	G8Q	blank raster - no chan display	odd dashes pesent when buttons pressed. No 5v supply- D934 in chopper psu s/c & R933 2R0 u/s
Hitachi	G8Q	Blank raster & no sound - stuck in AV mode	IC1501 micro faulty - pin 37 was being held low perm (should be low only when in AV mode)
Hitachi	G8Q	Blank raster, can't tune chans & front controls operate different functions	Reprog memory chip IC502
Hitachi	G8Q	Blank raster/no sound/tuning/front display distorted	Micro reqs reprog - see separate article
Hitachi	G8Q	BLANK SCREEN + NO SOUND ONLY CERTAIN CHANNELS	SELECT BLANK CHANNELS PRESS TUNE/AFC VOL - STORE THEN DO THE SAME ON OTHER CHANNELS THEN PRESS TUNE/AFC
Hitachi	G8Q	Bright white pic with no sound	IC952 12v reg o/p down to 9.5v - reg u/s

Hitachi	G8Q	Bright white raster	C720 4μ7 in RGB supply o/c
Hitachi	G8Q	Bright white screen	Dry joint C711 due to pressing on back cover
Hitachi	G8Q	Buzz on sound	IC201 TA8691N chip reqs replacement
Hitachi	G8Q	Buzz on sound even with vol right down	TA8691N - ord code 19869A WVE
Hitachi	G8Q	Channel tuning problems	IC1502 MDA2062 memory chip
Hitachi	G8Q	Dark pic	A1 control (part of LOPTx) faulty, R881 470k high or C881 10nf leaky
Hitachi	G8Q	dead	ZD901 27v zener s/c
Hitachi	G8Q	Dead	No activity around SAA1293H control chip - X1501 4Mhz Xtal faulty
Hitachi	G8Q	Dead	RU2M 20v supply rect s/c & LA4270 audio o/p chip blown
Hitachi	G8Q	dead - comes on eventually if on/off sw held in	volts across C908 gradually increases - TH902 thermistor hi res (approx 2M) remove & clean or replace (better)
Hitachi	G8Q	Dead - fuse FS901 o/c.	Drys T901 , check Q902 , ZD901 , OC941 , ZD941 , Q941/2 , D905
Hitachi	G8Q	Dead - fuse o/c.	Change all transistors/diodes in PSU.
Hitachi	G8Q	Dead - fuse shattered	Degaussing therm, Q902 s/c, ZD901 27v zener s/c, D903 IC901 UC3844 chopper chip sus & ZD902
Hitachi	G8Q	Dead - HT present - no line drive	St/by line from micro 3.5v (should be 8-12v on , 0v in st/by) D1504 1N4148 in st/by cct faulty
Hitachi	G8Q	Dead - intermittently.	Drys on T901 , D933 or LOPTX.
Hitachi	G8Q	Dead - no line drive	Timebase chip TDA2579 faulty - no line drive o/p at pin 11
Hitachi	G8Q	Dead - no PSU operation	D907 BYV10-40 s/c also check UC3844 & Q901/2
Hitachi	G8Q	Dead - went off with abang	TH902, also check Q901, Q902, ZD901, ZD903, D905, D907, D908 IC901, C908 , R910 & check print
Hitachi	G8Q	Dead after smoking	C715 in E-W cct dry joints
Hitachi	G8Q	Dead apart from chan no.	12v supply only 5v - C933 2200μ 25v
Hitachi	G8Q	Dead apart from tripping	Txt panel dis'd & trip stops - C933
Hitachi	G8Q	Dead- fuse blackened	Check TH902 thermistor
Hitachi	G8Q	Dead or int start up/off	Start up therm TH902 o/c
Hitachi	G8Q	Dead with blackened mains fuse	Melted PVC tape from degaussing coils touching audio amps heatsink
Hitachi	G8Q	DEAD WITH LINE DRIVER TURNED FULLY ON AND LED NOT	CHECK AROUND IC1502 (SAA1293) FOR ACTIVITY if none replace X1501 crystal
Hitachi	G8Q	Diagonal bands of interference - esp in Txt	C932 470μ 16v
Hitachi	G8Q	Display corrupt	Check Q1502/3/4/5 - Q1505 was leaky BC548
Hitachi	G8Q	EEPROM keeps becoming corrupted	Deguassing positor int arcing
Hitachi	G8Q	excess brill / fb lines	200v video supply missing - R720 2R0 o/c
Hitachi	G8Q	EXCESSIVE WIDTH - NO E/W COECTION	D705 , C714 BYW96D AND 27nf
Hitachi	G8Q	Field collapse	No supply to IC601 FOP chip - R715 1R fusible o/c & chip u/s
Hitachi	G8Q	horizontal lines appear when set is warm	Tuner goes thermally defective
Hitachi	G8Q	Horizontal lines when warmed up	tuner thermally defective
Hitachi	G8Q	HT high at 165v & won't adjust	ZD941 ref diode BZV10 leaky
Hitachi	G8Q	Int blank screen/snowy/flickering	Ripple on 12v line caused by C932 1000μ corrupting micro
Hitachi	G8Q	Int comes on into standby from cold.	Thermister TH902.
Hitachi	G8Q	Int corruption of stored data - all sigs lost & reverts to chan 0	5v supply to txt pcb int lost - coil on back of board in supply from 8v reg IC001 line was dry jointed
Hitachi	G8Q	Int Crackle on sound	Replace C1522 (1nF) C460 (100nF) C454 (22nF) C453 (22nF)
Hitachi	G8Q	INT CUTTING OUT AFTER REPAIR TO POWER SUPP.	CHANGE R910 , C908 , VR901. SET POT TO 12 OCLOCK *****DISCHARGE C906 BEFORE ANY WORK*****
Hitachi	G8Q	Int fails to start.	TH902 THERMISTOR
Hitachi	G8Q	Int loss of green	RGB o/p tr BF459 faulty - can use BF462 in lieu
Hitachi	G8Q	Int st/by	R718 51k hi res replaced - triggering crowbar thy
Hitachi	G8Q	Int to start up	TH902
Hitachi	G8Q	Int trip	R910 5R increased res - could be IC1501 micro
Hitachi	G8Q	Lack of sync	Q2110 BC548B on txt pcb
Hitachi	G8Q	Line hold lost	IC431 M51551P on IF panel
Hitachi	G8Q	Memory lost	Check for 3v at IC1502 MDA2062 memory chip & R1519 27k 1w
Hitachi	G8Q	Narrow & Pic shift to right with weak sync	TDA2579A & check R725 470k
Hitachi	G8Q	no eht & 12vsupply only 5v	C933 2200μ 25v leaky
Hitachi	G8Q	No or only part of display shows	Check IC1501 SAA1293H by subst - if only part of display showing check R15060R1513 100R
Hitachi	G8Q	No OSD	R008 470k o/c or dry jointed
Hitachi	G8Q	No raster - field collapse	Check pin 9 IC601 if low (should be 9v) check R715 1R for o/c
Hitachi	G8Q	NO SOUND	D701 (1N4148) , TDA2579.
Hitachi	G8Q	No sound	D701 1N4148 & TDA2579 timebase chip
Hitachi	G8Q	NO SOUND INT GOES TO STBY	IC1501 MICRO u/s.
Hitachi	G8Q	NO SOUND OP STAGE OK	D401 IN IF CAN OC
Hitachi	G8Q	NO SOUND PICTURE GOES WHITE	IC952 12v REG US
Hitachi	G8Q	No sound/pic - blank raster when A1 increased	Dry joint connection to sleeved wire that links 8v supply to IC001 5v reg
Hitachi	G8Q	No sound/pic - psu working ok	No 12v supply as reg was u/s
Hitachi	G8Q	No start up - st/by only	R903 82k o/c
Hitachi	G8Q	No startup - sounds like faulty BU.	C85 s/c.
Hitachi	G8Q	No sync	Q2110 BC548B on txt panel
Hitachi	G8Q	No text	Check programming
Hitachi	G8Q	No text - VERY weak text in mix + poor osd	TDA3562A us
Hitachi	G8Q	No tuning	R1534 39k hi res
Hitachi	G8Q	off	No volts pin 7 IC901 TH902 o/c & ZD901 s/c
Hitachi	G8Q	off - ht present	no line drive - IC701 pin 10 only 4v (12v) C933 2200μ also C932 470μ 16v & C934 220μ 16v
Hitachi	G8Q	Outline & shimmers	IC201 in IF panel
Hitachi	G8Q	Pic goes red & green aft 20 mins	TDA3562 col dec chip



Hitachi	G8Q	Pic obliterated by lines until heated	C720 4μ7 250v
Hitachi	G8Q	Picture blanks out when using VCR pic Search	Remove Q1507 & fit 2 x IN4148 1st between R1520 & Emitter Q1507 2nd between R1521 & emitter Q1507 Cathodes to emitter
Hitachi	G8Q	POOR CONTRAST	CHANGE R10 FROM 1Kohm TO 10Kohm
Hitachi	G8Q	Power supply shutting down.	Q941.
Hitachi	G8Q	psu blown	replace D906 1N4148, D907 BYV10, IC901 UC3844, Q901 SGSP222, Q902 SGSIF344, R910 0R5 7W, TH902, ZD902 ZTE2S1, ZD901 BZX79C & check mains bridge rect and small electrolytics
Hitachi	G8Q	Repeated failure of FOP chip TDA3654	dry joint scan coil tag & replace cap pin 6 of chip - 47 or 100μ
Hitachi	G8Q	Severe tuning drift	R1501 high / oc 100k or may be 22k
Hitachi	G8Q	Slow start up with tearing	C933 2200μ 25v in 12v supply o/c
Hitachi	G8Q	St/by only	It is normal for front controls not to bring set out of st/by - check hset is working!
Hitachi	G8Q	Startup - slow start up.	TH902 should read 4k when cold.
Hitachi	G8Q	Stuck in AV mode	IC501 micro
Hitachi	G8Q	Stuck in AV mode.	R1569 (10k) , IC501
Hitachi	G8Q	Tripping	Try loading 145v HT line from bulb, could be TDA2579A IC701 tb chip. If still no go, lift R713 connected to pin 16 (trip) of IC701. If now ok then Xtal X1501 or EEPROM IC1502 could be cause
Hitachi	G8Q	Tripping	C908 220μ fallen slightly in value
Hitachi	G8Q	Trips	Pin 2 IC901 incorrect at zero (2.3v). Crack at pin 3 Chopper tfmr
Hitachi	G8Q	Trips at sw on	C906 220μ 385v mains smoother
Hitachi	G8Q	Tuner drift	R001 47k, C001 100nf next to tuner
Hitachi	G8Q	Tuning - drift.	IC1503 (ZTK33B)
Hitachi	G8Q	Tuning - looks off tune - shimmering outline.	IC201 on IF PCB.
Hitachi	G8Q	Txt - very weak & shows only in mix mode	TDA3562 col dec chip
Hitachi	G8Q	Txt displays P100 and no other txt activity	Clean & check for dry joints Txt panel
Hitachi	G8Q	VERY FAINT AUDIO IN STANDBY	THIS IS NORMAL-SAY Hitachi
Hitachi	G8Q	Weak sync - esp on chan change	R932 0R2 safety res in 12v feed hi res
Hitachi	G8Q	Width excessive & no E-W corr	D705 BYW96D goes s/c & causes IC651 TEA2031A demise - also check C714 27nf
Hitachi	G8Q/P	No pic or sound, blank raster with corrupted OSD	C932 1000μ 16v in 8v supply o/c
Hitachi	G8QP	Complete failure	Check for cracks in print around Chopper TX
Hitachi	G8QP	DEAD , ONLY HT (110v) BOTH 8v AND 12v LINES LOW	CHECK C933 2200mfd ON 12v
Hitachi	G8QP	HIGH BRILL AT SWITCH ON MAY RECOVER WHEN WARM	C 720 4.7mfd 250v
Hitachi	G8QP	LINE ACROSS SCREEN	R715 (1R0) HIGH
Hitachi	G8QP	SOUND NO PICTURE , NO LINE DRIVE AT PIN 11 TDA 257	TDA2579 US

Note this is information should only be used by a qualified technician.



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