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Hitachi Section 2



Home	HITACHI	C2564N	FRAME COLLAPSE	REPLACE FRAME IC AND C604 IC**TDA8178, 100MFD63V
Up	Hitachi	C2564N	FRAME COLLAPSE	REPLACE FRAME IC AND C604
What's New	Hitachi	C2564TN	Dead - s/c lop tr &/or e/w mod diode	Check L651 e/w coil for drys also L650 & Q651/652
Search	HITACHI	C2564TN	INT EXCESSIVE WIDTH SEEMS LIKE A DRY JOINT	REPLACE Q752
Index of Web Site	Hitachi	C2564TN	INT EXCESSIVE WIDTH SEEMS LIKE A DRY JOINT	REPLACE Q752
Members Page	Hitachi	C2564TN	lack of height, cramp & int field collapse	dry joints IC601 TDA8178 also pin 2 low volts (16 instead of 27v) R609 1R hi res
Radio Links 1				
Radio Links 2	Hitachi	C2564TN G100	Tripping	Dis plug PL702 & connect bulb between plugs orange lead & chassis to check psu. HT should be 140v. If ok check lop stage - D704 BY228 & dry joints L650
Radio Rallies	Hitachi	C2565TN	Int shut down caused by high HT	Change R952 68k in psu to reduce HT to normal 144v
T.V Fault Database	Hitachi	C2565TN	No pic with flyback lines	IC1410 faulty
U.K Band Plans	Hitachi	C2565TN	SET SHUTS DOWN INT. ON LOSS OF LINE SYNC OR IF VCR	HT TOO HIGH (NOT 144v) R952 68k HIGH
Welsh Links				
	Hitachi	C2565TN, C2574TN	Trips under certain pic conditions & on VCR playback	R952 68k, R953 82k, R954 8k2 & check for dry joints

	etc		
Hitachi	C2573TN	Int shut down	Mains smoothing cap int o/c
Hitachi	C2574TN	Bouncing pic with lines aft ½ hr	LA7838 filed ic & 2 x elect caps in vert o/p cct
Hitachi	C2574TN	EW IC IC751 and D706 failed.	R610 dry - on signal panel
Hitachi	C2574TN	Faint purple band thro' pic	Ringing in chroma delay line - delay line faulty
HITACHI	C2574TN/2874TN	SET SHUTS DOWN WITH ONLY NICAM LIGHTS ON	REPLACE R952, R953 AND R954 IN POWER SUPPLY 68K, 82K AND 8.2K
Hitachi	C2574TN/2874TN	SET SHUTS DOWN WITH ONLY NICAM LIGHTS ON	REPLACE R952, R953 AND R954 IN POWER SUPPLY
Hitachi	C2574TNY	Bouncing pic when heated	R952 68k hi res
Hitachi	C2576TN	St/by only - stuck in prot mode	volts Q958 gate 0.7v = prot mode. Link out C932 to disable. Audio o/p chip IC4500 split & faulty
Hitachi	C25P759	Dead or Int dead	Check C524 C525 C527 C528 C531 C614 C617 for D/J also TR130 IC130 IC140 & around Combi TX
Hitachi	C25P-818	Blank white screen	C922 470μ 25v hi esr near psu
Hitachi	C2808	Int lh chan sound	C420 470μ spkr coupling cap o/c
Hitachi	C28300	No luminance when switched on after being left in st/by for a while	SAA4981 IC1300 on 16:9 sub panel
Hitachi	C28300,C2576TN etc A5 chassis	Field lin & lines at top of pic	C725 33nF 400v
Hitachi	C28300,C2576TN etc A5 chassis	Int trips & lines	C719 4μ7 250v smoothing cap for 200v in E-W corr & check joints T702 (under plastic strut) & R950 68k near HT pot
Hitachi	C28300,C2576TN etc A5 chassis	Red pic with fb lines	R829 fusible on crt base o/c (not shown on cct diag)
Hitachi	C2846	Field collapse	IC601 (TA8427K) + 26v rail supply R710 (2R0 safety)
Hitachi	C2846TN	Field - lines at top of pic	TA8427K field chip
Hitachi	C2846TN	Model no displayed (factory mode)	Press both rec buttons on hset, sw to st/by & then sw off at mains. Wait 30secs b4 sw back on.
HITACHI	C2846TN	MODEL OF TV DISPLAYED ON SCREEN	PRESS BOTH RECORD BUTTONS ON REMOTE SWITCH TO STANDBY THEN SWITCH OFF AT SET WAIT 30SECS THEN SWITCH BACK ON
Hitachi	C2846TN	MODEL OF TV DISPLAYED ON SCREEN	PRESS BOTH RECORD BUTTONS ON REMOTE SWITCH TO STANDBY THEN SWITCH OFF AT SET WAIT 30SECS THEN SWITCH BACK ON
Hitachi	C2846TN	No sound (AV sound ok)	IC002 24C04 memory chip
Hitachi	C2846TN	Removing Code "C46TN" from screen	TV in factory set up mode - Using RCU, press two VCR REC buttons together. The MENU will appear, then switch to standby. Turn appliance back

			on and prompt should have disappeared.
Hitachi	C2846TN	Shuts down int for first half hour	Dry joints esp at R719/R718
Hitachi	C2846TN	St/by only	IC952 dry joints
Hitachi	C2848TN	Dead	Check 138v HT if hi check R950-2, Q703 gate = 3-4v (trip mode) Check for dry joints on R719 or lcs 950, 951,952
Hitachi	C2848TN	In factory set up mode - C***48TN-311 displayed	Remove R/C flap & press tuning button. Then press Menu button & go to st/by
Hitachi	C2848TN	No sound - sound psu tripping	Still trips with both audio o/p chips dis'd - D9112 s/c
Hitachi	C2848TN	no tuning or hi vol setting (hotel mode)	depress vol+/- whilst sw on. Press 2 vcr buttons on r/c. Check for "H" in lower right of menu. If pesent, delete using - /-- button.
Hitachi	C2858TN	dead int for a few secs at a time	VR941 2k2, R941 100k - adj HT to 157v
Hitachi	C2858TN	Int dead between 1 & 3 secs	Replace VR941 2k2, R941 100k, and set HT to 157v
Hitachi	C2862TN	NO EW AND LOW WIDTH	CH09 150nF OC
Hitachi	C2864TN	Slow tripping/partial field coll/blank raster/no sound	R609 1R fusible o/c - also replaced TDA8178 Field o/p IC as a precaution
Hitachi	C2864TNX	Dead aft EHT rustle & led single blink at sw on	HT checked on dummy load at 170v (149v). Int set HT pot VR930; R509 1R 1/2w safety res by LOPTx o/c; IC800 RGB o/p chip & C821 4μ7 250v faulty also.
Hitachi	C2864TNZ	Slow or no start up	C909 470μ 25v
Hitachi	C2874TH	Rolling pic when warm	FOP stage supply 4v high at 29v. R952 68k in HT sampling circuit hi res
Hitachi	C2874TN	Field collapse - IC601 failed	Check dry joints Q601/2/3 & R610. Also E-W chip & 10R safety res not marked on cct connected between L752 & diodes D707/6
Hitachi	C2874TN	Field o/p chip IC601 LA7838 fails	Check dry joints Q601/2/3 & R610 etc. Check IC751 (e/w corr) in psu
Hitachi	C2874TN	Int E-W	R751 across C758 on comp side of pcb not soldered
Hitachi	C28P745VT Salora	Field distortion when heated	Flyback boost diode D571 leaky
Hitachi	C28P759	NO PICTURE SMELLS OF BURNING	C525 DRY 2u2 100v , IF NO EW ORDER BS208 MOD KIT FROM WVE
Hitachi	C28P759	No picture with burning smell	C525 2μ2 100v dry joint & burning - replaced
Hitachi	C28P759	Width excessive	TB526 BS208 EW driver s/c
Hitachi	C28P819	Dead	MAINS SMOOTHING CAP 150uF 400v
Hitachi	C28WD2TN	dotted vertical contours of pic features	C875 22μ 250v dry jointed
Hitachi	C28WD2TN	Int start up then shuts down 2 secs aft start up with greenish pic	R809 560R ½w burnt out, Q814 BF422 leaky
Hitachi	C2964TN	No E-W & excess width	IC601 TDA8350Q
Hitachi	C2976TN	Dead - went off with a bang	Quietly ticking noticed - mains smoothing cap 200μ 400v o/c
Hitachi	C2976TN	Int flyback lines on dark scenes	CRT int bad con on A1 electrode

Hitachi	C2976TN	Pic shifted laterally with ragged verts & arcing sound	TDA8350Q
Hitachi	C2976TN	To remove version no. from screen	Press ESC on the handset to display the service mode menu Press Standby Power back on whilst holding Vol+ and Vol- Without following the first two steps the procedure did not work
Hitachi	C2976TN	To remove version no. from screen	Press ESC on the handset to display the service mode menu Press Standby Power back on whilst holding Vol+ and Vol- Without following the first two steps the procedure did not work
Hitachi	C8Q	Ballooning pic on hi brightness	HT varies between 140-160v - R941 100k ½w hi res
Hitachi	CL1709	Does not start up. Overvoltage protection circuit active.	Check replace R951/39K R953/47K and D952 Zener.
Hitachi	CL1709	Does not start up. Overvoltage protection circuit active.	Check replace R951/39K R953/47K and D952 Zener.
Hitachi	CL2114	Goes to stby immediately after switch on. +B with no load is 130V. Should be 115.	Resistor 39K near +B adjustment pot has gone high to 48K. To troubleshoot, overvoltage thyristor near to LOPT may be pulled off the chassis. However be cautious with overvoltages!
Hitachi	CL2114	Goes to stby immediately after switch on. +B with no load is 130V. Should be 115.	Resistor 39K near +B adjustment pot has gone high to 48K. To troubleshoot, overvoltage thyristor near to LOPT may be pulled off the chassis. However be cautious with overvoltages!
Hitachi	CL2524R	Dead	Replace LOPT _r BU2508AF, check R951, 952, 953, 954 & Q703 thy
Hitachi	CL2524R	Lack of height with no adj	TDA8362
Hitachi	CL2864TA	Dead except for flasing red led	D704 BY228 on lop sub panel s/c
Hitachi	CL2864TA	Hum on sound with pic instability	Replace C916, C942 & C957 in psu
Hitachi	CMT1459	Won't start.	D761 located near LOPT Sced.
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Hitachi	CMT2700	loss of field sync	10µ cap on NTSC subpanel
Hitachi	CNP192	Colour intermittent.	TR25 (2SA673)
Hitachi	CNP192	Dist sound when heated	Audio o/p tr 2SC685A on power panel
Hitachi	CNP192	Picture shifted to side.	C707 , R709 , C711 , C736.
Hitachi	CNP300	Col unlocked	TA7193(A)P decoder chip
Hitachi	CP2546TA	St/by only	smpls ok, gate of thyr not triggered & pin 17 IC001 hi. Should be hi then lo, to switch the 8, 12 and 5volts regulators on - dig tr DTC 144 leaky- holding pin 17 hi
Hitachi	CPT1455	chan display only	Q902
Hitachi	CPT1556 Salora L	NO LUMINANCE	LUMINANCE DELAY LINE OC
Hitachi	CPT1558	Keyboard operation int	RD54 820k between base/emitt TD12 near keypad ribbon cable

Hitachi	CPT1646R	Chan ind only	FS901 o/c
Hitachi	CPT1646R	No tuning memory	reprogram memory ic
Hitachi	CPT2050	Red chroma only - no G, B or lum	470k in A1 pot divider o/c
Hitachi	CPT2050 SalJ	Frame - height erratic - going pink/green.	IC TDA2653 frame IC.
Hitachi	CPT2060 SalJ	Dead.	Diac DB725 (BR100) s/c , CB726 & CB712 (4.7ufs)
Hitachi	CPT2064	Dead - blown fuse F901.	IC901 (STR440) , Q781 (2SD898B) s/c.
Hitachi	CPT2064	No remote operation.	Checks ok on detector , IC3003 (M58485P) in Tv set.
Hitachi	CPT2064	R/C inoperative	IC3003 M58485P
Hitachi	CPT2080	Field collapse - int	FOP Tr Q651 2SD401A - also check its partner Q651 2SD401A
Hitachi	CPT2082	Int buzz on sound	Bad connection on plug PL401 in audio sect
Hitachi	CPT2088	Long time to come on, no front display, poor tuning with grainy pic, lack of height	Check electrolytics in HT, 14v, 12v & 25v line
Hitachi	CPT210	Bright raster esp on rh side with smearing	200v supply to crt pcb low due to C719 4μ7 250v o/c
Hitachi	CPT2158	blank raster & max sound	No 5v to micro - D911 dry joint
Hitachi	CPT2158 NP85CQMk2	Poor pic - dark & streaky	ZD801 3v3 zener on crt base leaky
Hitachi	CPT2188	Int failure to start	C604 1000μ o/c
Hitachi	CPT2188	No display or tuning	CC107 220μ 16v by SAA1294 control chip
Hitachi	CPT2188 IPSALO	INT WON'T START	C604 1000uF 25v
Hitachi	CPT2188 IPSALO	LINE TEARING + INT BLUE SCREEN	PIN 13 ICB500 SHOULD BE 11v IF NOT REPLACE TDA 2579
Hitachi	CPT2198	Blank white raster	C720 in RGB 200v supply
HITACHI	CPT2218	FIELD CRAMPING	REPLACE C608 22MFD250V
Hitachi	CPT2218	FIELD CRAMPING	REPLACE C608 22MFD250V
Hitachi	CPT2250 J	No startup.	R712.
Hitachi	CPT2282	Dead aft degaussing therm blown	Replace mains fuse & thermistor (P181 from CHS works) - won't work without this dual role therm
Hitachi	CPT2288DS	St/by only	No o/p from sw mode PSU as LL04 coil o/c
Hitachi	CPT2288DS	Standby - LED on - dead.	LL04 o/c - may be able to unwind & refit.
Hitachi	CPT2476	Int power off	Focus spark gap dirty & int arcing
Hitachi	CPT2488	Blanked out pic apart from strip at top & bottom - improves with heat	C574 100μ 40v in field timebase
Hitachi	CPT2488 Sal k	BLANKED OUT PIC EXCEPT FOR TOP AND BOTTOM OF SCR	C574 100mfd , 40v

Hitachi	CPT2488 Sal K	DEAD NO/LOW START UP 8.5v ON PIN 8 LF0059	TRY DIAC OR TB541 BC557
Hitachi	CPT2508	Dead	Q901,IC901,R901,ZD901 4v7,D904,R913,C928 and C919. Also there was blown print between D904 and ZD901.
Hitachi	CPT2508	Dead - Field coupling cap C610 100μ 25v exploded	Low res across 152v line due to s/c between field & line scan coils
Hitachi	CPT2508	Tripping	Replace C910 & 916 33μ 10v; C919 4n7 2kv; C927 2n2 2kv. Change C914 to 10μ, check C909 150μ 400v, R919, R920, R931 & R932
HITACHI	CPT2589	FRAME COLLAPSE	REPLACE R715 AND IC601
Hitachi	CPT2589	FRAME COLLAPSE	REPLACE R715 AND IC601
Hitachi	CPT2598	Field coll	R715 1R safety res, TDA3654 fop chip, D601
Hitachi	CPT2598	No colour - ok on Txt	Chroma delay line
Hitachi	CPT2598	Wavering picture with colour dropout which would randomly blank out to a blue screen in short bursts. Occasionally there would be no sound or vision at switch-on and only the channel change working.	Replace C933 (2,200uF 25V) whose ESR had risen to 27 and C932 (470uF 16V) whose ESR had risen to 48. These two capacitors sit next to each other between the delay line and a heat sink. They were replaced with high temperature types.
Hitachi	CPT2650 Sal J	Startup - Long time for picture to come on.	Incorrect grey-scale setting.
Hitachi	CPT2655	Dead supply line low	D508 in line stage
Hitachi	CPT2656	Bottom cramp - int	Preset RTB573 470R
Hitachi	CPT2656	Dead - supply lines low & chirp at sw off	D508 BY228 in lop leaky
Hitachi	CPT2656	To tune in chans 1 -4	Enter service mode & sw off bit 0 - the little dot
Hitachi	CPT2656 Sal J	Bottom cramp - top widened out.	Linearity pot RTB573 (470R)
Hitachi	CPT2656 Sal L	BLANK RASTER , NO SOUND . TDA4505 us . MAY HAVE TO	, RB135 TO 470K , RB122 AND 123 TO 220K , RB110 TO 1.5M , CB130 TO 33pf , RB128 AND RB587 TO 3.3K. IF NO COLOUR AND LINE TWITCHI
Hitachi	CPT2656 Sal L	Dead	300v ACROSS C707 BUT NO S2000AF COLL VOLTS R707 22ohm o/c T701 s/c
Hitachi	CPT2656 Sal L	INT BOTTOM PART OF PICTURE DISAPPEARS	RTB573 470R PRESET INT OC
Hitachi	CPT2656 Sal L	Int Negative pic	Check jumper links on Text PCB J33
Hitachi	CPT2660 Sal J	HIGH BRIGHTNESS AFTER FEW MINUTES	DRY JOINT METAL SCREEN CAN
Hitachi	CPT2808	Search tuning does not stop	R936 10k hi res

Hitachi	CPT2888	NO PICTURE , SOUND BUZZES FOR 10 - 30mins THEN OK	CP37 U1 7v RESERVOIR OC
Hitachi	CPT5908	Dead or Int dead	Check C524 C525 C527 C528 C531 C614 C617 for D/J also TR130 IC130 IC140 & around Combi TX
Hitachi	CPT6608	Dead or Int dead	Check C524 C525 C527 C528 C531 C614 C617 for D/J also TR130 IC130 IC140 & around Combi TX
Hitachi	CS2552TA	no cold start	C622 470μ 16v
Hitachi	CT1709	No sigs or tuning	No VT supply - ZD002 33v zener faulty & 12k feed res o/c
Hitachi	CT2114TE	Int goes to st/by with HT present & fop ok	Also int txt corrupt & 9v start up - SAA5296P/015 μ faulty
Hitachi	CTP2568	Int failed to come out of st/by	1.2v memory battery on mains l/p panel
Hitachi	G10Q	CRACKLING FROM SPKRS	IC4010 INT OC
Hitachi	G10Q	Dead apart from tripping squeal	E-W coil L650 dry joint, F902 o/c & D704 leaky
Hitachi	G10Q	Dead except for flashing st/by light	No 330v at chopper tr as link FB910 dry joints (hidden under glue) - also check FB911
Hitachi	G10Q	DEAD STBY LIGHT PULSING	LINK FB910 & 911 DRY UNDERNEATH GLUE
Hitachi	G10Q	FAINT PURPLE BAND SHOWING ON DARK SCENES	DL50 DELAY LINE Pt No 2164051
Hitachi	G10Q	Field collapse	Check C604 100μ 63v, R609 1R fusible & IC601 TDA8178 - use correct type or you may get lines at top of pic
Hitachi	G10Q	No Txt apart from page number display	Adj data capture window in service mode
Hitachi	G10Q	OSG corrupt & int loss of tuning	Micro IC001 faulty - when upgrading micro, mods must be done
Hitachi	G10Q	Poor start or st/by only	Dry joints IC952 (under plastic rail)
Hitachi	G10Q	St/by LED pulsing	OPTO1 CNX82 part no T548009
Hitachi	G10Q	To enter Service Mode	Press Vol + & - together whilst sw on from mains. Press the 2 VCR Rec buttons on hset together twice - 'Tube' now displayed
Hitachi	G10Q	Tripping	Check F902 630mA fuse on LOP panel & dry joints & IC80 heatsink on crt base
Hitachi	G10Q	Tripping	Check audio pcb by disconnecting it
Hitachi	G10Q	trips until heated	C927 470μ & dry joints 12v reg IC921
Hitachi	G10Q	trips until heated	ZD945 BZV10 - normally reads o/c both ways

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

Hosting

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