

			Done at the audio module.
Philips	L6.2	A 50 Hz hum is audible in the loudspeaker at min volume	1. Check the index number of the audio module (number in white at the right side of Is connector 0071, copper side). If the number is 8211 014 1038 4(!): check if there is a capacitor between pin 1 and 2 of ic7205
Philips	L6.2	Autosearch does not stop on all video carriers.	The reason is a too high scanning speed; Connect 1Mohm + 22nF between R3603/R3604 and R3619/R3662 in circuit diagram A4.(R3619/R3662 is in circuit diagram A4: A2-15; this point is also connected with wirestrap 9126 of diagram A2.)
Philips	L6.2	Bad focus or focus varies in a new set or after CRT replacement	Possible solution: Short circuit the focus and the G2 pins of the picture tube with the aquadag coating. Switch the set on for approximately 5 seconds. After this return the set to its original condition. Check if the focus adjusted normally. If not repla
Philips	L6.2	Blows LOPTr & sometime L dr tr when put into st/by	In st/by a jagged pic is seen with squealing - check R3100 in base T7103 & Tr itself
Philips	L6.2	Correction to styling 182 of Product Survey 1997-4 (4822 727 21584)	The code number mentioned at position 10 of styling 182 is of the 3-fold control frame (4822 464 10326).
Philips	L6.2	Dead - LOPTr Tr7906 runs hot & fails (piv OK)	The code number for the 4-fold control frame is 3111 254 24531.
Philips	L6.2	Dead - off with bang	L5420 in line drive cct o/c
Philips	L6.2	Dead - repeatedly blows LOPTr	Fit PSU kit ES7062 , opto 7420 & L5420 - check for dry joints on R3513 330k
Philips	L6.2	Dead apart from buzz from psu	Caused by T7421 BC368 line dr tr - MUST use orig Philips replacement or problem will reoccur (according to Jim!)
Philips	L6.2	Dead with faint whistle - LED lit	F1502 o/c, D6503 BYD33D s/c, no line drive now, opto IC7420 u/s
Philips	L6.2	Dead with faint whistle - no LED	F1502 63mA in PSU sec o/c
Philips	L6.2	Destruction of T7906 and Coil L5420.	Tr7505 BC337-40
Philips	L6.2	Hum, or sound varying depending from picture contents	Replace T7906 (=4822 130 10864) and Coil L5420 (=4822 157 50965) also replace D6108 from 6V8 to 7V5 (=4822 130 30861). In case of repetitive failure check/replace line transformer 5422 (4822 140 10623) - test insulation between primary and s
Philips	L6.2	Int functs & tuning loss	In sets with a modified antiplop circuit, a capacitor 47uf is mounted between pin 1,7 and 6 IC7205. In that case check if R3206 (4k7) and R3217 (22k) have the correct values and not reverse.
Philips	L6.2	Int narrow raster with squee	5v supply to micro low; 7505 BC548B leaky
Philips	L6.2	Int various - pic size, no sound & ofi	BC338-40 in 5/9v supply
Philips	L6.2	Lack of width/ E/W dist after fitting repair kit	R3509 47k in psu o/c
Philips	L6.2	Line transistor T7906 on deflection module (repeated) defective.	TR7908 STP4NA40F1 s/c between gate and source junctions
Philips	L6.2	Loss of picture carrier or frequency drift	Before replacement of T7906 (4822 130 10864) also check L5420 for damage or interruption (take care there is R3424, 47E parallel).
Philips	L6.2	No E/W or width control	Codenumbr L5420, 4822 157 50965. Check if D6108 is BZX79-C7V5, otherwise replace it by that value, codenr. 4822 130 30861.
Philips	L6.2	No more deflection because 25 Volt missing on 110 degrees module.	Change R3420 (see diagram A1) from 12k to 18K (service code 4822 116 52251)
Philips	L6.2	No more deflection or E/W failure in 110 degrees module	C2915 390n
Philips	L6.2	No picture. Storing presets not possible. Very slow control with R.C.	Change on 110 degrees module D6907 to BYV27-400; service codenumbr 4822 130 70055. : teletext version only !
Philips	L6.2	No Teletext if set is switched on from standby position	Change D6906 to BY278-20; service code number 4822 130 11369. Only for 110 degrees module
Philips	L6.2	No TXT. No wide screen. All options are "N".	Check MSP3400 (IC 7221 on audio module)
Philips	L6.2	One horizontal line after warmup.	Check and replace if necessary the components C2604, C2606 and R3633.
Philips	L6.2	Only hor. line in middle of picture. No vert.deflection.	REMARKS : The tolerances of above components can be out of range.
Philips	L6.2	Only horizontal bar.	Check soldering of pin 6 (SCL signal) on connector 065 audio module. Resolder all the pins on this connector.
			Check on 110 degr. Module D6906 for short circuit. If D6906 is short-circuited, also check other components around D6906. D6906 (BY228; 4822 130 41275). T7908 (ST4NA40F1; 4822 130 63725).
			Check/replace capacitor C2136 (100nF)
			Bent top of R3908 away from spring of T7904.

			1) check on 110 degr. module if 25V is present on C2916. If not present, probably D6907 is in short circuit and/or R3928 open. Change D6907 into BYV27-400 codenumber 4822 130 70055. R3928, 1 Ohm, codenr. 4822 052 11108.
Philips	L6.2	Only horizontal line, no vertical deflection.	2) check if R3908 does n
Philips	L6.2	Only horizontal white stripe on screen. No vertical deflection	Check T7904, T7905 and R3908 on deflection module.
			Check +150, this has to be around 150V. 145V is too low and then there is no 5V for the microprocessor. Check R3509 and D6501 Replace R3509 by 47k 1 Watt version (4822 053 10473)
Philips	L6.2	Only standby LED on, no high tension	D6501 is BZX79B5V6 (4822 130 34173)
Philips	L6.2	remote & local controls would lock up after the set had been on for 30 minutes	Change T7505 and T7500. The BC337 should be a /25 or /40 version. They are in the 5 volts supply to the uP.
Philips	L6.2	Set does not start up if mainsvoltage is below 210 Volts.	Change resistor R3509 in circuit diagram A1 from 47K 0.5 W to 47K 1W.
			Service codenumber 47K 1 Watt: 4822 053 10473.
Philips	L6.2	Set switches to STEREO during MONO transmission	Check and replace if necessary IC7221 on the Nicam module by the MSP3410-D (4822 209 15832).
Philips	L6.2	Set totally inoperative. Squeaking sound.	Check C2915 on deflection module.
Philips	L6.2	Sometimes loud noise out of speakers	Check memory IC7605.
Philips	L6.2	St/by light glows dimly only	fuse 1502 630mA o/c, then no field scan, 3928 1R res o/c, then bright raster due to no 160v line, R3429 2R2 fusible from LOPTx o/c
Philips	L6.2	The set does not work anymore after switching it into the standby mode	Replace the line output transistor 7906. Also replace the line output driver transistor 7421 by type BC368-25 (use only a Philips version) The service code of BC368-25 is 933869720112.
Philips	L6.2	Width control inop	TR7908 STP4NA40F1 s/c between gate & source
Philips	L6.2	Width/ E/W dist	C2915 390nF o/c
Philips	L6.2	noise on one channel or stereo indication on mono transmission	replace IC7353 MSP3400C (482220913099)
Philips	L6.2	dead, chopper Tr s/c	R3524 22R gone high
Philips	21PT1653	Int dead apart from buzz or lines/disturbance	Transistor 7501 BF487
Philips	L6.2	Line & pulling moving up or down pic	7501 BF487 in power supply.
			C2912 2n2 2kv split but no pic with buzzing when replaced - works on 200v ac - check R3514/5 1R
Philips	25PT4103	Dead with smoke	½w current sensing res in psu
Philips	L6.2	Pulsing psu & EHT	R3425 12R in line dr o/c
Philips	L6.2	Col fades out aft 10 mins then starts to trip	TDA8361 IC7100 pt no 4822 209 13047
Philips	L6.2	Dead & squealing	Squealing stops when pin 2 LOPTx connected to dummy load. C2912 2n2 2kv burnt on def module - pt no 4822 126 13451
Philips	L6.2	Shuts down aft a min with cogging - ok at restart	tr515 and choke 5428
Philips	L6.2 AA	Dead with whine from psu	C2012 2n2 2Kv - cracked
Philips	L6.2 L6.3	Chan lock up etc	Replace Tr7505 BC337-40
Philips	L6.2/6.3	Goes dead with no LED lit aft few mins	Tr 7505 BC337-40 replaced
Philips	L6.2AA	Dead - blown psu & s/c lop tr	caused by 5420 coil in loptr base o/c pt no 4822 157 50965
Philips	L6.2AA	High HT	R3510 33k hi res
Philips	L6.2AA	Int dead	Transistor 7507 in PSU near chopper fmr BC337-40
Philips	L6.2AA	Line o/p Tr repeated failure	L5420 int o/c
Philips	L6.2AA	Repeated failure of lopti	caused by 5420 coil in loptr base o/c pt no 4822 157 50965
Philips	L6.2AA	Squealing or Dead with lop tr s/c	L5420 15µH in 14v supply faulty
Philips	L6.2AA	No sound/pic	R3438 3R3 safety resistor on 14V supply at the LOPTx secondary
Philips	21PT1353	Vert white line	check dry joints scan coil plug & R3929 220R R3939 560R & C2915 390nF
Philips	L6.2AA		
Philips	25PT4103		

Philips L6.2AA  
25PT4103/05 E/W correction

C2913 390nF o.c. also split and bulging