

AMIGA® TROUBLESHOOTER

A simple-to-use symptomatic guide for diagnosing faulty IC components on Amiga computers
(Includes all versions of the A500/1500/2000/2500)

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AMIGA®

SERIAL NUMBER **5502**



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PART 1: A500 QUICK CHECK

SYMPTOMS	COMPONENTS	U1 68000	U8 ROM	U2 FAT AGNUS	U4 DENISE	U3 PAULA	U5 GARY	U7 8520	U8 8520	U15 74LS157	U14 LF347	HY1 VIDEOHY1 RD	U40 74 HCT 245	U40 74 HCT 245	U37 74LS32	U38 1488	U39 1488	D RAMS	POWER SUPPLY	K. BOARD 8570	EMI 1301 1 OHM RES.	EMI 1401 5.1 OHM RES.	EMI 1501 47 OHM RES.	U2 SOCKET	X1 CRYSTAL
BLANK SCREEN BLACK		●		●															●						●
BLANK SCREEN GREEN				●			●											●							●
BLANK SCREEN WHITE				●		●		●							●										●
BLANK SCREEN RED			●																						
GRAPHICS PROBLEMS				●	●																				●
SYSTEM LOCK-UPS FREEZES				●	●			●							●										
NO KEYBOARD RESET CTRL AMIGA AMIGA							●													●					
WAVY SCREEN NO SYNC				●										●											
WRONG COLOURS					●							●	●	●											
JOYSTICK PROBLEMS					●					●															
MOUSE PROBLEMS					●	●		●		●												●			
NO FIRE BUTTON																									
NO RIGHT MOUSE BUTTON						●																			
AUDIO FAULTS						●					●														
DISK DRIVE FAULTS		●		●		●	●	●	●																
KEYBOARD TROUBLE							●	●																	
SERIAL PORT TROUBLE						●			●							●	●								
PARALLEL PORT TROUBLE								●	●															●	

NOTE 1: Remove all external add ons: extra memory, hard drive, external disk drive, printer, modem. This eliminates them as a source of the problem. If computer works normally when all add ons have been removed, start adding devices on, one at a time, until the problem comes back. Then determine which is at fault, the device or the computer.

NOTE 2: Substitute a known good disk drive and power supply to eliminate them as the source of the problem.

Disclaimer: I hereby refuse all responsibility in any further damage or injuries caused by inappropriate handling and/or unexperienced skills. All modifications, repairing services have to be made by authorised persons only with required technical knowledge. This chart is useful for basic checks if any errors occurs during using any Amiga models mentioned above, but fixing occasionally needs more informations to avoid further issues.



Re-edited by Reynolds^Amiga Mania in 2016.

