Monochrome Monitor General Troubleshooting

This article last reviewed: 15 December 1987

USING THE SYMPTOM CHART

Find the symptom that best describes how the defective monitor
appears and then try the recommended actions in the order listed.
If the first corrective action does not solve the problem,
put back the original module or part before trying the next action.

Symptom	Corrective Action
No power (LED doesn't light)	1. Check fuse; replace if blown. If it blows again, replace transformer. 2. Replace transformer. 3. Replace power switch.

No raster	1. Check that video cable is securely connected.
	2. Adjust the external brightness control on the
	   back of the case.
	3. Adjust the contrast control.
	4. Check that all connectors are secure
	   on the CRT board and the main logic board.
	5. Replace main logic board.
	6. Replace CRT.

One vertical raster line appears	1. Replace main logic board. 2. Replace CRT assembly.
Raster deformed	Replace CRT assembly.
Wavy picture	Replace main logic board.
Spot remains with unit off	Replace main logic board.

Brightness range abnormal	1. Replace main logic board. 2. Replace power transformer.
Raster size small, picture abnormally bright	Replace main logic board.
No vertical synchronization	Replace main logic board.
Screen bright, no picture	Replace main logic board.
15 or more seconds for picture to appear	Change CRT assembly.
Picture appears and disappears	1. Replace main logic board. 2. Replace CRT assembly.
Out of focus	See "Focus" in Section 3, Adjustments*
Won't focus	1. Replace main logic board. 2. Replace CRT.
Narrow raster	Replace main logic board.
Picture compressed or stretched out	Replace main logic board.
Picture tears	See "Horizontal Synchronization" in Section 3, Adjustments*
Image reversed (after servicing)	Yoke connector (P4) is plugged in backwards.
Image inverted (after servicing)	Yoke connector (P3) is plugged in backwards.

Keywords: hts

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