TECHNICAL BULLETIN INDEX
Sorted by Catalog Number
04/03/86

No.	Catalog	Description	Rev. Date
12/16B:042		Not Released	
I/O:094		Rescinded (should contain memo dated 01-14-86)	
INF:001		Identifing video boards and associated parts.	09/19/84
INF:002		Revised RAW data adjustment for 5 1/4" floppies.	09/25/84
INF:003		Improve signal integrity on TPI 5 1/4" floppy PCB.	12/10/84
INF:004		Video monitor differences and uses.	02/09/85
INF:005		Prevention of future video problems.	03/18/85
INF:008		Testing A.C. Power outlets with Multimeters.	12/30/85
INF:009		Current versions of MS-DOS and BIOS ROMs.	02/17/86
1000:002	25-1000	Unit appearing dead and speaker squealing.	11/14/84
1000:003	25-1000	Describe installation of Memory Expansion boards.	11/30/84
1000:004	25-1000	Test points for Tandy 1000 floppy drives.	12/12/84
1000:005	25-1000	Mod printer port to allow use of IBM software.	05/13/85
1000:006	25-1000	Remove IRQ pull-downs to improve IBM compatibility	12/28/84
1000:007	25-1000	Increase intensity of composite video output.	12/28/84
1000:008	25-1000	FDC errors caused by ringing in FDC clock.	05/22/85
1000:009	25-1000	Possible wiring problem of keyboard cable.	12/28/84
1000:010	25-1000	Improve the performance of the joystick port.	04/15/85
1000:011	25-1000	Explain ROM differences.	02/15/85
1000:012	25-1000	Missing negative 5 volt supply on expansion slots.	05/28/85
1000:013	25-1000	Install grounding lug for hard disk upgrade.	03/13/85
1000:015	25-1000	Reduce floppy I/O errors.	06/27/85
1000:016	25-1000	Extraneous speaker noise during power-up.	06/28/85
1000:017	25-1000	Eliminate long strobe causing extra charactors.	06/14/85
1000:018	25-1000	Modify DMA from extended write mode to normal mode	06/28/85
1000:020	25-1000	Correct or prevent system reset or poor sound.	10/09/85
1000:022	25-1000	Correct fuzzy or missing video on RGB output.	12/30/85
1000:023	25-1000	Eliminate intermittant lockups.	12/30/85
1000:024	25-1000	Composite video component installed improperly.	12-30-85
1000:025	25-1000	To correct DMA timing problem.	12/30/85
1000:026	25-1000	Eliminate noise from the light pen circuitry.	01/08/86
1000:001	25-1003	Modification to allow use of Hitachi modem chip.	10/26/84
1000:021	25-1003	To increase amplitude of modem output.	12/16/85
1000:014	25-1007	Write gate incorrectly enabled causing data lose.	06/03/85
1000:019	25-1011	Correct DMA timing with slow peripherals.	02/18/86
1200:001	25-3000	Tandy 1200 Hard Drive alignment procedure.	10/25/84
1200:002	25-3000	Proper switch settings on main processor PCB.	11/06/84
1200:003	25-3000	Correct intermittent Read/Write errors on HD.	11/16/84
1200:004	25-3000	Explain purpose of brackets used on power supply.	12/04/84
1200:005	25-3000	Explaination of power up diagnostics.	12/21/84
1200:006	25-3000	Allow use of printer port on Hercules Graphics PCB	10/29/85
1200:007	25-3000	To allow the use of the math co-processor U17.	06/27/85
1200:008	25-3000	Installation of memory upgrades in 1200A main PCB.	11/06/85
3000:002	25-3043	Garbage on the screen in 80 column color mode.	12/30/85
3000:001	25-4001	Possible solution to intermitent problems.	12/26/85
3000:003	25-4001	Allow the use of Motorola 64K RAMs.	03/13/86
3000:004	25-4010	Motor speed alignment on Tandy 3000 Hard Drives.	03/12/86
I:006	26-1006	Screen Printer won't work with Twisted-Pair mod.	02/25/83
I:010	26-1006	Basic's READ statement repeatedly reads first data	03/01/83
I:015	26-1006	XRX-III cassette modification instructions.	03/22/83
I:017	26-1006	Problems remaining after CPU PCB has been replaced	03/02/83
I:020	26-1006	"Garbage" on screen during power-up or reset.	03/03/83
I:022	26-1006	Differences between Level II kits.	03/03/83
I:025	26-1006	Changes to CLOAD syntax with Rev. "A" ROM.	03/03/83

TECHNICAL BULLETIN INDEX
Sorted by Catalog Number
04/03/86

No.	Catalog	Description	Rev. Date
I:026	26-1006	Machine will not load some mass duplicated tapes.	03/03/83
I:036	26-1006	Proper DIP shunt settings for Z3 and Z71	09/23/83
III:035	26-1061	Allow system to initialize with Network 4.	11/19/85
III:001	26-1066	Horizontal retrace lines can't be eliminated.	06/24/83
III:002	26-1066	Different ROM C.	06/24/83
III:003	26-1066	FDC board alignment procedures.	06/24/83
III:004	26-1066	Random charactors on power-up or during operation.	06/24/83
III:005	26-1066	Format and Backup responds slow after track 21.	06/24/83
III:006	26-1066	Intermittent operation of FDC board.	06/24/83
III:008	26-1066	Power supply fails, computer is dead.	06/24/83
III:009	26-1066	Insure compatibility between Rev. F CPU and RS-232	06/24/83
III:010	26-1066	Powers up with garbage which clears in 10 seconds.	06/24/83
III:011	26-1066	Common failures of the FDC board.	06/24/83
III:012	26-1066	No output to line printer.	06/24/83
III:014	26-1066	Intermittent drive problems.	06/24/83
III:015	26-1066	Varied random or intermittent problems.	06/24/83
III:016	26-1066	Bulk erase diskettes before being used for testing	06/24/83
III:017	26-1066	Improper function of 74LS04 in clock circuit.	06/24/83
III:019	26-1066	Random RAM failures after warming up.	06/27/83
III:020	26-1066	R4 installed on wrong pads.	06/27/83
III:021	26-1066	To correct pin numbers on schematic diagram.	06/27/83
III:022	26-1066	TPI alignment and description.	03/21/83
III:023	26-1066	Varied failures, won't boot, reboot, endless loop.	06/27/83
III:024	26-1066	Installation and checkout of Network III ROM.	06/27/83
III:025	26-1066	Track 00 mounting, and migration problems.	06/27/82
III:026	26-1066	65 watt Aztec power supply.	06/27/83
III:028	26-1066	Problem aligning FDC with 65 watt power supply.	09/10/83
III:029	26-1066	Screen says "DISKETTE?" with no diskette inserted.	09/10/83
III:030	26-1066	To describe modifications to FDC board.	06/11/84
III:031	26-1066	Possible errors when checking Raw Data pulses.	09/21/83
III:032	26-1066	P/S causing unit to appear dead or shrink screen.	03/11/85
III:033	26-1066	Problems with stepper in low current mode.	03/08/85
III:034	26-1066	Repair of Astec 38 watt power supply.	06/18/85
4:020	26-1067	Correct insufficient brightness in 80 char. mode.	06/22/84
4:023	26-1067	Procedure for 16K to 64K RAM upgrade.	09/05/84
4:027	26-1067	Increase video stability.	10/12/84
4:031	26-1067	Repair of Astec 38 watt power supply.	06/18/85
4:014	26-1068	Part number identification for U206.	02/08/84
4:001	26-1069	Modification to FDC board.	06/20/83
4:003	26-1069	FDC board not being recognized (MANDATORY MOD).	07/07/83
4:005	26-1069	Problems when using SPOOLER feature with 128K.	08/02/83
4:007	26-1069	FDC won't write in signle density (MANDATORY MOD).	08/08/83
4:008	26-1069	Various versions of ROMs in the Model 4.	12/05/83
4:009	26-1069	Making TCE PCB meet FCC specifications (MANDATORY)	08/22/83
4:010	26-1069	With Hard Drive attached Computer appears dead.	09/14/83
4:011	26-1069	Video malfunctions when using Motorola 68045 VDG.	09/23/83
4:012	26-1069	Problems with the RESET circuitry and their fixes.	09/29/83
4:013	26-1069	To describe tuning procedure for capacitor C210.	10/27/83
4:015	26-1069	P/S causing unit to appear dead or shrink screen.	03/11/85
4:016	26-1069	Screen says "DISKETTE?" if no diskette is inserted	04/26/84
4:018	26-1069	Changes for Model 4's with Gate Array Logic.	05/29/84
4:019	26-1069	Increase video brightness on units with Gate Array	05/30/84
4:021	26-1069	Procedure for 128K RAM upgrade on Gate Array PCB.	07/31/84
4:022	26-1069	Timing problem with video RAM on Gate Array PCB.	08/21/84

TECHNICAL BULLETIN INDEX
Sorted by Catalog Number
04/03/86

No.	Catalog	Description	Rev. Date
4:024	26-1069	Installation of Mod 4 Hi-Res PCB into Gate Array.	09/11/84
4:025	26-1069	Power supply modification kit.	10/05/84
4:026	26-1069	Eliminate noise injected on 12VDC by monitor PCB.	10/10/84
4:028	26-1069	Test points of gate array floppy drive logic PCB.	09/21/84
4:030	26-1069	Problems with stepper motor in low current mode.	03/08/85
4:032	26-1069	Allow use of VTI gate array for timing purposes.	05/18/85
4:033	26-1069	To ensure compatibility with ALPS keyboard.	03/13/86
4:029	26-1070	Upgrade procedure to 128K for Model 4D.	09/24/85
4:034	26-1070	Test points for Model 4D double sided disk drives.	01/31/86
4:035	26-1070	Eliminate shakey video with VTI gate array.	02/18/86
4P:001	26-1080	Correction for dim video.	01/26/84
4P:002	26-1080	Tuning procedure for C231 in PLL circuit.	01/27/84
4P:003	26-1080	64K to 128K memory upgrade procedure.	02/27/84
4P:004	26-1080	P/S causing unit to appear dead or shrink screen.	03/11/85
4P:005	26-1080	RAM problems caused by digital delay unit.	03/20/84
4P:009	26-1080	Prevent lockup or reboot in 4Mhz mode.	05/18/84
4P:011	26-1080	Procedure for 128K RAM upgrade on Gate Array PCB.	08/14/84
4P:012	26-1080	Installation of Mod 4 Hi-Res into Gate Array CPU.	09/11/84
4P:013	26-1080	Power supply modification kit.	10/05/84
4P:014	26-1080	Eliminate "jailbar" pattern on video with Hi-Res.	11/14/84
4P:015	26-1080	Lockup or reboot in 4MHz mode under TRSDOS 1.3.	12/13/84
4P:006	26-1084	Enable the modem board to support multiline phones	04/17/84
4P:007	26-1084	Increase reception sensitivity of the modem.	04/27/84
4P:010	26-1084	Correct PCB layout error envolving the DTR signal.	07/17/84
I:035	26-1104	Using seperate parts in place of Lower Case kit.	07/27/83
4:002	26-1123	Proper wrapping procedure for ferrite toroid.	04/05/83
4:006	26-1123	Garbage on screen after modifing Model III to 4.	05/25/83
4:004	26-1125	Installing Model III graphics in Model 4.	04/25/84
III:027	26-1125	Hi-res installation instructions and alignments.	09/10/83
4:017	26-1126	Installation procedures of Hi-Res graphics board.	05/05/84
4P:008	26-1126	Installing the Mod 4 Hi-Res board into the Mod 4P.	04/25/84
HD:010	26-1130	RS-232 problems with hard drive connected.	04/25/84
HD:011	26-1130	Jumper differences between 12 and 5 MEG drives.	06/01/83
HD:024	26-1130	Power supply going into current limiting mode.	03/11/85
HD:025	26-1130	Motor speed alignment & wire connection points.	08/07/85
HD:026	26-1130	Specifications for brake assembly.	04/18/84
I/O:051	26-1136	Installation procedures for Network 4.	07/26/85
HD:040	26-1138	Describe the external hard drive ctlr for Model 4.	03/21/86
I:001	26-1142	E.I. - Screen Prt. to be used with redesigned PCB.	02/21/83
I:012	26-1142	Buffer cable and Twisted-Pair installation.	03/07/83
I:014	26-1142	Drive 0 to Drive 0 backup fails.	03/02/83
I:021	26-1142	Memory malfunctions with RS-232 board installed.	03/03/83
I:034	26-1142	Double Density does not function with early E.I..	02/08/83
I:033	26-1143	Intermittent failure in single or double density.	09/10/82
I:002	26-1145	RS-232 - Later version of baud rate generator.	02/21/83
I:008	26-1145	RS-232 - Intermittent connector contact.	03/01/83
I:003	26-1151	Screen Prt - Unclear printing, unrolling paper.	02/21/83
I:004	26-1151	Screen Prt - Centering text on paper.	02/21/83
I:005	26-1151	Screen Prt - Weak print, tractor tracks in center.	02/25/83
I:016	26-1153	QPI - Head carriage moving but not printing.	03/02/83
I/O:013	26-1154	LPIIA - Corrections to service manual.	12/30/82
I/O:001	26-1156	LPIII - Power supply differences.	11/23/82
I/O:015	26-1156	LPIIIA - To enable optional character set.	12/30/82
I/O:016	26-1156	LPIII - Disabling auto line feed.	01/03/83

TECHNICAL BULLETIN INDEX
Sorted by Catalog Number
04/03/86

No.	Catalog	Description	Rev. Date
I/O:045	26-1156	LPIIIA - Prints the letter "H" during self test.	02/15/83
I/O:003	26-1157	WP50 - Clarifing print codes.	11/24/82
I/O:004	26-1157	WP50 - Poor ribbon advance.	11/24/82
I/O:005	26-1157	WP50 Identifing defective ribbon and home sensors	11/30/82
I/O:006	26-1157	WP50 - Hammer intensity adjustment procedure.	12/06/82
I/O:007	26-1157	WP50 - Identification of servo and platen combos.	12/07/82
I/O:008	26-1157	WP50 - Printing wrong charactors, lock up.	12/07/82
I/O:009	26-1157	WP50 - Parallel interface schmatic.	12/07/82
I/O:010	26-1157	QUME - Printer control codes under BASIC.	12/09/82
I/O:011	26-1157	QUME - To disable auto line feed.	12/13/82
I/O:012	26-1157	QUME - Missing charactors.	12/21/82
I/O:023	26-1158	DWII - Replacement procedure for line feed motor.	03/14/83
I/O:025	26-1158	DWII - Loose connections on preamp board.	03/14/83
I/O:026	26-1158	DWII - Symptoms of defective print wheels.	03/14/83
I/O:028	26-1158	DWII - Identify and explain test points 1, 2, 3, 4	03/14/83
I/O:031	26-1158	DWII - Space and Select sensor board alignments.	09/24/85
I/O:032	26-1158	DWII - New ROM for early version board.	05/24/83
I/O:065	26-1158	DWII - New power supply information.	12/28/82
I/O:014	26-1159	LPIV - Carriage speed adjustment.	12/30/82
I:007	26-1160	Dipshunt configuration for Shugart disk drives.	02/28/83
I:009	26-1160	Seek errors caused by restricted movement of head.	03/01/83
I:011	26-1160	Motor speed drifting of Shugart disk drive.	03/01/83
I:018	26-1160	Intermittent or unreliable operation of Disk Drive	03/03/83
I:019	26-1160	Belt slipping off Tandon drive mechanism.	03/03/83
I:024	26-1160	Tandon drives index assembly may not fit.	03/03/83
I:027	26-1160	Replacing PCB causes power supply problems.	03/04/83
I:029	26-1160	Transistor damage causing read/write errors.	03/04/83
I:030	26-1160	Read/Write jumps behind track 00 on Tandon drives.	03/04/83
I:031	26-1160	Insufficient current causing I/O problems.	03/07/83
I:032	26-1160	Changes on motor speed PCB on Shugart drives.	03/07/83
III:007	26-1162	Addendum to internal drive installation.	06/24/83
III:013	26-1162	Tandon disk drive index can't be adjusted.	06/24/83
III:018	26-1164	Potential grounding problem with TPI disk drives.	06/28/83
I/O:017	26-1165	LPV - Unexplained lockups.	01/27/83
I/O:018	26-1166	LPVI - Loud singing noise from line feed motor.	01/26/83
I/O:019	26-1167	LPVII - Poor print quality.	01/27/83
I/O:020	26-1167	LPVII - Identifing the different logic boards.	02/04/83
I/O:021	26-1167	LPVII - To correct improper head movement.	02/07/83
I/O:022	26-1168	LPVIII - Alert light coming on at power up.	02/07/83
I/O:002	26-1171	T.I. II - Power supply problems.	11/24/82
I/O:033	26-1171	Tel. Interface II - Identify different boards.	05/24/83
I/O:034	26-1172	Modem I - Carrier detect light stays on.	05/24/83
I/O:035	26-1173	Modem II - Changes for multi-line and ring count.	05/24/83
I/O:036	26-1173	Modem II - Won't recognize CD and hangs up.	05/24/83
I/O:048	26-1173	Modem II - Won't answer on some phone systems.	10/21/83
I/O:063	26-1173	Modem II - Enable use with XENIX.	12/15/83
I/O:072	26-1173	Modem II - Manual originate wont work auto does.	08/03/84
I/O:060	26-1174	AC3 - During power-up power switch is damaged.	10/17/83
I/O:085	26-1176	DC-2212 - Possible short on logic board.	02/15/85
I/O:090	26-1176	DC-2212 - Crystal oscillating at third harmonic.	04/19/85
I/O:093	26-1176	DC2212 - Possible faulty relays.	08/15/85
I/O:096	26-1176	DC2212 - To reduce noise on signal filter U23.	09/24/85
I/O:097	26-1189	BPS400 - Clarify proper wiring of the logic board.	11/12/85
I/O:054	26-1192	CGP115 - Changes involving BUSY* and FAULT signals	02/03/83

TECHNICAL BULLETIN INDEX
Sorted by Catalog Number
04/03/86

No.	Catalog	Description	Rev. Date
I/O:073	26-1198	DT100 - Service information.	03/07/85
I:028	26-1201	Wavy vertical edges when screen is whited out.	03/04/83
I/O:040	26-1205	CTR-80 - Overly critical volume setting.	03/03/83
I:013	26-1205	Prevent recorder from putting glitches on tape.	03/01/83
I/O:039	26-1206	All Recorders - Head azimuth alignment procedures.	03/02/83
I/O:037	26-1210	Network I - Schematics.	07/07/83
I/O:038	26-1211	Network II - Will not CSAVE.	09/09/83
I/O:056	26-1211	Network II - Incompatability with Model 100 & CC2.	12/15/83
I/O:053	26-1212	Network III - Locks onto one channel.	02/23/83
I/O:067	26-1212	Network III - Correct installation of resistor pak	06/05/84
I/O:100	26-1245	ROM replacement for secondary cartridge drive.	12/02/85
INF:007	26-1245	Introduction to Disk Cartridge System.	08/28/85
I/O:044	26-1250	DWP410 - Service manual as wrong test points.	04/22/83
I/O:058	26-1250	DWP410 - Bit setter adjustments.	09/21/83
I/O:069	26-1251	DMP400 - To correct paper skew problems.	06/19/84
I/O:080	26-1254	DMP-200 - Eliminate sensitivity to long strobe.	12/28/84
I/O:046	26-1255	DMP120 - Printing garbage with Color Scripsit.	07/15/83
I/O:061	26-1256	DMP2100 - Adjustments for proper line feeding.	09/15/83
I/O:064	26-1256	DMP2100 - Modification to BUSY* and FAULT* signals	05/20/85
I/O:082	26-1256	DMP-2100 - Upgrading to DMP-2100P.	02/12/85
I/O:057	26-1257	DWP210 - Hammer defeat via dip switch settings.	09/16/83
I/O:089	26-1257	DWP-210 - Additional vertical bar alignment.	07/03/85
I/O:027	26-1260	Envelope Feeder - Adjustment procedures.	03/14/83
I/O:068	26-1260	Envelope Feeder - Help eliminate envelope skewing.	06/05/84
I/O:083	26-1269	PTC-64 - Improve reliability of the clock signal.	04/23/85
I/O:086	26-1271	DMP-110 - Working combinations of ROMs and MPUs.	03/11/85
I/O:070	26-1272	LMP2150 - Top of Form and line feed problems.	06/27/84
I/O:075	26-1272	LMP2150 - Correct top of form timing problem.	08/27/85
I/O:088	26-1274	New ROM's on the Control Logic Board.	05/06/85
I/O:092	26-1277	DMP-430 - Allow operation with Model 2000.	07/15/85
I/O:099	26-1280	DMP-130 - To discuss a change in the ROMs.	01/13/86
I/O:059	26-1429	Auto power - Unit exhibits repetitive failure.	10/06/83
INF:006	26-1429	Differences between the various power controllers.	06/10/85
I/O:024	26-1448	Sht. Feeder - Allow interface board with new DWII.	03/14/83
I/O:029	26-1448	Sht. Feeder - Damage when board installed wrong.	02/20/84
I/O:030	26-1448	Sht. Feeder - Test procedures.	05/13/83
I:023	26-1451	Line filter trips AC line circuit breaker.	03/03/83
I/O:091	26-1477	Installing paper empty option on the SF-510.	10/20/85
I/O:071	26-1922	Orch. 90 - Eliminate distortion with Hi-Res PCB.	07/30/84
CC:001	26-3002	Quick Printer II only prints one letter than stops	01/17/83
CC:002	26-3002	Describe proper AC line cord termination.	01/17/83
CC:003	26-3002	C18 backwards causes -5 volt failure.	01/17/83
CC:005	26-3002	Replacement ICs for U12 fail.	06/24/83
CC:006	26-3002	Keyboard failure aftger 32K upgrade.	01/17/83
CC:007	26-3002	Sound command does not work after CLOAD or CSAVE.	01/17/83
CC:012	26-3002	Updates and corrections to service manuals.	06/16/83
CC:013	26-3002	Modifications to assure false color.	06/16/83
CC:014	26-3002	Keyboard failure after 32K upgrade (AX-9328 PCB).	06/16/83
CC:015	26-3002	32K/64K upgrade procedure.	06/24/83
CC:016	26-3002	Consistant "64K MEMORY U21 (or U26) BAD" errors.	06/24/83
CC:017	26-3002	List of parts changed between old and new boards.	06/24/83
CC:018	26-3002	Checksums for ROMs.	06/24/83
CC:019	26-3002	To determine if unit needs 64K upgrade.	09/14/83
CC:020	26-3002	After a warm up period the Color Computer locks up	10/13/83

TECHNICAL BULLETIN INDEX
Sorted by Catalog Number
04/03/86

No.	Catalog	Description	Rev. Date
CC:023	26-3002	Sound command fails to function properly.	09/21/83
CC:025	26-3002	Describe a component deletion.	02/01/84
CC:026	26-3002	Installation procedures for direct video board.	06/21/84
CC:026	26-3002	Garbage on screen during disk access.	05/23/85
CC:011	26-3010	Different versions of U701 and how to install.	06/16/83
CC:022	26-3016	Installation procedures for keyboard upgrade kit.	09/07/83
CC:004	26-3022	RF interference when using Disk Operating System.	06/24/83
CC:008	26-3022	Changes in servo motor control board.	01/17/83
CC:009	26-3022	Drive will not hold steady speed.	01/17/83
CC:021	26-3022	Intermittent errors caused by missing trace.	09/14/83
CC:027	26-3026	Installation procedures for direct video board.	01/18/85
CC:024	26-3027	Color Computer 2 64K upgrade procedure.	11/15/83
CC:010	26-3067	Wildcatting cartridge will not initialize properly	01/17/83
CC:028	26-3134	Explain differences in new Color Computers.	11/30/84
I/O:079	26-3144	Speech/Sound - Eliminate distortion.	12/14/84
I/O:095	26-3144	Prevent unwanted audible noise.	08/28/85
VID:001	26-3212	To prevent local interference with FM broadcasts.	09/19/85
I/O:087	26-3612	PC RS232 - Crystal oscillator component changes.	03/18/85
I/O:084	26-3650	PC4 - Correct 1K RAM pack usage.	02/11/85
100:003	26-3801	Different versions of ROM's.	03/02/84
100:001	26-3802	RS-232 problems with DC-1200 and Model 12.	05/20/83
100:002	26-3802	Battery replacement for the main logic board.	08/04/83
200:001	26-3860	Memory upgrade and checkout procedure.	03/04/85
200:002	26-3860	Installation procedures of nicad upgrade.	03/14/85
600:001	26-3901	Memory upgrade on the Tandy 600.	01/31/86
600:002	26-3901	Prevent damage caused by battery overcharging.	01/27/86
I/O:042	26-4002	CRTs - Replaceing Black and White with Green.	07/11/83
II:001	26-4002	DRIVE 0 - Proper termination.	03/07/83
II:002	26-4002	64K RAM - Proper RAM board jumper configurations.	03/08/83
II:003	26-4002	VIDEO - Discussion of general video theroy.	04/28/83
II:004	26-4002	FDC - Zener diode to correct thermal failure.	03/09/83
II:005	26-4002	VDG board causing video generator PCB to fail.	03/09/83
II:008	26-4002	Video PCB - Proper heat sinking of Q4 and Q7.	03/11/83
II:009	26-4002	FDC - Modification for satellite board.	04/13/83
II:010	26-4002	FDC - XENIX thinks drive 0 is double sided.	02/18/83
II:011	26-4002	Motherboard causing apparent power supply problems	03/11/83
II:013	26-4002	FDC - C17 installed backwards.	03/11/83
II:014	26-4002	RCA Video - Vertical retrace line can't be removed	03/11/83
II:015	26-4002	Shugart - Proper tightening of stepper motor screw	03/11/83
II:016	26-4002	Shugart - Correcting Boot Error DC.	03/11/83
II:017	26-4002	CPU - Bisync modification and testing procedure.	03/14/83
II:018	26-4002	VDG - To correct dual addressing (Rev. A and B).	03/14/83
II:019	26-4002	FDC - Discussion of revised FDC board.	03/15/83
II:020	26-4002	Shugart - Modification to correct boot errors.	03/16/83
II:021	26-4002	FDC - Won't format past track 43.	03/16/83
II:022	26-4002	Shugart - Proper adjustment of sector sensor pot.	03/17/83
II:023	26-4002	VDG - Unexplained keyboard entries and/or lockup.	03/18/83
II:024	26-4002	VDG - Characters intermittently appearing on video	03/21/83
II:025	26-4002	CPU - To correct power on reset problem.	03/22/83
II:026	26-4002	CPU - Enhanced DMA modification instructions.	03/22/83
II:027	26-4002	FDC - Side select signal to external drives gone.	03/22/83
II:028	26-4002	FDC - To correct head load termination.	03/23/83
II:029	26-4002	Procedure for adjusting AA11081 power supply.	04/01/83
II:030	26-4002	Termination, jumpering, and test points for drives	01/24/84

TECHNICAL BULLETIN INDEX
Sorted by Catalog Number
04/03/86

No.	Catalog	Description	Rev. Date
II:031	26-4002	Jumpering for pullups to prevent memory errors.	03/23/83
II:032	26-4002	CPU - Possible missing wait state jumpers.	03/23/83
II:033	26-4002	CPU - Checksums for Model II/16 Boot ROM.	03/23/83
II:035	26-4002	Shugart - Wiring assembly for termination.	03/31/83
II:036	26-4002	Shugart - Schematics and component layouts for PCB	03/31/83
II:037	26-4002	Precautions for the modified power supply.	03/31/83
II:038	26-4002	Keyboard - Check keyboards for anti-static foil.	04/01/83
II:039	26-4002	TPI - Errors in drive 0, no operation in Expansion	06/16/83
II:040	26-4002	Schematic corrections on the KeyTronic keyboard.	04/26/84
II:041	26-4002	To correct keyboard power on reset problems.	05/17/84
II:042	26-4002	Installing Multi-terminal interface into Model II.	05/28/85
12/16B:001	26-4004	Differences between Motorola PCB in Model 16 & 12.	01/10/83
12/16B:002	26-4004	Increase the reset circuit's drive capability.	06/17/85
12/16B:003	26-4004	U81 powers up in an unknown state.	06/18/85
12/16B:004	26-4004	Bisync modifications procedures.	01/17/83
12/16B:005	26-4004	Mother board problem with interrupt daisy chain.	02/02/83
12/16B:006	26-4004	DMA modification.	06/17/85
12/16B:007	26-4004	Breaking of 10 pin connector on video driver PCB.	06/01/83
12/16B:008	26-4004	Proper drive termination.	06/07/83
12/16B:009	26-4004	Proper PCB jumpering for Model 12 and Model 16B.	09/27/83
12/16B:010	26-4004	Installation instructions for cooling enhancement.	07/12/84
12/16B:011	26-4004	Increase SIO reliability and make CD normally true	06/21/85
12/16B:012	26-4004	Slow video RAM access to increase data reliability	10/27/83
12/16B:013	26-4004	To reduce temperature drift of FDC chip.	10/17/83
12/16B:014	26-4004	To correct possible printer not ready.	06/17/85
12/16B:015	26-4004	Using new style delay line as a replacement part.	11/08/83
12/16B:016	26-4004	FDC alignment procedure.	11/29/83
12/16B:017	26-4004	To correct repeatedly breaking card guides.	11/11/83
12/16B:018	26-4004	Instructions for the Banked CP/M upgrade.	06/24/85
12/16B:019	26-4004	Switch settings for 68000 memory boards.	01/16/84
12/16B:020	26-4004	Brilliance problem in the Video Monitor.	01/31/84
12/16B:021	26-4004	Problems with Xenix on floppy drives.	05/01/84
12/16B:022	26-4004	Test point comparison for direct drive floppy.	03/12/84
12/16B:023	26-4004	Correction for low 5 volt supply in card cage.	09/04/84
12/16B:024	26-4004	Memory buffer problems on 68K RAM boards.	08/27/84
12/16B:026	26-4004	Power supply going into current limiting mode.	05/23/84
12/16B:030	26-4004	Boot errors on the direct drive Tandon floppy.	10/02/84
12/16B:031	26-4004	Increase reliability of RCLOCK on VDG board.	10/17/84
12/16B:034	26-4004	Decoding chips on 68K CPU causing XENIX errors.	12/27/84
12/16B:041	26-4004	Modifications for use of 512k/1 meg 68000 RAM PCB.	06/19/85
12/16B:043	26-4004	Correct an error in installation of R87.	05/29/85
I/O:041	26-4104	Hi-Res - Small hash marks on left side of display.	08/26/83
I/O:050	26-4104	Hi-Res - Random bits remain "stuck" on.	11/04/82
HD:001	26-4150	Switch and jumper positions for interface board.	11/29/82
HD:002	26-4150	Wrong value pot, R3, on controller board.	11/29/82
HD:003	26-4150	Correct shipping procedure.	11/29/82
HD:004	26-4150	Prevent erratic operation - schmitt trigger.	11/29/82
HD:005	26-4150	How to install secondary drive.	03/06/84
HD:006	26-4150	Prevent stepper motor from getting lost.	11/29/82
HD:007	26-4150	Mislabeled connector causing drive not ready.	11/29/82
HD:008	26-4150	Write protected drive after service.	11/19/82
HD:009	26-4150	Random and intermittent hard drive problems.	02/04/83
HD:013	26-4150	8/12 MEG - How to decode XENIX hard disk errors.	09/09/83
HD:014	26-4150	Hard Drives - Arrangement of tracks and cylinders.	03/19/84

TECHNICAL BULLETIN INDEX
Sorted by Catalog Number
04/03/86

No.	Catalog	Description	Rev. Date
HD:017	26-4150	Shielded cables for random problems.	12/28/83
HD:012	26-4152	Insure proper level of interface signals.	01-02-86
HD:015	26-4152	Reduce temperature drift of VCO.	11/30/83
HD:018	26-4152	False triggering of CTC chip modification.	12/19/83
HD:020	26-4152	Mandatory modification to correct VCO failures.	02/07/84
HD:021	26-4152	Acceptable WD1010 and WD1100 combinations.	07/09/85
HD:023	26-4152	Modification for write data pulse.	04/19/84
HD:028	26-4152	Reduce occurrence of "Active Drive Not Ready".	05/21/84
HD:029	26-4152	Identify hard disk bubble types.	04/30/85
HD:039	26-4152	Effects on HD Controller with cables upside down.	08/21/85
HD:030	26-4155	Ready lamp connection on WD1010 controller boards.	06/27/84
HD:031	26-4155	Proper connection of INDEX J5 on 10 and 15 MEGS.	07/16/84
HD:032	26-4155	Conversion of oxide media PCB to plated media PCB.	08/03/84
HD:033	26-4155	XFERRQ* signal going to wrong pin on bus.	08/22/84
HD:034	26-4155	Eliminate WAIT* from WD1010 being pulled down.	09/07/84
HD:035	26-4155	Ext. WD1010 PCB not allowing secondary to power up	10/15/84
HD:036	26-4155	PAL change for WD1010 controller board.	11/14/84
II:006	26-4160	CDC - Stepper motor always being enabled.	03/09/83
II:007	26-4160	CDC - Disk binding , intermittent drive not ready.	03/10/83
II:012	26-4160	Wiring differences between power supplies.	04/04/83
II:034	26-4160	CDC - Raw Data adjustment procedures.	03/29/83
16:011	26-4167	Additional hardware necessary for Model 12 and 16.	05/25/83
I/O:074	26-4167	Floppy Drives - Reduce or eliminate soft errors.	09/06/84
HD:037	26-4171	Grounding differences with Tandy & Astec supplies.	03/01/85
HD:038	26-4171	Connecting wire harness to 35 MEG drive logic PCB.	06/22/85
2000:002	26-5103	Improper power lead dress may cause AC noise.	12/08/83
2000:003	26-5103	Installation of the expansion RAM bank.	12/16/83
2000:004	26-5103	Modification to cure video jitter.	12/19/83
2000:005	26-5103	Memory parity errors caused by U59.	02/27/84
2000:010	26-5103	Both floppy drive activity LED's light.	01/24/84
2000:011	26-5103	Shorting power supply pulling system down.	03/16/84
2000:013	26-5103	Assure proper operation of Memory Parity Interupt.	05/10/84
2000:015	26-5103	To correct blowing of power line fuse.	05/29/84
2000:016	26-5103	Ensure proper seating of all expansion PCB's.	04/24/85
2000:018	26-5103	Possible switch wire damage.	06/13/84
2000:019	26-5103	Possible misalignment of CPU chip in socket.	07/11/84
2000:020	26-5103	Parity modification for units with date code AA.	10/10/85
2000:021	26-5103	Random dots appearing on color monitor screen.	04/24/85
2000:022	26-5103	Installation of hard drive upgrade kit.	08/14/84
2000:023	26-5103	To increase stability of power supply under load.	08/21/84
2000:027	26-5103	Test points for new Mitsubishi floppy drive.	11/21/84
2000:030	26-5103	Insure proper connection of mother brd to main PCB	05/22/85
2000:032	26-5103	Correct polarity of External Memory Parity Int.	11/15/85
2000:039	26-5103	Identifying faulty 80186 CPU chips.	03/12/86
2000:042	26-5103	Eliminate random reboot because of power supply.	02/04/86
2000:012	26-5104	Component changes on hard drive controller board.	04/12/84
2000:017	26-5104	Random problems with internal hard drive.	09/11/84
2000:024	26-5104	Intermittent 'Bad Command Reading Drive C' error.	10/10/84
2000:028	26-5104	Installation of secondary hard drive.	01/29/85
2000:031	26-5104	To remove a possible interrupt conflict on the bus	02/03/86
2000:040	26-5104	False trigger could cause garbage written to HD.	12/30/85
2000:041	26-5104	To improve stability of VCO.	01/22/86
HD:022	26-5104	Model 2000 Hard Drive alignment procedure.	03/22/84
2000:006	26-5111	Complete or partial blank video display.	01/18/84

TECHNICAL BULLETIN INDEX
Sorted by Catalog Number
04/03/86

No.	Catalog	Description	Rev. Date
2000:001	26-5140	When first powered up video is not synchronized.	12/08/83
2000:007	26-5140	Modification to Rev. PP2 Hires Graphics board.	01/16/86
2000:009	26-5140	Indentify proper PAL for Hires operation.	01/18/84
2000:025	26-5140	Eliminate random memory errors on graphics board.	10/16/84
2000:029	26-5140	"Reflection" of video column zero on right side.	04/24/85
2000:008	26-5141	Installation of the color chip set.	01/18/84
2000:038	26-5143	8087 Numeric Coprocessor upgrade procedures.	01-06-86
2000:014	26-5161	To correct timing on external 256k memory board.	01/30/85
2000:026	26-5161	Memory timing and refresh problems on ext. RAM PCB	06/28/85
2000:033	26-5161	To prevent a false memory cycle.	11/15/85
2000:034	26-5161	To correct parity latch timing.	02/10/86
2000:036	26-5161	Eliminate a timing problem with BUSARDY* signal.	12/05/85
2000:035	26-5164	Mods to allow two or more SDLC (serial) boards.	11/26/85
2000:037	26-5164	To eliminate data errors on the Serial (SDLC) brd.	12/06/85
12/16B:028	26-6002	Identify problems with direct drive floppys.	11/13/84
16:001	26-6002	Cabling for FDC alignment and jumpering of board.	05/13/82
16:002	26-6002	Installing Bisync.	05/13/83
16:003	26-6002	Intermittent operation of the Z80 CPU board.	05/13/83
16:004	26-6002	Checksums for Model II/16 boot ROM.	01/24/84
16:005	26-6002	C41 installed backwards on early Rev. D CPU boards	05/13/83
16:006	26-6002	Proper jumpering for 2 internal drives.	05/13/83
16:007	26-6002	Adjusting head load arm and disk ejector trigger.	05/19/83
16:008	26-6002	Modification to correct motor speed variation.	05/16/83
16:009	26-6002	Correct drive termination.	05/19/83
16:010	26-6002	Check for correct fusing of 24 volts.	05/16/83
16:012	26-6002	Schematics for Zenith and Motorola video boards.	10/07/82
16:013	26-6002	Intermittent speed errors on Tandon drives.	10/18/82
16:014	26-6002	Slippage of the stepper band assembly.	02/02/83
16:015	26-6002	Increasing the +5 volt power supply.	09/04/84
16:016	26-6002	Installation of Multi-terminal brd. in Model 16.	05/28/85
16:017	26-6002	Schematic corrections on KeyTronic keyboard.	04/26/84
16:018	26-6002	Memory buffer problems on 68K RAM boards.	08/27/84
16:022	26-6002	An error in the installation of R87.	05/29/85
16:023	26-6002	Modification for Xenix 3.0 on a 6 Mhz CPU board.	07/11/85
16:024	26-6002	Modifications to increase reliability.	07/22/85
12/16B:033	26-6004	To allow system to boot TRSDOS 16.	06/17/85
12/16B:039	26-6004	Faulty Texas Instruments "AS" type parts.	03/11/85
12/16B:040	26-6004	To correct errors in artwork.	08/27/85
12/16B:044	26-6004	Modification for Xenix 3.0 on a 6 Mhz CPU board.	07/11/85
12/16B:025	26-6006	Eliminate "HN ERROR" on internal hard drive.	05/01/84
12/16B:027	26-6006	Hard drive power supply jumpered wrong.	06/11/84
12/16B:029	26-6006	Cooling enhancement fan mount with RCA monitor PCB	08/09/84
12/16B:032	26-6006	Correct RFI between internal Hard and floppy drive	10/23/84
HD:016	26-6006	15 MEG internal controller board alignment.	12/05/83
HD:019	26-6006	Modification to improve interface signal integrity	01/26/84
HD:027	26-6006	Correct drive select problem with external drives.	04/19/84
I/O:062	26-6013	Multi-Term. - To correct intermittent operation.	11/03/83
12/16B:035	26-6014	Correct timing to memory brd during write cycle.	02/13/85
12/16B:036	26-6014	To correct timing error.	01/21/85
12/16B:037	26-6014	Insure good ground between 68K CPU and RAM boards.	01/16/85
12/16B:038	26-6014	Outline 8 MHz upgrade procedure.	03/19/85
16:019	26-6014	Insure good ground between 68K CPU and RAM brds.	01/16/85
16:020	26-6014	Correct timing to memory board during write cycle.	02/13/85
16:021	26-6014	Outline 8 MHz upgrade procedure.	03/19/85

TECHNICAL BULLETIN INDEX
Sorted by Catalog Number
04/03/86

No.	Catalog	Description	Rev. Date
6000:001	26-6021	Correct timing to memory board during write cycle.	02/13/85
6000:002	26-6021	correct timing error.	01/21/85
6000:003	26-6021	Insure ground between 68000 CPU and RAM boards.	01/16/85
6000:004	26-6021	Incompatibility of Video PCB oscillator inverters.	02/25/85
6000:005	26-6021	Faulty Texas Instruments "AS" type parts.	03/11/85
6000:006	26-6021	Increase operational reliability of 8 MHz CPU PCB.	03/18/85
6000:008	26-6021	Increase operational reliability of 68K RAM PCB.	09/16/85
6000:009	26-6021	Increase operational reliablility of video board.	03/18/85
6000:010	26-6021	Correct errors in artwork and prevent bus errors.	04/23/85
6000:011	26-6021	BOOT ERROR MF caused by slow multiplexers.	03/11/85
6000:012	26-6021	Tandon belt drive Rev. Y not seeing index pulse.	05/29/85
6000:013	26-6021	Reduce occurrence of Supervisor Trap 2 errors.	08/27/85
6000:007	26-6022	Increase operational reliability of HD controller.	03/18/85
6000:014	26-6022	Reduce occurances of ACTIVE DRIVE NOT READY errors	01-06-86
I/O:043	26-6050	DT1 - Sending all capital letters.	06/23/83
I/O:052	26-6050	DT1 - Correct vertical lines in video.	12/23/83
I/O:066	26-6050	DT1 - Correct problems with printing from DT1.	07/17/84
I/O:098	26-6050	DT-1 - Prevent DT1 from holding printers in reset.	10/31/85
I/O:076	26-6052	New ROM to correct local printing problems.	09/17/84
I/O:077	26-6052	DT-100 - Describe built in diagnostics.	10/10/84
I/O:081	26-6052	DT100 - Work-around for printer protocol problem.	12/28/84
ARCNET:001	26-6501	BNC connector installation instructions.	03/01/83
ARCNET:002	26-6501	Proper installation of Q1, Q2, and Q3.	07/31/84
ARCNET:003	26-6501	Some COM9026 LSI chips cause continuous RECONs.	04/13/84
ARCNET:004	26-6501	Proper jumpers for Arcnet board.	08/26/83
ARCNET:006	26-6501	Possible faulty DIP switches.	01/18/84
ARCNET:005	26-6502	Using software as a troubleshooting tool.	11/18/83
I/O:055	26-6503	16K Mem. Exp. - False parity and memory select.	10/26/83
I/O:047	76-1001	PT210 - Prints +- when rubout charactor received.	06/30/83
I/O:078	76-1001	PT-210 - Correct modem alignment procedure.	10/18/84
I/O:049	76-1005	DC1200 - Dip switch configurations, Bisync etc.	11/22/82
COPIER:006	88-2040	Erratic paper feed.	02/27/84
COPIER:001	88-2050	Part numbers for drum cleaning supplies.	02/27/84
COPIER:002	88-2050	Removal of the hopper net when installing agitator	02/27/84
COPIER:003	88-2050	Low contrast or intermittently gray copies.	02/27/84
COPIER:004	88-2050	Cooling fan and agitating brush installation.	02/27/84
COPIER:005	88-2050	Abrasive suspension settling in Drum Cleaner.	02/27/84
COPIER:007	88-2050	Cleaning brush material change.	01/07/85
VID:002	N/A	Modification to cure video shrink on TCE board.	01/04/86