

Tandy 6000 Series Page # of 3

Shop # \_\_\_\_\_ Customer Name : \_\_\_\_\_ Catalog # \_\_\_\_\_  
 Tech's initials : \_\_\_\_\_ Date : \_\_\_\_\_ Serial # \_\_\_\_\_

Done	N/A	Bulletin Description	Part #	Description
<input type="checkbox"/>	<input type="checkbox"/>	6000:1 To correct data setup time to memory board.		
<input type="checkbox"/>	<input type="checkbox"/>	6000:2 To correct timing error on 68k CPU board.		
<input type="checkbox"/>	<input type="checkbox"/>	6000:3 To insure good grounds between 68k CPU and memory boards.		
<input type="checkbox"/>	<input type="checkbox"/>	6000:4 Video board inverter compatibility.	MX-2801	74LS04
<input type="checkbox"/>	<input type="checkbox"/>	**6000:5 Faulty Texas Instruments "AS" type parts on MLB.	MX-5853	74ALS244
			MX-5933	74ALS240
			MX-3864	74LS244
<input type="checkbox"/>	<input type="checkbox"/>	**6000:6 Reliability mods for 68k CPU board.	MX-6579	74AS373
			MX-2119	74F240
			MX-0780	74LS138
			MX-5735	74S244
				330 pF ceramic cap.
			MXP-0032	U48 PAL
			MXP-0009	order as cat #26-6014
<input type="checkbox"/>	<input type="checkbox"/>	**6000:7 Faulty Texas Instruments "AS" type parts on HD controller.	MX-3864	74LS244
			MX-4225	74LS240
<input type="checkbox"/>	<input type="checkbox"/>	**6000:8 Reliability mods. for 68k memory board.	MX-2119	74F240
			MX-5853	74ALS244
			MX-6120	74F244
				100k ohm 1/4W 5% res.
				1xMF, 16V+ elec. cap.
				330 pf ceramic cap.
<input type="checkbox"/>	<input type="checkbox"/>	**6000:9 Reliability mods. to video board.	MX-3864	74LS244
			MX-4225	74LS240
			MX-2801	74LS04
<input type="checkbox"/>	<input type="checkbox"/>	**6000:10 Correct card cage errors in artwork.		220 pF ceramic cap.
<input type="checkbox"/>	<input type="checkbox"/>	6000:11 Correct BOOT ERROR MF caused by slow MLB multiplexers.	MX-6112	74S157
<input type="checkbox"/>	<input type="checkbox"/>	6000:12 To correct installation error of R87 on belt drive Tandon logic boards.		
<input type="checkbox"/>	<input type="checkbox"/>	**6000:13 Prevent "BUGCHK:SCSIFI" errors and random lockups in Xenix.		
<input type="checkbox"/>	<input type="checkbox"/>	**6000:14 Reduce occurrences of "Active Drive Not Ready" in Xenix.		10k ohm 1/4W res.
<input type="checkbox"/>	<input type="checkbox"/>	6000:15 Correct power-on reset problems in heavily loaded machines.		10xMF elect. cap.
<input type="checkbox"/>	<input type="checkbox"/>	**6000:16 Guarantee proper voltage level for SIO control signals.		4.7k ohm 1/4W 5% res.
<input type="checkbox"/>	<input type="checkbox"/>	**12/16B:2 To improve power-on reset in heavily loaded machines.	MX-0550	74S04
<input type="checkbox"/>	<input type="checkbox"/>	12/16B:3 Force U81 to power up into known state.		
<input type="checkbox"/>	<input type="checkbox"/>	12/16B:5 Correct card cage error in interrupt chain.		

NOTE: \*\* Indicates Mandatory Technical Bulletin

Done	N/A	Bulletin Description	Part #	Description
[_]	[_]	**12/16B:6 DMA modification, which prevents intermittent lockups.		
[_]	[_]	12/16B:8 Proper termination for the Thinline drive bay.		
[_]	[_]	12/16B:9 Describe jumper settings for main logic boards.		
[_]	[_]	12/16B:10 To improve cooling of computer.	*AXX-7935	Cooling Enhancement Kit
[_]	[_]	12/16B:12 To slow video RAM access to increase data reliability.		
[_]	[_]	**12/16B:13 To reduce temperature drift of the WD 2793 FDC chip.	C-0017	6-70pF trimmer cap.
[_]	[_]	12/16B:14 To correct possible printer not ready condition/error.		
[_]	[_]	12/16B:16 FDC alignment procedure.		
[_]	[_]	**12/16B:17 To correct repeatedly breaking card guides.	*ART-5172	Right panel
			*ART-5173	Left panel
[_]	[_]	12/16B:19 To explain switch settings for 68K memory boards.		
[_]	[_]	12/16B:20 To improve brilliance in Motorola video monitor.		27 ohm 1/4W 5% res. RG174/U cable 470 ohm 1/2W 10% res.
[_]	[_]	12/16B:21 To reduce problems with Xenix and floppy drives.	*ART-5005	shield
[_]	[_]	12/16B:23 To improve 5 volt power supply in the card cage.		47K ohm 1/4W res.
[_]	[_]	**12/16B:24 Modification to improve selection of 2nd 128K memory brd.	MX-5703	MC3482AL
			MX-5704	MC3482BL
			MX-6553	74S373
			MX-6579	74AS373
[_]	[_]	**12/16B:25 Eliminate BOOT ERROR HN and blown hard drive boot track.		10k ohm 1/4W 5% res. DX-0022 1N4148 diode 33xMF 10-16V cap.
[_]	[_]	12/16B:26 To keep Aztec power supply from going into current limiting mode erroneously.		10 ohm 1/4W res. 0.33 ohm 2W res.
[_]	[_]	12/16B:27 Correct 110/220 voltage jumper on HD power supply.		
[_]	[_]	12/16B:29 Describe fan mount for use with RCA monitor board.	*ART-5592	fan mount
[_]	[_]	12/16B:30 Replace defective revision of U6 on direct drive logic.	MXP-0030	8748 processor
[_]	[_]	12/16B:31 Increase reliability of VDG operation.		
[_]	[_]	12/16B:32 Reduce RFI between internal HD and floppy drive.	*ART-4440	shield
[_]	[_]	12/16B:34 Replace defective decoders which cause errors under Xenix.	MX-5849	74S138
[_]	[_]	12/16B:38 To outline 8MHz upgrade procedure.		
[_]	[_]	**12/16B:41 Reliability modifications for the 6MHz 68K board.	MXP-0032	U48 PAL 330 pF ceramic cap
[_]	[_]	12/16B:44 Describe mods. to allow 3.X Xenix to run on a 6MHz CPU.	MXP-0032	U48 PAL

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\* Indicates that these Parts may not be readily available,  
contact Technical Support for assistance.

Done	N/A		Bulletin Description	Part # / Description
[_]	[_]	16:7	Adjust load arm and disk eject trigger on thinline drive.	
[_]	[_]	**16:8	Improve motor speed control circuit on startup.	20K ohm 5% 1/2W res. 33xMF 6.3V cap. 0.47xMF 50V cap. MXP-0009 order as cat #26-6014 2.0A slow blow fuse
[_]	[_]	16:10	Correct fuse on 24V rail for AA11082 power supply.	
[_]	[_]	16:13	Corrects intermittent speed errors on 8" Tandon drives.	
[_]	[_]	16:14	Improve head stepping in early Tandon drives (add washer).	HD-0639 order as cat #26-4167
[_]	[_]	INF:14	Correct failure in power supply which will fail to regulate due to a damaged or leaky capacitor.	220xMF 16V elect. cap
[_]	[_]	INF:17	Adjustment procedure for Astec 65 and 38 Watt supplies.	misc. resistors
[_]	[_]	HD:1	Proper switch and jumper settings for 8M HD interface board.	
[_]	[_]	HD:12	To insure proper termination and levels of HD interface.	470 ohm 1/4W res.
[_]	[_]	HD:16	WD1010 HD interface alignment procedure.	
[_]	[_]	HD:18	Mod. to prevent false CTC triggering on 12M HD interface.	
[_]	[_]	HD:19	Mod. to improve WD1010 HD controller interface signals.	
[_]	[_]	HD:21	Acceptable WD1010 and WD1100 combinations.	
[_]	[_]	HD:25	Motor speed alignments and drive logic PCB differences.	
[_]	[_]	HD:26	Specifications for spindle brake assembly.	
[_]	[_]	HD:27	Correct drive select problem on internal controller PCB (PP2).	
[_]	[_]	HD:28	Reduce occurrence of "Drive not ready" in Xenix.	
[_]	[_]	HD:29	Identify hard disk bubbles with their appropriate logic boards.	
[_]	[_]	HD:31	Proper attachment of index connector to J5 on 15M HD.	
[_]	[_]	HD:32	Conversion of oxide media logic board to a plated board.	510 ohm 5% 1/4W res. 180 ohm 5% 1/4W res.
[_]	[_]	HD:33	To correct artwork errors on interface of 12M and 15M HDs.	
[_]	[_]	I/O:41	To correct small hash marks when using high res board (mods done to high res board).	
[_]	[_]	I/O:62	Reliability mods for multiterminal board.	4.7K ohm 5% 1/4W res.
[_]	[_]	I/O:101	Prevent terminal overrun problems with multiterminal board and DT-100.	

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