GENERAL COMPUTER

MPI-99 AND MPI-150 PRINTER REPLACEMENT PARTS LIST

MPI-99 Printer Replacement Parts

TEB GC-56

MPI-99 Pri	inter Replacement Parts	MPI-150 Pr	MPI-150 Printer Replacement Parts									
Part No.	Description	Part No.	Description									
969-395	Manual, operation	969-397	Manual, operation									
969-396	Manual, service	969-398	Manual, service									
970-1	Mechanism	969-402	Mechanism									
970-2	Assembly, tractor	969-403	Print head									
970-3	Print head	969-404	Board, main									
970-4	PCB Assembly	969-405	Board, serial									
970-5	Transistor, driver	969-406	Keyboard									
970-6	Resistor, 1-ohm fuse	969-407	Cartridge, ribbon									

L. Bollman, Technical Consultation (TS8-10fk) - August 14, 1987a

FLOPPY AND HARD DISK DRIVE LISTING

TEB GC-57

On the back of this bulletin is a chart listing the floppy and hard disk drives by Heath part number. This chart is useful in determining drive type, size (8", 5.25", or 3.5") and height (F = full, H = half, or T = third), manufacturer and model, number of cylinders or TPI, capacity, access time, and setup type.

L. Bollman, Technical Consultation (TS10-5fk) - October 16, 1987s

FLOPPY AND HARD DISK DRIVE LISTING

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FURPY SIZE WEB FFS CVI HED COP ACCESS SETUP FLIPPY 5.75F WANDO 80 40 1 100K 370mS - FLUPPY 5.75F WANDO 80 40 1 100K 370mS - FLUPPY 5.75F STEMBRS FTD-100-5 40 1 100K 250mS - FLUPPY 6.75F STEMBRS FTD-100-5 40 1 100K 200mS - FLUPPY 6.75F REPEX REPS-4810 MS-15R 77 2 1.2M 190mS - FLUPPY 6.75F REPEX REPS-4820 2A/AR 77 2 1.2M 190mS - FLUPPY 6.75F REPEX REPS-4820 2A/AR 77 2 1.2M 190mS - 1.2M 1.2M </td <td>8</td> <td>or TPI</td> <td>8</td> <td>,</td> <td>40</td> <td>8</td> <td>615</td> <td>88</td> <td>40</td> <td>8</td> <td>8</td> <td>519</td> <td>1</td> <td>519</td> <td></td> <td>9 drive.</td> <td></td> <td></td> <td>CM</td> <td>or IPI</td> <td>And the Spirit S</td> <td>88</td> <td>1</td> <td>612+4</td> <td>1</td> <td>8</td> <td>615</td> <td>8</td> <td>8</td> <td>372</td> <td>88</td> <td>925</td> <td>3</td> <td>918</td> <td>1024</td> <td>820</td> <td>615</td> <td>615</td> <td></td> <td>8</td> <td>88</td>	8	or TPI	8	,	40	8	615	88	40	8	8	519	1	519		9 drive.			CM	or IPI	And the Spirit S	88	1	612+4	1	8	615	8	8	372	88	925	3	918	1024	820	615	615		8	88
FURPY SIZE WEB FFS CVI HED COP ACCESS SETUP FLIPPY 5.75F WANDO 80 40 1 100K 370mS - FLUPPY 5.75F WANDO 80 40 1 100K 370mS - FLUPPY 5.75F STEMBRS FTD-100-5 40 1 100K 250mS - FLUPPY 6.75F STEMBRS FTD-100-5 40 1 100K 200mS - FLUPPY 6.75F REPEX REPS-4810 MS-15R 77 2 1.2M 190mS - FLUPPY 6.75F REPEX REPS-4820 2A/AR 77 2 1.2M 190mS - FLUPPY 6.75F REPEX REPS-4820 2A/AR 77 2 1.2M 190mS - 1.2M 1.2M </td <td>新</td> <td>MODEL</td> <td>30-475-1146</td> <td>125</td> <td>JA-551-3</td> <td>JU-475-296C</td> <td>51-225-2</td> <td>MF504A-301U N</td> <td>30-455-5446</td> <td>MP-F534-000</td> <td>17) DMDT-23A</td> <td>TH-262</td> <td>DK511-8</td> <td>8425 (BLACK)</td> <td></td> <td>ubstitute 151-100</td> <td></td> <td></td> <td>五年</td> <td>MODEL</td> <td>Charles for the first half to the first the fi</td> <td>011-15/十十十</td> <td>10-1020</td> <td>T1TAN 3532</td> <td>CPDA-00A</td> <td>FD1036A</td> <td>8425 (RED)</td> <td>两十二</td> <td>JU-455-5</td> <td>94155-86</td> <td>JU-475-2966V</td> <td>94205-51</td> <td>MF-501B-312UD</td> <td>1140NDR</td> <td>HH-1050</td> <td>57-251</td> <td>TITAN L12000</td> <td>TN-262R</td> <td></td> <td>CMDT-23A</td> <td>OPDB-22A</td>	新	MODEL	30-475-1146	125	JA-551-3	JU-475-296C	51-225-2	MF504A-301U N	30-455-5446	MP-F534-000	17) DMDT-23A	TH-262	DK511-8	8425 (BLACK)		ubstitute 151-100			五年	MODEL	Charles for the first half to the first the fi	011-15/十十十	10-1020	T1TAN 3532	CPDA-00A	FD1036A	8425 (RED)	两十二	JU-455-5	94155-86	JU-475-2966V	94205-51	MF-501B-312UD	1140NDR	HH-1050	57-251	TITAN L12000	TN-262R		CMDT-23A	OPDB-22A
FURPY SIZE WEB FFS CVI HED COP ACCESS SETUP FLIPPY 5.75F WANDO 80 40 1 100K 370mS - FLUPPY 5.75F WANDO 80 40 1 100K 370mS - FLUPPY 5.75F STEMBRS FTD-100-5 40 1 100K 250mS - FLUPPY 6.75F STEMBRS FTD-100-5 40 1 100K 200mS - FLUPPY 6.75F REPEX REPS-4810 MS-15R 77 2 1.2M 190mS - FLUPPY 6.75F REPEX REPS-4820 2A/AR 77 2 1.2M 190mS - FLUPPY 6.75F REPEX REPS-4820 2A/AR 77 2 1.2M 190mS - 1.2M 1.2M </td <td></td> <td></td> <td>PANASONIC</td> <td>IRWIN</td> <td>MATSUSHITA</td> <td>PANASONIC</td> <td>SEAGATE</td> <td>MITSUBISHI</td> <td>PANASONIC</td> <td>SONY</td> <td>CITIZEN (969-7</td> <td>H TANDON</td> <td></td> <td>* MINISCRIBE</td> <td></td> <td>ive in 7-158; s</td> <td>Amendment of the service of the serv</td> <td></td> <td>新生</td> <td>MAKE</td> <td></td> <td></td> <td></td> <td></td> <td>CITIZEN</td> <td>N N</td> <td></td> <td>SONY</td> <td>PANASONIC</td> <td>360</td> <td>PANASONIC</td> <td>CIC</td> <td>1</td> <td>NEMBURY DATA</td> <td>MICROSCIENCE</td> <td></td> <td>* LAPINE</td> <td>TANDON</td> <td></td> <td>CITIZEN</td> <td>CITIZEN</td>			PANASONIC	IRWIN	MATSUSHITA	PANASONIC	SEAGATE	MITSUBISHI	PANASONIC	SONY	CITIZEN (969-7	H TANDON		* MINISCRIBE		ive in 7-158; s	Amendment of the service of the serv		新生	MAKE					CITIZEN	N N		SONY	PANASONIC	360	PANASONIC	CIC	1	NEMBURY DATA	MICROSCIENCE		* LAPINE	TANDON		CITIZEN	CITIZEN
FURPY SIZE WEB FFS CVI HED COP ACCESS SETUP FLIPPY 5.75F WANDO 80 40 1 100K 370mS - FLUPPY 5.75F WANDO 80 40 1 100K 370mS - FLUPPY 5.75F STEMBRS FTD-100-5 40 1 100K 250mS - FLUPPY 6.75F STEMBRS FTD-100-5 40 1 100K 200mS - FLUPPY 6.75F REPEX REPS-4810 MS-15R 77 2 1.2M 190mS - FLUPPY 6.75F REPEX REPS-4820 2A/AR 77 2 1.2M 190mS - FLUPPY 6.75F REPEX REPS-4820 2A/AR 77 2 1.2M 190mS - 1.2M 1.2M </td <td>SIZE</td> <td>F/H/T</td> <td>5.23</td> <td>西河</td> <td>5.2</td> <td>5.2</td> <td>5.强</td> <td>5.2引</td> <td>5.3</td> <td>50%</td> <td>西"</td> <td>5.23年</td> <td>2.强</td> <td>2.2</td> <td></td> <td>)-292 dr</td> <td></td> <td></td> <td>SIZE</td> <td>F/H</td> <td></td> <td>汚っ</td> <td>1</td> <td>2.2</td> <td>舌"</td> <td>西於</td> <td>2.2条</td> <td>元"</td> <td>5.2至</td> <td>5.译</td> <td>5.23</td> <td>2.0</td> <td>5.2</td> <td>5.译</td> <td>5.23H</td> <td>5.29</td> <td>5.25H</td> <td>5.25H</td> <td></td> <td>ある</td> <td>活"</td>	SIZE	F/H/T	5.23	西河	5.2	5.2	5.强	5.2引	5.3	50%	西"	5.23年	2.强	2.2)-292 dr			SIZE	F/H		汚っ	1	2.2	舌"	西於	2.2条	元"	5.2至	5.译	5.23	2.0	5.2	5.译	5.23H	5.29	5.25H	5.25H		ある	活"
FURPY SIZE WEB FFS CVI HED COP ACCESS SETUP FLIPPY 5.75F WANDO 80 40 1 100K 370mS - FLUPPY 5.75F WANDO 80 40 1 100K 370mS - FLUPPY 5.75F STEMBRS FTD-100-5 40 1 100K 250mS - FLUPPY 6.75F STEMBRS FTD-100-5 40 1 100K 200mS - FLUPPY 6.75F REPEX REPS-4810 MS-15R 77 2 1.2M 190mS - FLUPPY 6.75F REPEX REPS-4820 2A/AR 77 2 1.2M 190mS - FLUPPY 6.75F REPEX REPS-4820 2A/AR 77 2 1.2M 190mS - 1.2M 1.2M </td <td>TYPE</td> <td></td> <td>FLOPPY</td> <td>TPE I</td> <td>FLOPPY</td> <td>FLOPPY</td> <td>TARD</td> <td>FLOPPY</td> <td>FLOPPY</td> <td>FLOPPY</td> <td>FLOPPY</td> <td>图里</td> <td>星</td> <td>EE SE</td> <td></td> <td>use 15(</td> <td></td> <td></td> <td>TYPE</td> <td></td> <td></td> <td>ここ</td> <td>TAFE</td> <td>FEE</td> <td>FLOPPY</td> <td>FLOPPY</td> <td>至</td> <td>FLOPPY</td> <td>FLOPPY</td> <td>HARD</td> <td>FLOPPY</td> <td>TARD</td> <td>FLOPPY</td> <td>器</td> <td>HARD</td> <td>墨</td> <td>TASS</td> <td>至</td> <td></td> <td>FLOPPY</td> <td>FLOPPY</td>	TYPE		FLOPPY	TPE I	FLOPPY	FLOPPY	TARD	FLOPPY	FLOPPY	FLOPPY	FLOPPY	图里	星	EE SE		use 15(TYPE			ここ	TAFE	FEE	FLOPPY	FLOPPY	至	FLOPPY	FLOPPY	HARD	FLOPPY	TARD	FLOPPY	器	HARD	墨	TASS	至		FLOPPY	FLOPPY
FURPY STATE HFRR CYIL HFRD CYIL HYRD CYIL HYRD CYIL HYRD CYIL HYRD CYIL <	PART	容	245	248	727	799	263	264	266	278	787	588	230	12.6Z		*Do not			PART#	-151		IMI	1002	1003	1005	9001	1008	1009	1010	1011	1012	1013	1014	1017	1020	1021	7201	1026		717-996	948-696
FURPY STATE HFRR CYIL HFRD CYIL HYRD CYIL HYRD CYIL HYRD CYIL HYRD CYIL <		ü																																							
FUMP SIZE FFBR CH FEAD CDP FUMPY S.ZS WAMOD 80 40 1 100K FUMPY S.ZS KEMBKX SSO 77 1 226K FUGPY S.ZS STEMBKS FDD-100-5 40 1 100K FUGPY S.ZS STEMBKS FRS-4810 MSTER 77 2 1.2B FUGPY S. KEMEX RSS-4820 Z20V-SMJ 77 2 1.2B FUGPY S. KEME	豆	光														2														N	m	2		-				~	-		
TVPE SIZE MFBR CYL HEAD FLUPPY S.ZSF WAMGOO 80 40 1 FLUPPY S.ZSF WAMGOO 80 40 1 FLUPPY B. MEMEX SSO 77 1 FLUPPY B. REMEX RFS-4820 SLAVE 77 2 FLUPPY B. SLOR FLUPPY B. RFS-4800 77 2 FLUPPY B.			- Sm	- 5	- 5	- Sm	- 54	- 5	- Si	1	- Si	- Su	- Se	t	1	77	1	1	1	ı	,		3	1	1	- SH	•	i	1	ms 2	R	ns 2	.1	7 5	1	ı	1				
TYPE S1ZE NFGR NFGR CYL FLLPPY S. ZSF MANGOO 80 40 FLUPPY S. ZSF SIEMBRS 550 77 FLUPPY S. ZSF SIEMBRS FGD-100-5 40 FLUPPY S. ZSF SIEMBRS FGS-4820 SLAVE 77 FLUPPY S. ZSF SIEMBRS FGS-4820 SLAVE 77 FLUPPY S. ZSF TRADON TPH-100-4 80 FLUPPY S. ZSF TRADON TPH-100-4 80 FLUPPY S. ZSF TRADON TPH-100-4 80 FLUPPY S. ZSF TRADON TPH-100-2 40 FLUPPY S. ZSF TRADON TPH-100-2 4			370ms -	250a5 -	- Smoos	190mS -	190ms -	190mS -	190mS -	1	9146 -	- Sm07	- Suite	XO	i I	- 22	1	1	1	1	1.	-	I	1	1	155a5 -	1	i	1	85m5 2	- 23	40mS 2	1	30mS 7	1	i	t I				
TYPE SIZE NFGR NFGR FLOPPY 5.25F WANGOO 80 FLOPPY 8F NFD-100-5 FLOPPY 8F RENEX FS-4810 FLOPPY 8F RENEX FS-4820 FLOPPY 8F RENEX RF-4810 FLOPPY 8F RENEX RF-4810 FLOPPY 8F RENEX RF-4820 FLOPPY 8F SR-4860	ACCESS									400K				320/360K		t	- XXX	×00+	1.0H	1.04 - 1.	260K	- 5	1 - 101	350K X90K	1.08 - 1.09.1		- YORC	390K	1.2		ì				- YOK	360K	360K 300K	40mS	40mS	40mS	
TYPE SIZE NFGR NFGR FLOPPY 5.25F WANGOO 80 FLOPPY 8F NFD-100-5 FLOPPY 8F RENEX FS-4810 FLOPPY 8F RENEX FS-4820 FLOPPY 8F RENEX RF-4810 FLOPPY 8F RENEX RF-4810 FLOPPY 8F RENEX RF-4820 FLOPPY 8F SR-4860	CAP ACCESS									2 400K				2 320/360K	2 1.0#	t	2 400K	2 400K	2 1.04	2 1.0M	2 380K 2	5	- 51	2 380K	2 1.08		2 360K 2	2 360K	2 1.2 五1		ì		.1	7 42H	2 360K	2 350K	2 360K	40mS	40mS	40mS	
FLOPPY S. ZSF WANGOO FLOPPY S. ZSF WANGOO FLOPPY SF MEMOREX FLOPPY SF MEMOREX FLOPPY SF REMEX FLOPPY SF SEAGATE FLOPPY SF SF SF SEAGATE FLOPPY SF SF SF SEAGATE FLOPPY SF	HEAD CAP ACCESS	(FORMAT) TIME								80 2 400K		4 9.7用		40 2 320/360K	77 2 1,08	- 10H -	2	2	77 2 1.04	77 2 1.04		đ		40 2 350K	77 2 1.04	2 100	40 2 360K	40 2 360K	7	4 21H	2 1011 -	4 21H	.1	7 42H	2	40 2 360K	40 2 360K	4 24M 40m5	5 40M 40mS	5 42M 40mS	
FLUPPY 8: S.25F FLUPPY 8: S.25F FLUPPY 8: S.25F FLUPPY 8: S.25F FLUPPY 5: S.25F FLUPPY 5	HEAD CAP ACCESS	(FORMAT) TIME			40 I 100K	77 2 1.38	77 2 1.38	77 2 L.M.	五 1.3	90 2 400K		4 9.7用	77 . 2 1.04	40 2 320/360K	77 2 1.04	306 4 10M -	80 2	2	77 2 1.04	77 2 1.04		đ		40 2 350K	77 2 1.08	2 100	40 2 360K	40 2	7	4 21H	2 1011 -	4 21H	1 1	7 42H	2	40 2	40 2	4 24M 40m5	5 40M 40mS	5 42M 40mS	
TYPE FLOPPY FLOP	CYL HEAD CAP ACCESS	or IPI (FORMAT) TIME		77 1 250K	40 I 100K	77 2 1.38	77 2 1.38	77 2 L.M.	五 1.3	80 2	77 2 1.04	244 4 9.7H	220V 77 . 2 1.0M	40 2	77 2 1	306 4 10M -	80 2	80 2	77 2	77 2	-34 40 2	→ 98	306	40 2	1 77 2	612 2 10M	40 2	UI12-UH 40 2	2 88	615 4 21M	612 2 10H -	615 4 21H		699+15 7 42M	40 2	40 2	40 2	697 4 24M 40mS	925 5 40M 40mS	977 5 42M 40mS	
TYPE FLOPPY FLOP	MFGR CYL HEAD CAP ACCESS	MODEL or TPI (FORMAT) TIME	80 40 1 100K	550 77 1 256K	FDD-100-5 40 1 100K	RFS-4810 MASTER 77 2 1.2M	RFS-4820 SLAVE 77 2 1.2M	RFS4810 220v50HZ 77 2 1.2M	RFS4820 220V50HZ 77 2 1.2M	TN-100-4 80 2	F00-200-8P 77 2 1.0M	. 101 244 4 9.7H	FDD-100-5P 220V 77 2 1,0M	TM-100-2 40 2	54-860 77 2	2012 306 4 104 -	TM-100-4 W/DR SW 80 2	9409T 80 2	SA-860-1 77 2	242 77 2	SA-455-34A 40 2	4 900 7TCHIN	ST-412 306 4	M4851 40 2	M2896-63-02U 77 2	E III 3012 612 2 10M	JU-551-2 40 2	I MASSI-USS-UN 40 2	HI M4854 80 2	ST-225 615 4 21M	SQ-312R 612 2 10M -	ST-4026 615 4 21M		DK511-5 699+15 7 42H	GF-73159U 40 2	MF501A-301UD MAQ 40 2	JU-455-5460 40 2	94155-28 697 4 24M 40mS	94155-48 925 5 40M 40mS	ST-4051 977 5 42M 40mS	
	MFBR MFBR CVI HEAD CAP ACCESS	NAME MODEL or TPT (FORMAT) TIME	MANAGO 80 40 1 100K	550 77 1 256K	FDD-100-5 40 1 100K	REMEX RFS-4810 MASTER 77 2 1.2M	REPEX RFS-4820 SLAVE 77 2 1.2M	REMEX RFS4810 220050HZ 77 2 1.2M	RFS4820 220V50HZ 77 2 1.2M	TANDON TN-100-4 80 2	F00-200-8P 77 2 1.0M	. 101 244 4 9.7H	FDD-100-5P 220V 77 2 1,0M	TRAILIUN TM-100-2 40 2	SHUGART SA-860 777 2	MINISCRIBE 2012 306 4 10M -	TANDON TH-100-4 M/DR SM 80 2	CDC MPI 9409T 80 2	SHUGART 5A-860-1 77 2	QUINE 242 77 2	SALGGART SA-455-34A 40 2	4 900 71CHO 1110	SEAGATE ST-412 306 4	MITSUBISHI M4851 40 2	MITSUBISHI M2896-63-02U 77 2	MINISCRIBE III 3012 612 2 10M	NATSUSHITA JU-551-2 40 2	MITSUBISHI MABSI-ULIZ-UH 40 2	MITSUBISHI MARSA 80 2	SEAGATE ST-225 615 4 21M	SYQUEST SQ-312R 612 2 10M -	SEAGATE ST-4026 615 4 21M	OKIDATA	HITACHI DK511-5 699415 7 42M	OKTOATA GN-33158U 40 2	MITSUBISHI MF501A-301UD NKQ 40 2	PANASONIC (10-455-546C 40 2	CDC 94155-28 697 4 24M 40mS	CDC 94155-48 925 5 40M 40MS	SEAGATE ST-4051 977 5 42M 40mS	
	STZE NFGR NFGR CVL HEAD CAP ACCESS	NAME MODEL or TPT (FORMAT) TIME	S.25F MANGGO 80 40 1 100K	BF MEMOREY 550 77 1 256K	5.25F SIEMENS FUD-100-5 40 1 100K	OF REMEN RFS-4810 MASTER 77 2 1.2M	8F REVEX RFS-4820 SLAVE 77 2 1.2M	OF REMEX RFS4810 220V50HZ 77 2 1.2M	8F REMEX RFS4820 220/50HZ 77 2 1,2H	5.25F TANDON TN-100-4 80 2	8F SIEMENS F00-200-8P 77 2 1.0M	BF MEMOREX 101 244 4 9,7H	BF SIEMENS FDD-100-5P 220V 77 2 1.0M	5.25F TANDON TM-100-2 40 2	SH SHUGART SA-860 77 2	5.25F MINISCRIBE 2012 306 4 10H -	5.25F TANDON TM-100-4 W/DR SW 80 2	5.25F COC MPI 9409T 80 2	SHUGART SA-860-1 77 2	8H QUINE 242 77 2	5.25H SALGGRIT SA-455-34A 40 2	4 900 710HD IIII 177°C	5.25F SERGATE ST-412 306 4	5.25H MITSUBISHI M4851 40 2	BH MITSUBISHI M2896-63-020 77 2	5,25H MINISORIBE 111 3012 612 2 10M	5.25H MATSUSHITA JU-551-2 40 2	5.25H MITSUBISHI MABSI-UII2-UH 40 2	5.25H MITSUBISHI M4854 80 2	5.25H SEAGNTE ST-225 615 4 21M	5,25H SYRUEST SQ-312R 612 2 10M -	5.25F SEAGNTE ST-4026 615 4 21M	5.25H CKIDATA	5.25F HITACHI DX511-5 699415 7 42H	5,25T OKIDATA GN-33158U 40 2	5.25H MITSUBISHI MF501A-301UD NKQ 40 2	5.25H PANASONIC JU-455-546C 40 2	5.25F CDC 94155-28 697 4 24M 40mS	5.25F CDC 94155-48 925 5 40M 40mS	5.25F SEAGATE ST-4051 977 5 42M 40mS	