Service Bulletin

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Model : GP605 Series

No.: GP605-015
(FF-T01-K1-000031-01)

DATE: 10.09.99

Location : IMAGE PROCESSER PCB ASSEMBLY/MFC PCB ASSEMBLY

Subject : UPGRADING PROM PROGRAM OF IMAGE PROCESSER PCB ASSEMBLY/MFC PCB ASSEMBLY (IP VER. 20.11/MFC VER. 20.05, IP VER. 21.01/MFC VER. 21.02)

Reason : To communicate that the image processor PCB / MFC PCB ROM program has been upgraded for full system finisher compatibility and to correct a malfunction.

[History of ROM modifications]

Service Bulletin	Ver. No.		Description
	IP	MFC	
	Ver. 21.01	Ver. 21.02	IP: Correction of malfunction MFC: Change to printer compatibility specifications
	Ver. 20.11	Ver. 20.05	Full system finisher compatibility
GP605-010 Rev. 1	Ver. 10.12	Ver. 10.10	IP : For compatibility with LIPS IV
GP605-003 Rev. 1	Ver. 7.03	Ver. 7.03	IP : For compatibility with PDL kanji MFC : Correction of faults
———	Ver. 4.06	Ver. 6.02	MFC : Correction of faults
		Ver. 5.01	Early stage production version

Details : <Modifications in IP Ver. 20.11 >

No.	Item	Description
1	Prevention of cleaner lock	In order to prevent locking of the cleaner due to toner blocking, the speed of the fixing feeder fan was changed to full speed. Also, in order to respond to complaints on noise from users, a mode was added to switch the fan speed to full speed only in high humidity environments or when room temperature is 29°C or higher, and to half speed in normal environments. Service mode : COPIER/OPTION/BODY/FX-FANSW 0: After printing, controls the fixing fan at full speed 1: Switches to full speed only in high humidity environments or when room temperature is 29°C or higher, and to half speed in normal environments
2	Changed specifications regarding sort/non-sort when auto-sort is OFF	Changed output so that tray A output is output from tray B if 1 page data is flushed out of the printer by sort, because of requests from the field. Also, compatibility with reverse-direction printing by way of the copy paper sort/non-sort with an attached header. Sort: Output to tray B with total face-down delivery Non-sort: Output to tray A with face-up delivery with one document, and face-down delivery with multiple documents
3	Dealing with E110 in high altitude (low atmospheric pressure) environment	A problem was corrected in which the polygon motor was switched between full and half speed in quiet mode but where rotation would not drop due to low atmospheric pressure.

<Modifications in MFC Ver. 20.05 >

No.	Item	Description
1	Addition of system supervisor password clear process	Addition of system supervisor password clear process Service mode : COPIER/FUNCTION/CLEAR/PWD-CLR
2	Deletion of master password	In order to set apart the system supervisor, the only password able to be entered other than regular passwords is the system supervisor password, so the master password was removed.
3	Setting for time period in which to automatically delete mail boxes	Changed so that the time period for automatic deletion of mail boxes can be set without the imposition of set period of time. Service mode : COPIER/OPTION/MB-T-LIM
4	Prevention of cleaner lock	In order to prevent locking of the cleaner due to toner blocking, the speed of the fixing feeder fan was changed to full speed. Also, in order to respond to complaints on noise from users, a mode was added to switch the fan speed to full speed only in high humidity environments or when room temperature is 29°C or higher, and to half speed in normal environments. Service mode : COPIER/OPTION/BODY/FX-FANSW 0: After printing, controls the fixing fan at full speed 1: Switches to full speed only in high humidity environments or when room temperature is 29°C or higher, and to half speed in normal environments
5	Correction of malfunction in control panel key operation	1) On the sort screen, even if stapling was de-selected, automatic detection of document orientation was not cleared. This problem was corrected. 2) In the mailbox password setting screen, “Please enter password” was corrected to “Please set password.”

<Modifications in IP Ver. 21.01 >

No.	Item	Description
1	Correction of malfunction when full system finisher connected	If booklet printing was done with Paper Size=A4/LTR from the PCL driver with a combination of the printer board and the full system finisher, A4/LTR-H was fed and saddle stitching not performed. This problem was corrected.

<Modifications in MFC Ver. 21.02 >

No.	Item	Description
1	Change the method of operation for service mode control panel check	1) Addition of process to distinguish copying machine and printer models. 2) Correction made so that in the LCD check, the function is stopped by the clear key, not by the stop key according to the way this is done for the printer models. 3) Correction made so that, in the LED check, the order of the LED flashing on and off is done in the same sequence as the flashing on and off of the printer model's hard key.

Service Parts :

No.		Description	Part number	Q'ty		Inter-change-ability	P.C.
1	Old	IMAGE PROCESSOR PCB	FG6-1911-000	1→0		No Yes	905-1
	New	IMAGE PROCESSOR PCB	FG6-1911-090	0→1			
2	Old	DIMM ASS'Y MBM29F080-90PFTN	FG6-1922-000	1→0		No Yes	905-1
	New	DIMM ASS'Y MBM29F080-90PFTN	FG6-1922-210	0→1			
3	Old	IMAGE PROCESSOR PCB	FG6-1952-000	1→0		No Yes	905-1
	New	IMAGE PROCESSOR PCB	FG6-1952-090	0→1			
4	Old	IMAGE PROCESSOR PCB	FG6-1953-000	1→0		No Yes	905-1
	New	IMAGE PROCESSOR PCB	FG6-1953-090	0→1			
5	Old	IMAGE PROCESSOR PCB	FG6-5323-000	1→0		No Yes	905-1
	New	IMAGE PROCESSOR PCB	FG6-5323-090	0→1			
6	Old	MFC PCB ASSEMBLY	FG6-1916-000	1→0		No Yes	905-1
	New	MFC PCB ASSEMBLY	FG6-1916-090	0→1			
7	Old	MFC PCB ASSEMBLY	FG6-3565-000	1→0		No Yes	905-1
	New	MFC PCB ASSEMBLY	FG6-3565-090	0→1			
8	Old	MFC PCB ASSEMBLY	FG6-3566-000	1→0		No Yes	905-1
	New	MFC PCB ASSEMBLY	FG6-3566-090	0→1			
9	Old	MFC PCB ASSEMBLY	FG6-1917-000	1→0		No Yes	905-1
	New	MFC PCB ASSEMBLY	FG6-1917-090	0→1			
10	Old	MFC PCB ASSEMBLY	FG6-1918-000	1→0		No Yes	905-1
	New	MFC PCB ASSEMBLY	FG6-1918-090	0→1			

No.		Description	Part number	Q'ty		Inter-change-ability	P.C.
11	Old	MFC PCB ASSEMBLY	FG6-1919-000	1→0		No Yes	905-1
	New	MFC PCB ASSEMBLY	FG6-1919-090	0→1			
12	Old	DIMM ASS'Y MBM29F080-90PFTN	FG6-1955-000	1→0		No Yes	905-1
	New	DIMM ASS'Y MBM29F080-90PFTN	FG6-1955-210	0→1			
13	Old	DIMM ASS'Y MBM29F080-90PFTN	FG6-1956-000	1→0		No Yes	905-1
	New	DIMM ASS'Y MBM29F080-90PFTN	FG6-1956-210	0→1			
14	Old	DIMM ASS'Y MBM29F080-90PFTN	FG6-1957-000	1→0		No Yes	905-1
	New	DIMM ASS'Y MBM29F080-90PFTN	FG6-1957-210	0→1			
15	Old	DIMM ASS'Y MBM29F080-90PFTN	FG6-1958-000	1→0		No Yes	905-1
	New	DIMM ASS'Y MBM29F080-90PFTN	FG6-1958-210	0→1			
16	Old	SYSTEM BOX ASSEMBLY	FG6-1961-000	1→0		No Yes	900-1
	New	SYSTEM BOX ASSEMBLY	FG6-1961-090	0→1			
17	Old	SYSTEM BOX ASSEMBLY	FG6-1962-000	1→0		No Yes	900-1
	New	SYSTEM BOX ASSEMBLY	FG6-1962-090	0→1			
18	Old	SYSTEM BOX ASSEMBLY	FG6-1963-000	1→0		No Yes	900-1
	New	SYSTEM BOX ASSEMBLY	FG6-1963-090	0→1			
19	Old	SYSTEM BOX ASSEMBLY	FG6-1964-000	1→0		No Yes	900-1
	New	SYSTEM BOX ASSEMBLY	FG6-1964-090	0→1			
20	Old	SYSTEM BOX ASSEMBLY	FG6-3563-000	1→0		No Yes	900-1
	New	SYSTEM BOX ASSEMBLY	FG6-3563-090	0→1			
21	Old	SYSTEM BOX ASSEMBLY	FG6-3564-000	1→0		No Yes	900-1
	New	SYSTEM BOX ASSEMBLY	FG6-3564-090	0→1			

Affected machines:

		[IP Ver. 20.11/MFC Ver. 20.05]	[IP Ver. 21.01/MFC Ver. 21.02]
230V	F13-5621	PLE00232 and later	PLE00232 and later
	F13-5641	PLP00224 and later	PLP00254 and later
	F13-5651	QLE00946 and later	QLE00946 and later
	F13-5661	RLE00137 and later	RLE00175 and later
	F13-5671	SLE00563 and later	SLE00563 and later
	F13-5681	TLE00318 and later	TLE00318 and later
	F13-5691	ULE01376 and later	ULE01376 and later