

Important

Model : GP605 /GP555
 ①Add ➔ GP605P

Ref. No. : FF-T01-K1-000041-UK2

Date : March 3, 2000

REVISED

FF-T01-K1-000041-01(February 4, 2000): Addition of information / affected machine numbers, ①x2 on pp. 1, 5.

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Location : FIXING UNIT

Important

Subject : FIXING UNIT SPADE CONNECTOR ASSEMBLY LEAK COUNTERMEASURE

Reason : Parts replacement for the prevention leak in the fixing heater spade connector assembly and rear plate.

Details : <Symptom>

After repeated installation and removal of the fixing/ feeding unit, or replacement of the fixing heater, the heater terminal at the rear of the fixing heater gets bent out of shape so that there is insufficient clearance between the heater terminal and the rear plate, causing the lead wire to contact the main unit rear plate. If the spade connector protective tube covering the lead wire is broken, it will create a short circuit with the rear plate, possibly causing leak.

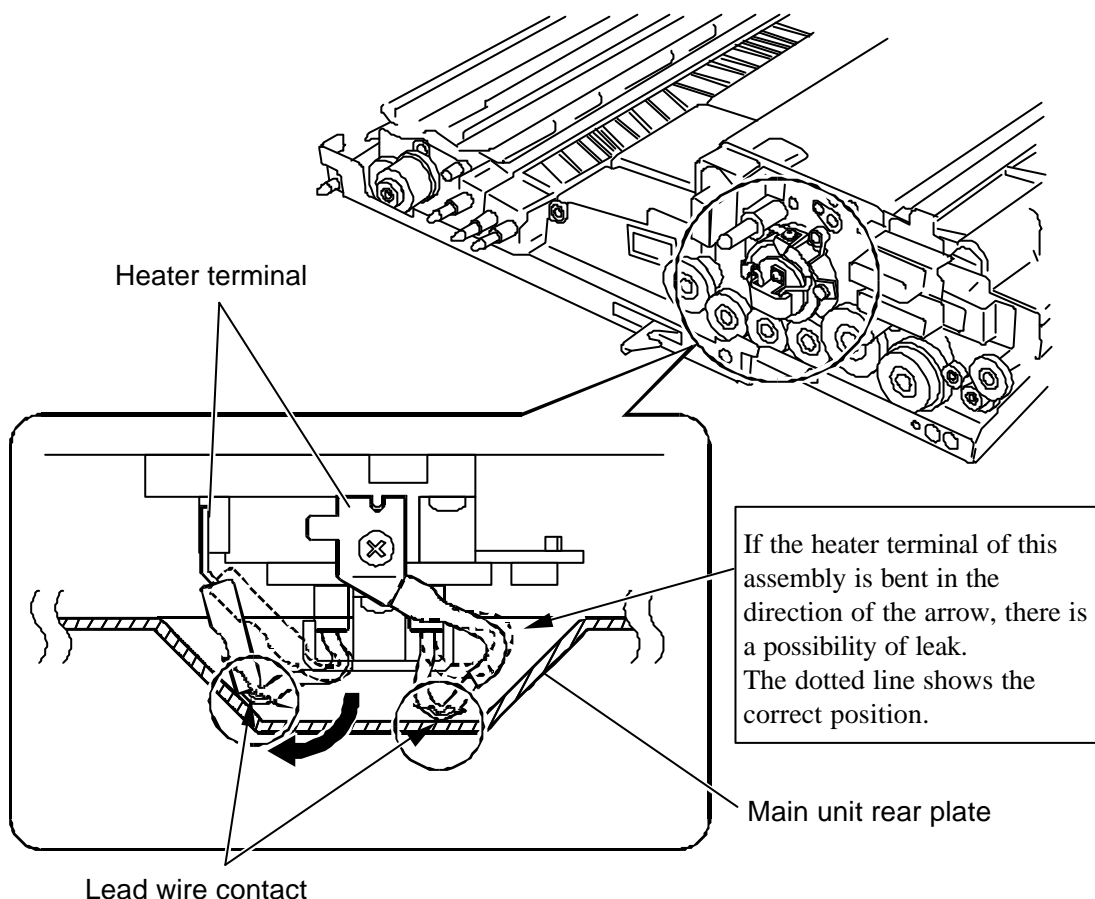


Fig. 1

Servicing : The following measures should be carried out on periodic inspection.

- 1) Lower the fixing unit/ paper feed unit
- 2) Remove the terminal cover. (Two screws)

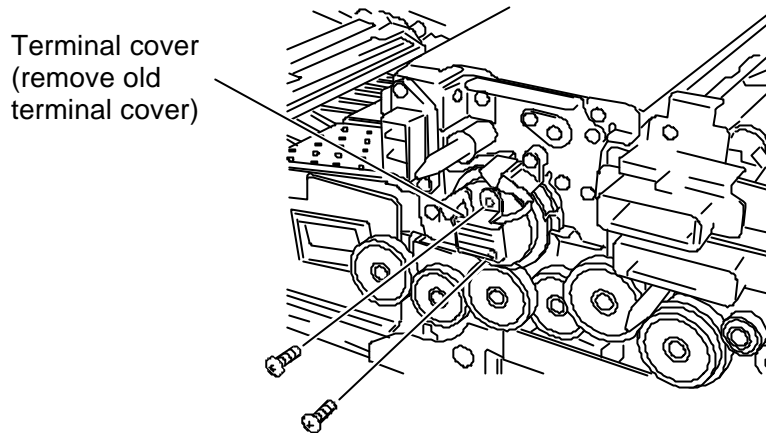


Fig. 2

- 3) Remove the screw from the spade connector assembly of the fixing heater. Remove the spade connector from the spade connector terminal.

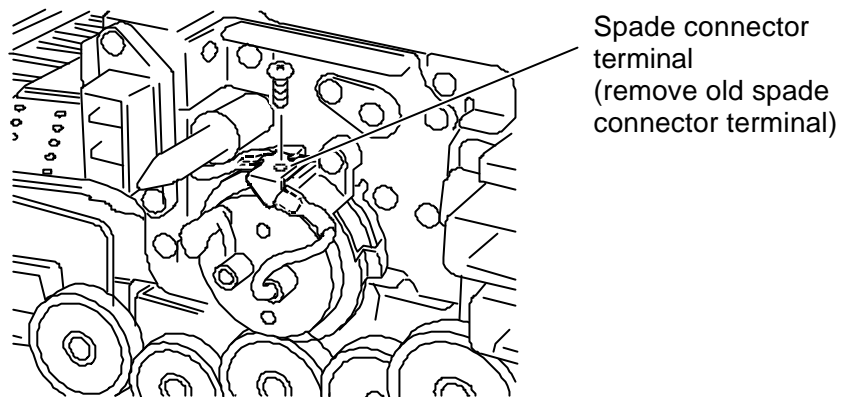


Fig. 3

Removal and replacement of the spade connector:

- ① Roll paper or cloth around the tips of a pair of radio pliers (so as not to damage the protective tube).
- ② Grip the narrow part of the spade connector with the paper/ cloth covered pliers.
- ③ Carefully remove the spade connector, or replace it.

- 4) Remove the screw from the spade connector assembly on one side of the fixing heater, and remove the spade connector from the spade connector terminal.

Spade connector
terminal
(remove old spade
connector terminal)

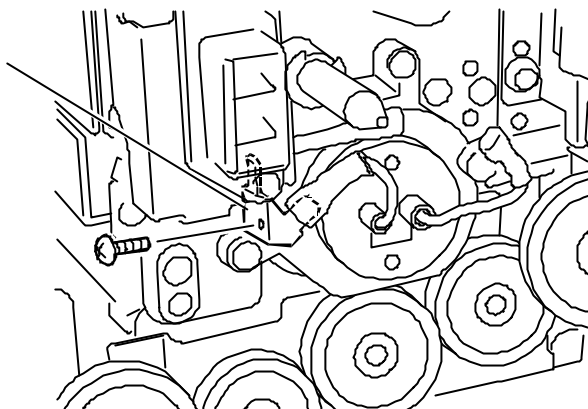
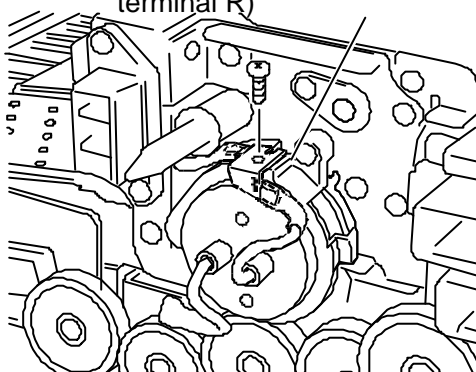


Fig. 4

- 5) Fit the spade connector onto the distributed spade connector terminal, and secure with a screw. (Two locations: The spade connector terminals are marked L and R, so that they may be easily identified. Install the terminals that are marked R on top and L on the left.)

Spade connector terminal R
(install new spade connector
terminal R)



Spade connector terminal L
(install new spade connector
terminal L)

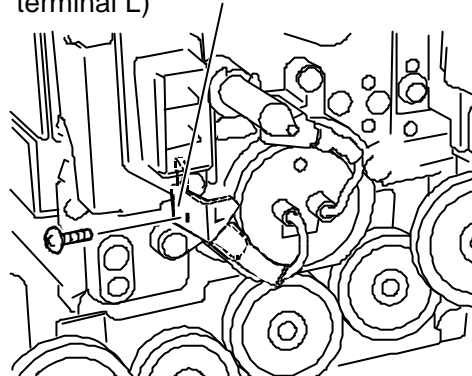


Fig. 5

- 6) Secure the distributed terminal covers with the screw removed in procedure 2.

Terminal cover
(attach new terminal
cover)

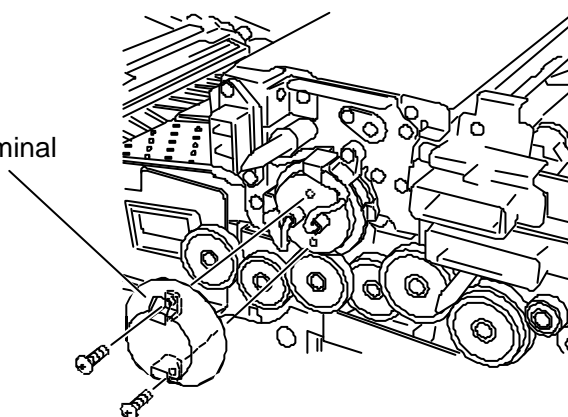


Fig. 6

7) Re-attach fixing/ feeding unit.

<Factory countermeasure>

Temporary countermeasure: Mylar tape to be attached to the rear plate in order to prevent leak in the event of contact with the terminal wire.

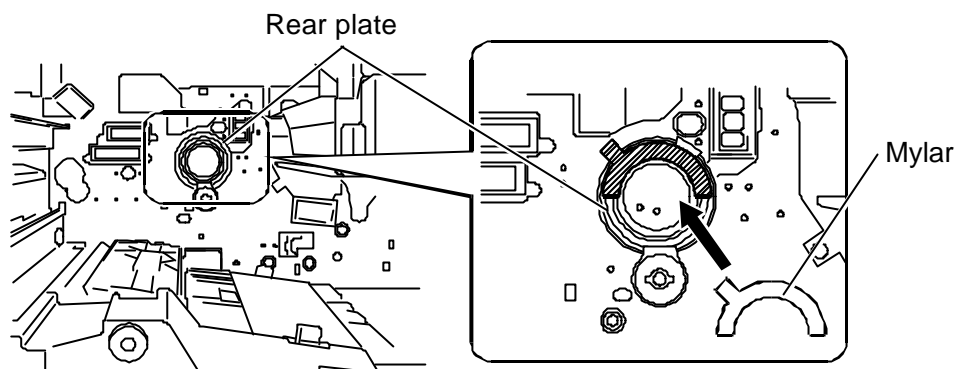


Fig. 7

Permanent countermeasure: The same as the field fix described above. Spade connector terminal modification and terminal cover addition.

Service Parts


:

No.	Description		Part number	Q'ty	Stock	Inter-change-ability	PC. ----- Stock date
1	Old	TERMINAL, HEATER	FB4-2187-000	1→0	A	↓*1↑	810-34
	New	TERMINAL, HEATER	FB5-4335-000	0→1	D	↓ ↓	
2	Old	TERMINAL, HEATER	FB4-2188-000	1→0	A	↓ ↑	810-35
	New	TERMINAL, HEATER	FB5-4336-000	0→1	D	↓ ↓	
3	Old	COVER, HEATER	FB4-2222-000	1→0	A	↓ ↑	810-53
	New	COVER, HEATER	FB5-4337-000	0→1	D	↓ ↓	
4	Old	FIXING ASSEMBLY	FG6-2261-000	1→0	A	↓ ↑	810
	New	FIXING ASSEMBLY	FG6-2261-150	0→1	D	No Yes	
5	Old	FIXING ASSEMBLY	FG6-2262-000	1→0	A	↓ ↑	810
	New	FIXING ASSEMBLY	FG6-2262-150	0→1	D	No Yes	
6	Old	FIXING ASSEMBLY	FG6-2263-000	1→0	A	↓ ↑	810
	New	FIXING ASSEMBLY	FG6-2263-150	0→1	D	No Yes	
7	Old	FIXING ASSEMBLY	FG6-2264-000	1→0	A	↓ ↑	810
	New	FIXING ASSEMBLY	FG6-2264-150	0→1	D	No Yes	

*1: Three parts to be replaced simultaneously. Therefore, these parts are interchangeable.

NB: FY7-0350-000 to be distributed as field countermeasure. This part includes FB5-4335, FB5-4336, and FB5-4337.

Affected machines:

Temporary countermeasure: ~~To be communicated as soon as~~  ①

GP555	AMS	F13-5692	CNC01151 and later
	FRN	F13-5672	BNC00361 and later
	GER	F13-5682	ANC00202 and later
	ITA	F13-5622	FNC00181 and later
	UK	F13-5652	DNC00901 and later
GP605	AMS	F13-5697	CMC00775 and later
	CA	F13-5661	RLE00398 and later
	FRN	F13-5677	BMC00541 and later
	GER	F13-5687	AMC00430 and later
	ITA	F13-5627	FMC00221 and later
	UK	F13-5657	DMC01001 and later
	GENERAL	F13-5641	PLP00489 and later
GP605P	AMS	F13-5695	COD00067 and later
	FRN	F13-5675	BOD00022 and later
	GER	F13-5685	AOD00022 and later
	ITA	F13-5625	FOD00016 and later
	UK	F13-5655	DOD00158 and later

Permanent countermeasure : To be communicated as soon as identified.