

Model : GP605

GP555

Ref. No. : FF-T01-K1-000053-02

Date : August 3, 2000

REVISED

FF-T01-K1-000053-01(May 17, 2000): Full page replacement, p. 1-6.

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Location : FLUORESCENT LAMP HEATER (NO. 1 MIRROR SEAT)

Subject : PERMANENT AND TEMPORARY MEASURES AGAINST LIGHT IMAGES CAUSED BY ROTATION OF THE FLUORESCENT LAMP HEATER

Reason : After some period of use, the fluorescent lamp heater starts to rotate, and close the opening for light, resulting in light images in some cases.
This bulletin is prepared to provide field measures against the problem.

Details : <Symptom>
As time goes by, the heater starts to move around the fluorescent lamp clockwise. It may block the opening for light, resulting in light image.

<Cause>

The force generated by the cable attached to the fluorescent lamp heater makes the fluorescent lamp heater rotate.

<Factory measure>

Temporary measures

(Since the permanent measure becomes definite, there is no need to take the temporary measures any more.)

- 1) Make a loop in the middle of the cables so that less force of the cables will be applied to the fluorescent lamp heater. (Same as the measures provided as part of servicing work.)
- 2) Shorten the cables of the fluorescent lamp heater so that the force will not be generated.

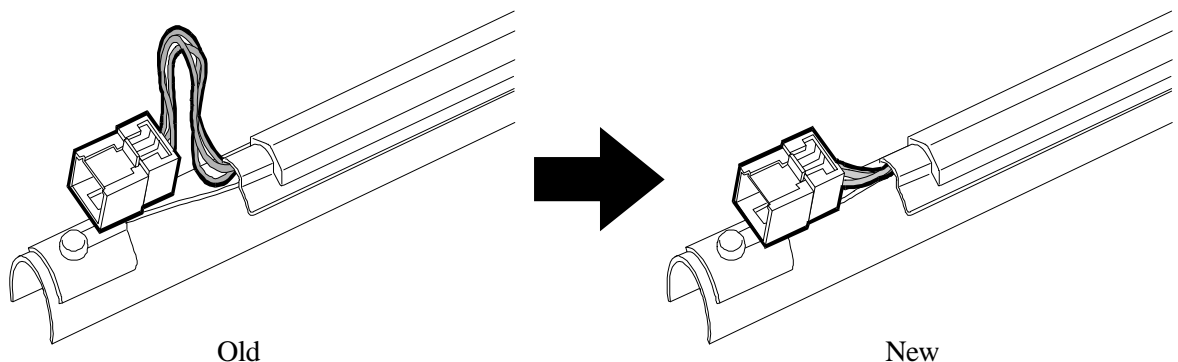


Figure 1

Permanent measures

Change the shape of the heater stopper to reinforce the stopper so that the fluorescent lamp heater will not rotate. Along with this change, the shape of the reflecting support plate to which the heater stopper is attached is changed as well.

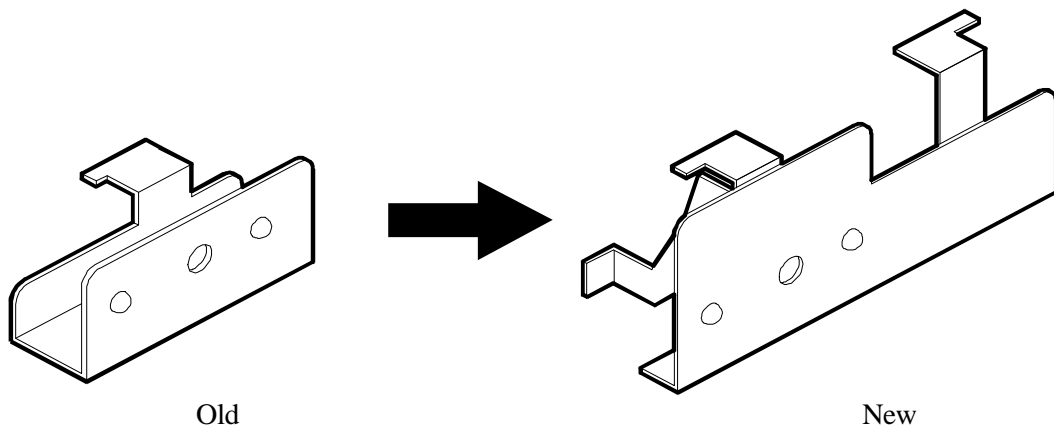


Figure 2: Change of the shape of the heater stopper

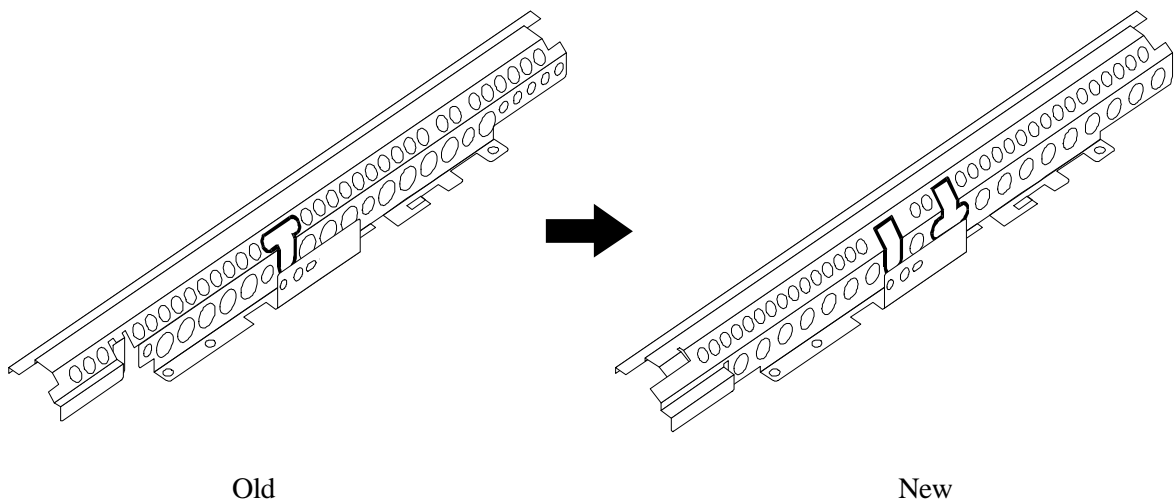
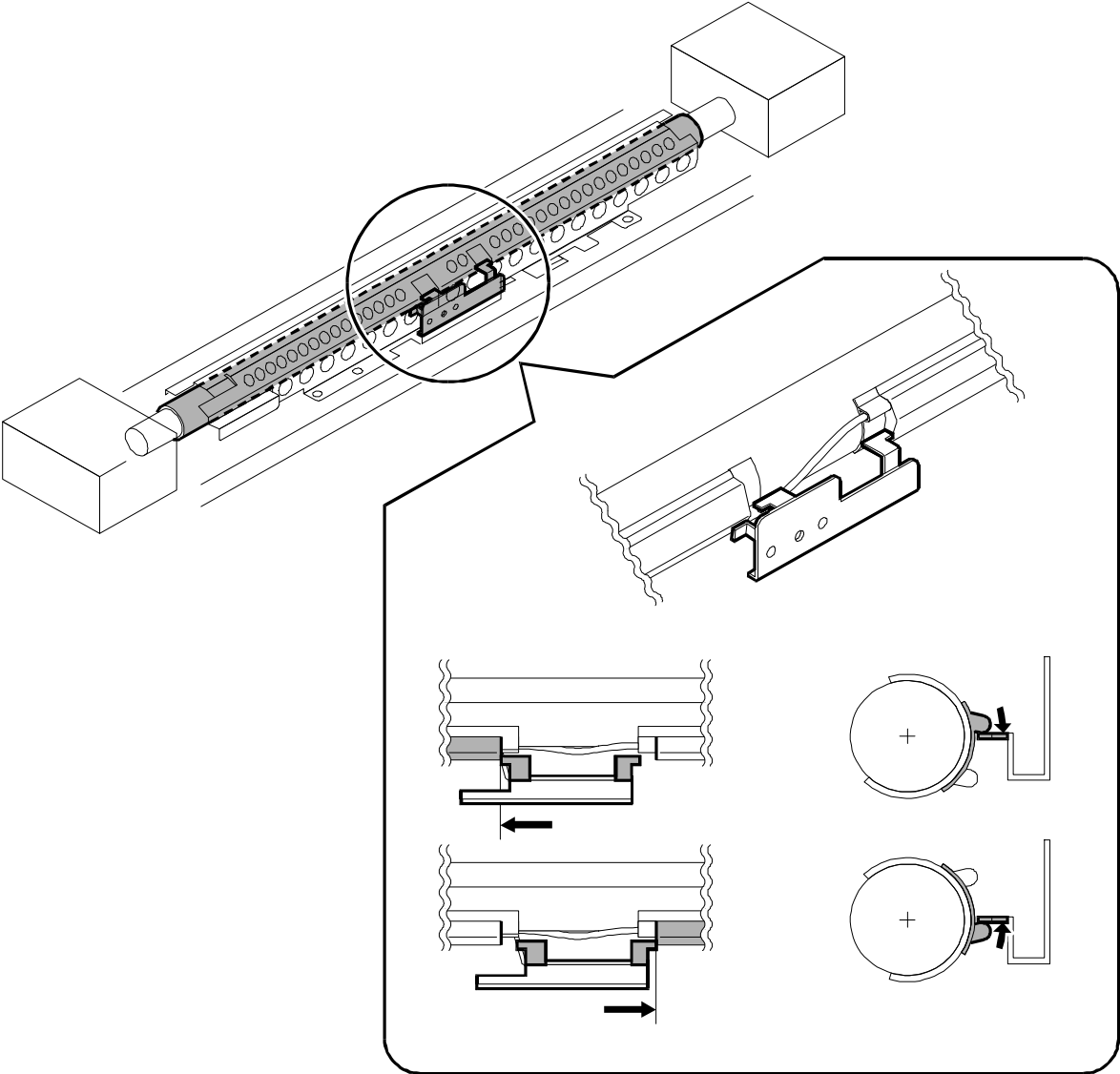


Figure 3: Change of the shape of the reflecting support plate

Note 1: Before taking this measure, be sure to verify the position of the fluorescent lamp heater. If the heater is out of position, move it in position. (See Figure 5)

Effect of the measure:

The heater stopper is used to prevent a fluorescent lamp heater from moving up and down, and left and right as described below.



Prevent the heater from moving left and right.

Prevent the heater from moving up and down.

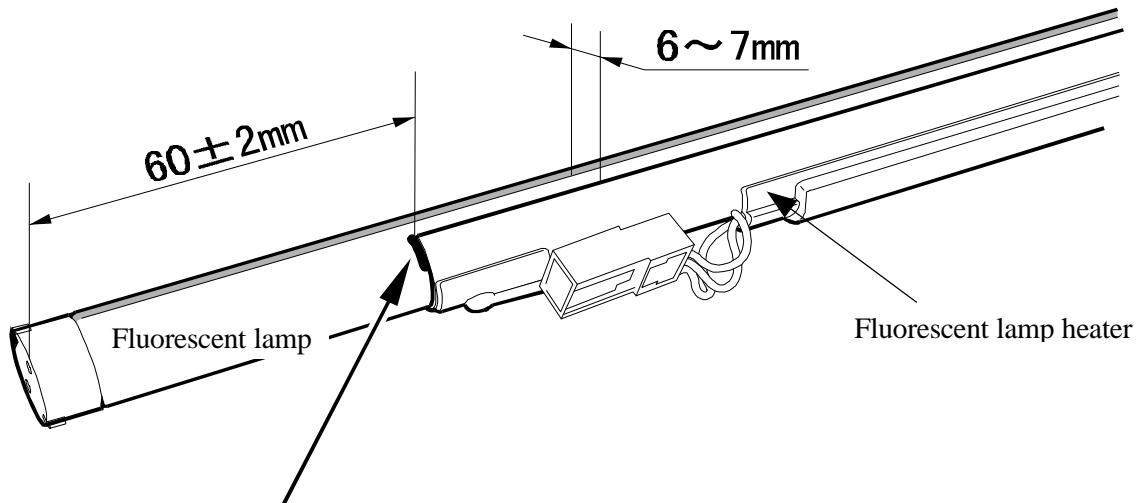
Figure 4

Servicing Work :

No need to take following measures to the machines to which the permanent measure has been already taken.

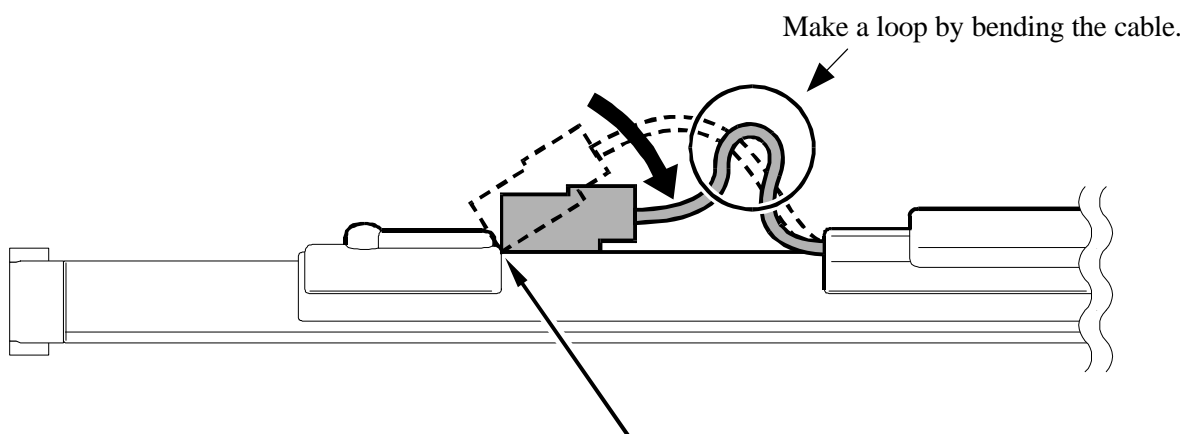
Temporary measures :

- 1) Remove the fluorescent lamp (including the fluorescent lamp heater) from the machine.
- 2) Check whether the fluorescent lamp heater is located as in Figure 5.
- 3) If the fluorescent lamp heater is out of position, correct its position by referring to Figure 5.



Butt the corner of the fluorescent lamp heater to the line on the fluorescent lamp. Figure 5

- 4) Butt the edge of the connector of the fluorescent lamp heater to the step as in Figure 6.
- 5) Push the connector against the heater, and bend the excess part of the cable as in Figure 6 to make a loop.



Hooking the connector to this step, attach it to the heater.

Figure 6

- 6) Hold together the fluorescent lamp and the connector with your left hand, and bring the cables, which are already bent and looped, down to the front with your right hand (so that the loops will face down when the fluorescent lamp is mounted to the machine).

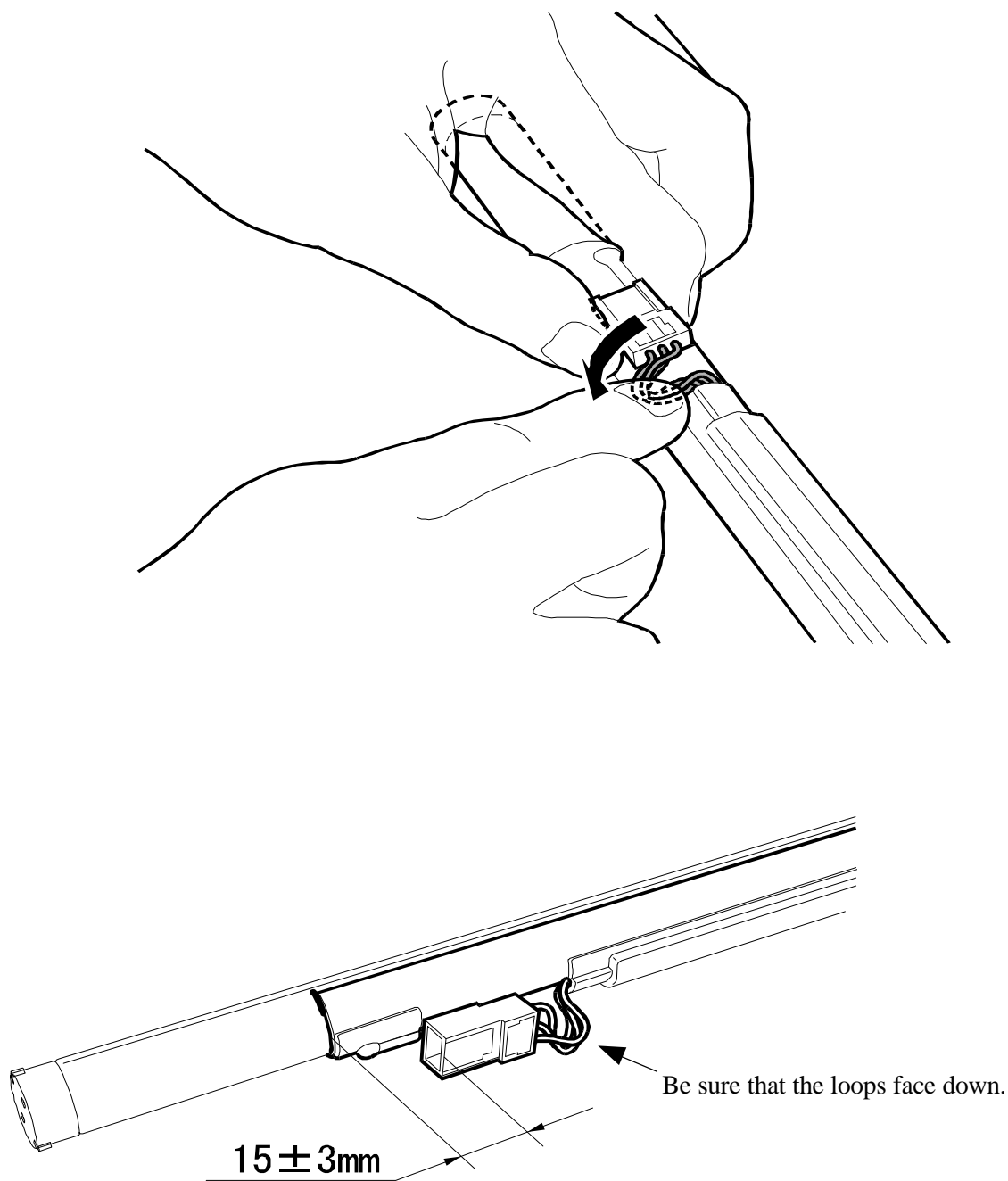


Figure 7: After making loops

- 7) Hold the fluorescent lamp (including the fluorescent lamp heater) while keeping the loops intact, and mount it to the machine.

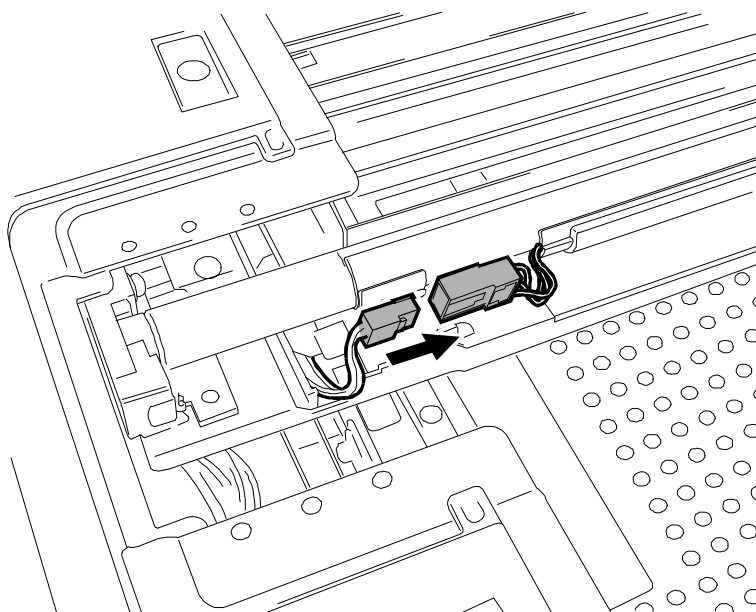


Figure 8

Service Parts :

No.	Description		Part number	Q'ty	Stock	Inter-change-ability	PC. ----- Stock date
1	Old	MIRROR ASSEMBLY 1	FG6-2036-000	1→0	C	↓ ↑ No Yes	420
	New	MIRROR ASSEMBLY 1	FG6-2036-040	0→1	D		
2	Old					↓ ↑ *1	420
	New	HEATER STOPPER	FB5-4345-000	0→1	D		
3	Old					↓ ↑ ↓ ↑	420
	New	SUPPOR PLATE, REFLECTOR	FB4-0790-000	0→1	D		

*1: Interchangeable by replacing all two parts at the same time.

Affected machines:

Temporary measures 1) : F13-5631 NLE15321 (Next lot)
 F13-5638 NNT13048 and later
 F13-5641 PLP00614 and later
 F13-5661 RLE00398 and later

Temporary measures 2) : Under arrangement.

Permanent measures : F13-5631 NLE15321 (Next lot)
 F13-5628 NNT14995 and later
 F13-5641 PLP00659 (Next lot)
 F13-5661 RLE00458 (Next lot)