

Model : GP605

Ref. No. : FF-T01-K1-000014-01

Date : April 23, 1999

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Location : DEVELOPER

Subject : COUNTERMEASURES FOR A DEVELOPER HAVING A PROBLEM OF CAUSING LIGHT OR COMPLETELY BLANK IMAGE

Reason : To communicate procedures for countermeasures regarding the possibility of light or completely blank image occurring due to scraping of the developer washer which causes electrical leaks.

Details : <Symptom>
Light or completely blank image sometimes occur depending on the workload in terms of the copy volume achieved to date.

<Cause>

A washer which has been added (to the space between the electrode positioning plate and the developer sleeve) as a countermeasure for preventing noise may scrape off over a period of time, and then the broken fragments falling into the die-cast section of the main unit could result in electrical leaks.

<Factory measure>

Temporary countermeasure: Remove the washer which has been used to prevent noise.

* If there is a space of 0.2mm between the electrode positioning plate and the developer sleeve, noise will not occur even upon removing the washer.

Servicing : < Procedure >

- 1) Remove the screw.
- 2) Remove the electrode positioning plate.
- 3) Remove the washer.
- 4) Clean the pressure roller.

Caution: There can be recurrence of the problem for developers which have had light or completely blank image occurring, and for this reason replace the pressure roller.

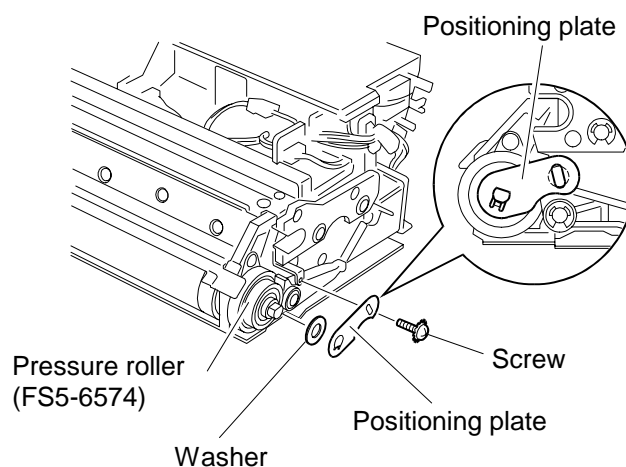


Fig. 1

- 5) Insert the spacer (for example, OHP sheet of about 0.2mm thickness) and place the electrode positioning plate.
- 6) Tighten the screw.
 - * Since there is a magnet in the developer sleeve roller, tighten the screw at the natural position without going against the effect of the magnet.

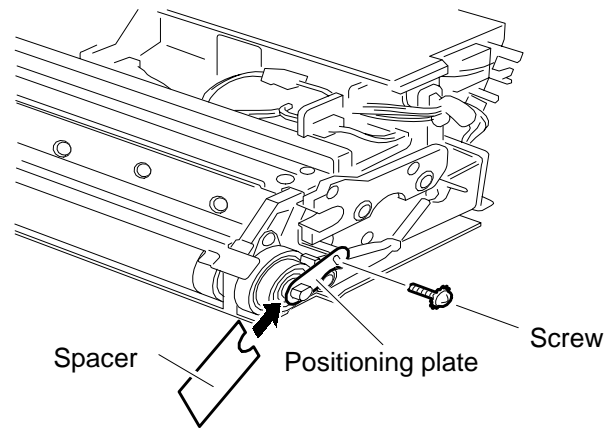


Fig. 2

Caution: In attaching the electrode positioning plate, exercise caution not to raise it up or bend it.

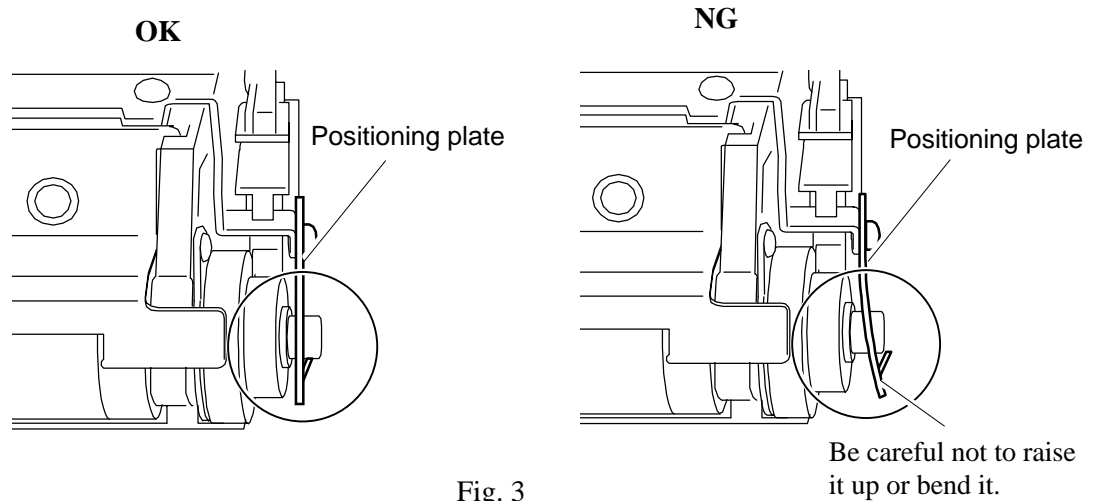


Fig. 3

Affected machines:

Affected machines

PLE00027 ~ PLE00102
 NLE00848 ~ NLE01858
 PLP00007 ~ PLP00048
 QLE00052 ~ QLE00245
 RLE00017 ~ RLE00039
 SLE00235 ~ SLE00371
 TLE00082 ~ TLE00139
 ULE00362 ~ ULE00536

A round yellow label has been attached to the outside of boxes for modified machines.