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Copier B/W

Hardware

Model:

iR5055
iR5055N
iR5065
iR5065N
iR5075N

Ref No.:

iR5075-007 Rev. 1
(F1-T01-N03-10020-02)

Date:

September, 2007

Revised:

Addition of Affected machines.

Location:

Fixing Assembly

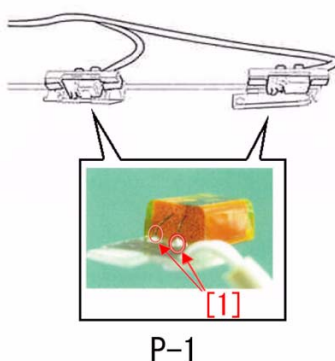
Subject:

Measures against E001/E004 errors due to open circuit of the Fixing Thermistor

Detail:

Due to the breakage [1] of Dumet Wire of the Fixing Thermistor, E001 (abnormal rise in temperature)/ E004 (IH Power error/ IH Control Mechanism error) may occur.

- E001-0001: the Main Thermistor or the Sub Thermistor has been identified as being faulty, or an open circuit has been detected.
- E0001-0003: the reading is not 150 deg C or higher or 210 deg C or lower within 30 sec.
- E004-0204: the 12V Power Supply (IH relay) is identified as being OFF.

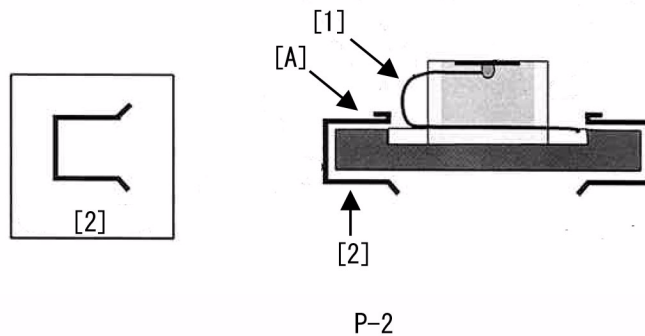


P-1 Thermistor

[1] Wire-breaking

Factory measures

Change the routing of the Dumet Wire [1]. In addition, because the distance between the Dumet Wire and the Spring becomes small, replace the old-type Spring [2] with the new-type Spring whose shape has been changed like [A] at the same time.



P-2 Cross-section of the Thermistor

[1] Dumet Wire

[2] Old-type Spring

[A] New-type Spring which shape has been changed

Servicing work:

When foregoing symptom occurs, replace with the new-type Thermistor and the new-type Spring at the same time. In addition, register the Thermistor Assembly (FM2-9766) that consists of the Thermistor, the 4 Springs and the Instruction Sheet as a service part.

Points to note about Service work:

After implementing the foregoing measures, clear the error by making the following selections: COPIER > FUNCTION > CLEAR > ERR.

Service parts:

No.		Parts Number	Description	Q'ty	I.C.	P.C. page
1	Old	FK2-5252-000	Thermistor	1->0	N	810
	New	FM2-9766-000	Thermistor ass'y	0->1	Y	
2	Old	FA5-4403-000	Spring	4->0	N	810
	New	FC7-7800-000		0->4	Y	
3	Old	FM2-9733-000	Fixing assembly	1->0	N	810
	New	FM2-9733-010		0->1	Y	

Affected machines:

iR5055 120V : MAS04569 and later
 iR5055 230V : MAU00235 and later
 iR5065 120V : TVW02801 and later
 iR5065 230V : TVY00076 and later
 iR5075 120V : TVP01967 and later
 iR5075 230V : TVR00045 and later

定着サーミスタユニット交換時は以下の指示に従うこと。

Follow the instructions described below when replacing the fixing thermistor unit.



定着サーミスタユニット交換時は、同梱されている板バネ（4個）も同時に交換すること。

古い板バネを用いると、センサーに接触しエラー等の誤検知を引き起こす原因となる恐れがある。

When replacing the fixing thermistor unit, replace the included leaf spring (4 pieces) simultaneously.

If using an old leaf spring, it may cause the error or detection failure due to contact with the sensor.