

Model:

iR5570

iR6570

Ref No.:

iR6570-004

(F1-T01-0M5-10019-01)

Date:

August, 2005

Location:

Transfer/ Separate Corona Assembly

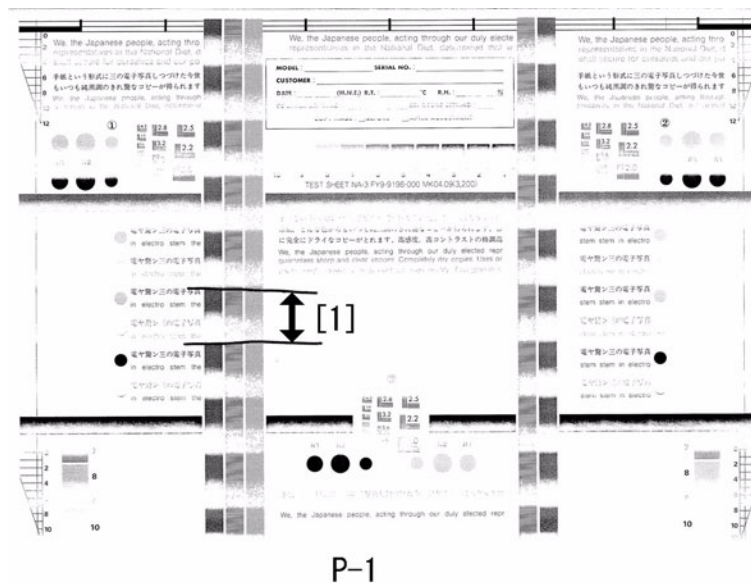
Subject:

Image void at 22mm intervals in main scanning direction, caused by a leak in the Transfer/ Separate Corona Assembly

Detail:

<Symptom>

Image void occurs at approx. 22mm intervals and ALARM CODE "300002" is displayed.

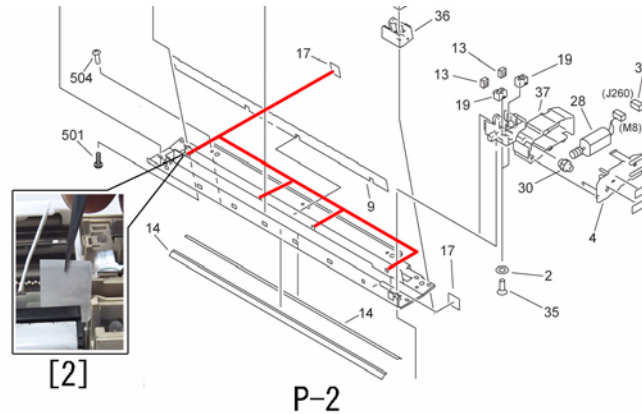


P-1 Image void at 22mm intervals

[1] 22mm

<Cause>

Since the process speed was increased starting with the iR5000 series, the output level of high voltage was also increased; however, a margin for high voltage leakage was reduced. This causes high voltage leakage depending on the position to which the Corona sheet 2 is affixed, resulting in image void at 22mm intervals.



P-2 Transfer/ Separate Corona Assembly

[2] Position where the Corona sheet2 is applied

Service Work:

When the above-mentioned symptom occurs, remove the Transfer/ Separate Corona Assembly from the Main Unit and apply the Corona sheet 2, referring to "Service Manual > 7.Image Formation > 7.10.15 Transfer/ Separation Charging Assembly".

Work procedure

1. When a 22mm interval image occurs, check "COPIER > DISPLAY > ALARM-2" in Service Mode (Level 1) and make sure that "300002" (transfer leak) is displayed in CODE.

Canon Remote Operation Viewer - 172.16.181.249

ファイル(F) 表示(V) ヘルプ(H)

Display I/O Adjust Function Option Test Counter

<ALARM-2> < 1/ 7 > < READY >

No.	DATE	TIME1	TIME2	CODE	DTL	CNTR
01	0712	1653	1654	300002	0000	19774
02	0712	1648	1648	300002	0000	19774
03	0712	1645	1646	300002	0000	19774
04	0701	0827	0827	300002	0000	18657
05	0701	0825	0826	300002	0000	18657
06	0701	0825	0825	300002	0000	18654
07	0623	0935	1923	330001	0000	18256
08	0509	1852	1852	300002	0000	13679

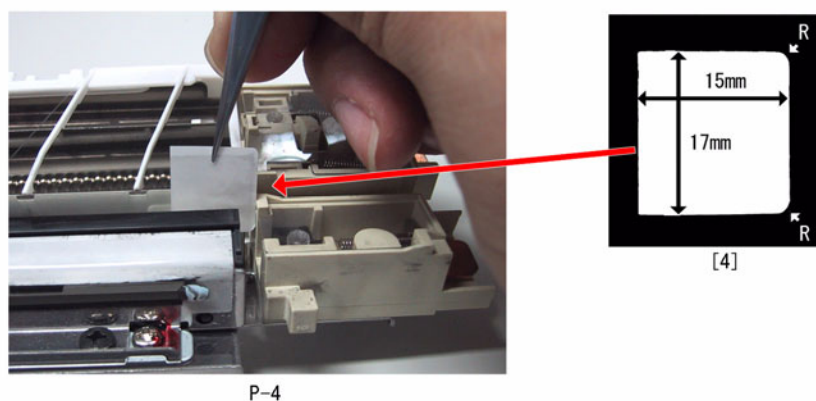
← →

P-3 [3]

P-3 ALARM CODE screen

[3] ALARM CODE

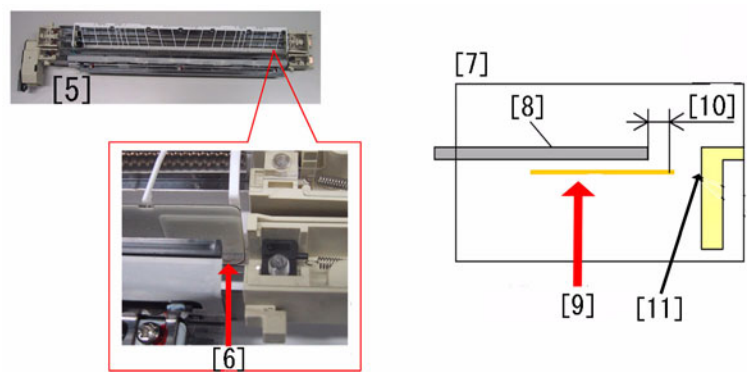
2. Make sure that there is no dirt or lint in the Transfer/ Separate Corona Assembly and clean it with an air-blow tool, etc., if any.
3. As shown in the figure below, apply the Corona sheet 2 in the vertical direction to the Metal sheet which is located on the backside of the Transfer/ Separate Corona Assembly and has a plastic sheet.



P-4 Area where the Corona sheet2 is applied in the Transfer/ Separate Corona Assembly

[4] Corona sheet 2 (FB2-7968)

Standard for applying the sheet



P-5

- P-5 Standard for applying the Corona sheet2
- [5] Transfer/Separate Corona Assembly
- [6] Insert the Corona sheet 2 until it contacts the Lower Sheet metal.
- [7] Overhead view
- [8] Sheet metal
- [9] Position to apply the sheet
- [10] The edge of the sheet should be off to the side of the sheet metal by 0.5mm or more.
- [11] The sheet should not contact the block

4. Set the Transfer/ Separate Corona Assembly to the Main Unit. Copy an image and make sure that a 22mm interval image does not occur and that "3000002" is not displayed in alarm history.

Service parts:

	Part number	Description	Q'ty	P.C.
Old				580
New	FB2-7968-000	Corona sheet 2	0->1	