

Model:
iR5570
iR6570

Ref No.:
iR6570-004
(F1-T01-0M5-10019-01)

Date:
August, 2005

Location:

Transfer/ Separate Corona Assembly

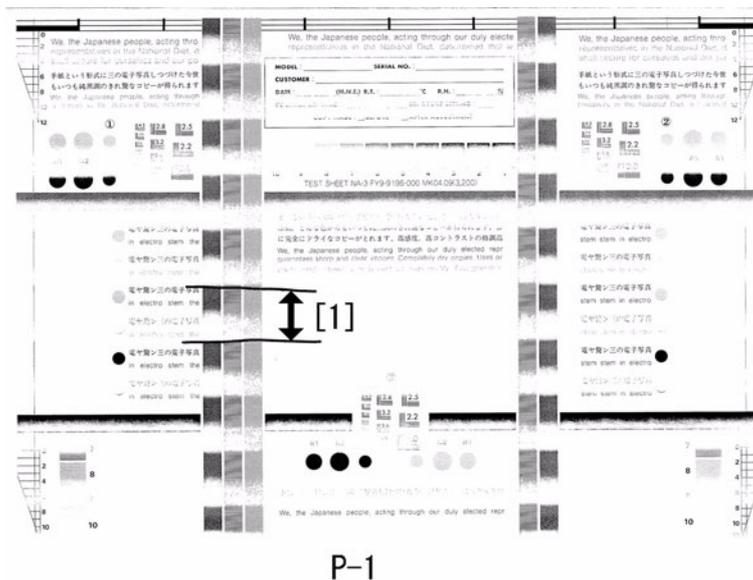
Subject:

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

Detail:

<Symptom>

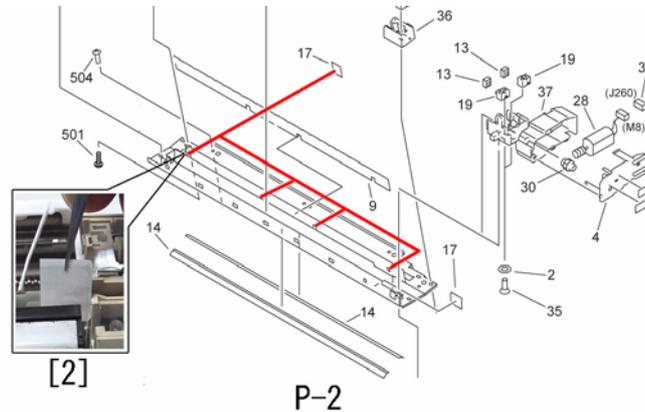
Image void occurs at approx. 22mm intervals and ALARM CODE "300002" is displayed.



- 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

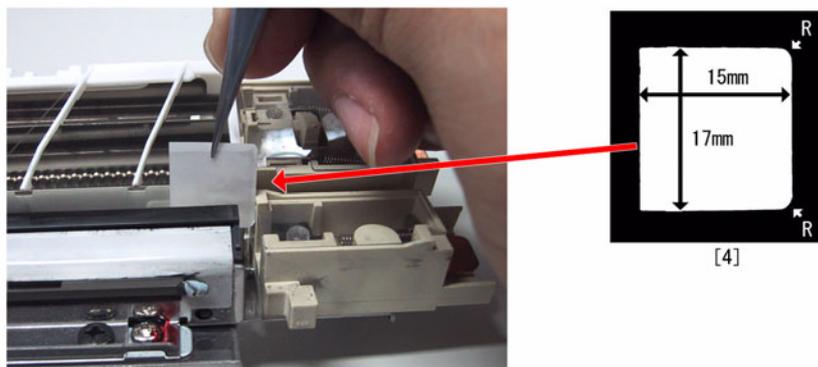
1. When a 22mm interval image occurs, check "COPIER > DISPLAY > ALARM-2" in Service Mode (Level 1) and make sure that "300002" (transfer leak) is displayed in CODE.



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.

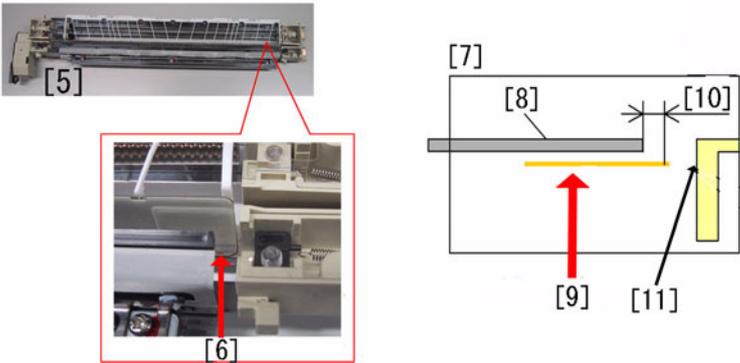


P-4

[4]

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