
Model:

iR5570
iR6570

Ref No.:

iR6570-013
(F1-T01-0M5-10039-01)

Date:

January, 2006

Location:

Scanner Mount Assembly

Subject:

Measures against white lines in sub scanning direction due to deformation of Primary Fan Duct

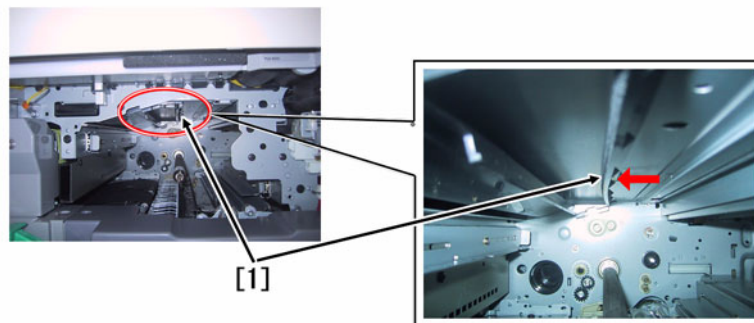
Detail:

<Symptom>

White lines occur in the sub scanning direction.

<Cause>

A Primary Fan Duct [FL2-3018] is partially warped to the Primary Corona Assembly (to the left) [1]. Then, a Cleaner Pad stops during its operation to cause white lines in the sub scanning direction.



P-1

P-1 AP kit is dismounted

[1] Warped position of Primary Fan Duct

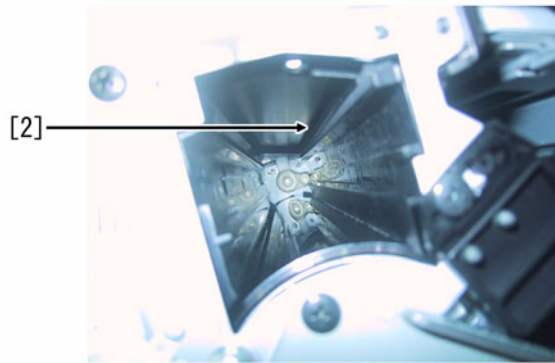
<Factory work>

Add a tap hole to the position a scanner stays in the copier and fix the Primary Fan Duct (FL2-3018) with a screw so as to prevent it from warping.

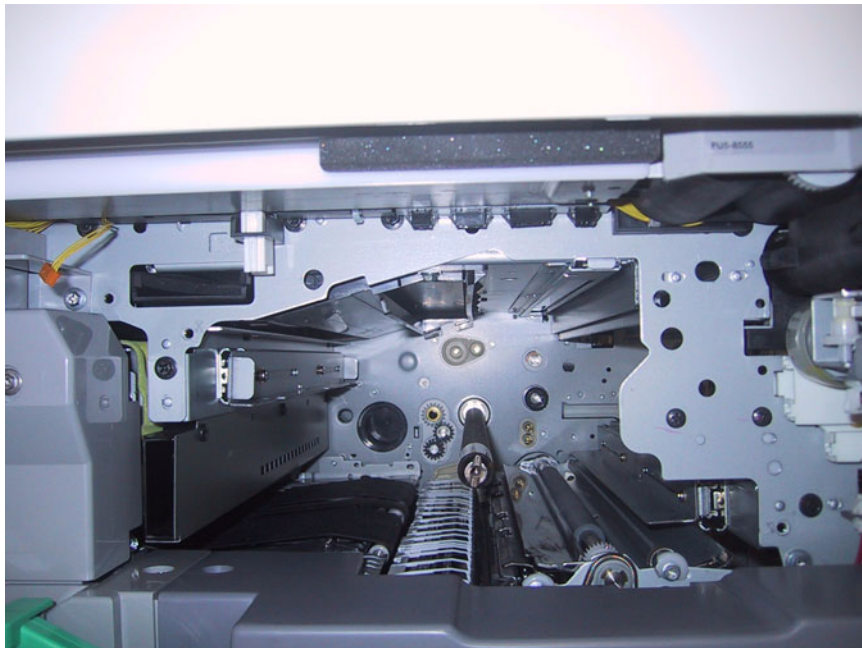
Service work:

When the symptom above occurs, carry out the following procedure.

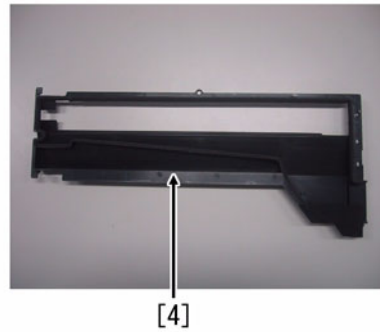
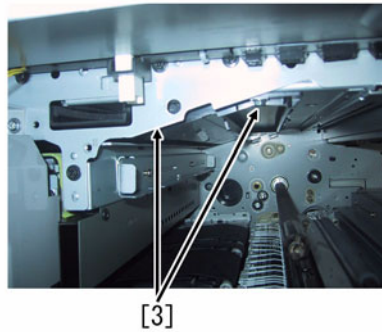
1. Refer to "Service manual" > "Image formation" > "7.10.3 Primary Charging Assembly", remove the Primary Corona Assembly from the copier and check if the part [2] of Primary Fan Duct is warped to the Corona Assembly (to the left).



2. If it is warped like [2], refer to "Service manual" > "Image formation" > "7.10.1 Process Unit" and remove the Process Unit (AP kit) from the copier.

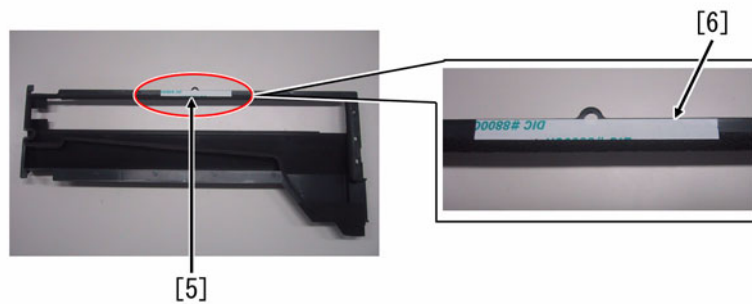


3. Unscrew two screws [3] and remove the Primary Fan Duct [4].



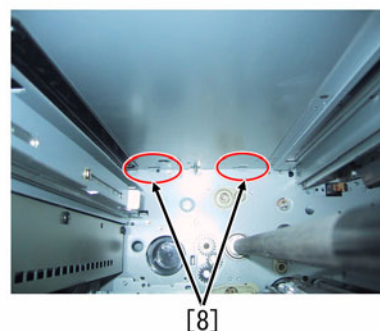
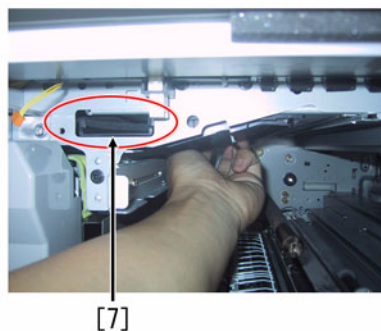
4. Prepare the Primary Fan Duct, affix two-sided tape to the Duct as shown in [5] and then remove the release paper from the tape.

Note: Affix two-sided tape to the position as shown in [6], not lying off the edge of the mold and within 0.5mm from the edge (OK for extending onto the mold plane).

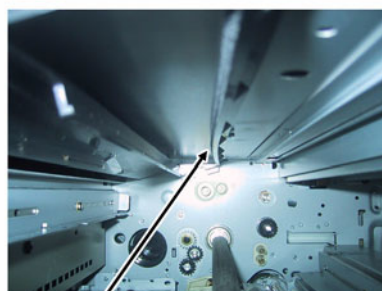


[6] Unacceptable of lying off edge of mold / Within 0.5mm from edge

5. Mount the Primary Fan Duct on the copier with two screws. First, set the Duct [7], hitch two rear Claws of the Duct to two positions [8] and pull the Duct frontward.



6. Affix the side of the Duct with the two-sided tape (at step 4) to the upper Sheet Metal. Be sure that the Sheet Metal is straight as shown in [10] not warped as shown in [9].

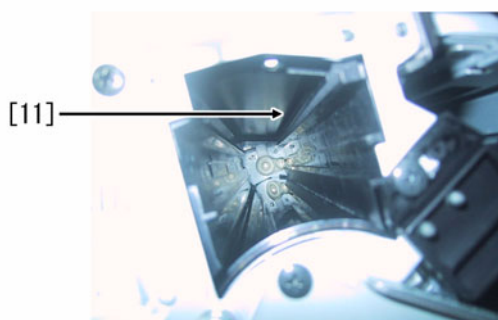


[9]



[10]

7. Mount the AP-kit on the copier and make sure that the Primary Fan Duct does not extend off the Primary Corona Rail of the AP-kit as shown in [11]. If it extends off, mount the Primary Fan Duct again.



[11]

8. Mount the Primary Corona Assembly, carry out "Additional Function" > "Adjustment/Cleaning" > "Wire Cleaning" and ensure that the Cleaner Pad can work normally.

Service part:

	Part number	Description	Q'ty	I.C.	PC Page
Old					215
New	FY1-1245-000	TAPE, PRIMARY FAN DUCT	0->1	-	

Affected machines:

iR6570 120V KHN00372 and later
iR5570 120V KHT01604 and later
iR6570 230V KHP00011 and later
iR5570 230V KHU00014 and later