Service Bulletin

COPIER

Issued by Canon Europa N.V.

Model : GP405/335

No.: GP405-010
(FF-T01-J7-000028-01)

DATE: 10.09.99

Location : SERVICE MANUAL (FY8-13FV-000)

Subject : UPDATING IMAGE BASIC ADJUSTMENT PROCEDURE

Reason : The descriptions for the “Image Basic Adjustment Procedure” found on p. 14-3 of the Service Manual (FY8-13FV-000) are not adequate, requiring modification.
Reference:
In the case of a digital copier, the following mechanisms are employed to enhance the reproduction of images:

1. edge emphasis processing
2. density processing

As a result, the overall density of images tends to appear higher (darker) when compared with the density of images produced by an analog copier.

Details : For specific changes, see the pages that follow.

1 Making Initial Checks

Conditions for Making Image Adjustments

1. Be sure to use copy paper fresh out of package. (Moist paper will make evaluation of image quality difficult.)
2. Be sure to use copy paper with a high degree of whiteness.
3. If possible, be sure to use A3 paper.

Execute 'roller cleaning', which is under 'ADJUSTMENT/CLEANING' of user mode.

Reference:

Execute cleaning for the following:
1. Primary charging roller
2. Transfer charging roller

Clean the separation static eliminator.

Is the setting of 'density correction', which is under 'ADJUSTMENT/CLEANING' of user mode, at the middle?

No → Set it to the middle.

Yes

Is the setting of ADJUST>DENS>DENS-ADJ of service mode '5'?

No → Set it to '5'.

Yes

Are the seven items on the left in service mode identical to those indicated on the service label?

No → Enter the settings indicated on the service label.

Yes

Output Condition
■F value = 5

Using the NA3 Test Chart, make 2 copies in the following mode:
1. text mode

Reference: At the optimum density, the copy should barely show gray scale No. 10.

Generate 2 each of the following test prints:
COPIER>TEST>PG
1. TYPE 4 (solid white)
2. TYPE 5 (halftone)
3. TYPE 6 (solid black)

If only the copy images have a fault,

Go to
2 Checking the Scanner Side (1/2)

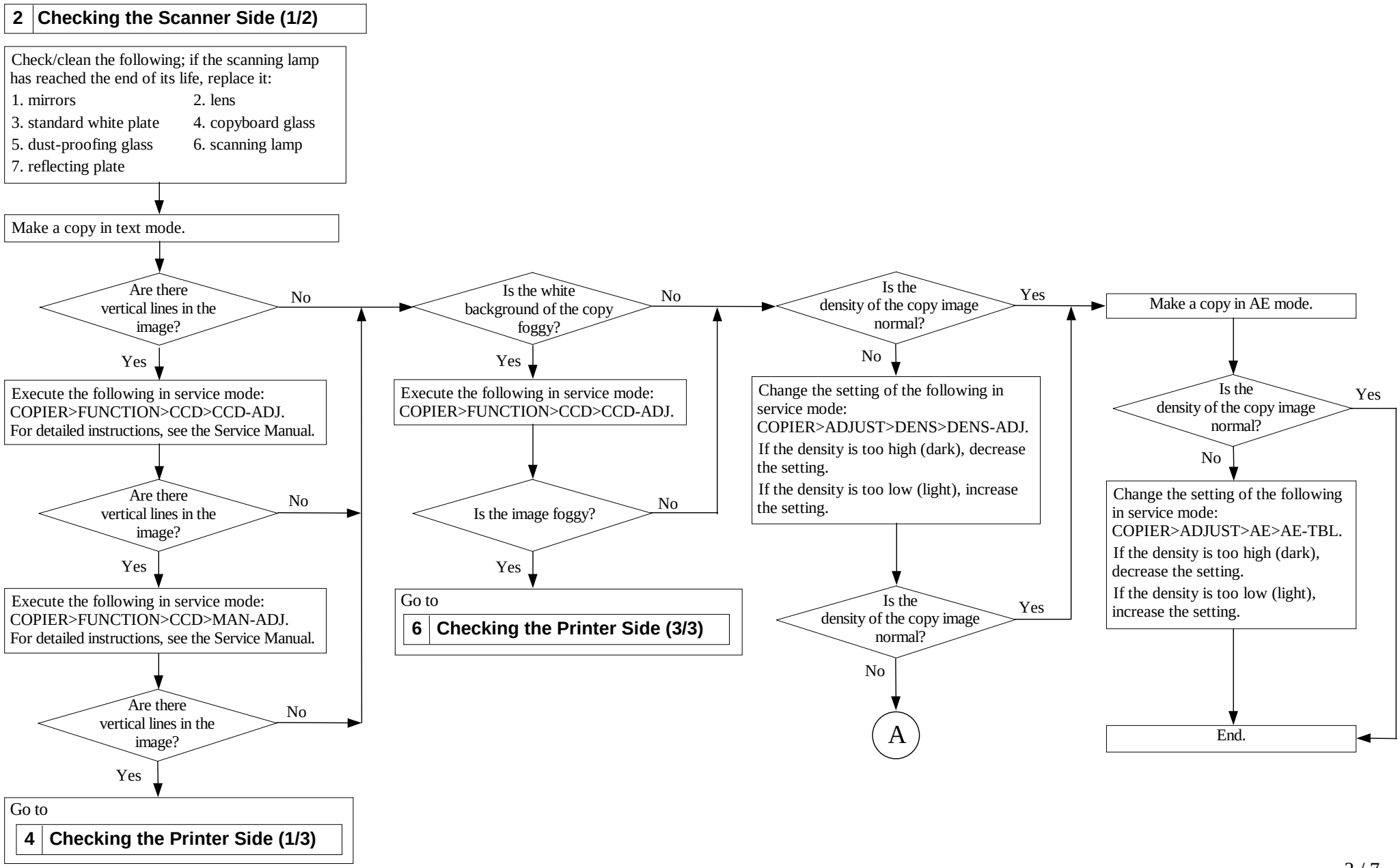
If the test print images have faults,

Go to
4 Checking the Printer Side (1/3)

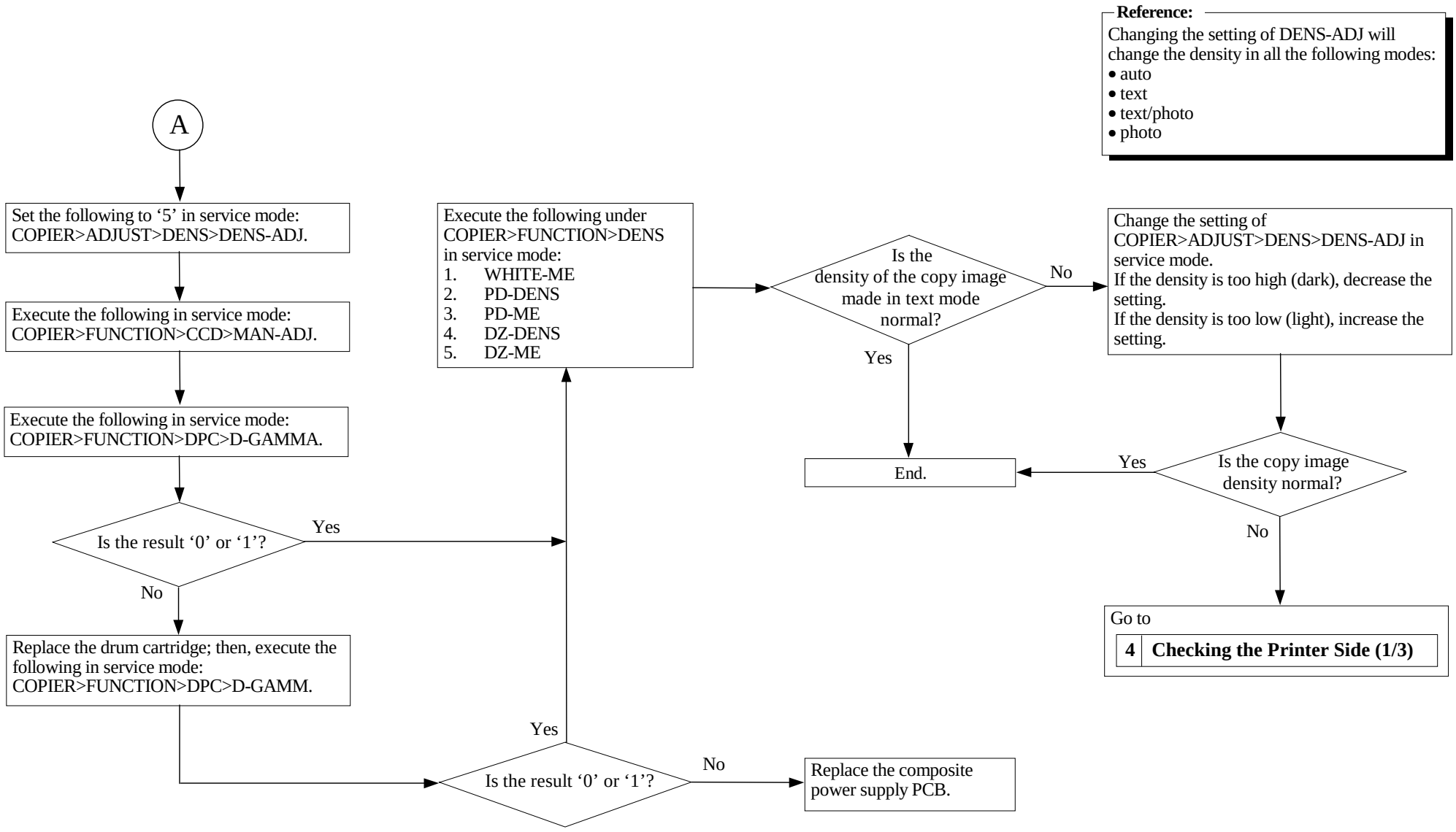
Items under COPIER>ADJUST of service mode

1. AE>AE-TBL
2. DEVELOP>DE-DC
3. DEVELOP>DE-NO-D
4. DEVELOP>DE-OFST
5. HV-PRI>P-DC
6. HV-PRI>P-NO-DC
7. HV-PRI>OFST1-DC

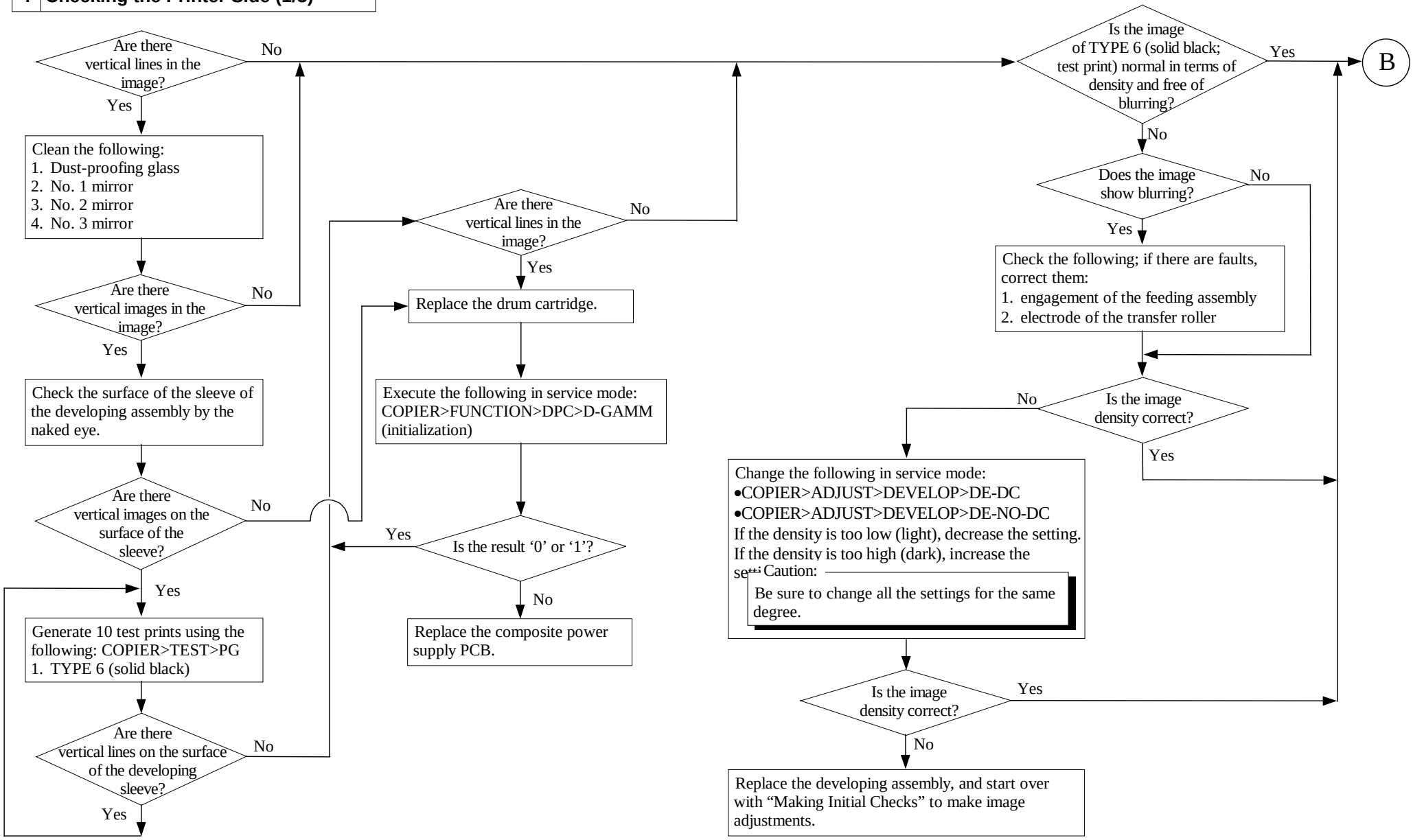
2 Checking the Scanner Side (1/2)



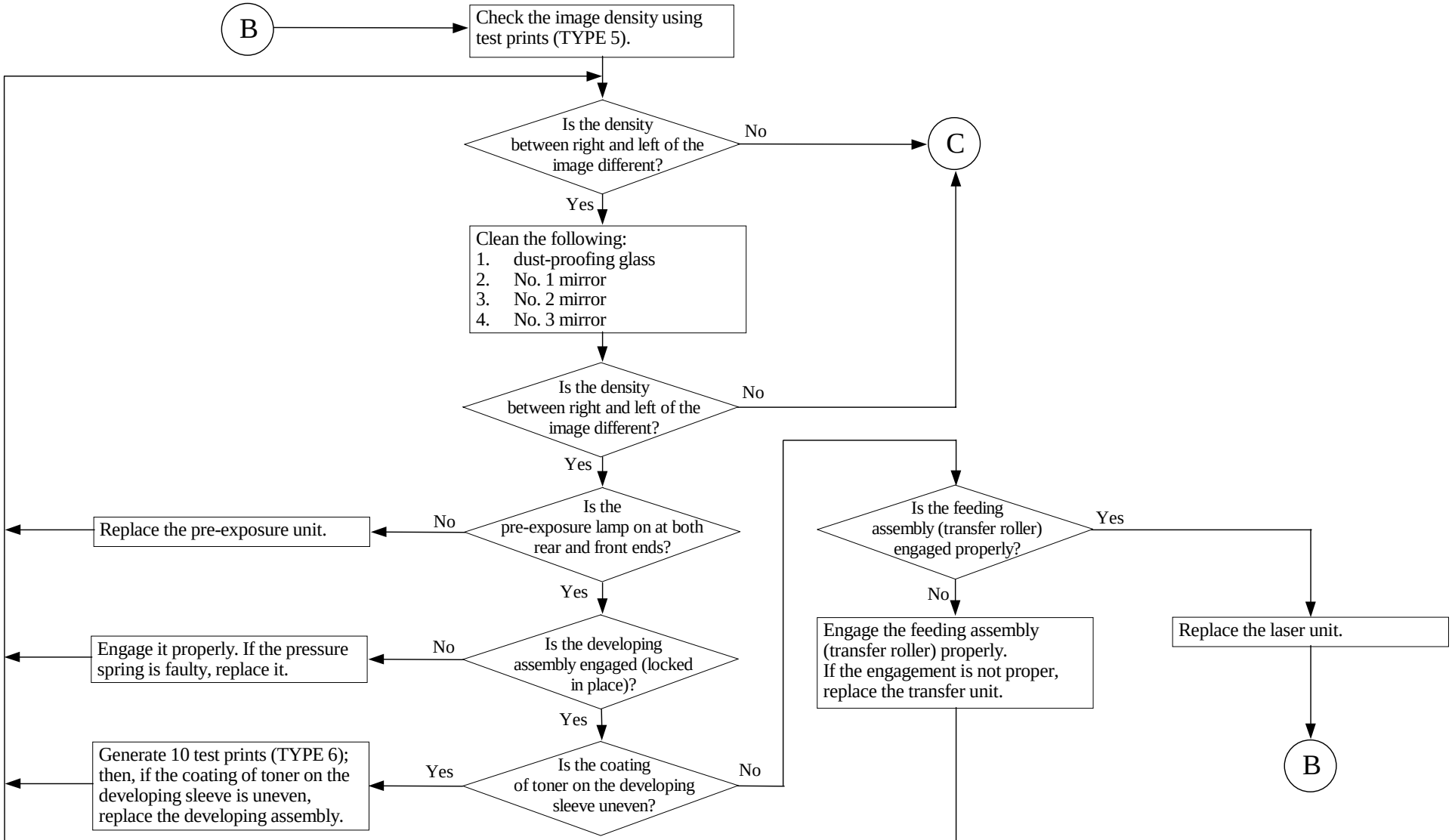
3 Checking the Scanner Side (2/2)



4 Checking the Printer Side (1/3)



5 Checking the Printer Side (2/3)



6 Checking the Printer Side (3/3)

