

SUBJECT: Blurred copy problem on editor board

DATE: Dec.31,'93

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FROM: Technical Support Group

CHECKED BY:

CLASSIFICATION:☒ Action Required☐ Trouble shooting☐ Retrofit Information☐ Revision of service manual☐ Information only☐ Other**MODEL:**

PDC-1E (Editor Board)

1. Problem

When making copies with the PDC-1E using the editor board, blurred images might appear on copies.

2. Cause

This problem occurs due to the deformed pressure pads (mirror surface). The deformed pad cannot press an original completely and there is a gap between the original and the exposure glass. The focal depth of the scanner is only 0.25mm. If this gap is 0.25mm or wider, an image in that part will be blurred.

The present pressure pad is made of polypropylen, which starts to deform from about 79°C (174.2°F) or higher. We suppose that the editor board suffers temperatures of 79°C or higher during transportation.

The pressure pad of the platen cover for the PDC-1E is the same as that of the editor board. However, the pressure pad of the platen cover does not have the deformation problem because during transportation, the pressure pad is on the exposure glass which is flat. Even under high temperature (higher than 79°C) it will not be deformed by the exposure glass.

3. Countermeasure**3-1. Material**

We have changed the material of the pressure pad from polypropylen to polycarbonate which does not deform at temperatures under 130°C (266°F).

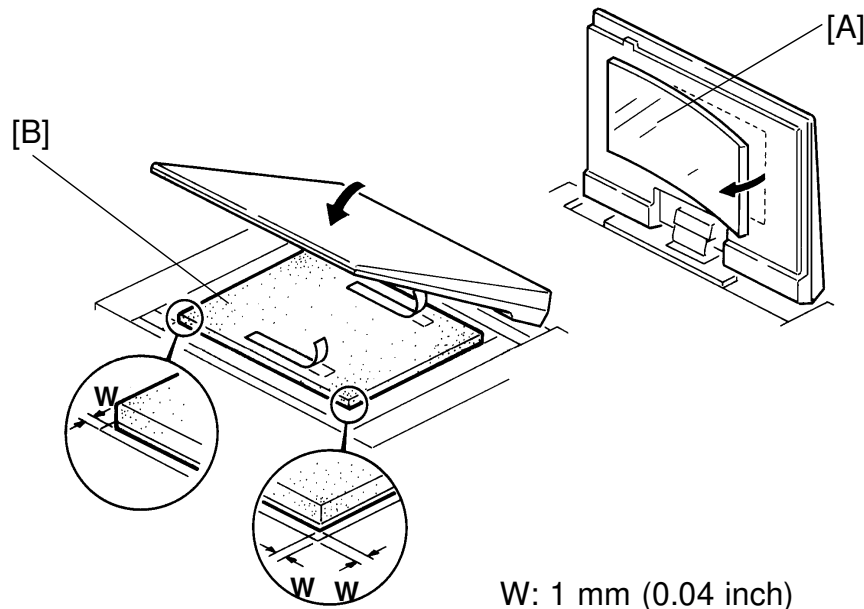
3-2. Part number for the new pressure pad

Old Part Number	New Part Number	Description
A0491576	A0921594 This part number will be available as a service part in February 1994.	Original Pressure Pad

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3-3. Modification procedure for the field machine

1. Remove the pressure pad [A] from the editor board.

NOTE: As some adhesive tape or sponge might remain on the editor board, make sure to check and remove everything.

2. Put the new pressure pad [B] as shown in the illustration.
Make a **1mm (0.04 inch)** space between the front scale and the front edge of the pressure pad, and between the right scale and the right side of the pressure pad.
3. Peel off the cover from the two adhesive tapes, close the editor board and press the editor board by hand. Especially, press the part directly above the tapes.
4. Confirm that there is no blurred image on the copy.

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3-4. Cut-in Serial Number

Machine Code	Cut-in Serial Number
A988-17	From Oct. 1993 production run (#A3223100001–) and #A3223080001, 06, 19, 20, #A3223090001, 03
A988-25	From Oct. 1993 production run (#4293100001–)
A988-27	From Oct. 1993 production run (#A3223100001–) and #A3223070047, 50, 51, 52

4. Others

We do not recommend that you modify the editor board when it is not on the copier, it is very difficult to adjust the position for setting the pressure pad. You might have matching problems when the editor board is docked to the copier (e.g.. the pressure pad falls on the scale or the space between the edge of the pressure pad and the scale is much larger).