

SUBJECT: Ink Cartridge Seal

DATE: Nov.30 1990

PAGE: 1 of 1

PREPARED BY: S.Asai
CHECKED BY:

FROM: Copier Technical Support Section

CLASSIFICATION:

Action Required

Troubleshooting

Retrofit Information

Revision of service manual

Information only

Other

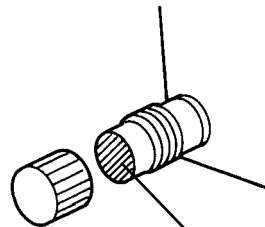
MODEL:

SS915/930/950

Ges 5210/5130/5170

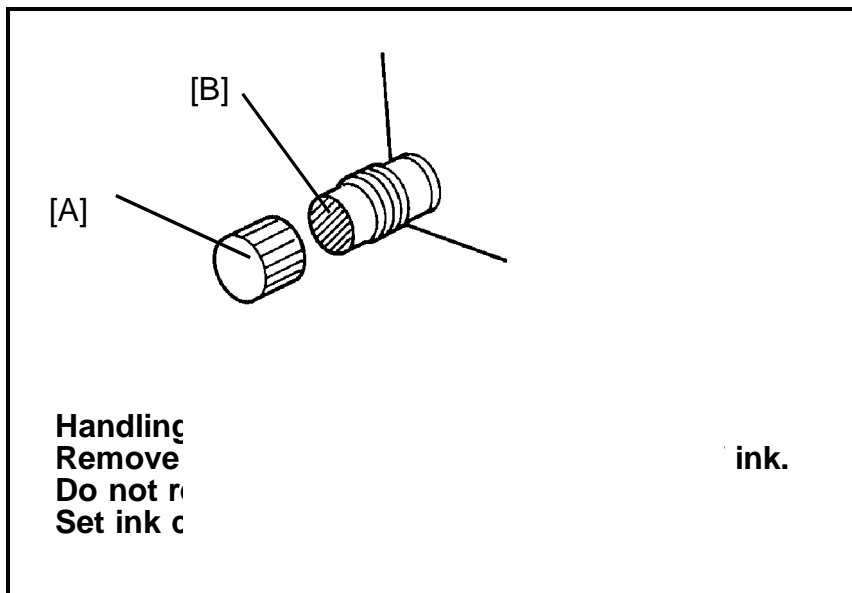
Rex 1140/1060/1070

A transparent seal will be added to the exit of the ink cartridge (all colors) to prevent ink from being spilled on the floor during cartridge installation. It is not necessary to remove this seal; a projection on the ink pump inlet breaks this seal when the cartridge is set into the drum cartridge holder.



Transparent Seal

This modification will be implemented in the December production run. The following illustration and instructions will be printed on all ink cartridges early next year. This instructs the customers not to remove the seal at installation.



Handling
Remove
Do not r
Set ink c

ink.

SUBJECT: Drum Retrofit to prevent Ink Leakage (Refer to M/B No. 63)

DATE: Jan.31.1991
PAGE: 1 of 3

PREPARED BY: S.Asai
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CLASSIFICATION:

Action Required

Troubleshooting

Retrofit Information

Revision of service manual

Information only

Other

MODEL:

SS915/930/950

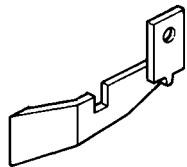
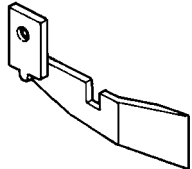


Ges 5210/5130/5170

Rex 1140/1060/1070

A drum blades kit has been registered as a spare part. With this retrofit kit, technicians can quickly and easily correct the drum ink leakage problem in the field.
Note that all machines produced since November 1990 have been modified at the factory to correct this problem. (See the cut-in serial numbers in M/B No. 63.)

Drum Blades Kit: P/N C2079011

P/N C2079011 consists of the following parts.

No	Part Number	Part Description	Qt'y	Part Illustration
1	C2074745	Front Drum Blade	1	
2	C2074746	Rear Drum Blade	1	
3	05940080E	Internal Hexagon Head Screw--M4 x 8	2	
4	07010040Z	Flat Washer--M4	2	

SUBJECT: Drum Retrofit to prevent Ink Leakage

DATE:

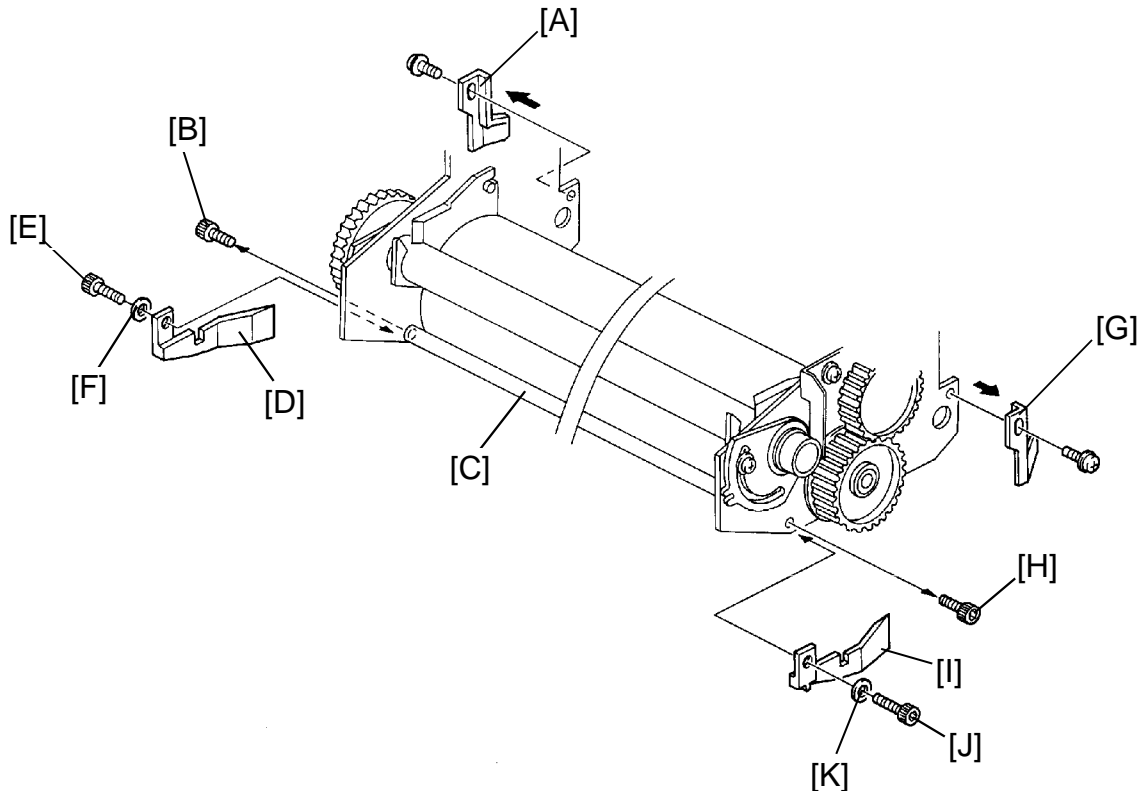
Jan.31.1991.

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Installation Procedure for the Drum Blades Kit:

1. Remove the drum clumper assembly.
2. Remove the tetron screens from the drum.
3. Remove the stainless steel screen from the drum.
4. Remove the old front drum blade (C2004745) [A] (1 screw).
5. Remove the internal hexagon head screw (M4 x 6) [B] securing the ink roller shaft stay [C], then install the new front drum blade (C2074745) [D] and secure it with the internal hexagon head screw (M4 x 8) [E] and the flat washer [F].
6. Remove the old rear drum blade (C2004746) [G] (1 screw).
7. Remove the internal hexagon head screw (M4 x 6) [H] securing the ink roller shaft stay [C], then install the new rear drum blade (C2074746) [I] and secure it with the internal hexagon head screw (M4 x 8) [J] and the flat washer [K].
8. Reverse the procedure to reassemble.

Note: Do not re-use the old front and rear drum blades.



SUBJECT: Drum Retrofit to prevent Ink Leakage

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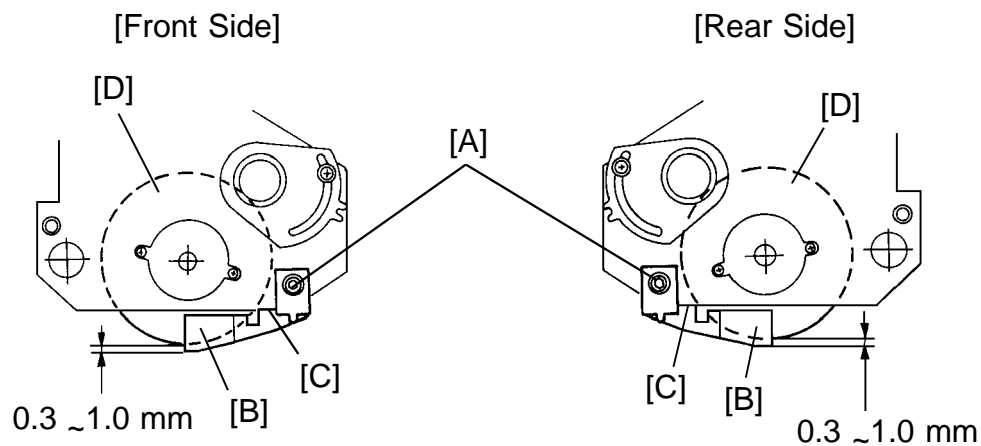
Jan.31.1991.

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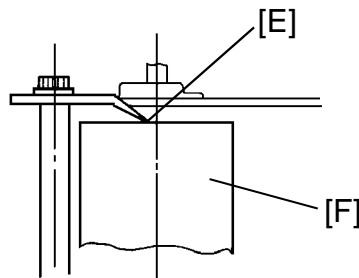
Adjustment Procedure:

1. Tighten each (front and rear) internal hexagon head screw [A] so that the drum blade [B] contacts the lower edge [C] of the side plate.

Note 1: Make sure that the clearance between the ink roller [D] and the drum blade [B] is 0.3 to 1.0 mm.



Note 2: Make sure that the drum blade edge [E] contacts the ink roller [F].



SUBJECT: Thermal Head Cleaner Cap

DATE: Jan.31th '91
PAGE: 1 of 2

PREPARED BY: S.Asai
CHECKED BY:

FROM: Copier Technical Support Section

CLASSIFICATION:

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Troubleshooting

Retrofit Information

Revision of service manual

Information only

Other

MODEL:

SS 915/930/950

Ges 5210/5130/5170

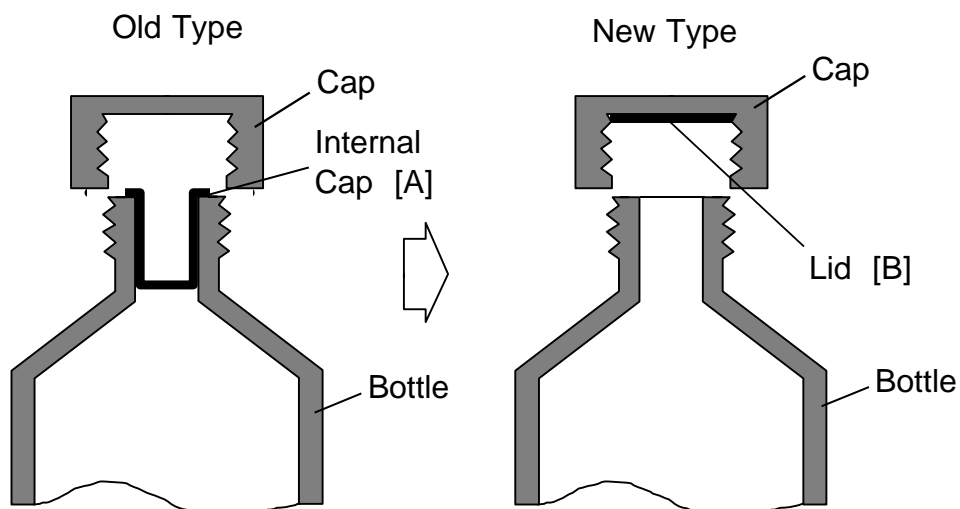
Rex 1140/1060/1070

[Contents]:

There has been a problem with the internal cap [A] getting stuck inside the thermal head cleaner bottle and it is difficult to pull it out.

The internal cap has been changed to a lid [B] as illustrated below:

This modification has been implemented since the November '90 production run. Please note that the part number of the thermal head cleaner remains the same.



*After the cap is removed, the internal cap must be pulled out.

* The lid remains inside the cap

SUBJECT: Thermal Head Cleaner Cap

DATE: Jan.31th '91

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[Cut-in Serial Numbers]:

SS915: S/N 2630110001-

SS930: Service part only

SS950: Service part only

Ges 5210: S/N USA version: SI52102144- Europe version: 521013309-
Taiwan version: From December '90

Ges 5130: Service part only

Ges 5170: Service part only

Rex 1140: S/N Europe version: 114051533- Canada version: From December '90
Taiwan version: From December '90

Rex 1060: Service part only

Rex 1070: Service part only

SUBJECT: Separation Plate (P/N: 55076055)

DATE: Mar.15 '91
PAGE: 1 of 1PREPARED BY: S.Asai
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FROM: Copier Technical Support Section

CLASSIFICATION:

 Action Required Troubleshooting Retrofit Information Revision of service manual Information only Other

MODEL:

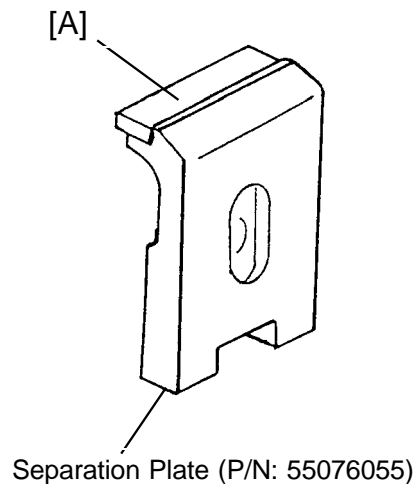
SS 915/930/950

Ges 5210/5130/5170

Rex 1140/1060/1070

There have been reports in the field of the rubber separation pad [A] easily coming off the separation plate (P/N: 55076055) [B]. This occurred with separation plates that had been supplied as spare parts.

When installing a new separation plate, check the bond between the pad and the plate. If the bond is not sufficiently strong, apply a strong adhesive (super glue).



NOTE: We have checked all the parts currently stored at Ricoh Atsugi SPC.

SUBJECT: Paper jams caused when one-way clutch slips

DATE: Mar. 30 '91
PAGE: 1 of 1

PREPARED BY: S.Asai
CHECKED BY:

FROM: Copier Technical Support Section

CLASSIFICATION:

Action Required

Troubleshooting

Retrofit Information

Revision of service manual

Information only

Other

MODEL:

SS 915/930/950

Ges 5210/5130/5170

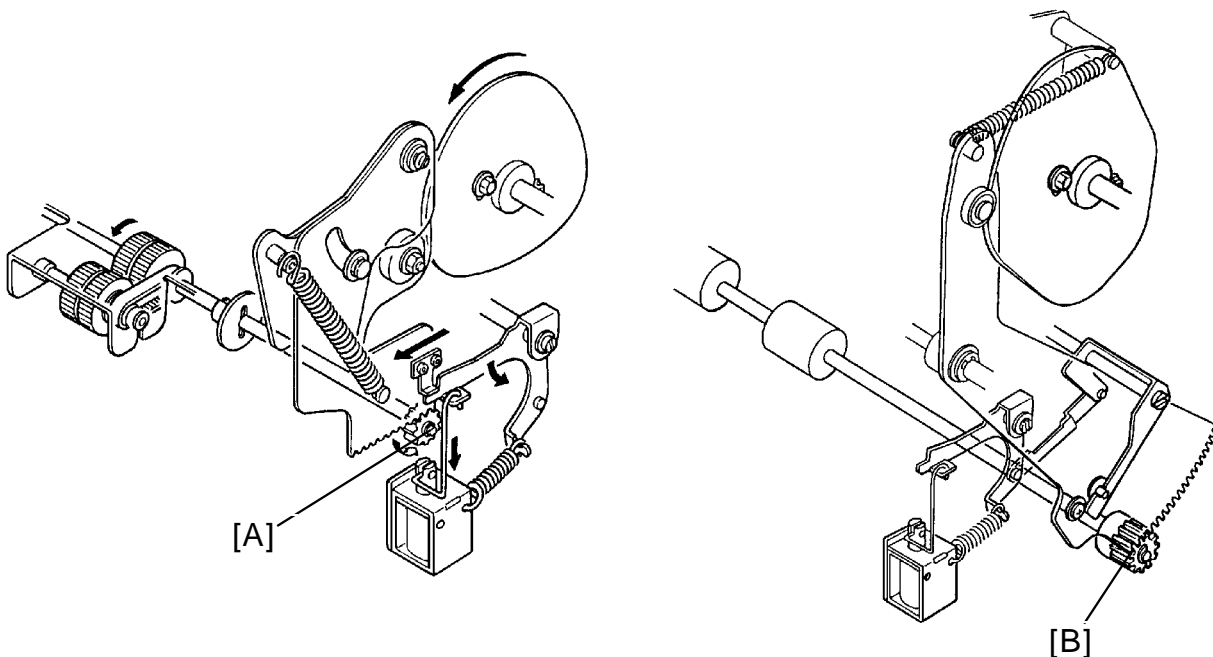
Rex 1140/1060/1070

[Phenomenon]:

The one-way clutches inside the paper feed and second feed roller gears have worn the roller shafts smooth. The clutch slips and paper jams or is not fed. This tends to occur during high speed printing and is more likely to occur on machines that exceed the recommended monthly copy volume. When the feed mechanism is manually operated to check the paper feed, paper feeds correctly.

[Countermeasure]:

1. Remove the paper feed roller gear [A] and the second feed roller gear [B].
2. With fine sandpaper, lightly sand the roller shaft surface at the point where it comes into contact with the one-way clutch. This increases the coefficient of friction.
3. If paper jams continue to occur, replace the one-way clutch.
4. If paper jams continue to occur, replace the roller shaft together with the one-way clutch.



SUBJECT:

DATE:

PAGE: 2 of

SUBJECT: Black Ink Cartridge Seal

DATE: Sep. 30,'91
PAGE: 1 of 1

PREPARED BY: S.Asai
CHECKED BY:

FROM: Copier Technical Support Section

CLASSIFICATION:

- Action Required
- Troubleshooting
- Retrofit Information

- Revision of service manual
- Information only
- Other

MODEL:

SS915/930/950
Ges 5210/5130/5170
Rex 1140/1060/1070

To increase ink production, the transparent seal will be removed from the exit of the black ink cartridge (500cc). For the color inks, the transparent seal remains because the color inks are more fluid than the black ink. Due to this change, the instructions printed on the black ink cartridge will be changed as shown below.

OLD

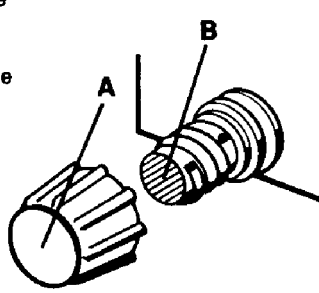
Handling Instructions
Remove the Cap A from a new cartridge of ink. Do not remove the Seal B. Set ink cartridge.

Manuel d'Instruction
Retirer le bouchon de la nouvelle cartouche d'encre. Ne pas retirer le joint B. Mettre en place la cartouche d'encre.

Bedienungshinweise
Kappe a von neuer farbpatrone entfernen! Dichtung B nicht entfernen. Farbpatrone einsetzen.

Instrucciones de manejo
Extraiga la tapa A del nuevo cartucho de tinta. No extraiga el precinto B. Coloque el cartucho de tinta.

Modo di impiego
Rimuovere il coperchio A dalla nuova cartuccia di inchiostro. Non rimuovere il sigillo B. Posizionare la cartuccia di inchiostro.



NEW

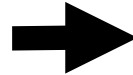
Handling Instructions
■Set the ink in the machine immediately after the cap is removed to prevent entry of air.

Handhabung
■Den Farbbehälter sofort nach dem Öffnen in die Maschine einsetzen, um Eindringen von Luft zu verhindern.

Instructions d'emploi
■Placer l'encre dans l'appareil des que son bouchon a ete ouvert afin d'eviter que l'air ne penetre.

Instrucciones
■Para evitar la entrada de aire, la tinta se debe colocar en la maquina inmediatamente despues de abrir.

Istruzioni per l'uso
■Mettere l'inchiostro nella macchina subito dopo aver tolto il tappo, per evitare che entri aria.



This modification will be implemented from the October '91 production run for the 500cc ink cartridge.

SUBJECT: Priport Ink Lot Number

DATE: Aug. 15, '92
PAGE: 1 of 2

PREPARED BY: J. Mochizuki
CHECKED BY:

FROM: Copier Technical Support Section

CLASSIFICATION:

- Action Required
- Troubleshooting
- Retrofit Information

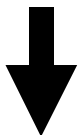
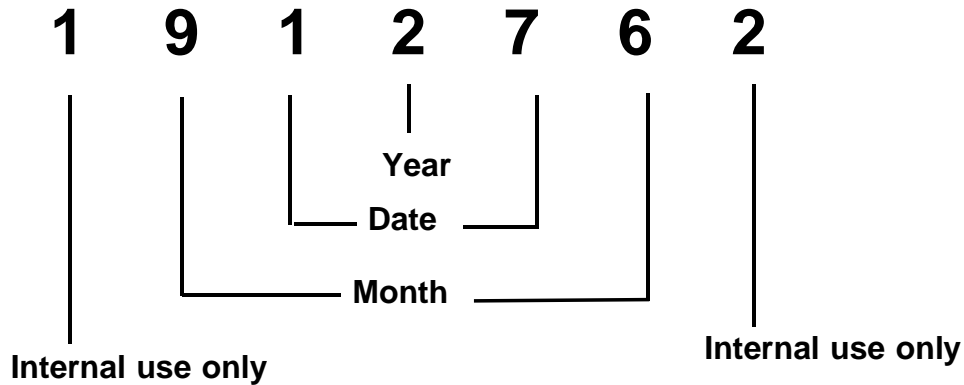
- Revision of service manual
- Information only
- Other

MODEL:

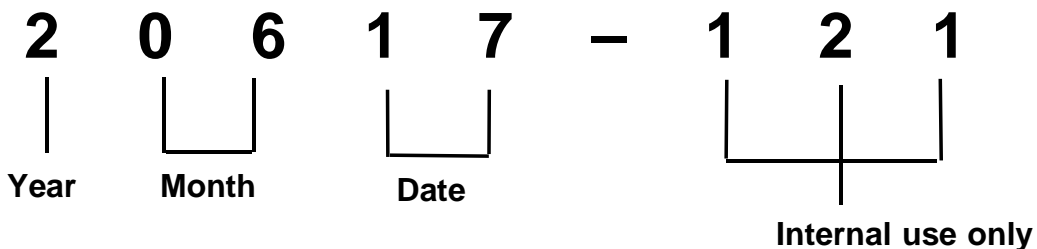
SS915/930/950
Ges 5210/5130/5170
Rex 1140/1060/1070

To clarify the ink production dating, the method of lot numbering has been changed as follows:

Old method



New method



The above lot number means that the ink is produced on **June 17, '92**

SUBJECT: Priport Ink Lot Number

DATE: Aug. 15, '92

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The table below shows the new lot numbering start date.

Type of ink	New lot numbering start date
Black 800cc	July 13, '92
Black 500cc	July 13, '92
Color Red 500cc	July 13, '92
Color Blue 500cc	July 16, '92
Color Green 500cc	July 14, '92
Color Brown 500cc	July 16, '92