

Model: PRIPORT OPAL/OPAL-MC		Date: 25-Dec-03	No: R-C593-001
Subject: New model Opal-MC information		Prepared by: A. Yoshida, Priport Service Planning Section	
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input checked="" type="checkbox"/> Other (New machine information)	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information
Model Name: TC-II			

The Opal-MC was released in December 2003 as the successor to the Opal. The model code is the same as the code for the Opal (C593), but there are some parts that are not interchangeable with the Opal.

This bulletin details the servicing information unique to the Opal-MC for servicing in the field. Please add this information to your OPAL Service Manuals, and also refer to MB #MC593001 for a list of the components unique to the Opal-MC.

1. OVERALL INFORMATION

1.1 ESSENTIAL DIFFERENCES BETWEEN THE OPAL-MC AND OPAL

Section	Item	Remarks
1	Overall Information	(no differences)
2	Detailed section descriptions	(no differences)
3	Installation	(no differences)
4	Service tables	Some items changed.
5	Preventive maintenance	(no differences)
6	Replacement and adjustment	(no differences)
7	Point to point diagram	(no differences)

2. SERVICE TABLES

2.1 SERVICE PROGRAM MODE

The machine codes in the following table have been changed (bold italics).

SP Mode No. 208 – Set Type By Code

Allows SP201, 202, 203 and 207 to be set automatically by entering the machine code.

NO	Machine Code	SP201	SP202	SP203	SP207
1	C593- <i>30</i>	0:J	0:mm	0:A3	0:A
2	C593- <i>37</i>	0:J	0:mm	0:A3	0:A
3	C593- <i>82</i>	1:E	1:inch	1:DLT	1:B
4	C593- <i>83</i>	1:E	0:mm	0:A3	1:B

Model: PRIPORT OPAL/OPAL-MC

Date: 25-Dec-03

No: R-C593-001

2.2 USER TOOLS

The following items have been added to User Tools. For details, please refer to the descriptions in the Operating Instructions for the Opal/Opal-MC.

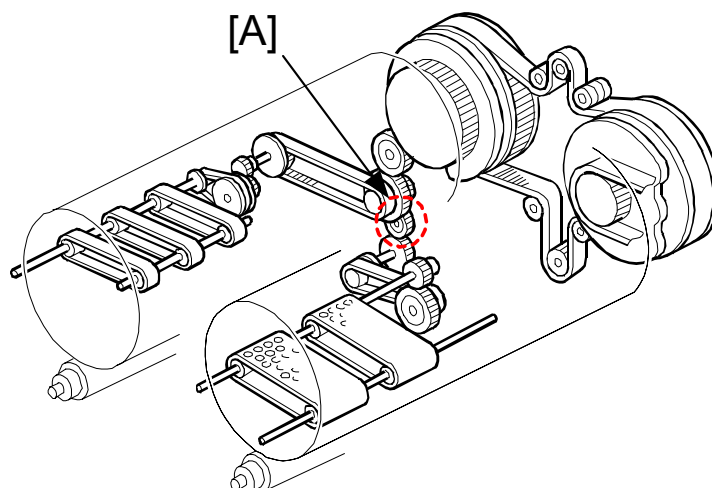
No.	Display	Function	Settings	Factory Settings	Comments
16	USER CODE MODE	Selects user code mode. When you set this function, you have to also specify the auto reset time.	User Code Mode: 0: NO 1: YES Auto Reset Time: 0: NO, 1-5 minutes	User Code Mode: 0 Auto Reset Time: 0	
17	UC COUNT	Displays the number of prints made in each user code.	-	0	
18	CLR UC COUNT	Clears each users code counter.	0: NO 1: YES	0	
19	TOTAL UC COUNT	Displays the total number of prints for all the 200 user codes.	-	0	
20	CLR TOTAL UC COUNT	Clears the total user code counter.	0: NO 1: YES	0	

Model: PRIPORT OPAL/OPAL-MC/HQ-OPAL		Date: 20-Jan-06	No: R-C593-002
Subject: Drive Gear Damage		Prepared by: A. Yoshida, Priport Service Planning Section	
Classification:	<input checked="" type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Other ()	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information
Model Name: TC-II, TC-IIR			

This RTB applies to the Opal and Opal-MC.

SYMPTOM

The drive gear [A] for the relay transport unit and paper delivery section is damaged during printing.



CAUSE

The drive gear [A] comes loose from the ball bearing.

SOLUTION

Production Line:

- 1) The length of the gear shaft was decreased by 2mm
- 2) A washer was added between the gear and e-ring.

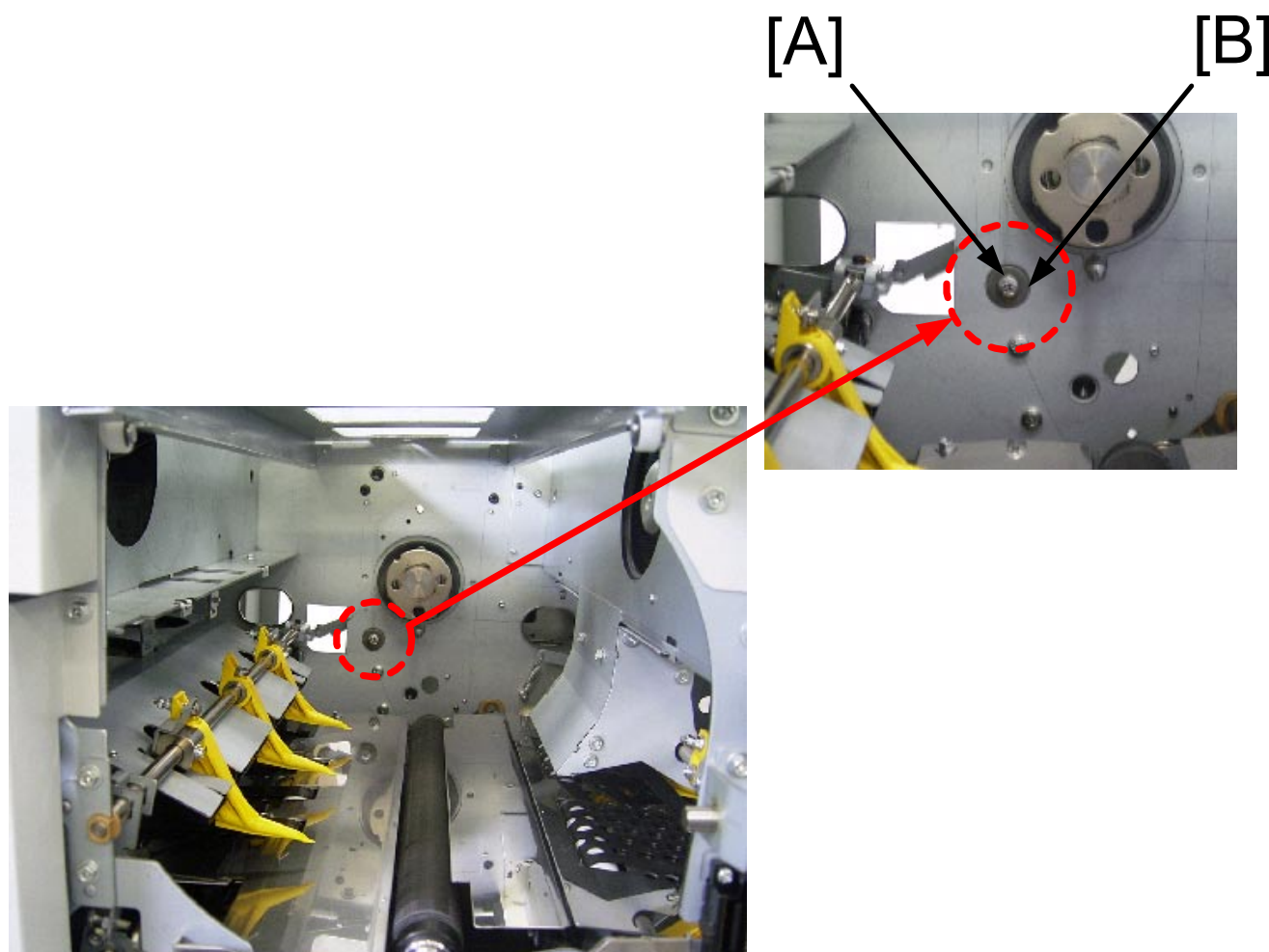
Action in the Field:

Install the new gear shaft and the washer listed in MB #MC593006.

Note: See the procedure below.

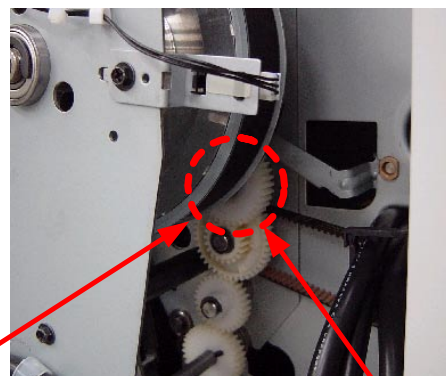
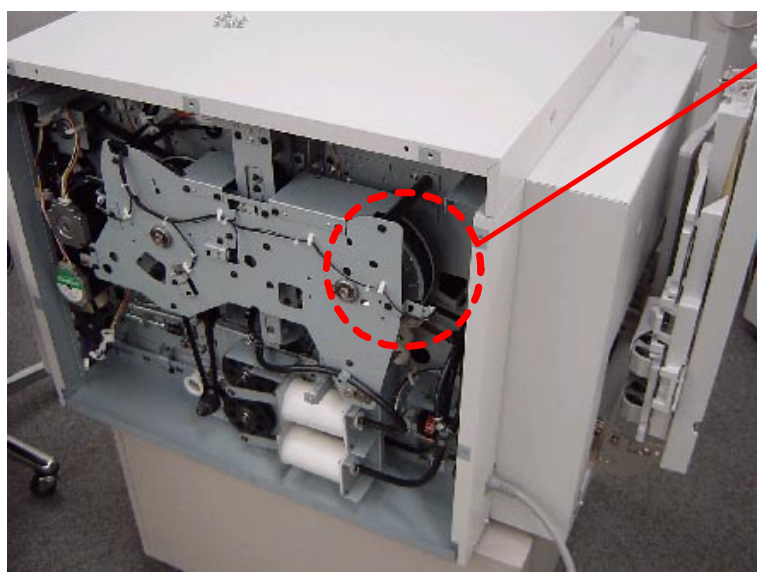
Replacement/Attachment Procedure for the Gear Shaft and Washer

1. Remove the 2nd drum.
2. Turn off the main power switch.
3. Remove the rear cover (⌀ x 11).
4. Open the front door.
5. Remove the screw [A] and the spacer [B] from the mainframe.



Model: PRIPORT OPAL/OPAL-MC/HQ-OPAL**Date:**20-Jan-06**No:** R-C593-002

6. Remove the drive gear assembly [C].

**[C]**

7. Install the new gear shaft and washer.

Model: PRIPORT OPAL/OPAL-MC/HQ-OPAL		Date: 25-Sep-06	No: R-C593-003
Subject: Service manual revision		Prepared by: A. Yoshida, Priport Service Planning Section	
Classification: <input type="checkbox"/> Troubleshooting <input type="checkbox"/> Part information <input type="checkbox"/> Action required <input type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input checked="" type="checkbox"/> Service manual revision <input type="checkbox"/> Paper path <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Retrofit information <input type="checkbox"/> Other ()			
Model Name: TC-II, TC-IIR			

This RTB is for the Opal-MC and HQ-Opal only.

Please apply the following corrections to your Opal-MC and HQ-Opal Service Manuals .

Page	Item	Incorrect Description	Correct Description
4-6	Display Language	0: Japanese 1: English 2: German 3: French 4: Italian 5: Spain 6: Dutch	0: Japanese 1: English 2: German 3: French 4: Italian

NOTE: 1) The number of supported languages is changed from 7 to 5 languages in the Opal-MC and HQ-Opal.
2) The number of supported languages for Opal is 7 languages.