RICOH

Technical **B**ulletin

Reissued: 22-Mar-11

Model: **SKS-C1**	Date: 14-Oct-10	No.: RD108001a

RTB Reissue
The items in bold italics have been corrected.

Subject: Firmware Release Note: Engine	Prepared by: M.Ishihara
From: 2nd Overseas Tech Support Sec., 2nd PQM Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☒ Other (Firmware)	☒ Tier 2

This RTB has been issued to announce the firmware release information for the **Engine.**

Version	Program No.	Effective Date	Availability of RFU
0.07	*D1085531A*	*April 2011 production*	*Not available*
0.05	D1085531	1st Mass production	Not available

Note: Definition of Availability of RFU via @Remote
"Available": The firmware can be updated via RFU or SD card.
"Not available": The firmware can only be updated via SD card.

Version	Modified Points or Symptom Corrected
0.07	*Supports Chinese font data GB18030.*
0.05	1st Mass production

Model: **Shoukoushu-C1**	Date: 01-Nov-10	No.: RD108002

Subject: Firmware Release Note: GDI Basic			Prepared by: M.Ishihara
From: 2nd Overseas Tech Support Sec., 2nd PQM Dept.			
Classification:	☐ Troubleshooting ☐ Mechanical ☐ Paper path ☐ Product Safety	☐ Part information ☐ Electrical ☐ Transmit/receive ☒ Other (Firmware)	☐ Action required ☐ Service manual revision ☐ Retrofit information ☒ Tier 2

This RTB has been issued to announce the firmware release information for the **GDI Basic.**

Version	Program No.	Effective Date
1.25	B8805573	1st Mass production

Version	Modified Points or Symptom Corrected
1.25	1st Mass production

Model: Shoukoushu-C1	Date: 14-Dec-10	No.: RD108003

Subject: Parts catalog correction	Prepared by: I Soh
From: 2nd Overseas Tech Support Sec. 2nd PQM Dept	

Classification:	☐ Troubleshooting	☒ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Other ( )		☐ Tier2

Symptom:

An option square for the total counter is missing from the diagram on page 32 of the parts catalog.
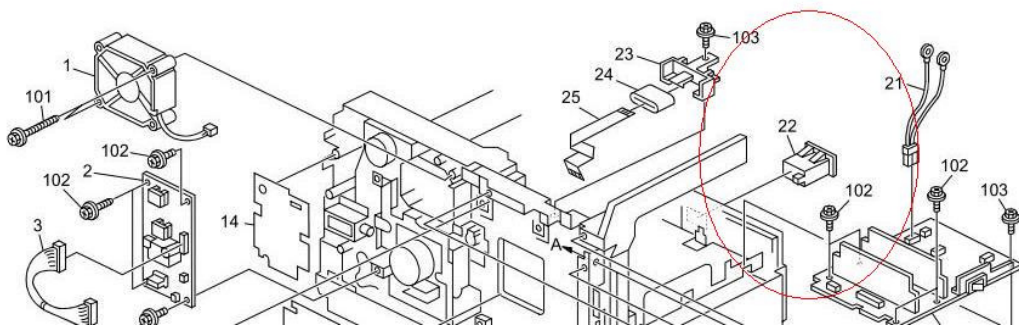
The diagram in the SKS-C1 parts catalog (page 32)

7	D067 5200	Harness:Toner:Connecting	1
8	D067 5206	Harness:Power Supply Unit	1
9	D067 5216	Harness:Motor:Main	1
10	D067 5205	Harness:Operation Sub-unit	1
11	D067 5210	Harness:Door Switch	1
12	D108 5104	PCB:BICU:GDI:CHN:Ass'y	1
13	B129 1307	BICU Insulating Sheet	1
14	AA17 0026	Insulating Sheet Power Pack	1
15	B129 1301	BICU Shadeing Plate	1
16	B129 5024	Power Supply Cord - CHN	1
17	D067 5223	Harness:Feed Table:Connecting	1
18	B129 1313	Spring Plate - GWCTL	1
19	B129 1303	Rear Cover Bracket	1
20	AZ23 0162	Power Supply Unit:200V	1
21	B262 5208	Harness:AC:Fusing:EU	1
22	AX31 0049	Total Counter:7Fig:24V	1
23	B262 5805	Holder:Ferrite Core	1
24	H555 5150	Ferrite Core	1
25	B262 5236	Flat Cable:SBU	1
26	D067 5217	Harness:HVP	1
27	D067 5223	Harness:Feed Table:Connecting	1
28	B129 1301	BICU Shadeing Plate	1
29	B262 1314	Bracket:Basic	1
30	AA14 3592	Screw- M4x6	1

Part information in SKS-C1 parts catalog (page 33)

Correction:

Draw an option square for the total counter (Index No.22) like the diagram in the S-C4.5 parts catalog (page 42).

**The diagram in the S-C4.5 parts catalog (page 42)**

Model: Shoukoushu-C1		Date: 20-Jan-11	No.: RD108004
Subject: Parts Catalog correction		Prepared by: I Soh	
From: 2nd Overseas Tech Support Sec. 2nd PQM Dept			
Classification:	☐ Troubleshooting ☐ Mechanical ☐ Paper path ☐ Other ( )	☒ Part information ☐ Electrical ☐ Transmit/receive	☐ Action required ☐ Service manual revision ☐ Retrofit information ☒ Tier2

Symptom:

The part shown as follows does not really exist.
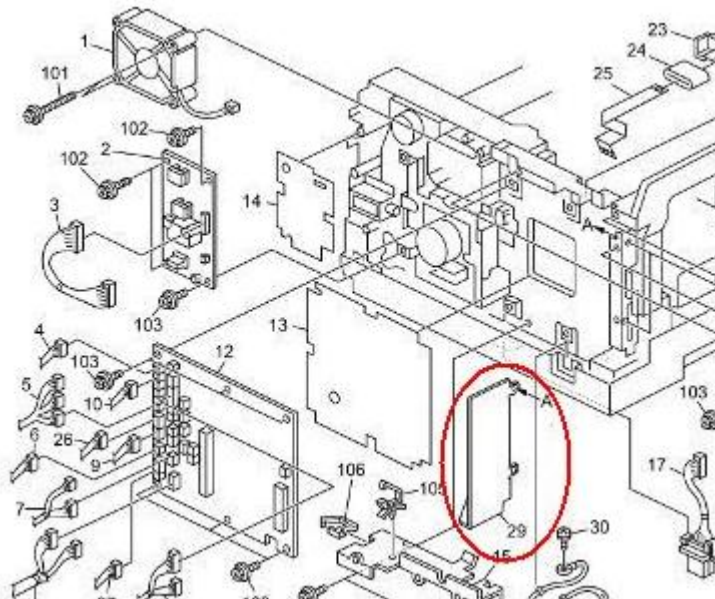
SKS-C1 Part Catalog Page.32

28	B129 1301	BICU Shadeing Plate	1	
29	B262 1314	Bracket:Basic	1	
30	AA14 3592	Screw- M4x6	1	

SKS-C1 Part Catalog Page.33

Correction:

Erase all information about this part from the Part Catalog of SKS-C1.

Model: SKS-C1	Date: 20-Apr-11	No.: RD108005

Subject: SKS-C1(D134) support for the Optional NIB	Prepared by: I Soh
From: 2nd Overseas Tech Support Sec. 2nd PQM Dept	

Classification:	☐ Troubleshooting	☒ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☐ Tier 2

## Support for the Optional Network Interface Board

Overview
- The SKS-C1 now supports the optional **Network Interface Board.**
- To achieve this, the GDI board and other service parts were modified (see below).
- The SKS-C1 that supports the optional board is the **D134**, which is scheduled for launch in China on April 27, 2011.
  Note: The **D108** does not support the network interface board.
- The installation procedure for the network interface board is shown below.

Area	Brand	Name	Product Code	EDP Code	Serial #
China	Ricoh	Ricoh Aficio MP 175L	D134-21	415910	W45Ymm00001~
China	Gestetner	Gestetner DSm517L	D134-25	415911	W45Ymm00001~

Service parts
The GDI controller board and the shape of the interface cover were modified for use on the new D134.

D108 P/N	**D134 P/N**	Description	Q'ty	P/C Page	Index
D0671252	**D1151252**	**COVER:EXIT:EU**	1->1	7	8
B1291309	**D1091313**	**COVER:CTL:D109**	2->1	37	5
B8805173	**D1105040**	**PCB:NC5:GDI:ASS'Y**	1->1	37	1

B1291309 x2 → D1091313
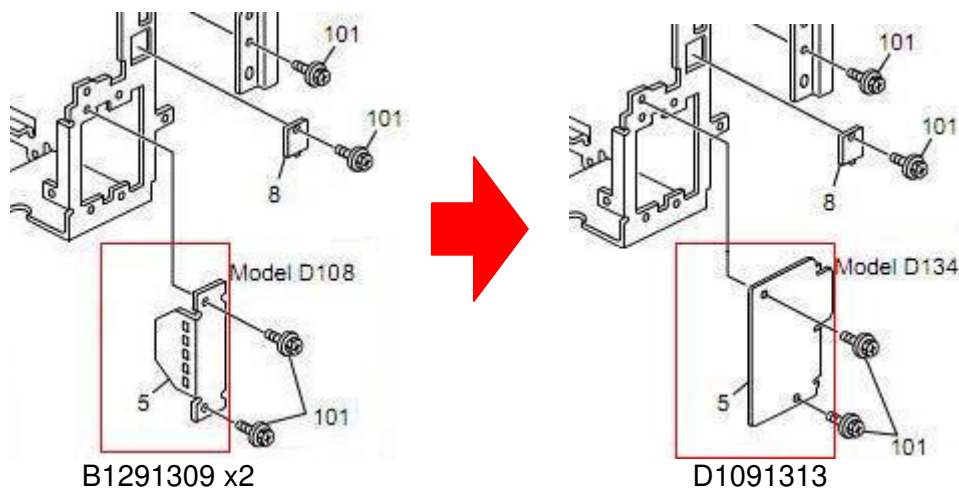
Network Interface Board Type 1000 (B86533):
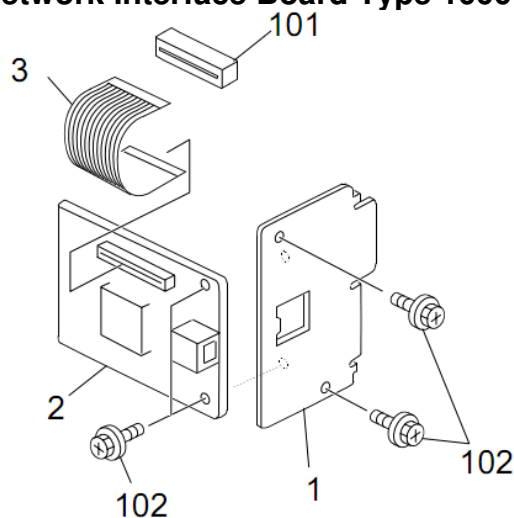
Index No.	Part No.	Description	Q'ty Per Assembly
1	D109 1305	Bracket:NIC:Expand:Ass'	1
2	D110 5401	PCB:NIC:GDI	1
3	D110 5452	Cable:NIC:GDI	1
101	1607 1715	Ferrite Core - RFC-5	
102	0360 3006N	Screw - M3x6	

Program number for GDI:

D108	D134
B8805573	D1105520

Network Interface Board Installation:

Network Interface Board (B86533)

↓ Note
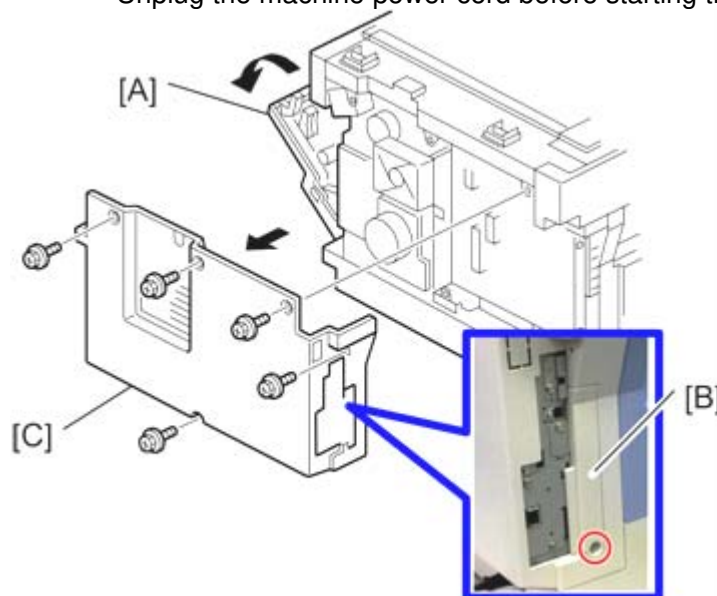- This option is used only for the modified SKS-C1(D134).

Component Check

No.	Description	Q'ty
1	Ferrite Core	1
2	Flexible Cable	1
3	Network Interface Board	1

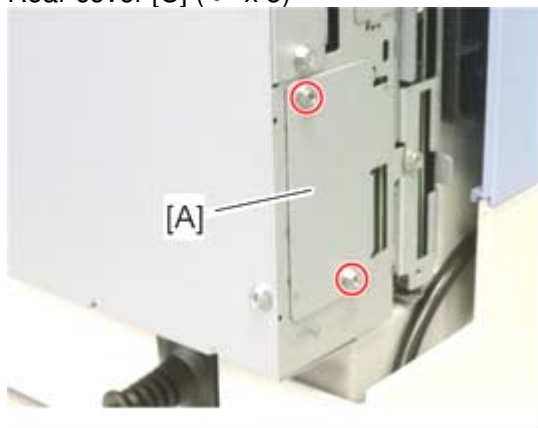| Model: SKS-C1	Date: 20-Apr-11	No.: RD108005

Installing Expansion Component

⚠ CAUTION

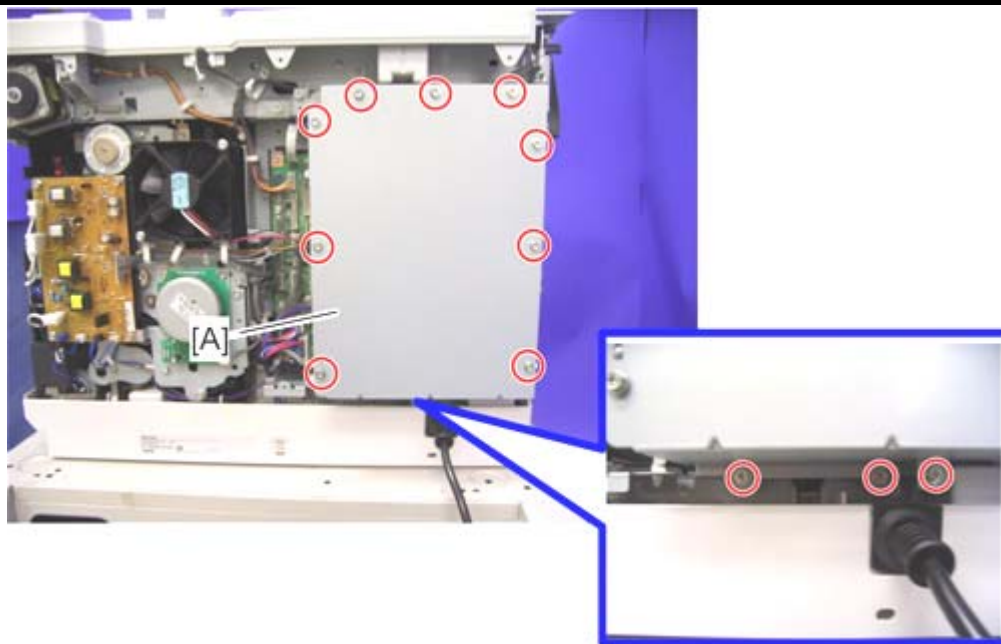- Unplug the machine power cord before starting the following procedure.

1. Open the right door [A].
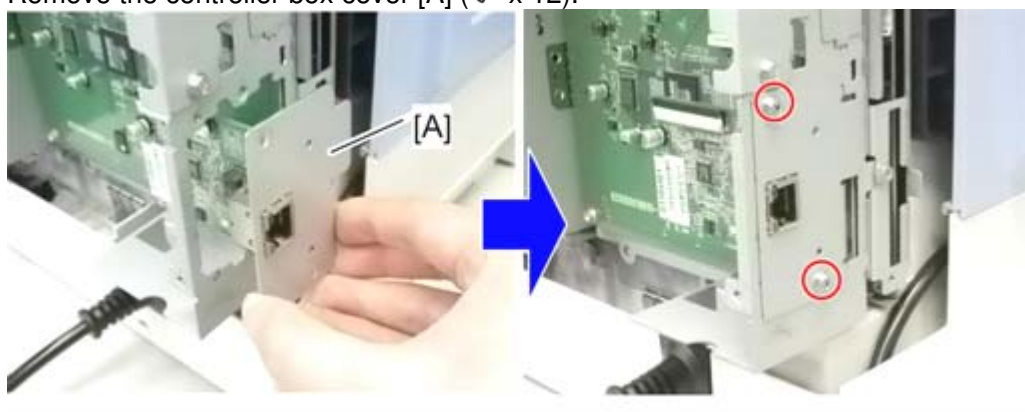2. Interface cover [B] (🔩 x 1)
3. Rear cover [C] (🔩 x 5)

4. Remove the interface slot cover [A] (🔩 x 2).
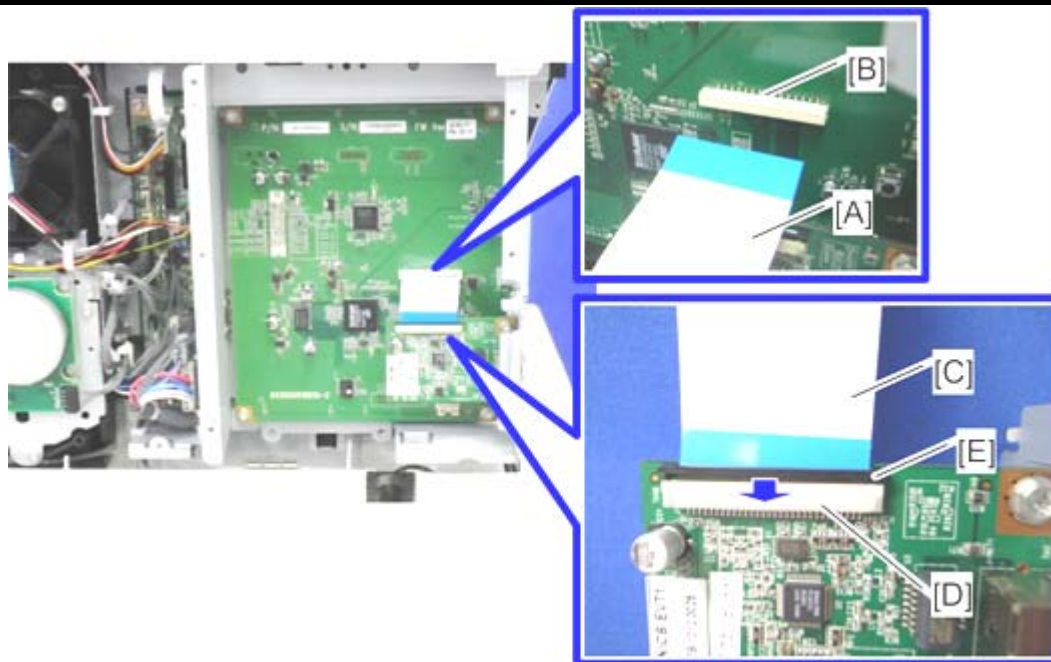
5. Remove the controller box cover [A] (✏ x 12).

6. Install the network interface board [A] into the interface slot of the controller (✏ x 2).
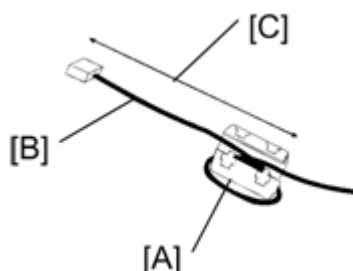   ▪ Use two screws, which have been removed in step 4.

7. Install the flexible cable [A] in the slot [B] of the controller with the blue part facing upward, and then the other end [C] of the flexible cable in the slot [D] of the network interface board.
   - Lock the flexible cable with the cable holder [E].
8. Reinstall the controller box cover (✏ x 12).

9. Attach the ferrite core [A] to the network cable [B]. The end of the ferrite core must be about 10 cm (4") from the end of the cable [C].
10. Install the network cable in the network slot.
11. Re-attach the rear cover (✏ x 5) and interface cover (✏ x 1).
12. Close the right door.
13. Turn on the machine.
14. Check if the "Network Setting" is displayed on the LCD (User Tools > Network Setting). If not, check the procedure above again.

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Model: Shoukoushu-C1(D134/ D108) China market only	Date: 16-Sep-11	No.: RD134001

Subject: PCB: S-C4L: LCD: Ass'y	Prepared by: M. Ishihara
From: 2nd Overseas Tech Support Sec. 2nd PQM Dept.	

Classification:	☐ Troubleshooting	☒ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☐ Tier 2

Old P/N	New P/N	Description	Q'ty	Int	Page	Index	Note
(D0671495)		LCD: 168x64DOTS			9	13	D108 P/C
(D1081551)		PCB: D108: OPU: CHN: Ass'y			9	9	D108P/C
	D1081490	PCB: S-C4L: LCD: Ass'y	0-1		9	15	New Index

Reason: To facilitate replacing the part in the field
Change: D1081490 was available as a service part. It is an assembled part number which contains the above two parts (LCD and PCB) soldered together.

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Technical Bulletin

PAGE: 1/1

Model: SKS-C1	Date: 07-Dec-11	No.: RD108006

Subject: Parts Catalog Correction_Fusing_Middle Roller	Prepared by: M.Saiki
From: 2nd Tech Service Sect., MFP/P Tech Service Dept.	

Classification:	☐ Troubleshooting	☒ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☐ Tier 2

Incorrect part number	Correct part number	Description	Q'ty	Int	Page	Index	Note
AE022142	AF022142	MIDDLE ROLLER	2		29	59	

Change/Reason: The incorrect part number was indicated in the parts catalog.