

Model: Panda-C1		Date: 15-Jul-05	No.: RB270001
Subject: Differences between Kir-C2 and Panda-C1		Prepared by: H.Saitoh	
From: 1st Tech. Support Sec. Service Support Dept.			
Classification:	☐ Troubleshooting ☐ Mechanical ☐ Paper path ☐ Other ()	☐ Part information ☐ Electrical ☐ Transmit/receive	☐ Action required ☒ Service manual revision ☐ Retrofit information

DIFFERENCES BETWEEN THE KIR-C2b AND PANDA-C1 (B270-21)

Note:

- The Panda-C1 is for the China market only.
- See MB270001 for the Parts Catalog differences.

I. Major Differences

- Concept: The Panda-C1 was designed as a simple copier.
- The Panda-C1 **does not** have the following functions and parts:
 - Original size detection (ORIGINAL SENSOR)
 - Optional paper tray
 - Optional ARDF (B617).
Note: The only optional peripheral that can be used with the Panda-C1 is the ADF (B616).
 - GW functions for the Fax and Printer/Scanner
 - Auto Paper Selection, Auto Magnification Selection
- The Panda-C1 is fully compliant with the RoHS Directive.

II. Basic Specifications

Panda-C1	
CPM	15cpm
Network Capabilities	No
Paper Feed Tray	1 tray (250 papers)
Simplex / Duplex	Simplex only
Exterior	Same as Kir-C2b
ADF / ARDF	ADF only
APS	No

III. Service Manual Differences

1. The following sections **do not apply** to the Panda-C1.

1. INSTALLATION

1.4 ARDF INSTALLATION

1.6 TWO-TRAY PAPER TRAY UNIT INSTALLATION

1.7 ONE-TRAY PAPER TRAY UNIT INSTALLATION

1.8 ONE-BIN TRAY INSTALLATION

1.10.2 LOWER TRAY HEATER (TWO-TRAY MODEL ONLY)

1.10.3 TRAY HEATERS FOR THE OPTIONAL PAPER FEED UNITS

1.12 MFP EXPANSION

1.13 IEEE1284/IEEE1394 INTERFACE

1.14 BLUETOOTH

2. PREVENTIVE MAINTENANCE

2.1 PM TABLES

ARDF PART

PAPER TRAY UNIT

3. REPLACEMENT AND ADJUSTMENT

3.3.9 DUPLEX UNIT (B123)

3.3.11 LEFT LOWER COVER (TWO-TRAY MODELS ONLY)

3.3.12 RIGHT LOWER COVER (TWO-TRAY MODELS ONLY)

3.4.4 ORIGINAL WIDTH/LENGTH SENSOR

3.8.4 EXIT SENSOR

Duplex Models

3.8.13 LOWER PAPER FEED CLUTCH (TWO-TRAY MODELS ONLY)

3.8.14 VERTICAL TRANSPORT SENSOR (TWO-TRAY MODELS ONLY)

3.11 DUPLEX UNIT (DUPLEX MODELS ONLY)

3.12.5 REAR EXHAUST FAN (B123 ONLY)

5.1.3 SP MODE TABLES-MFP**5.1.6 DISPLAY APS DATA (SP4-301-1)**

Sensor Positions

Reading the Data

5.1.7 MEMORY CLEAR

Without Flash Memory Card

5.1.17 ADF APS SENSOR OUTPUT DISPLAY (SP6-901)**5.2 FIRMWARE UPDATE PROCEDURE FOR MFP MACHINES****6. DETAILED SECTION DESCRIPTIONS****6.14 DUPLEX UNIT****PERIPHERALS**

ONE-BIN TRAY (B621)

ARDF (B617)

SPECIFICATIONS**1. GENERAL SPECIFICATIONS**

Duplex Unit (B123 only)

2.1 ORIGINAL SIZE DETECTION**2.2 PAPER FEED AND EXIT**

Duplex

Optional Paper Tray, One-Bin Tray, By-pass Tray

4. OPTIONAL EQUIPMENT

ARDF

ONE-TRAY PAPER TRAY UNIT

TWO-TRAY PAPER TRAY UNIT

One-Bin Tray

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2. The following SP modes are invalid or were deleted on the Panda-C1:

5.1.2 SP MODE TABLES-BASIC

SP-code No.	Contents		On the Panda-C1:
1001 3	Leading Edge Registration	Duplex	Invalid
1002 2	Side-to-Side Registration	2 nd tray	Invalid
1002 3		3 rd tray	Invalid
1002 4		4 th tray	Invalid
1002 6		Duplex	Invalid
1003 2	Paper Feed Timing	2 nd tray	Invalid
1003 3		Optional tray	Invalid
1003 5		Duplex	Invalid
1903 2	Feed Clutch Boost	2 nd , 3 rd , 4 th tray	Invalid
1908 1	Optional Tray Adj.	1 st optional	Invalid
1908 2		2 nd optional	Invalid
4301 1	Display-APS Data		DELETED
4303 1	APS Small Size Original		DELETED
5127 1	APS Mode		DELETED
5807 1	Area Selection		Invalid
5812 1	Service TEL		Invalid
5907 1	Plug & Play Setting		Invalid
6006 4	ADF Adjustment	S to S/Rear Regist	Invalid
6006 6		Original Curl Adj	Invalid
6006 7		Skew Correction	Invalid
7504 11	Counter-Each P Jam	Off-1 Vertical SN	Invalid
7504 12		ON-1 Vertical SN	Invalid
7504 21	Counter-Each P Jam	Off-2 Vertical SN	Invalid
7504 22		ON-2 Vertical SN	Invalid
7504 31		Off-3 Vertical SN	Invalid
7504 32		ON-3 Vertical SN	Invalid
7504 60		Off-Regist Duplex	Invalid
7504 123		Off-Dup Inverter	Invalid

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SP-code No.	Contents		On the Panda-C1:
7504 125		On-Dup Inverter	Invalid
7504 126		Off-Dup Entrance	Invalid
7504 127		On-Dup Entrance	Invalid
7504 128		Off-Duplex Exit	Invalid
7504 129		On-Duplex Exit	Invalid
7505 214	Counter-Each O Jam	Off-Inverter SN	Invalid
7505 215		On-Inverter SN	Invalid
7991 2	Dsply-Info Count	Dsply-APS Working	Invalid
8221 2	ADF Org Feed	Back	Invalid
8411 1	Print/Duplex	Display the total count of the duplex printing.	Invalid
8422 1	C: PrtPGS/Dup Comb	Simplex > Duplex	Invalid
8422 2		Duplex > Duplex	Invalid
8422 4		Simplex Combine	Invalid
8422 5		Duplex Combine	Invalid
8422 6		2>	Invalid
8422 7		4>	Invalid
8451 3	C: PrtPGS/PprTray	Tray 2	Invalid
8451 4		Tray 3	Invalid
8451 5		Tray 4	Invalid