

PC-D320/D340 FAX-L400 SERVICE MANUAL

REVISION 0

PC-D320	H12-2553	230V	EC/UK/GER/FRN/ SWI/AST/SAF
PC-D340	H12-2563	230V	EC/UK/GER/FRN/ SWI/AST/SAF
FAX-L400	H12-2573	230V	EC/UK
FAX-L400	H12-2575	230V	GER
FAX-L400	H12-2577	230V	FRN
HANDSET APPARATUS			

Canon

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II. ABOUT THIS MANUAL

This manual is divided into five parts, and contains information required for servicing the product.

Each of the above parts is further divided into the following four chapters:

Chapter 1: General Description

This part explains product specifications and the how to service the unit safely. It is very important, so please read it.

Chapter 2: Technical Reference

This part explains the technical theory the product.

Chapter 3: Assembly and Disassembly

This part explains the assembly and disassembly of the product.

Chapter 4: Maintenance and Service

This part explains how to maintain the products for adjustment and troubleshooting and service operations and service switches.

Chapter 5: Appendix

This part explains the informations of the optional products and user data flow.



REFERENCE

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- For more details of user operations and user reports, see the separate volume of *Basic Guide* and *Printer Guide*.
 - Detailed description of each SSSW/parameter is not given in this manual except the new SSSWs/parameters added to this model.
See *G3 Facsimile Service Data Handbook (supplied separately)* for details them.
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III. REVISION HISTORY

<i>REVISION</i>	<i>CONTENT</i>
0	Original

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Chapter 3

Assembly and Disassembly

1. ATTENTION TO BE PAID DURING ASSEMBLY/DISASSEMBLY

1.1 Safety Cautions

Electrical shock

In order to prevent any risk of electrical shock, always be sure to check that the power cord and modular jack have been removed. Also, remove all cables connecting to the computer.

When conducting service that requires the main unit to be powered on, be sure to wear some kind of earthing, such as a wrist strap, etc. Otherwise, there is a danger of conduction and electrical shock.

Parts which are generally likely to cause electrical shock are as follows.

- Power supply unit primary (supplied with AC voltage)
- Telephone line primary
- LBP engine high voltage contacts (for high voltage during developing and transfer)

High temperature

In order to prevent burns during disassembly, allow at least ten minutes, after the power has been switched off, for the high temperature components to cool down.

General high temperature components are as follows.

- Motors
- Power supply unit
- Elements on driver ICs, etc., on PCBs (in particular, ICs with heatsinks)
- BJ cartridge aluminium plate (for BJ cartridge engine models)
- Fixing unit and peripheral covers (for LBP engines)

Battery Replacement

The batteries must be replaced correctly to avoid explosion.

Do not replace any battery with one not indicated for the machine, i.e., use one of the same type or equivalent. Be sure to dispose of used batteries according to local laws and regulations.

Fire

It is dangerous to throw lithium batteries and parts and components containing flammable substances, such as cartridges, etc., into fire. Such parts and components must be disposed of in accordance with local laws and regulations.

Ignition

When using solvents such as alcohol, etc., while conducting service, there is a danger of fire igniting from heat from internal circuitry and from sparks. Before using any such solvents, be sure to switch off the power and allow time for high temperature parts to cool down. Make sure that there is sufficient ventilation when working with solvents.