

CONTENTS

1. Precautions	page(1-1)
1-1 Safety Precautions	page(1-1)
1-2 Precautions on Disassembly and Reassembly	page(1-1)
1-3 Tools for Troubleshooting	page(1-2)
2. Specifications	page(2-1)
3. Disassembly and Reassembly	page(3-1)
3-1 Cover Assembly	page(3-1)
3-2 LED Panel PBA	page(3-2)
3-3 LSU(Laser Scanning Unit)	page(3-2)
3-4 Transfer Roller	page(3-3)
3-5 Motor Assembly	page(3-3)
3-6 HVPS Board	page(3-4)
3-7 Fuser Assembly	page(3-4)
3-8 Thermostat and Halogen Lamp	page(3-5)
3-9 SMPS Board	page(3-6)
3-10 Main Board and Sensor Board	page(3-7)
4. Troubleshooting	page(4-1)
4-1 How to use DCU	page(4-2)
4-2 The cause and solution of Bad image	page(4-5)
4-3 The cause and solution of the bad discharge.	page(4-12)
4-4 The cause and solution of the malfunction	page(4-16)
4-5 Toner Cartridge Service	page(4-21)
4-6 The cause and solutions of bad environment of the software	page(4-25)
5. Exploded Views and Parts List	page(5-1)
5-1 Expolded Views and Parts List	page(5-2)
5-2 Front Assembly	page(5-4)
5-3 Engine/Frame Lower Assembly	page(5-6)
5-4 Fuser Assembly	page(5-8)
5-5 Shield Engine Unit Assembly	page(5-10)
5-6 RX Drive Assembly	page(5-12)
5-7 Plate-Upper Unit Assembly	page(5-14)
6. Block Diagram	page(6-1)
6-1 Block Diagram(GDI)	page(6-1)
6-2 Block Diagram(PCL)	page(6-2)
7. Connection Diagram	page(7-1)
7-1 Connection Diagram(GDI)	page(7-1)
7-2 Connection Diagram(PCL)	page(7-2)