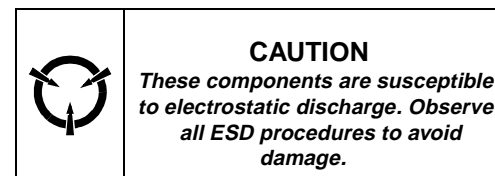


Xerox DocuPrint N2025/N2825 Network Laser Printer Service Manual

721P52440
February 2000



This Service Manual contains information that applies to the DocuPrint N2025/N2825 Laser Printer.

Copyright

This Service Manual contains information that applies to the DocuPrint N2025/N2825 Electronic Laser Printer.

NOTICE

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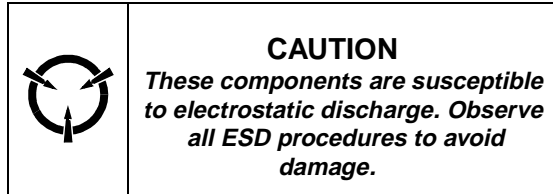
XL is a trademark of Xiontics.

Warning

This equipment complies with the requirements in Part 15 of FCC rules for a class A computing device. Operation of the equipment in a residential area may cause unacceptable interference to radio and TV reception, requiring the operator to take whatever steps are necessary to correct the interference.

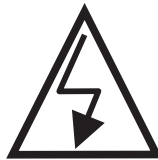
Electrostatic Discharge

This caution indicates that there are components which are sensitive to damage caused by electrostatic discharge.



Shock Hazard

This symbol indicates the presence of potentially hazardous voltages.



FM_001

Fuser Hazard

This symbol indicates the presence of extreme heat from the Fuser Assembly.



Class 1 LASER Product

The DocuPrint N2025/N2825 laser printers are certified to comply with Laser Product Performance Standards set by the U.S. Department of Health and Human Services as a Class 1 Laser Product. This means that this is a class of laser product that does not emit hazardous laser radiation; this is possible only because the laser beam is totally enclosed during all modes of customer operation.

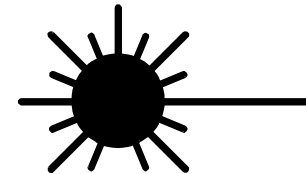
The laser and output of the laser scanner unit produces a beam that, if looked into, could cause eye damage. Service procedures must be followed exactly as written without change.

When servicing the machine or laser module, follow the procedures specified in the manual and there will be no hazards from the laser.

Laser (FDA): Any laser label visible to service must be reproduced in the service manual with location shown or indicated. Safe working procedures and clear warnings concerning precautions to avoid possible exposure must also be included.

The Laser contained in the DocuPrint N2025/N2825 meets the following standard: Laser class 3B, maximum 5mW, wavelength 780nm.

The following LASER symbol will be displayed at the start of any procedure where possible exposure to the laser beam exists.



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KLASS 1 LASER APPARAT

Table of Contents

Title	Page
Introduction	iv
Organization	v
Revision Control List	viii
Service Call Procedures	1-1
Section Contents	1-1
Repair Analysis Procedures	2-1
Section Contents	2-1
Image Quality Repair Procedures	3-1
Section Contents	3-1
Repair/Adjustments	4-1
Section Contents	4-1
Parts List	5-1
Section Contents	5-1
General Procedures	6-1
Section Contents	6-1
Wiring Data	7-1
Section Contents	7-1

Introduction

The DocuPrint N2025/N2825 Service Manual is the primary document used for repairing and maintaining the DocuPrint N2025/N2825 Laser Printers.

This manual contains Service Call Procedures, Diagnostic Procedures, General Information, Repair Analysis Procedures, Image Quality Analysis Procedures, Wiring Data, and Parts Lists that will enable the Service Representative to repair DocuPrint N2025/N2825 failures.

Organization

This manual is divided into seven sections. The title and description of each section of the manual is as follows:

Section 1 - Service Call Procedures

This section is used to identify a suspected problem. It contains Machine Orientation, Call Flow, Initial Actions, Corrective Actions, and Final Actions. This part of the service manual should always be used to start the service call.

Section 2 - Repair Analysis Procedures

This section is used to isolate and identify problems to a faulty component or subassembly. It contains the introduction, display message table, error code tables and the Repair Analysis Procedures (RAPs).

Section 3 - Image Quality

This section contains image quality repair procedures to assist in correcting image quality defects. These procedures provide defect samples and definitions to help identify the type of defect that exists, the test pattern to use, and actions required to correct the defects.

Section 4 - Repair / Adjustment

This section contains the instructions for removal, replacement, and adjustment of the spared parts within the machine.

Section 5 - Parts Lists

This section contains illustrations of disassembled subsystems and a listing of the spared parts.

Part names are listed in this section of the manual even if the part itself is not spared. All the parts that are spared will have the part number listed. Parts that are not spared will not have a number listed.

Section 6 - General Procedures

This section includes the Operations Menu Map and the Service Mode Menu Map. It includes all unique service operations, supplemental tools and supplies.

Section 7 - Wiring Data

This section contains sensor, connector, and PWB location drawings; power distribution diagrams, interconnect diagrams, interconnect diagrams and pin assignment information. This information is not specific to individual procedures but is provided for general reference.

Terminology and Symbols

The following is the terminology and symbols that are used in this manual for Warnings, Electrostatic Device or General Cautions, and Notes.

Warning

This equipment complies with the requirements in Part 15 of FCC rules for a class A computing device. Operation of the equipment in a residential area may cause unacceptable interference to radio and TV reception, requiring the operator to take whatever steps are necessary to correct the interference.

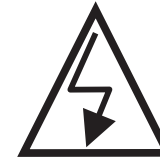
Electrostatic Discharge

The following symbols indicates that there are components which are sensitive to damage caused by electrostatic discharge.



Shock Hazard

This symbol indicates the presence of potentially hazardous voltages.



FM_001

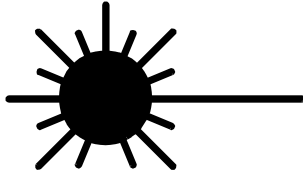
Fuser Hazard

This symbol indicates the presence of extreme heat from the Fuser Assembly.



Laser Product Certification

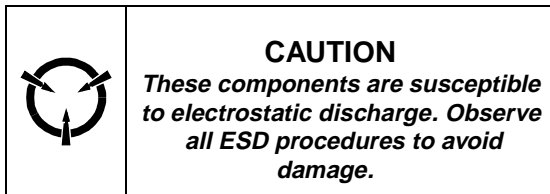
CAUTION



Use of controls or adjustments other than those specified in this manual may result in an exposure to dangerous laser radiation.

The DocuPrint N2025/N2825 is certified to comply with Laser Product Performance Standards set by the United States Department of Health and Human Services as a Class 1 product. This means that it is a laser product that does not emit dangerous laser radiation during any mode of customer operation.

During servicing, the laser beam could cause eye damage if looked at directly. Service procedures must be followed exactly as written without change.



Product: DocuPrint N2025/N2825 Laser Printer	Title: Xerox DocuPrint N2025/N2825 Network Laser Printer Service Manual	Part Number: 721P52440
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Page	Revision	Page	Revision	Page	Revision	Page	Revision	Page	Revision	Page	Revision
Title	--- 2/2000	2-16	---- 2/2000	2-51	---- 2/2000	3-19	---- 2/2000	4-27	---- 2/2000	4-62	--- 2/2000
ii	----- 2/2000	2-17	---- 2/2000	2-52	---- 2/2000	3-20	---- 2/2000	4-28	---- 2/2000	4-63	--- 2/2000
iii	----- 2/2000	2-18	---- 2/2000	2-53	---- 2/2000	3-21	---- 2/2000	4-29	---- 2/2000	4-64	--- 2/2000
iv	----- 2/2000	2-19	---- 2/2000	2-54	---- 2/2000	3-22	---- 2/2000	4-30	---- 2/2000	4-65	--- 2/2000
v	----- 2/2000	2-20	---- 2/2000	2-55	---- 2/2000	3-23	---- 2/2000	4-31	---- 2/2000	4-66	--- 2/2000
vi	----- 2/2000	2-21	---- 2/2000	2-56	---- 2/2000	3-24	---- 2/2000	4-32	---- 2/2000	4-67	--- 2/2000
vii	----- 2/2000	2-22	---- 2/2000	2-57	---- 2/2000	3-25	---- 2/2000	4-33	---- 2/2000	4-68	--- 2/2000
viii	----- 2/2000	2-23	---- 2/2000	2-58	---- 2/2000	3-26	---- 2/2000	4-34	---- 2/2000	4-69	--- 2/2000
ix	----- 2/2000	2-24	---- 2/2000	2-59	---- 2/2000			4-35	---- 2/2000	4-70	--- 2/2000
x	----- 2/2000	2-25	---- 2/2000	2-60	---- 2/2000	4-1	----- 2/2000	4-36	---- 2/2000	4-71	--- 2/2000
		2-26	---- 2/2000	2-61	---- 2/2000	4-2	----- 2/2000	4-37	---- 2/2000	4-72	--- 2/2000
1-1	---- 2/2000	2-27	---- 2/2000	2-62	---- 2/2000	4-3	----- 2/2000	4-38	---- 2/2000	4-73	--- 2/2000
1-2	---- 2/2000	2-28	---- 2/2000	2-63	---- 2/2000	4-4	----- 2/2000	4-39	---- 2/2000	4-74	--- 2/2000
1-3	---- 2/2000	2-29	---- 2/2000	2-64	---- 2/2000	4-5	----- 2/2000	4-40	---- 2/2000	4-75	--- 2/2000
1-4	---- 2/2000	2-30	---- 2/2000	2-65	---- 2/2000	4-6	----- 2/2000	4-41	---- 2/2000	4-76	--- 2/2000
1-5	---- 2/2000	2-31	---- 2/2000	2-66	---- 2/2000	4-7	----- 2/2000	4-42	---- 2/2000	4-77	--- 2/2000
1-6	---- 2/2000	2-32	---- 2/2000			4-8	----- 2/2000	4-43	---- 2/2000	4-78	--- 2/2000
1-7	---- 2/2000	2-33	---- 2/2000	3-1	----- 2/2000	4-9	----- 2/2000	4-44	---- 2/2000	4-79	--- 2/2000
1-8	---- 2/2000	2-34	---- 2/2000	3-2	----- 2/2000	4-10	---- 2/2000	4-45	---- 2/2000	4-80	--- 2/2000
		2-35	---- 2/2000	3-3	----- 2/2000	4-11	---- 2/2000	4-46	---- 2/2000	4-81	--- 2/2000
2-1	---- 2/2000	2-36	---- 2/2000	3-4	----- 2/2000	4-12	---- 2/2000	4-47	---- 2/2000	4-82	--- 2/2000
2-2	---- 2/2000	2-37	---- 2/2000	3-5	----- 2/2000	4-13	---- 2/2000	4-48	---- 2/2000	4-83	--- 2/2000
2-3	---- 2/2000	2-38	---- 2/2000	3-6	----- 2/2000	4-14	---- 2/2000	4-49	---- 2/2000	4-84	--- 2/2000
2-4	---- 2/2000	2-39	---- 2/2000	3-7	----- 2/2000	4-15	---- 2/2000	4-50	---- 2/2000	4-85	--- 2/2000
2-5	---- 2/2000	2-40	---- 2/2000	3-8	----- 2/2000	4-16	---- 2/2000	4-51	---- 2/2000	4-86	--- 2/2000
2-6	---- 2/2000	2-41	---- 2/2000	3-9	----- 2/2000	4-17	---- 2/2000	4-52	---- 2/2000	4-87	--- 2/2000
2-7	---- 2/2000	2-42	---- 2/2000	3-10	---- 2/2000	4-18	---- 2/2000	4-53	---- 2/2000	4-88	--- 2/2000
2-8	---- 2/2000	2-43	---- 2/2000	3-11	---- 2/2000	4-19	---- 2/2000	4-54	---- 2/2000	4-89	--- 2/2000
2-9	---- 2/2000	2-44	---- 2/2000	3-12	---- 2/2000	4-20	---- 2/2000	4-55	---- 2/2000	4-90	--- 2/2000
2-10	--- 2/2000	2-45	---- 2/2000	3-13	---- 2/2000	4-21	---- 2/2000	4-56	---- 2/2000	4-91	--- 2/2000
2-11	--- 2/2000	2-46	---- 2/2000	3-14	---- 2/2000	4-22	---- 2/2000	4-57	---- 2/2000	4-92	--- 2/2000
2-12	--- 2/2000	2-47	---- 2/2000	3-15	---- 2/2000	4-23	---- 2/2000	4-58	---- 2/2000	4-93	--- 2/2000
2-13	--- 2/2000	2-48	---- 2/2000	3-16	---- 2/2000	4-24	---- 2/2000	4-59	---- 2/2000	4-94	--- 2/2000
2-14	--- 2/2000	2-49	---- 2/2000	3-17	---- 2/2000	4-25	---- 2/2000	4-60	---- 2/2000	4-95	--- 2/2000
2-15	--- 2/2000	2-50	---- 2/2000	3-18	---- 2/2000	4-26	---- 2/2000	4-61	---- 2/2000	4-96	--- 2/2000

Initial Issue

DocuPrint N2025/N2825

02/2000

viii

Revision Control List

Page	Revision	Page	Revision	Page	Revision	Page	Revision	Page	Revision	Page	Revision
5-1	-----2/2000	6-13	-----2/2000	6-53	-----2/2000	6-93	-----2/2000	7-34	-----2/2000		
5-2	-----2/2000	6-14	-----2/2000	6-54	-----2/2000	6-94	-----2/2000	7-35	-----2/2000		
5-3	-----2/2000	6-15	-----2/2000	6-55	-----2/2000	6-95	-----2/2000	7-36	-----2/2000		
5-4	-----2/2000	6-16	-----2/2000	6-56	-----2/2000	6-96	-----2/2000	7-37	-----2/2000		
5-5	-----2/2000	6-17	-----2/2000	6-57	-----2/2000	6-97	-----2/2000	7-38	-----2/2000		
5-6	-----2/2000	6-18	-----2/2000	6-58	-----2/2000	6-98	-----2/2000	7-39	-----2/2000		
5-7	-----2/2000	6-19	-----2/2000	6-59	-----2/2000			7-40	-----2/2000		
5-8	-----2/2000	6-20	-----2/2000	6-60	-----2/2000	7-1	-----2/2000	7-41	-----2/2000		
5-9	-----2/2000	6-21	-----2/2000	6-61	-----2/2000	7-2	-----2/2000	7-42	-----2/2000		
5-10	-----2/2000	6-22	-----2/2000	6-62	-----2/2000	7-3	-----2/2000	7-43	-----2/2000		
5-11	-----2/2000	6-23	-----2/2000	6-63	-----2/2000	7-4	-----2/2000	7-44	-----2/2000		
5-12	-----2/2000	6-24	-----2/2000	6-64	-----2/2000	7-5	-----2/2000	7-45	-----2/2000		
5-13	-----2/2000	6-25	-----2/2000	6-65	-----2/2000	7-6	-----2/2000	7-46	-----2/2000		
5-14	-----2/2000	6-26	-----2/2000	6-66	-----2/2000	7-7	-----2/2000	7-47	-----2/2000		
5-15	-----2/2000	6-27	-----2/2000	6-67	-----2/2000	7-8	-----2/2000	7-48	-----2/2000		
5-16	-----2/2000	6-28	-----2/2000	6-68	-----2/2000	7-9	-----2/2000				
5-17	-----2/2000	6-29	-----2/2000	6-69	-----2/2000	7-10	-----2/2000				
5-18	-----2/2000	6-30	-----2/2000	6-70	-----2/2000	7-11	-----2/2000				
5-19	-----2/2000	6-31	-----2/2000	6-71	-----2/2000	7-12	-----2/2000				
5-20	-----2/2000	6-32	-----2/2000	6-72	-----2/2000	7-13	-----2/2000				
5-21	-----2/2000	6-33	-----2/2000	6-73	-----2/2000	7-14	-----2/2000				
5-22	-----2/2000	6-34	-----2/2000	6-74	-----2/2000	7-15	-----2/2000				
5-23	-----2/2000	6-35	-----2/2000	6-75	-----2/2000	7-16	-----2/2000				
5-24	-----2/2000	6-36	-----2/2000	6-76	-----2/2000	7-17	-----2/2000				
5-25	-----2/2000	6-37	-----2/2000	6-77	-----2/2000	7-18	-----2/2000				
5-26	-----2/2000	6-38	-----2/2000	6-78	-----2/2000	7-19	-----2/2000				
		6-39	-----2/2000	6-79	-----2/2000	7-20	-----2/2000				
		6-40	-----2/2000	6-80	-----2/2000	7-21	-----2/2000				
6-1	-----2/2000	6-41	-----2/2000	6-81	-----2/2000	7-22	-----2/2000				
6-2	-----2/2000	6-42	-----2/2000	6-82	-----2/2000	7-23	-----2/2000				
6-3	-----2/2000	6-43	-----2/2000	6-83	-----2/2000	7-24	-----2/2000				
6-4	-----2/2000	6-44	-----2/2000	6-84	-----2/2000	7-25	-----2/2000				
6-5	-----2/2000	6-45	-----2/2000	6-85	-----2/2000	7-26	-----2/2000				
6-6	-----2/2000	6-46	-----2/2000	6-86	-----2/2000	7-27	-----2/2000				
6-7	-----2/2000	6-47	-----2/2000	6-87	-----2/2000	7-28	-----2/2000				
6-8	-----2/2000	6-48	-----2/2000	6-88	-----2/2000	7-29	-----2/2000				
6-9	-----2/2000	6-49	-----2/2000	6-89	-----2/2000	7-30	-----2/2000				
6-10	-----2/2000	6-50	-----2/2000	6-90	-----2/2000	7-31	-----2/2000				
6-11	-----2/2000	6-51	-----2/2000	6-91	-----2/2000	7-32	-----2/2000				
6-12	-----2/2000	6-52	-----2/2000	6-92	-----2/2000	7-33	-----2/2000				

