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Introduction

The Xerox 4512/4512N Service Manual is the primary document used for repairing and maintaining the 4512/4512N Laser Printer.

This manual contains Service Call Procedures, Diagnostic Procedures, General Information, Repair Analysis Procedures, Image Quality Analysis Procedures, Wiring Data, Parts Lists, and Options that will enable the Service Representative to repair 4512/4512N failures.

The DocuPrint 4512 is the base model. The 4512N is the base model with a customer selectable network option installed. For the remainder of this service manual, we will consider them as a product line and refer to them as the 4512.

Organization

This manual is divided into eight 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 Call Flow, Initial Actions, and Final Actions. This part of the service manual should always be used to start the service call.

Section 2 - PRINTER SPECIFICATIONS

This section contains all the specifications for the 4512N printer.

Section 3 - 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 4 - REPAIR PROCEDURES

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

Section 5 - GENERAL PROCEDURES

This section contains diagnostic routines, printer setup procedures, and a listing of tools and supplies.

Section 6 - WIRING DATA

This section contains illustrations of the plug/jack locations and the routing of power and signal cables.

Section 7 - REPAIR ANALYSIS PROCEDURES (RAPs)

This section contains the procedures necessary to repair failures in the printer. This section also contains the procedures necessary to troubleshoot print quality problems.

Section 8 - OPTIONS

This section contains the instructions for installing, repairing, troubleshooting, and the parts lists for customer purchased options.