Sheetfed Scanner

Service Manual

Version 1.0

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1. INTRODUCTION

- 1.1 General Notes for Servicing
- **1.2 General Description**

This manual is intended to be used by the maintenance engineers. It describes areas to be maintained, the detailed installation, the disassembly of optional ADF, and the component replacement procedures as well as the main trouble shooting guides.

Please take your time to read this manual thoroughly to obtain comprehensive knowledge about the scanner before serving the unit.

1.1 General notes for servicing

- (1) Before trying to disassemble the scanner, make sure the power supply cord of theAV220 is disconnected from the power outlet. Under any circumstance, do not remove or install the connectors on the scanner with the power supply turned ON.
- (2) Use caution not to drop small parts or screws inside the unit when disassembling and reassembling. If left inside, they might cause the malfunction of the unit.
- (3) Do not pull the connector cable when disconnecting it. Hold the connector.
- (4) When carrying the scanning head unit, put it in an anti-static bag.
- (5) Keep the document table glass surface always clean. If contaminated, use a dry clean cloth for cleaning.
- (6) Use caution not to injure your fingers or hands when disassembling or reassembling the unit.

1.2 General Description

The scanner which features small footprint and fast scan rate is the perfect companion at your desktop. The build-in automatic document feeder allows 50 sheets of documents to be scanned continuously at one time and achieves fast scan rate of 25 pages per minute in simplex mode and 50 images per minute in duplex mode.

1.3 Basic Specifications

Туре:	Sheetfed scanner, duplex	
Optical Resolution:	600 dpi	
Color Depth:	48-bit Color (input)	
-	24-bit Color (output) single pass color (R, G, B)	
Image Type:	256 shades of gray scale	
	64 shades of gray for halftones	
	Line art (binary)	
	Error diffusion	
	8-bit Color	
	24-bit Color	
ADF Scan Speed:	25 pages per minute (simplex mode)	
(NONE Channel at 200dpi	50 images per minute (duplex mode)	
B&W A4 size)		
Scan Area:	ADF: minimum: 3.5" x 2" (88 x 50 mm)	
	ADF: maximum: 8.5"x 14" (215 x 355 mm)	
	, ,	
Paper Size:	ADF Max.: 8.5" x 14" (Legal)	
	ADF single page min.: 3.5" x 2"	
	ADF duplex multipage min.: 3.5" x 3.0"	
Paper Thickness:	16 – 28 lbs/0.002" ~ 0.006"	
Paper Input (ADF):	up to 50 sheets	
	•	
Physical Dimension:	6 37 x 13 2 x 6 5 inches (without trav)	
HyWyD	$(162.3 \times 337.2 \times 167.8 \text{ mm})$	
Weight:	4 3 kg	
Interface.		
Power Source:	Input: 100~240V, AC, 50/60 Hz	
	Output: 24V, DC, 2.0A	
Power Consumption:	≤ 30 Watts	

2. UNPACKING, INSTALLATION, AND TRANSPORTATION

- 2.1 Precautions of Installation
- 2.2 Unpacking Procedure
- 2.3 Installation
- 2.4 Placing the Original
- 2.5 Transportation

2.1 Precautions of Installation

Pay attention to the following matters before unpacking and installation.

- Do not install in a place where vibration may occur.
- Keep the scanner out of direct sunlight. Do not install near a heat source.
- Do not place the scanner around materials which shut off the circulation of air.
- Do not install in a humid or dusty place.
- Use care not to scratch the glass surface of the scanner or the document holding pad with a clip or staple.
- Do not use the wall socket with connecting devices which may generate noise, for example, air-conditioner, etc.
- Use a suitable AC power source.
- Place the scanner on a level surface.

2.2 Unpacking Procedure

Unpack the scanner according to the following procedure.

- Remove the packing material.
- Remove the scanner from the shipping container.
- Remove the scanner from the PVC bag.
- Check the items by referring to Figure 2.1.
- For any missing items, please contact your nearest dealer or distributor.

Note: Keep all the packing material in case you may need to return the scanner.







- Main Unit 1.
- 2.
- Input Paper Tray Output Paper Tray USB Cable 3.
- 4.
- 5. Power Adapter
- . Power Cord 6.

Figure 2.1 Package Contents

2.3 Installation

2.3.1 Installing the ADF Paper Tray

1. Attach the ADF Paper Tray to the clip joint of the scanner as indicated below. When properly insert, you will hear a snap-in sound.



Figure 2.2 Installing the ADF Paper Tray

2.3.2 Installing the ADF Output Paper Tray

- 1. Hold the Output paper tray some 30 degrees as shown in below.
- 2. Insert the right protrusion of the Output Paper Tray into the hole on the front of the scanner.
- 3. Insert the left protrusion of the Output Paper Tray slightly into the hole on the front of the scanner.



Figure 2.3 Installing the Output Paper Tray

2.3.3 Connecting the Cables

Make sure the power of scanner is off.

2.3.3.1 Connecting to Power

Plug the small end of the power adaptor into the power jack of your scanner. Insert the other end to an appropriate power outlet.



Figure 2.4 Installing the Power Cable

2.3.4 Turning on the Power

After the power cable and the USB cable have all connected, press the power switch to the "I" position to turn on the scanner. To turn off the scanner, please press the power switch to the "O" position.



Figure 2.5 Turn on the scanner

2.4 Placing the original

Document feeding

Place your document with the text face down on the ADF Input Paper Tray. Align the two sides of the document with the slide guides. Please note that the ADF Input Paper Tray can hold up to 50-page document at a time.



Figure 2.6 Place the document

3. THEORY OF OPERATION

3.1 Introduction

3.2 Main Control Unit

3.1 Introduction



Figure 3.1 Theory of Operation

The reflected rays of your original as shown in the above Figure 3.1 pass through the lens and create an image on the CCD (Charged Coupled Device). Then, according to the different light intensity perceived by the CCD, the CCD will transfer these data into a series of analog signals to the main board, where the signals are turned into digital signals. These digital signals flow to the USB 2.0 Controller to transfer to a host computer.

3.2 Main control unit

3.2.1 System diagram



Figure 3.2 System block diagram

3.2.2 Main control circuit

This scanner is controlled by the 80C32. The 80C32 is configured with a 64-KB external ROM program area, a 256-BYTE internal RAM work area, a 64-KB external RAM work area, 2 timer / counters, 4 I/O ports, 2 external interrupts, and 2 internal interrupts for 2 internal timer / counters.

Address Maps:

ROM program area:

0000 64KB Program FFFF

Internal RAM working area:

00	256-byte
FF	Internal Registers

External SRAM working area: ٠

> 0000 FFFF

Γ	64 KB
	External Program
	External Program

3.2.3 Video circuit:

The video circuit of the scanner includes: 1. CCD driving circuit, 2. CCD signal processing circuit.

1. CCD Driving Circuit

The CCD driving circuit is used to generate correct signals to the CCD, so that the CCD may generate the correct image data.

Signals for CCD:

Pin Assignment for CCD cable

Pin No.	Name	Function
1	AG	Analog Ground
2	VOR	CCD Red Channel Output Signal
3	AG	Analog Ground
4	VOG	CCD Green Channel Output Signal
5	AG	Analog Ground
6	VOB	CCD Blue Channel Output Signal
7	AG	Analog Ground
8	12VDC	CCD Power Supply
9	SH	CCD RGB Channel Shift Gate
10	PHI1	CCD Clock Phase
11	DG	Digital Ground
12	PHI2	CCD Clock Phase
13	DG	Digital Ground
14	RS	CCD Reset Gate
15	DG	Digital Ground
16	СР	Clamp Gate
17	VCC	Digital 5V Power Supply
18	SW	Changeover Switch (color and B/W)





CCD Signal Processor

The CCD signal processor includes all the necessary circuitry to perform threechannel conditioning and sampling. The signal chain consists of three-channel correlated double sampling (CDS) and programmable gain adjustment of the CCD output (PGA) is a 16 bit analog to digital connector (ADC) quantizes the analog signal.

3.2.4 LED and Push Button Module Circuit

The circuit for the LED and Push Button modules showes the function of the entire scanner including the Error LED (Red), the Ready LED (Green) and the Push Button. .

Pin No.	Name	Function
1	Ground	Ground
2	Ground	Ground
3	Button	Scan
4	Button	Cancel
5	Button	Function select
6	LED G	Ready status indicator
7	LED R	Seven segment display
8	Seven 1	Seven segment display
9	Seven 2	Seven segment display
10	Seven 3	Seven segment display
11	Seven 4	Seven segment display
12	Seven 5	Seven segment display
13	Seven 6	Seven segment display
14	Seven 7	Seven segment display
15	Seven 8	Seven segment display

Pin assignment of LED module

3.2.5 Sensor input

A. Photo_Sensor

The sensor input includes paper in/out sensor.

Paper In/Out sensor

The paper position is detected by photo sensor. The photo transistor transmission to the photo sensor receiver circuit is shown below.



Figure 3.3 Paper in/out sensor

The paper in/out sensor is detected when the paper passes between the LED and the photo transistor.

B. IR-Sensor



Figure 3.4 IR_Sensor

3.2.6 Sub power supply circuit

The sub power supply circuit is provided for the internal analog circuit. Input is 24V and output is Vcc and +5Va. The circuit configuration is shown below:



The sub power supply is used for: A/D, and logic circuits.

3.2.7 Power supply

In this system, there is only one type of power supply. Please see Table 3.1 for details.

Type Characteristic	Wall-mount
Input voltage range	100-240V
Input current (at the rated input/output)	2A type or less
Input frequency	50-60Hz
Max. in-rush current(@full load, cold start)	45A
Output voltage	+24Vdc
Min. load current	0.0A
Max. load current	2A
Total power (at full load)	30W

4. PROBLEM SOLVING

4.1 Diagnostics4.2 Troubleshooting

This chapter supplies two paths for dealing with operational problems. The first relies on the scanner's internal diagnostics. The second uses troubleshooting flowcharts and tables to isolate the problem. In many cases, the internal diagnostics will help you to locate the source of the problem quickly. Use these diagnostics first. If the diagnostics do not locate the source of the problem, refer to Section 4.2 **Troubleshooting**.

4.1 Diagnostics

The scanner has internal diagnostics to help you determine the cause of operational problems. Some of the diagnostics function with the scanner online, while others are part of a separate offline diagnostics feature.

4.1.1 Online diagnostics

Determine operational problems by observing the display panel Error, Ready, and Check LEDs. With the scanner online and operating normally, the Ready LED is on and the Error LED is off. Any other Error LED indicates a problem, as shown in the following table.

Ready LED	Green LED On
Check LED	Green LED Blinking
Error LED	RED LED Blinking
Indication	(Group Error)

Table 4.1	Online diagnostics
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If the ADF cover is open, close it. For the group errors, see the flowcharts later in this section.

4.1.2 Offline diagnostics

To run the offline diagnostics, and turn the power back on. When you first turn the scanner back on, the READY light will blink, indicating that the diagnostics are in progress. Observe the front panel Error LED closely. In a short time, the Error LED indicates the results of the offline diagnostics as explained in the table below.

Ready LED (Green)	Error LED (RED)	Error Indication
ON (No blinking)	OFF	OK (Ready)
OFF	1	Face down SDRAM failure
OFF	2	Face up DRAM failure
OFF	3	CPU DRAM failure
OFF	4	Face down DC offset adjust failure
OFF	5	Face up DC offset adjust failure
OFF	6	Cover open error
OFF	7	Face down light check failure
OFF	8	Face up light check failure
OFF	9	Paper jam
OFF	0	USB disconnect

Table 4.2 Offline diagnostics results

For SRAM & DRAM error, refer to Main Control PCBA Replacement in Chapter 5. For the Group 2 error, see the flowchart in the following section.

To return the scanner to online operation, turn off the scanner, turn the scanner back on.

4.1.3 Diagnostic flowcharts

Use the flowcharts that follow to determine the exact problem when either the online or offline diagnostics indicate a group error. Refer to Chapter 4 for parts replacement.

4.1.3.1 Group 1 error flowchart (CCFL assembly)

This flowchart applies when the Error LED shows number 7 and 8.



4.1.3.2 Group 2 error flowchart (paper in ADF paper tray)

This flowchart applies when the Ready LED is off and Error LED shows number 9 with the scanner online, and there is paper in the ADF paper tray.



4.1.3.3 Group 3 error flowchart (no paper in ADF paper tray)

This flowchart applies when the Ready LED is off and Error LED shows number 6 with the scanner online, and there is no paper in the ADF paper tray.



4.2 Troubleshooting

Refer first to the applicable troubleshooting flowchart in the following three sections. The flowcharts refer you to the appropriate table for detailed troubleshooting.

4.2.1 Flowcharts

This section provides the following troubleshooting flowcharts:

- Troubleshooting from power on to scanner ready
- Online troubleshooting (ADF operation)

4.2.1.1 Troubleshooting flowchart: power on to scanner ready.





4.2.1.2 Troubleshooting flowchart: online ADF operation

4.2.2 Tables

The tables in this section provide detailed troubleshooting information.

4.2.2.1 The Power LED does not go on

Cause	Relevant Unit	Check Method	Maintenance Method
Unplugged from outlet	None	Visual check	Insert the AC plug into the outlet.
AC power unplugged at unit	None	Visual check	Insert the AC cable into unit.
Power switch is OFF	None	Visual check	Turn the power switch on.
AC voltage failure	None	AC outlet voltage check	None
Power unit AC input connector disconnected	None	Visual check	Connect the connector.
Power switch connector disconnected	None	Visual check	Connect the connector.
Power unit-main PCBA connection failure	None	Visual check	Connect the connector.
Power unit output voltage failure	Power unit	Output voltage (+24V) check	Replace the power unit
PCBA Failure	Main control PCBA LED board	Tester check (+24V, GND)	Remove the cause or replace the PCBA.
LED board-main PCBA connection failure	None	Visual check	Connect the connector

Table 4.3

4.2.2.2 Reading is not performed

Cause	Relevant	Check	Maintenance
	Unit	Method	Method
ADF cover open	ADF cover	Visual check	Close the ADF cover.

Table 4	•	4
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4.2.2.3 Image does not appear

Cause	Relevant Unit	Check Method	Maintenance Method
ADF cover open	ADF cover	Visual check	Close the ADF cover
Power supply- main control board connection failure	None	Visual check	Connect the connector.
Power supply fails.	Power supply	Tester check (+24V, GND)	Replace the power supply.
Lamp failure	Lamp	Visual check	Replace the lamp.
Inverter failure	Inverter	Visual check	Replace the inverter.
CCD board- main control board connection failure	None	Visual check	Connect the connector.
CCD board fails.	CCD Board	Visual check	Replace the optical unit.

Table 4.5

4.2.2.4 Large jitter

Cause	Relevant Unit	Check Method	Maintenance Method
Power supply- main control board connection failure	None	Visual check	Connect the connector.
Power supply fails	Power supply	Tester check (+24V, GND)	Replace the power supply.
Motor-main control PCBA connection failure	None	Visual check	Connect the connector.
Motor failure	Motor	Visual check	Replace the motor.

Table 4.6

4.2.2.5 Reading position deviation

Cause	Relevant Unit	Check Method	Maintenance Method
Power supply- main control board connection failure	None	Visual check	Connect the connector.
Power supply fails	Power supply	Tester check (+24V, GND)	Replace the power supply.
Motor- main control PCBA connection failure	None	Visual check	Connect the connector.
Motor failure	Motor	Visual check	Replace the motor
IR sensor board- main control PCBA cable failure	None	Visual check	Connect the connector
IR sensor board- main control PCBA cable failure	Sensor board- main control PCBA cable	Tester or visual check	Replace the IR sensor cable
IR sensor board (SB21) failure	Sensor board	Tester check	Replace the PCBA.

Table 4.7

4.2.2.6 Image unclear

Cause	Relevant Unit	Check Method	Maintenance Method	Remar k
Lamp too dark	Lamp	Visual check	Replace with a new lamp.	None
Dirt on calibration reference plate	Calibration reference plate	Visual check	Clean the glass with isopropyl alcohol.	None
Dirt on calibration reference plate	Calibration reference plate	Visual check	Clean the calibration reference plate with isopropyl alcohol.	None
Dirt on the mirrors	Mirrors	Visual check	Clean the mirrors with isopropyl alcohol.	None
Dirt on the lens	Lens	Visual check	Clean the lens with isopropyl alcohol.	None

Table 4.8

4.2.2.7 Frequent paper jam

Cause	Relevant Unit	Check Method	Maintenance Method	Remark
Paper setting failure	Operation error	Is the paper correctly set in the paper chute?	Educate users to properly position the paper.	None
Paper failure	operation error	Is the specified paper used?	None	None
Pad assembly failure	Pad assembly	Check the pad assembly for wear and tear	Replace the pad assembly/ touch spring unit.	None

Table 4.9

4.2.2.8 Frequent double feed and skew

Cause	Relevant Unit	Check Method	Maintenance Method
Paper setting failure	Operation error	Is the paper correctly set in the paper chute?	Teach users to properly position the paper
Paper failure	Operation error	Is the specified paper used	None
Pad assembly failure	Pad assembly	Check the pad assembly for wear and tear.	Replace the pad assembly/ touch spring unit.

Table 4.10

4.2.2.9 Strange sound generated (ADF)

Cause	Relevant Unit	Check Method	Maintenance Method
Paper setting failure	Operation error	Is the paper correctly set in the paper chute?	Teach users to properly position the paper
paper failure	Operation error	Is the specified paper used?	None

Table 4.11	

5. **DISASSEMBLY**

- 5.1 Service Tools
- 5.2 Lubricants
- 5.3 Procedure for Disassembly and Reassembly

5.1 Service Tool

Table 5.1 describes the maintenance tools necessary for the maintenance of this equipment.

No	Name	Description
1	Minus screwdriver	Idler pulley module screw
2	Philips screwdriver (magnetic)	Nominal No.2 M3, M4
3	Oil	Shell "Terrace Oil 46"
4	Grease	Shell "Alvania Grease No.2"
5	Alcohol (Isopropyl 91% >)	Cleaning
6	Digital voltmeter	With 0.01 V range
7	Oscilloscope	100 MHz or more with external sweep

Table 5.1 Maintenance tools

5.2 Cleaning the ADF

From time to time the pad assembly and feeding rollers may become contaminated with ink, toner particles or paper dust. In this case the scanner may not feed documents smoothly. If this occurs please follow the cleaning procedures to return your machine to its original state.

The Cleaning Procedures

- 1) Soak a cotton swab with some isopropyl alcohol. (95%).
- 2) Press the ADF Release button on the upper-left. Open the front door slightly to the left. Wipe the upper feeding roller by moving the swab from side to side. Rotate the roller forward with your finger and repeat the cleaning steps above until the entire roller is cleaned.
- 3) Wipe the ADF pad in one direction from top to bottom or the other way around. Be careful not to damage the pick springs.
- 4) Close the scanner front door. Your scanner is now ready for use.



ADF Release button



ADF Pad

Feeding Roller

5.3 Cleaning the Calibration Area

- 1. Press the Paper Jam Clearing button. Open the front door to the left.
- 2. Wet a cotton swab with some isopropyl alcohol. (95%)
- 3. Wipe the glass and the white area as illustrated in below by moving the swab from side to side to rid the dust or dirt.



5.4 Procedure for disassembly and reassembly

5.4.1 Notes on disassembly

- (1) Clean the disassembly and assembly location.
- (2) Disconnect the power cable and remove the AC plug from the outlet before disassembly and assembly.
- (3) Follow the disassembly and assembly procedures. Never loosen the screws of parts that must not be disassembled.
- (4) Store the disassembled parts in a clean place to avoid loss.
- (5) After replacement, check the contacts and spare part mounting.
- (6) Assemble the parts in reverse order of disassembly procedure.

5.4.2 Removing the Upper Housing

- 1. Hold the Output Paper Tray and push your finger inwardly to remove the Output Paper Tray.
- 2. Hold the Input Paper Tray and lift the Tray to remove it.
- 3. Press the ADF release button to open the cover.
- 4. Remove 2 fixing screws.
- 5. Unscrew the 4 fixing screws on the upper housing.
- 6. Remove the Upper Housing.



Press inwardly to remove the Output Paper Tray



Remove Input Paper Tray



Press the ADF release button



Remove 2 fixing screws



Remove 4 fixing screws



Remove the upper housing

5.4.3 Removing the Upper Optical Assembly

- 1. Press the Paper Jam Release Button to open the cover.
- 2. Loosen 2 fixing screws on the upper case.
- 3. Remove the fixing sponge.
- 4. Loosen 2 fixing screws on the left side.
- 5. Loosen 1 fixing screw on the right side.



Paper Jam Released Button







- 6. Disconnect the inverter cable with red and black colors.
- 7. Disconnect the lamp inverter cable (in white color) to remove the inverter.



Fixing Screw x 1



Inverter Cable



Power cable



5.4.4 Removing the Upper Optical Chassis

- 1. Remove the inverter in the upper optical assembly. (See preceding section 5.3.3)
- 2. Disconnect two cables on the optical chassis.



Cables



Note:

During assembling or disassembling procedure, please pay special attention not to touch the CCD board on the optical chassis. Otherwise, the scanning quality may be affected.

5.4.5 Removing the Lamp in Upper Optical Assembly

- 1. Remove the upper optical chassis. (See preceding section 5.3.4)
- 2. Loosen two fixing screws on the lamp cover.
- 3. Use a flat screwdriver to loosen the lamp assembly.
- 4. Gently remove the lamp assembly.



Fixing Screw x 2



Flat screwdriver



ADF Pad

5.4.6 Removing the ADF Pad

Use your fingers to press two sides of the ADF pad and lift the pad on the upper optical assembly to remove it.



5.4.7 Removing the Main Control Board

- 1. Unscrew 1 fixing screw on the right side.
- 2. Unscrew 2 fixing screws on the left side and close the cover.
- 3. Raise the main unit and disconnect the motor cable and flat cable.
- 4. Unscrew all fixing screw.
- 5. Disconnect all cables.
- 6. Remove 4 fixing screws on the main board.



Remove one fixing screw on the right side



Remove two fixing screws on the left side



Raise the main unit a bit



Disconnect motor cable



Remove 4 fixing screw and disconnect the power cable



The main board

5.4.8 Removing the Motor in Lower Optical Assembly

- 1. Turn the scanner over.
- 2. Remove 2 fixing screws on the external side of the metal plate.
- 3. Remove the motor.



Remove 2 fixing screws



The motor

5.4.9 Removing the Inverter in the Lower Optical Assembly

- 1. Cut the cable bondage.
- 2. Remove the inverter from the plastic fixing plate.
- 3. Disconnect the inverter cable.





The inverter cable

Release the inverter from the plastic plate and disconnect the inverter cable



The inverter

5.4.10 Removing the Lower Optical Chassis

- 1. Remove 2 fixing screws on the left and external side of the metal plate.
- 2. Remove 2 fixing screws on the right and internal side of the metal plate.
- 3. Remove the Optical Chassis.



Remove 2 fixing screws on the left external side



Remove 2 fixing screws on the right internal side



Optical Chassis

5.4.11 Removing the Lamp in the Lower Optical Assembly

- 1. Remove 2 fixing screws on the lamp assembly.
- 2. Remove the lamp.



Remove 2 fixing screws on the lamp assembly



The lamp assembly

6. PARTS

6.1 Spare Part Diagram/Table

6.1 Spare part diagram







Xerox DocuMate 252 Spare Parts List:

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XEROX DocuMate 252 SERVICE PARTS TABLE

VISIONEER P/N	DESCRIPTION
65-0247-000	OPTICAL, LOWER, W/LAMP
65-0295-000	ASS'Y, LOWER OPTICAL: FOR FACE-DOWN
65-0296-000	ASS'Y, LAMP MOUNT, FACE DOWN
65-0248-000	INVERTER
65-0249-000	ROLLER, FEED, PAPER IN
65-0250-000	ASS'Y, MOTOR
65-0251-000	ASS'Y, PAPER PATH LOWER
65-0242-000	OPTICAL, FACE DOWN, W/LAMP, GREEN CCD
65-0297-000	ASS'Y, OPTICAL, FACE DOWN, TRANSTION
65-0298-000	ASS'Y, LAMP, FACE DOWN
65-0248-000	INVERTER, 24VDC
65-0252-000	ASS'Y, PAPER GUIDE, UPPER, W/O LAMP
65-0253-000	PCBA, LB47
65-0299-000	CABLE: 2/2 HOUSING,
65-0300-000	CABLE: 12P
65-0254-000	ROLLER, FEED, PAPER OUT
65-0255-000	BEARING COVER HINGE
65-0256-000	HOUSING, BOTTOM
65-0302-000	PCBA
65-0303-000	POWER S/W 5 pin
65-0304-000	ASS'Y, COVER UNIT
65-0305-000	ASS'Y, UPPER HOUSING
57-0104-000	ASS'Y, ADF INPUT TRAY / DM252
57-0105-000	ASS'Y, PAPER OUTPUT TRAY / DM252
65-0306-000	OPTICAL, UPPER, W/LAMP
65-0307-000	ASS'Y, OPTICAL, UPPER
65-0308-000	ASS'Y, LAMP MOUNT, FACE UP
65-0258-000	INVERTER (CCFL-T)
65-0310-000	OPTICAL, FACE UP, W/LAMP, GREEN CCD
65-0311-000	ASS'Y, OPTICAL, FACE UP, TRANSITION
65-0312-000	ASS'Y, LAMP
ACCESSORIES	
65-0313-000	EPS FOAM, L: 310x278x160
65-0314-000	EPS FOAM, R: 310x2/8x160
65-0259-000	ADAPTOR, WITH EMI CORE
35-0071-000	AC POWER CORD, UL/CSA, PLUG
65-049/-000	AC POWER CORD: EUR
65-0498-000	AC POWER CORD: UK
65-0499-000	
65-0500-000	
65-0501-000	S/W PACKAGE: EUR/UK (EFIGS)
65-0502-000	CARTON: 4/0x290x340, A/F

Xerox DocuMate 262 Spare Parts List:

XEROX DocuMate 262 GREEN SERVICE PARTS TABLE

1

VISIONEER P/N	DESCRIPTION
65-03/2-000	S-PARTS: ASS'Y, PAPER GUIDE, UPPER W/O LAMP, RoHS
65-0322-000	S-PARTS: PCBA: LBA69, ROHS
CE 0200 000	S-PARTS: CABLE: 2/2 HOUSING, 14P+6P, P=2.0mm, L=420mm,
65-0299-000	20 AWG, W H , W TODE, W CORE, R013
65-0324-000	5-PARTS. CADLE. 2 HOUSING, 12P/12P, P=2.0HHH, L=420HHH, 20AWG, 1500 002147 00 聯題 W/THRE RoHS
65-0377-000	S-DADTS: DCRA: SBA45 ID Sensor Board DoHS
65-0326-000	S-PARTS: PCBA: SBA4J, IR Selisor Doard, Rons
65-0328-000	S-PARTS: PCDA: SDAST, ROTS S-DADTS: ASS'V SENSOD:SC- $4131A1/01$ 3D D-2 0mm L-120mm PoHS
05 0520 000	
65-0380-000	329,210,(5PCS),RoHS
65-0255-000	S-PARTS: BEARING COVER HINGE, OD=13, ID=10, POM, WHITE, RoHS
65-0331-000	S-PARTS: Screw & Damper, For Optical module, (1SET=10PCS), RoHS
	S-PARTS: ASS'Y, OPTICAL, FACE UP, W/LAMP(002-3087-0),
65-0332-000	W/INVERTER(005-0021-09), RoHS
65-0384-000	S-PARTS: ASS'Y, OPTICAL, FACE UP, RoHS
65-0312-000	S-PARTS: ASS'Y, LAMP, FACE UP, RoHS
65-0335-000	S-PARTS: INVERTER: 24V, 6mA, 35KHz, XAD355SR-1, TDK, RoHS
	S-PARTS: ASS'Y, OPTICAL, FACE DOWN, W/LAMP(002-3343-0),
65-0336-000	W/INVERTER (005-0022-09), RoHS
65-0337-000	S-PARTS: ASS'Y, OPTICAL, FACE DOWN, RoHS
65-0398-000	S-PARTS: ASS'Y, LAMP, FACE DOWN, RoHS
65-0339-000	S-PARTS: INVERTER:24V,6mA,35KHz,XAD355-
	2,TDK,WIRE:200mm,RoHS
65-0340-000	S-PARTS: ASS'Y, PAPER GUIDE, LOWER, W/O LAMP(002-3343-0), RoHS
65-0341-000	S-PARTS: BELT, 58T, MXL, W=4.8, (10PCS), RoHS
65-0250-000	S-PARTS: ASS'Y, MOTOR, RoHS
65-0343-000	S-PARTS: ASS'Y, RELEASE HOOK, RoHS
65-0395-000	S-PARTS: ASS'Y, ADF ROLLER, RoHS
65-0254-000	S-PARIS: ROLLER, FEED, PAPER OUT, ϕ 14.5, EPDM, 298.5, RoHS
65-0347-000	S-PARTS: BELT, 65T, MXL, W=4.8, (10PCS), RoHS
65-0249-000	S-PARTS: ROLLER, FEED, PAPER IN, ϕ 14.5, EPDM, 316.25, RoHS
65-0349-000	S-PARTS: IDLE ROLLER, Q10.4x16, (8 PCS), ROHS
65-0350-000	S-PARIS: BELI, 681, MXL, W=4.8, (10PCS), ROHS
65-0351-000	S-PARTS: IDLE PULLEY, 11X25, POM+ 國氟龍, (1SET=10PCS), ROHS
65-0352-000	S-PARIS: MOUNI, IDLE SECC, (ISEI=10PCS), ROHS
65-0404-000	S-PARIS: ASS'Y, COVER TOP UNIT, ROHS
	S-PARIS: ASS'Y, ADF INPUT TRAY
000-2020-20	S-PARIS: ASS I, UPPER HUUSING, KOHS
	S-PAKIS: FFC CABLE:18P, P=1.0MM, L=160MM, FF-18-1.0-C-160-
	U(+/+/)/0/0/AA,フロ, 附端等版11円川, KUNO, (3 KUO)
00-0408-000	S-PAKIS: PUDA, MD323 WITH FW (259-U147-1), ROHS

65-0256-000	S-PARTS: HOUSING, BOTTOM, ABS, 2.5t,337x168x100, SILVER, RoHS
	S-PARTS: ASS'Y, POWER S/W: GF037RA-090,驊 陞, 5P, P=2.5mm,
65-0359-000	L=50mm, W/TUBE, RoHS
57-0105-000	S-PARTS: ASS'Y, PAPER OUTPUT TRAY
ACCESSORIES	
	S-PARTS: ADAPTER:DESK-TOP,IEC 320-C6,3P,100~240Vac,4Vdc,
65-0094-000	2A,48W,HEG42-240200-7L(A)LF, HITRON(海昌),CLASS I, ENER, RoHS
65-0413-000	S/W PACKAGE,RoHS
	S-PARTS: USB CABLE: USB A(M)/B(M), 4P, L=1850mm, UL2725
65-0365-000	28AWG, SV-0411016, 昇文, COLOR:透明, W/CORE, RoHS
	S-PARTS: AC POWER CORD, EUR.(CEE), 2P+G. BASE, 16A/250V,
65-0182-000	L=1800mm, 3C*0.75mm2, BLACK,良維, PG8B9CIJG0A-05B, RoHS
	S-PARTS: AC POWER CORD: US, 3P, 10A/125V, L=1800mm,
65-0097-000	3C*18AWG, BLACK,良維, PH8B2EDJF0A-05B, RoHS
	S-PARTS: AC POWER CORD, UK (BS/PSB),3 P, 3A/250V, L=1800mm,
65-0183-000	3C*0.75mm2, BLACK,良 維, PG8B9X3JG0A-05B, RoHS
65-0369-000	FOAM, EPS, L:310x278x160, 發泡倍率:62.5, 白色, RoHS
65-0370-000	FOAM, EPS, R:310x278x160,發泡倍率: 62.5,白色, RoHS
65-0420-000	CARTON: 470x290x340, A/F, RoHS

Xerox DocuMate 272 Spare Parts List:

XEROX DocuMate 272 GREEN SERVICE PARTS TABLE

VISIONEER	
P/N	DESCRIPTION
· · ·	
65-0320-000	S-PARTS: ASS'Y, PAPER GUIDE, UPPER, W/O LAMP (002-3087-0), RoHS
65-0322-000	S-PARTS: PCBA: LBA69, RoHS
CE 0200 000	
65-0299-000	S-PARTS: CABLE: 2/2 HOUSING, 14P+6P, P=2.00000, L=4200000, 28AWG, +
65-0325-000	S-PARTS: CABLE:2 HOUSING, 12P/12P
65-0326-000	S-PARTS: PCBA: SBA51 RoHS
65-0327-000	PARTS: CABLE: 3P/4P, P=2.0mm, L=730mm, 28AWG, T105005020503, TC&C,
65-0328-000	S-PARTS: ASS'Y,SENSOR:SG-413JAV01,勁昇,3P,P=2.0mm,L=120mm,RoHS
65-0380-000	S-PARTS: SHEET, CALIBRATION, UPPER, 230X6.5X0.3T, MELINEX 329, 210
65-0255-000	S-PARTS: BEARING COVER HINGE, OD=13, ID=10, POM, WHITE, RoHS
65-0331-000	S-PARTS: Screw & Damper, For Optical module, (1SET=10PCS), RoHS
65-0332-000	S-PARTS: ASS'Y, OPTICAL, FACE UP,W/LAMP (002-3087-0),W/INVERTER
65-0333-000	S-PARTS: ASS'Y, OPTICAL, FACE UP, RoHS
65-0312-000	S-PARTS: ASS'Y, LAMP, FACE UP, RoHS
65-0335-000	S-PARTS: INVERTER: 24V, 6mA, 35KHz, XAD355SR-1, TDK, RoHS
65-0336-000	S-PARTS: ASS'Y,OPTICAL,FACE DOWN,W/LAMP(002-3343-0)w/INVERTER
65-0337-000	S-PARTS: ASS'Y, OPTICAL, FACE DOWN, RoHS
65-0298-000	S-PARTS: ASS'Y, LAMP, FACE DOWN, RoHS
68-0339-000	S-PARTS: INVERTER: 24V,6mA,35KHz,XAD355-2,TDK,WIRE:200mm,RoHS
65-340-000	S-PARTS: ASS'Y, PAPER GUIDE, LOWER, W/O LAMP (002-3343-0), RoHS
65-0341-000	S-PARTS: BELL, S81, MXL, W=4.8, (IUPCS), ROHS
65-0343-000	S PARTS: ASS Y, MUTUR, RUNS
65-0395-000	S-PARTS: ASS'Y ADE ROLLER ROHS
65-0254-000	S-PARTS: ROLLER FEED PAPER OUT (014 5 EPDM 298 5 RoHS
65-0347-000	S-PARTS: $BFLT_65T_MXL_W=4.8$, (10PCS), $BoHS$
65-0249-000	S-PARTS: ROLLER, FEED, PAPER IN, ϕ 14.5, EPDM, 316.25, RoHS
65-0349-000	S-PARTS: IDLE ROLLER, φ 10.4x16, (8 PCS), RoHS
65-0350-000	S-PARTS: BELT, 68T, MXL, W=4.8, (10PCS), RoHS
65-0351-000	S-PARTS: IDLE PULLEY, 11x25, POM+鐵氟龍, (1SET=10PCS), RoHS
65-0352-000	S-PARTS: MOUNT, IDLE SECC, (1SET=10PCS), RoHS
65-0353-000	S-PARTS: ASS'Y, TOP COVER
57-0104-000	S-PARTS: ASS'Y, ADF INPUT TRAY
65-0305-000	S-PARTS: ASS'Y, UPPER HOUSING, RoHS
65-0356-000	S-PARTS: FFC CABLE: 18P, P=1.0mm, L=160mm, FF-18-1.0-C-160-D (4/4/8/8)AA
65-0357-000	S-PARTS: PCBA, MB325 WITH FW (259-0148-1), RoHS
65-0358-000	S-PARTS: HOUSING, BOTTOM, ABS, 2.5T, 337x168x100, SILVER
65-0359-000	S-PARTS: ASS'Y, POWER S/W: GF037RA-090
57-0105-000	S-PARTS: ASS'Y, PAPER OUTPUT TRAY
65-0361-000	S-PARTS: ASS'Y, INPUT TRAY, REAR, RoHS

65-0362-000	S-PARTS: PCBA, SBA53, BACK-SENSOR, RoHS
ACCESSORIES	
65-0094-000	S-PARTS: ADAPTER: DESK-TOP, IEC 320-C6, 3P 100-240VAC, HITRON
65-0364-000	S/W PACKAGE, RoHS
65-0365-000	S-PARTS: USB CABLE:USB A(M)/B(M),4P,L=1850mm,UL2725 28AWG,SV-
65-0182-000	S-PARTS: AC POWER CORD, EUR.(CEE), 2P+G.
65-0097-000	S-PARTS: AC POWER CORD:US,3P,10A/125V,L=1800mm,3C*18AWG,BLK
65-0183-000	S-PARTS: AC POWER CORD UK
65-0369-000	FOAM, EPS, L:310x278x160,發泡倍率:62.5,白色, RoHS
65-0370-000	FOAM, EPS, R:310x278x160, 發泡倍率: 62.5, 白色, RoHS
65-0371-000	CARTON: 470x290x340, A/F, RoHS