

Xerox DocuMate 752 Service Manual

Version 1.0

Xerox Scanners

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1. INTRODUCTION

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

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 DocuMate 752 before serving the unit.

1.1 GENERAL NOTES FOR SERVICING

- (1) Before trying to disassemble the DocuMate 752, make sure the power supply cord of the DocuMate 752 is disconnected from the power outlet. Under any circumstance, do not remove or install the connectors on the DocuMate 752 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.

Optical Resolution	600 x 600 dpi
CCD	Toshiba TCD2704D
Color separation	4 lines color CCD (R, G, B and Gray)
Lamp life	50000 hours
Power supply	External AC adapter
Input voltage	AC 100~ 240V
Input frequency	50/60Hz±3Hz
Output	24V DC, 2A
Power consumption	<38.4 Watts (24V/1.6A) Running Stand-By around 20.4 W (24V/0.85A), Motor off, Lamp on
Interface	USB2.0
Scanning area	F/B Maximum: 11.69” x 17” ADF Minimum: 4” x 6.5” ADF Maximum: 11.8” x 17” (A3)
ADF paper thickness	60g/m2 ~ 105 g/m2 (16 ~ 28 lbs) 0.080 mm~0.110 mm
ADF paper capacity	up to 100 sheets (70~75 g/m2)
Weight	Total scanner around 19.2 Kg
ADF	around 8.12 Kg
F/B	around 11.08 Kg
MTBF	5,000 hours
Life	F/B: 200K scans or 5 years, whichever comes first ADF: 800K scans or 5 years, whichever comes first

3. UNPACKING, INSTALLATION, AND TRANSPORTATION

- | |
|---|
| <ul style="list-style-type: none">3.1 Precautions of Installation3.2 Unpacking Procedure3.3 Installation3.4 Placing the Original3.5 Transportation |
|---|

3.1 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 DocuMate 752 out of direct sunlight. Do not install near a heat source.
- Do not place the DocuMate 752 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 DocuMate 752 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 DocuMate 752 on a level surface.

3.2 UNPACKING PROCEDURE

Unpack the DocuMate 752 according to the following procedure.

- Remove the packing material.
- Remove the DocuMate 752 from the shipping container.
- Remove the DocuMate 752 from the PVC bag.
- Check the items by referring to the following picture.
- 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 DocuMate 752.



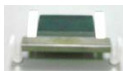
DocuMate 752 Scanner



Power cable/Power adapter



USB cable



Pad

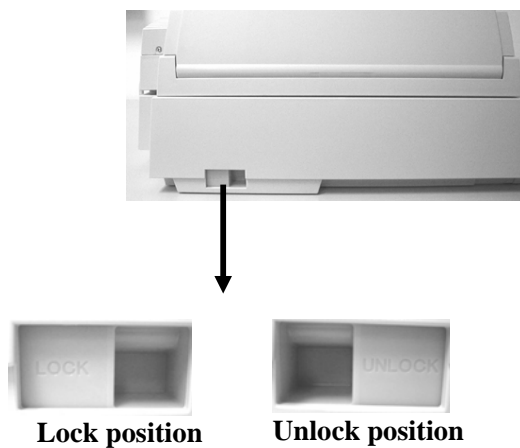


Quick Guide/CD

3.3 INSTALLATION

(1) Unlocking the DocuMate 752

Before you use DocuMate 752, be sure to unlock it by moving the lock switch under the DocuMate 752 to the “Unlock” position (See the following figure). The lock switch is designed to protect the scanning head in case of any damage during shipment.



Unlock the DocuMate 752

Note: If you need to transport the DocuMate 752, be sure to first move the lock switch to the “Lock” position to prevent any damage during transportation._

(2). Connecting the Cables

Be sure the scanner power is switched off.

Connect the power cable ,ADF cable, and USB cable as shown below.



Power
cable

USB
cable

ADF
cable

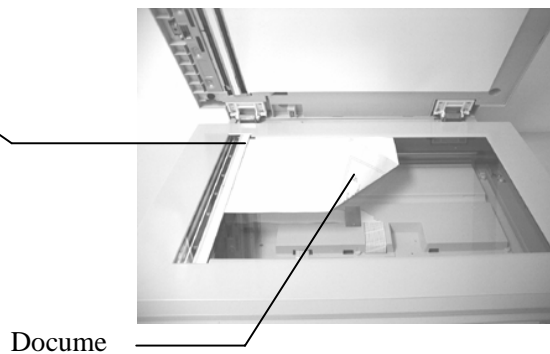
Turning on the Power

The power is controlled by a toggle switch on the side of the scanner. To turn on the scanner, press the switch toward "1".

3.4 PLACING THE ORIGINAL

- (1) Place your original face down on the document glass.
- (2) Observe that the upper-left corner (front page) of your original is placed beneath the home position mark.

Reference Mark



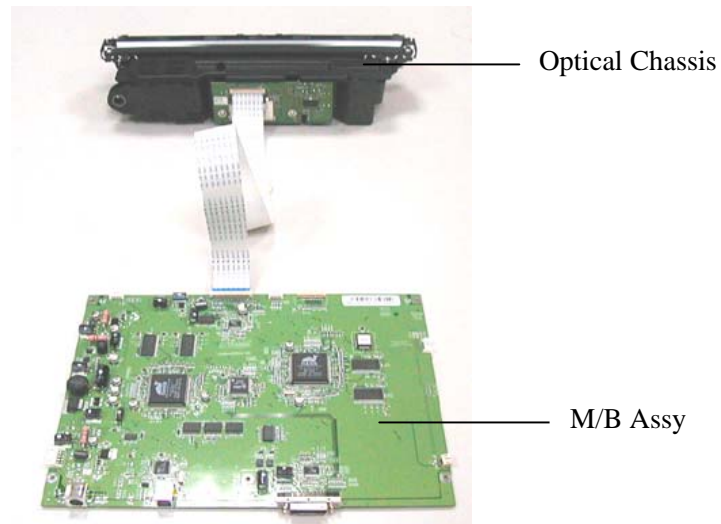
Placing the original

3.5 TRANSPORTATION

To move the DocuMate 752 from where it is installed, for repair or any other reason, make sure to observe the following conditions:

- (1) Turn off the power of the DocuMate 752.
If the scanning head is located at a place other than the home position, turn the DocuMate 752 on to return the scanning head to the home position. Before making sure the scanning head is returned to the home position, turn the power supply off.
- (2) Move the lock switch to the "lock" position.
- (3) Remove the power and printer cables.
- (4) Put the DocuMate 752 in the packing case with the packing material.

4. WIRING COMPONENTS EXTERNAL VIEW



5. PROBLEM SOLVING

5.1 Diagnostics 5.2 Troubleshooting

This chapter supplies two paths for dealing with operational problems. The first relies on the DocuMate 752'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 3.2 **Troubleshooting**.

5.1 DIAGNOSTICS

The DocuMate 752 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.

5.1.1 ONLINE DIAGNOSTICS

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

Ready LED	Paper Jam LED	Error indication
Off	On	Group 3 error
Off	Blinking	Error message
Blinking	Off	Power on diagnostics
On	On	Run offline diagnostics

Table 3.1 Online diagnostics

If the ADF cover is open, close it. For the group errors, see the flowcharts later in this section. When both lights are blinking, run the offline diagnostics as explained in the next section.

5.1.2 OFFLINE DIAGNOSTICS

To run the offline diagnostics, turn the scanner off, 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 LEDs closely. In a short time, the LEDs indicate the results of the offline diagnostics as explained in the table below.

Ready LED	Paper Jam LED	Error indication
The two LEDs blink alternately.		RAM error
1 blink	1 blink	Flatbed SDRAM error
2 blinks	2 blinks	ADF SDRAM error
4 blinks	4 blinks	Group 1 error (Flatbed dark error)
6 blinks	6 blinks	Group 2 error(Flatbed Home Sensor)
5 blinks	5 blinks	Group 1 error (ADF dark error)
8 blinks	8 blinks	Group 1 error (Flatbed /ADF inverter check error)
Ready LED off	Paper Jam LED blinks One time.	Group 3 error (ADF Paper In sensor error)
9 blinks	9 blinks	Paper jam error
10 blinks	10 blinks	Cover open error
11 blinks	11 blinks	ADF home sensor error
12 blinks	12 blinks	Lock error
13 blinks	13 blinks	Flatbed cover open error

Offline diagnostics results

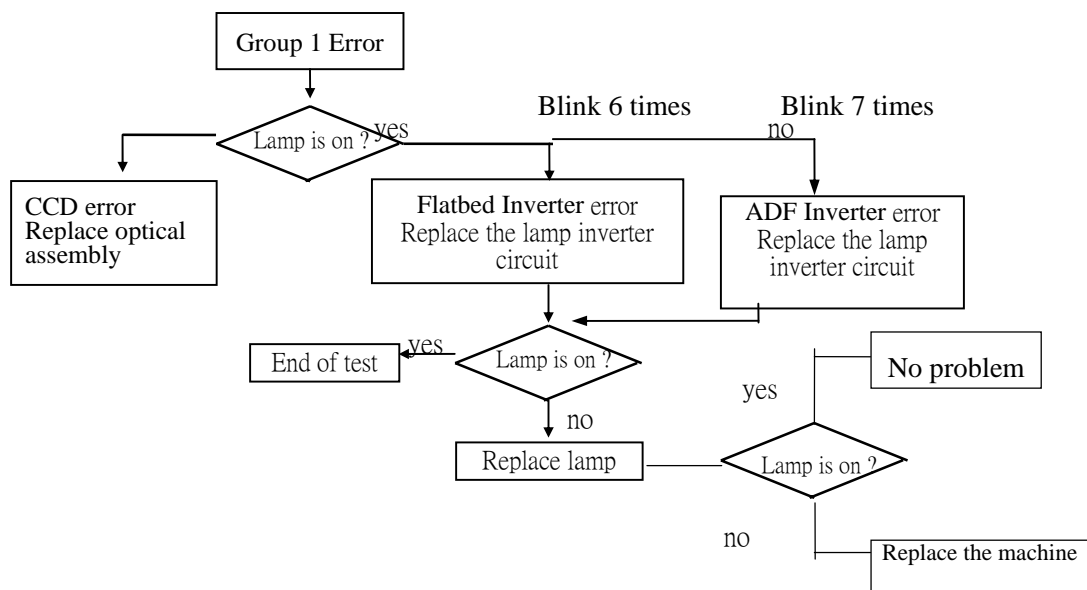
For SRAM or DRAM errors, refer to Main Control PCBA Replacement in Chapter 4. For the Group 2 error, see the flowchart in the following section.

5.1.3 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.

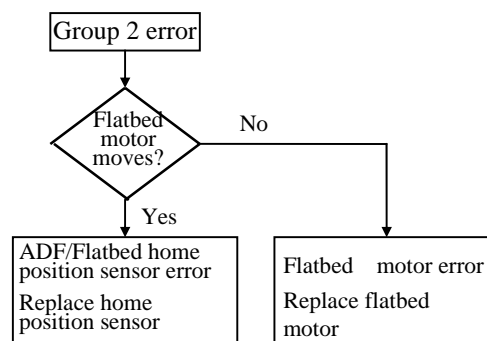
5.1.3.1 Group 1 error flowchart (Lamp assembly)

This flowchart applies when the Ready and the Error LED each blinks 6,7 times the same while, with the scanner offline.



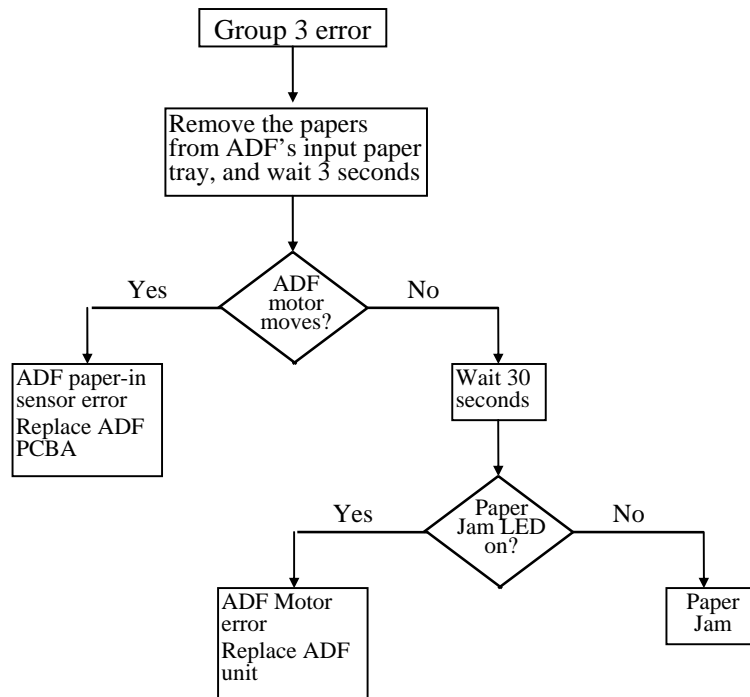
5.1.3.2 Group 2 error flowchart (Flatbed/ADF motor)

This flowchart applies when the offline diagnostics error indication is the simultaneous blinking 5 times of the Ready and Paper Jam LED.



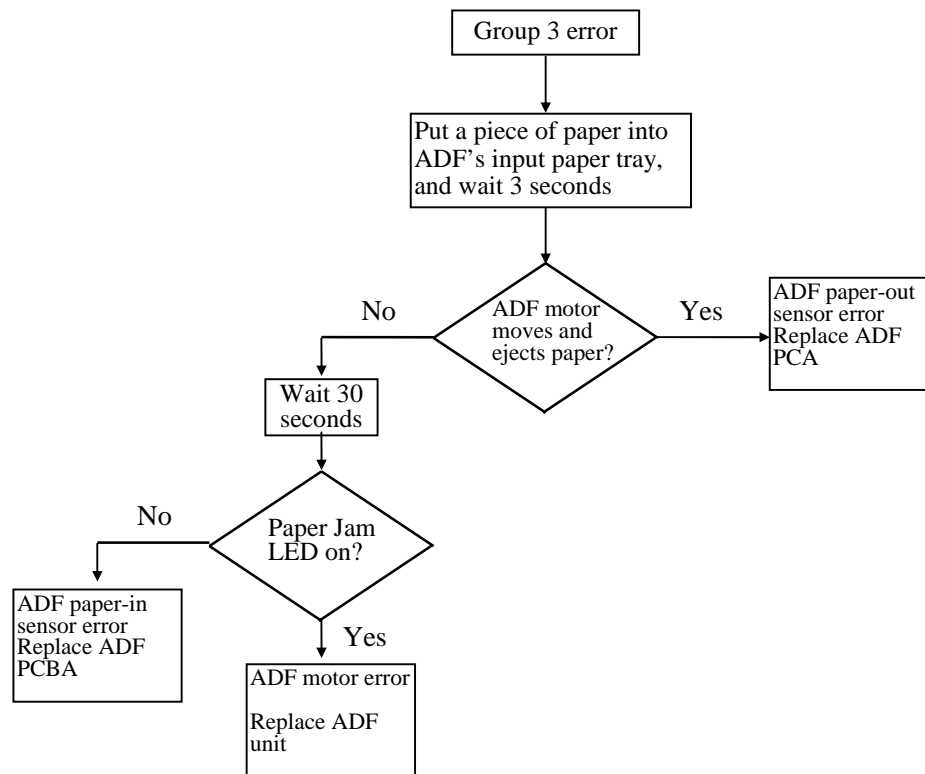
5.1.3.3 Group 3 error flowchart (paper in ADF paper tray)

This flowchart applies when the Ready LED is off and Paper Jam LED steadily on with the scanner online, and there is paper in the ADF paper tray.



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

This flowchart applies when the Ready LED is off and Paper Jam LED steadily on with the scanner online, and there is no paper in the ADF paper tray.



5.2 TROUBLESHOOTING

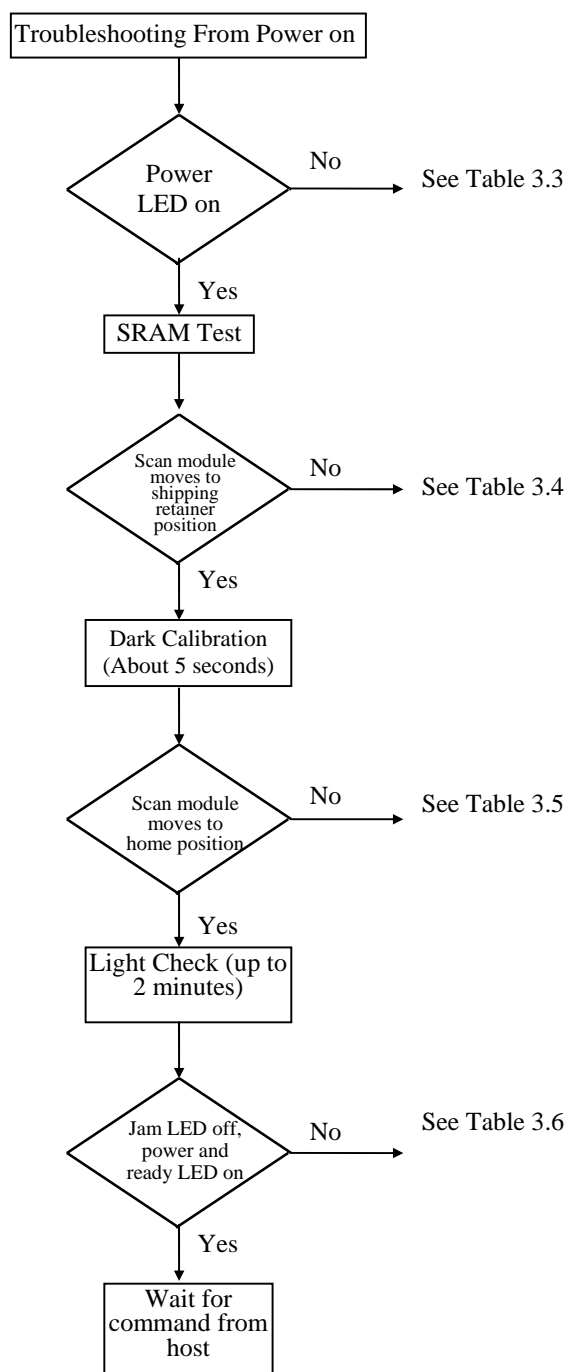
Refer first to the applicable troubleshooting flowchart in the following three sections. The flowcharts refer you to the appropriate table for detailed troubleshooting,.

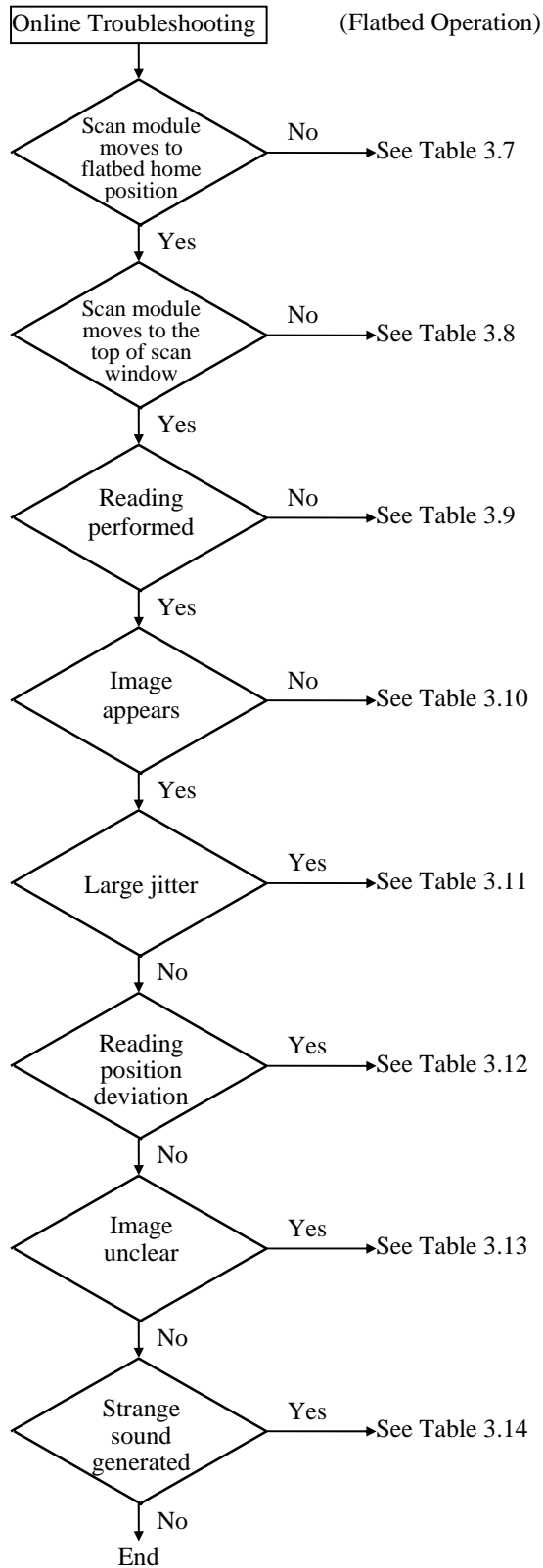
5.2.1 FLOWCHARTS

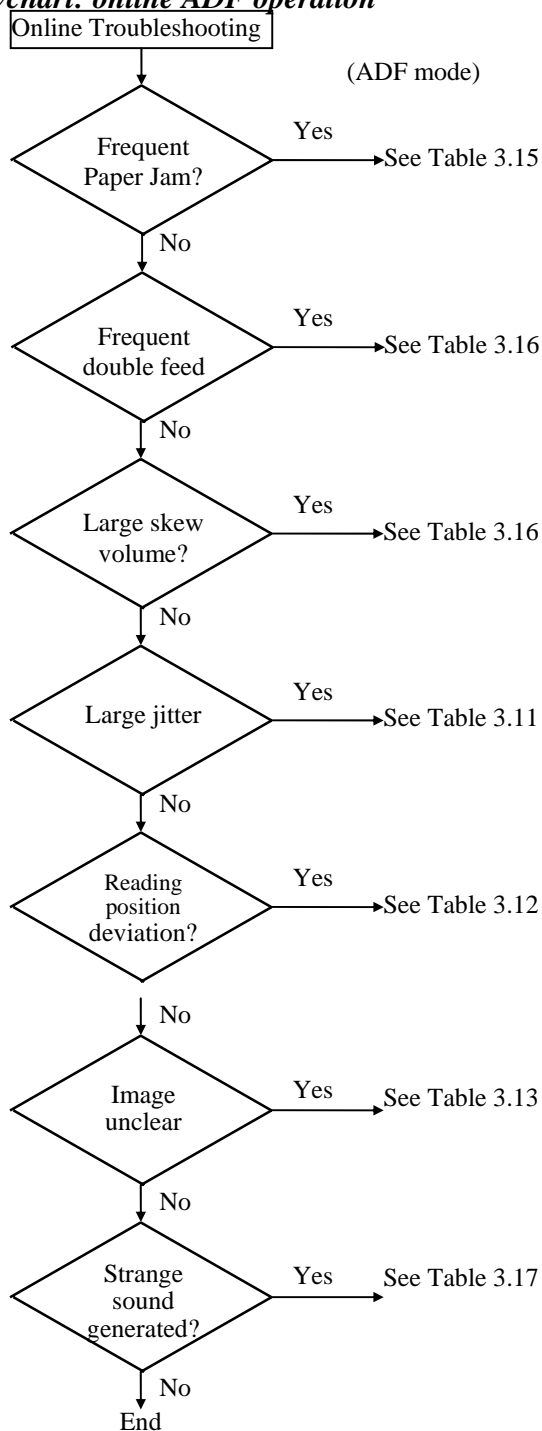
This section provides the following three troubleshooting flowcharts:

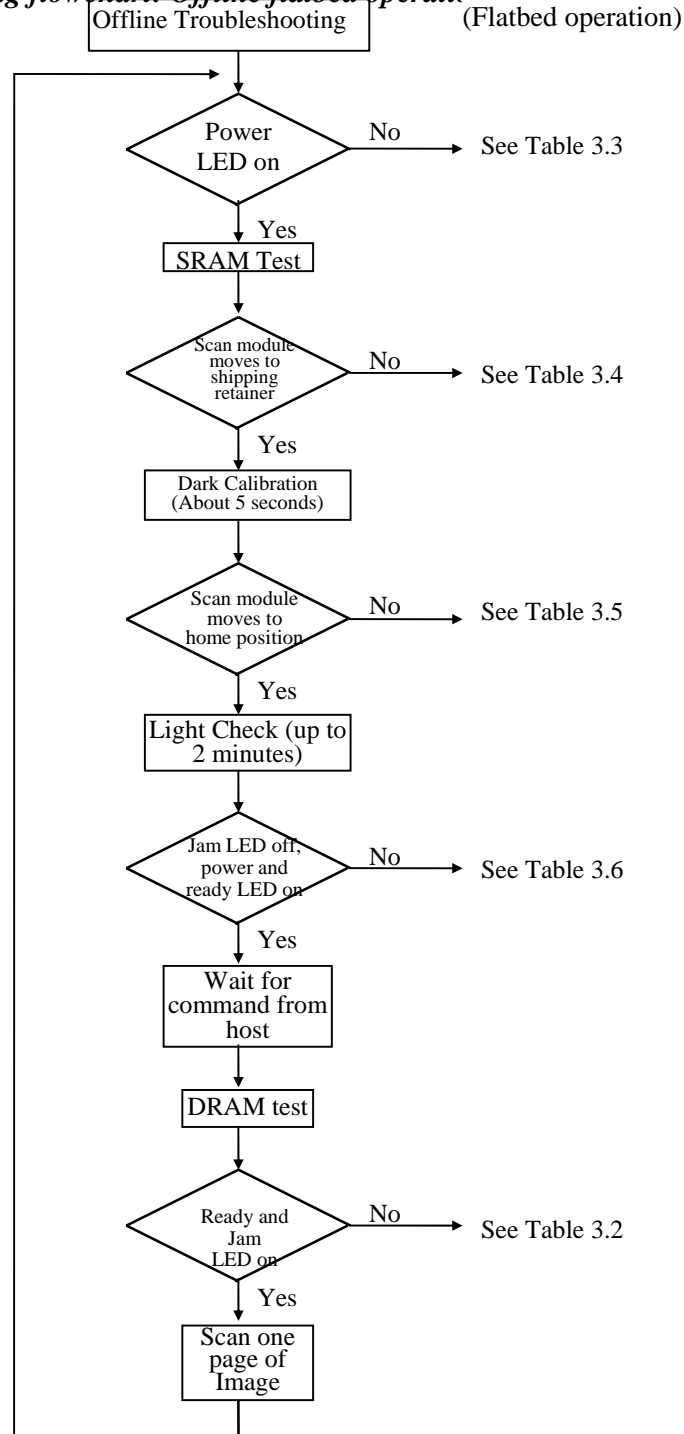
- Troubleshooting from power on to scanner ready
- Online troubleshooting (flatbed operation)
- Online troubleshooting (ADF/Duplex operation)
- Offline troubleshooting (flatbed operation)

5.2.1.1 Troubleshooting flowchart: power on to scanner ready.



5.2.1.2 Troubleshooting flowchart: online flatbed operation

5.2.1.3 Troubleshooting flowchart: online ADF operation

5.2.1.4 Troubleshooting flowchart: Offline flatbed operation

3.2.2 Tables

The tables in this section provide detailed troubleshooting information.

5.2.1.5 The Power LED does not go on

Cause	Relevant Unit	Check Method a	Maintenance Method	Remark
Unplugged from outlet	None	Visual check	Insert the AC plug into the outlet.	None
AC power unplugged at unit	None	Visual check	Insert the AC cable into unit.	None
Power switch is OFF	None	Visual check	Turn the power switch on.	None
AC fuse blown	AC fuse in power supply	Take out the fuse from the power supply and check to see if it is blown.	Replace the fuse.	None
AC voltage failure	None	AC outlet voltage check	None	None
Power unit AC input connector disconnected	None	Visual check	Connect the connector.	None
Power switch connector disconnected	None	Visual check	Connect the connector.	None
Power unit-main PCBA connection failure	None	Visual check	Connect the connector.	None
Power unit output voltage failure	Power unit	Output voltage (+5V) check b	Replace the power unit	None
PCBA Failure	*main control PCBA *LED board	Tester check (+5V, GND) b	Remove the cause or replace the PCBA.	None
LED board-main PCBA connection failure	None	Visual check	Connect the connector	None

Table 3.3

Check method explains how to check the failed item.
The visual check can be made by physically observing the part or observing the offline test display on the front panel. The tester check is made by checking the voltage levels of the relevant units.

5.2.1.6 Scan module does not move to shipping retainer position

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

Table 3.4

5.2.1.7 Scan module does not move to the home position

Cause	Relevant Unit	Check Method	Maintenance Method	Remark
Home position sensor board-main control PCBA connection failure	None	Visual check v	Connect the connector.	None
Home position sensor board-main control PCBA cable failure	Sensor board-main control PCBA cable	Tester or visual check v	Replace the home position sensor cable.	ə
Home position sensor board failure	Sensor board	Tester check v	Replace the PCBA.	None
Power supply-main control board connection failure	None	Visual check	Connect the connector.	None
Power supply fails	Power supply	Tester check (+15V, -15V, +24V, GND) v	Replace the power supply.	None
Lamp failure	Lamp	Visual check	Replace the lamp.	None
Inverter failure	Inverter	Visual check	Replace the inverter.	None
CCD board-main control board connection failure	None	Visual check	Connect the connector	None
CCD board fails	CCD board	Tester check	Replace the optical unit	None

Table 3.5

5.2.1.8 Ready and Power LED does not light on

Cause	Relevant Unit	Check Method	Maintenance Method	Remark
Home position sensor board-main control PCBA connection failure	None	Visual check	Connect the connector.	None
Home position sensor board-main control PCBA cable failure	Sensor board-main control PCBA cable	Tester or visual check v	Replace the home position sensor cable.	ə
Home position sensor board failure	Sensor board	Tester check v	Replace the PCBA.	None
Power supply-main control board connection failure	None	Visual check	Connect the connector.	None
Power supply fails	Power supply	Tester check (+15V, -15V, +24V, GND) v	Replace the power supply.	None

Table 3.6

5.2.1.9 Scan module does not move to the flatbed position

Cause	Relevant Unit	Check Method	Maintenance Method	Remark
USB cable connection failure	None	Visual check	Connect the USB cable.	None
Power supply-main control board connection failure	None	Visual check	Replace the power supply.	None
Power supply fails	Power supply	Tester check (+15V, +24V -15V, GND) v	Replace the power supply.	None
Motor-main control PCBA connection failure	None	Visual check	Connect the connector.	None
Motor failure	Motor	Visual check v	Replace the motor module.	None

Table 3.7

5.2.1.10 Scan module does not move to the top of the scan window

Cause	Relevant Unit	Check Method	Maintenance Method	Remark
Power supply-main control board connection failure	None	Visual check	Connect the connector.	None
Power supply fails	Power supply	Tester check (+15V, +24V -15V, GND) v	Replace the power supply.	None
Lamp Failure	Lamp	Visual check	Replace the lamp.	None
Inverter Failure	Inverter	Visual check	Replace the inverter	None
CCD board-main control board connection failure	None	Visual check	Connect the connector.	None
CCD board fails	CCD Board	Visual check	Replace the optical unit.	None

Table 3.8

5.2.1.11 Reading is not performed

Cause	Relevant Unit	Check Method	Maintenance Method	Remark
ADF cover open	ADF cover	Visual check	Close the ADF cover.	None

Table 3.9**5.2.1.12 Image does not appear**

Cause	Relevant Unit	Check Method	Maintenance Method	Remark
ADF cover open	ADF cover	Visual check	Close the ADF cover	None
Power supply-main control board connection failure	None	Visual check	Connect the connector.	None
Power supply fails.	Power supply	Tester check (+15V, -15V, +24V, GND) v	Replace the power supply.	None
Lamp failure	Lamp	Visual check	Replace the lamp.	None
Inverter failure	Inverter	Visual check	Replace the inverter.	None
CCD board-main control board connection failure	None	Visual check	Connect the connector.	None
CCD board fails.	CCD Board	Visual check	Replace the optical unit.	None

Table 3.10

5.2.1.13 Large jitter

Cause	Relevant Unit	Check Method	Maintenance Method	Remark
Power supply-main control board connection failure	None	Visual check	Connect the connector.	None
Power supply fails	Power supply	Tester check (+15V, -15V, GND) v	Replace the power supply.	None
Motor-main control PCBA connection failure	None	Visual check	Connect the connector.	None
Motor failure	Motor	Visual check	Replace the motor.	None

Table 3.11

5.2.1.14 Reading position deviation

Cause	Relevant Unit	Check Method	Maintenance Method	Remark
Power supply-main control board connection failure	None	Visual check	Connect the connector.	None
Power supply fails	Power supply	Tester check (+15V, -15V, GND) v	Replace the power supply.	None
Motor- main control PCBA connection failure	None	Visual check	Connect the connector.	None
Motor failure	Motor	Visual check	Replace the motor	None
Home position sensor board- main control PCBA cable failure	None	Visual check	Connect the connector	None
Home position sensor board- main control PCBA cable failure	Sensor board- main control PCBA cable	Tester or visual check	Replace the home position sensor cable	None
Home position sensor board failure	Sensor board	Tester check	Replace the PCBA.	None

Table 3.12

5.2.1.15 Image unclear

Cause	Relevant Unit	Check Method	Maintenance Method	Remark
Lamp too dark	Lamp	Visual check	Replace with a new lamp.	None
Dirt on calibration reference plate	Calibration reference plate	Visual check	Clean the flatbed 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 3.13

5.2.1.16 Strange sound generated (flatbed)

Cause	Relevant Unit	Check Method	Maintenance Method	Remark
Motor unit failure	Motor unit	Replace the motor unit.	Replace the motor unit.	None
Main control PCBA failure	Main control PCBA	Replace the main control PCBA.	Replace the main control PCBA.	None
Scanning module failure	Scanning module	Check if scanning module is loose.	Replace the optical unit.	None
Dirt on rail	None	Visual check	Clean the rail with isopropyl alcohol	None

Table 3.14**5.2.1.17 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?	Teach users to properly position the paper.	None
Paper failure	operation error	Is the specified paper used?	None	None
ADF connector slip-off	ADF unit	Visual check of motor rotation	Connect the connector.	None
Pad assembly failure	Pad assembly	Check the pad assembly for wear and tear	Replace the pad assembly/ touch spring unit.	None
ADF unit failure	ADF unit	Replace the ADF unit.	Replace the ADF unit.	None

Table 3.15

5.2.1.18 Frequent double feed and skew

Cause	Relevant Unit	Check Method	Maintenance Method	Remark
Paper setting failure	Operation error	Is the paper correctly set in the paper chute?	Teach users to properly position the paper	None
Paper failure	Operation error	Is the specified paper used	None	None
ADF connector slip-off	ADF unit	Visual check of motor rotation	Connect the connector.	None
Pad assembly failure	Pad assembly	Check the pad assembly for wear and tear.	Replace the pad assembly/ touch spring unit.	None
ADF unit failure	ADF unit	Replace the ADF unit.	Replace the ADF unit.	None

Table 3.16

5.2.1.19 Strange sound generated (ADF)

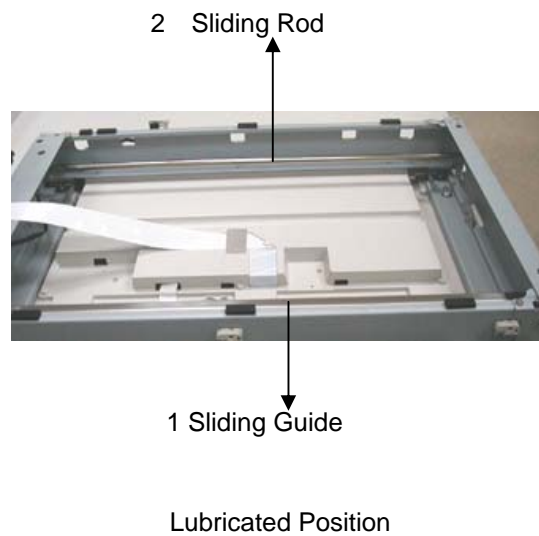
Cause	Relevant Unit	Check Method	Maintenance Method	Remark
Paper setting failure	Operation error	Is the paper correctly set in the paper chute?	Teach users to properly position the paper	None
paper failure	Operation error	Is the specified paper used?	None	None
ADF connector slip-off	ADF unit	Visual check of motor rotation	Connect the connector.	None
ADF unit failure	ADF unit	Replace the ADF unit	Replace the ADF unit.	None

Table 3.17

1. Positions need to be lubricated:
The positions need to be lubricated is indicated in numbers.
2. Lubricant type:
A: Shell Alvania Grease No. 2
B: Shell Terrace Oil 46
3. Amount of lubricant:
C: Coat thinly uniformly
4. Lubrication cycle:
Y: Every year

Table 8.2 below shows the position to be lubricated.

Lubrication Position	Lubricant Type	Lubricant Amount	Lubrication Cycle	Lubrication Position
1	B	C	Y	Sliding rod
2	A	C	Y	Sliding frame



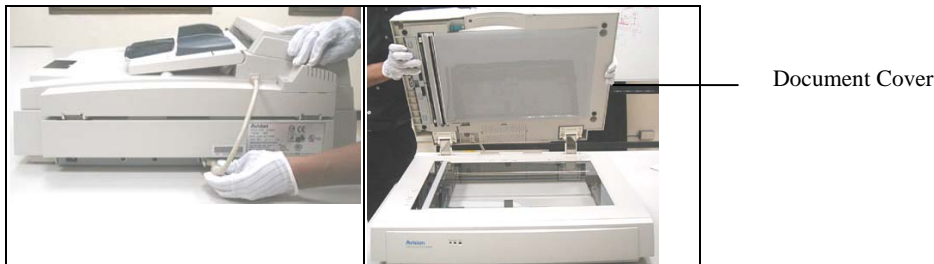
6.3 PROCEDURE FOR DISASSEMBLY AND REASSEMBLY

6.3.1 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.

6.3.2 DOCUMENT COVER

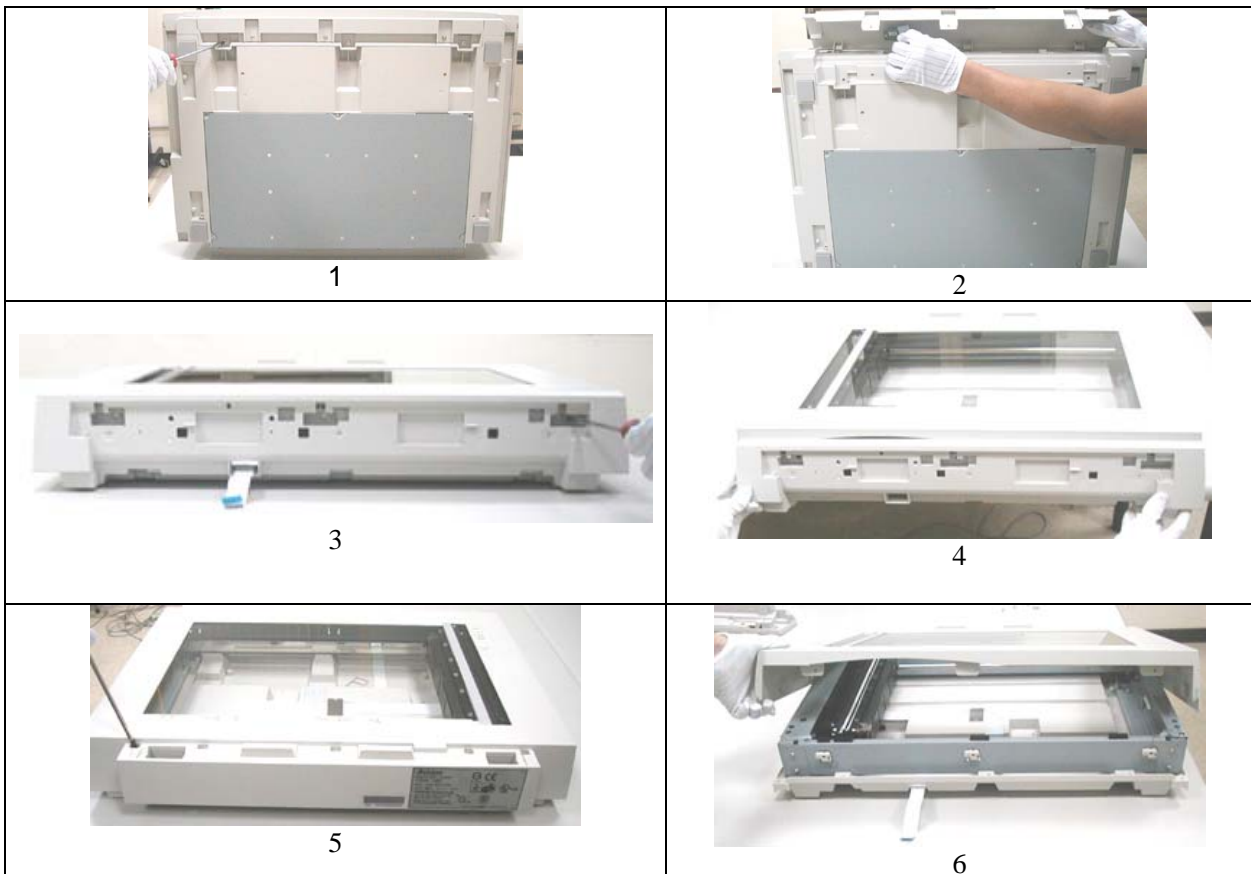
- (1) As shown in the figure below, unplug the ADF cable, and then lift the document cover to remove the studs from the hinge holes. The studs are loosely attached to the hinge holes in the purpose to cover your original when it is a few inches high.



Document cover removal

6.3.3 UPPER HOUSING

- (1) Remove the document cover as described in the previous section.
- (2) As shown in the figure below, loosen the fixing screws with a screwdriver.
- (3) As shown in the figure below, unplug the cable.
- (4) Remove the upper housing by lifting it gently.



Upper housing removal

6.3.4 MAIN CONTROL BOARD ASSEMBLY

- (1) Loosen the fixing screws of the metal cover from the bottom housing as shown in the figure below.
- (2) Lift the metal cover and disconnect the cable.
- (3) Loosen the screws fixed on the front panel, and remove the front panel.
- (4) Loosen the screws fixed on the main board.



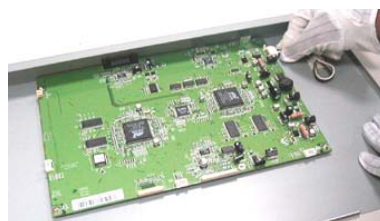
1



2



3



4



5



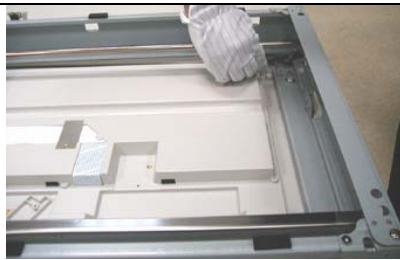
6

Main control PCBA removal

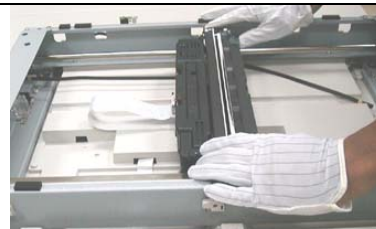
6.3.5 OPTICAL CHASSIS

DISASSEMBLING PROCEDURE

- (1) Lift the sliding rod and pull it out.
- (2) Disconnect the flat cable fixed on the optical chassis.
- (3) Loosen the screws fixed on the optical chassis.
- (4) Remove the optical chassis.



1



2



3



4



5



6

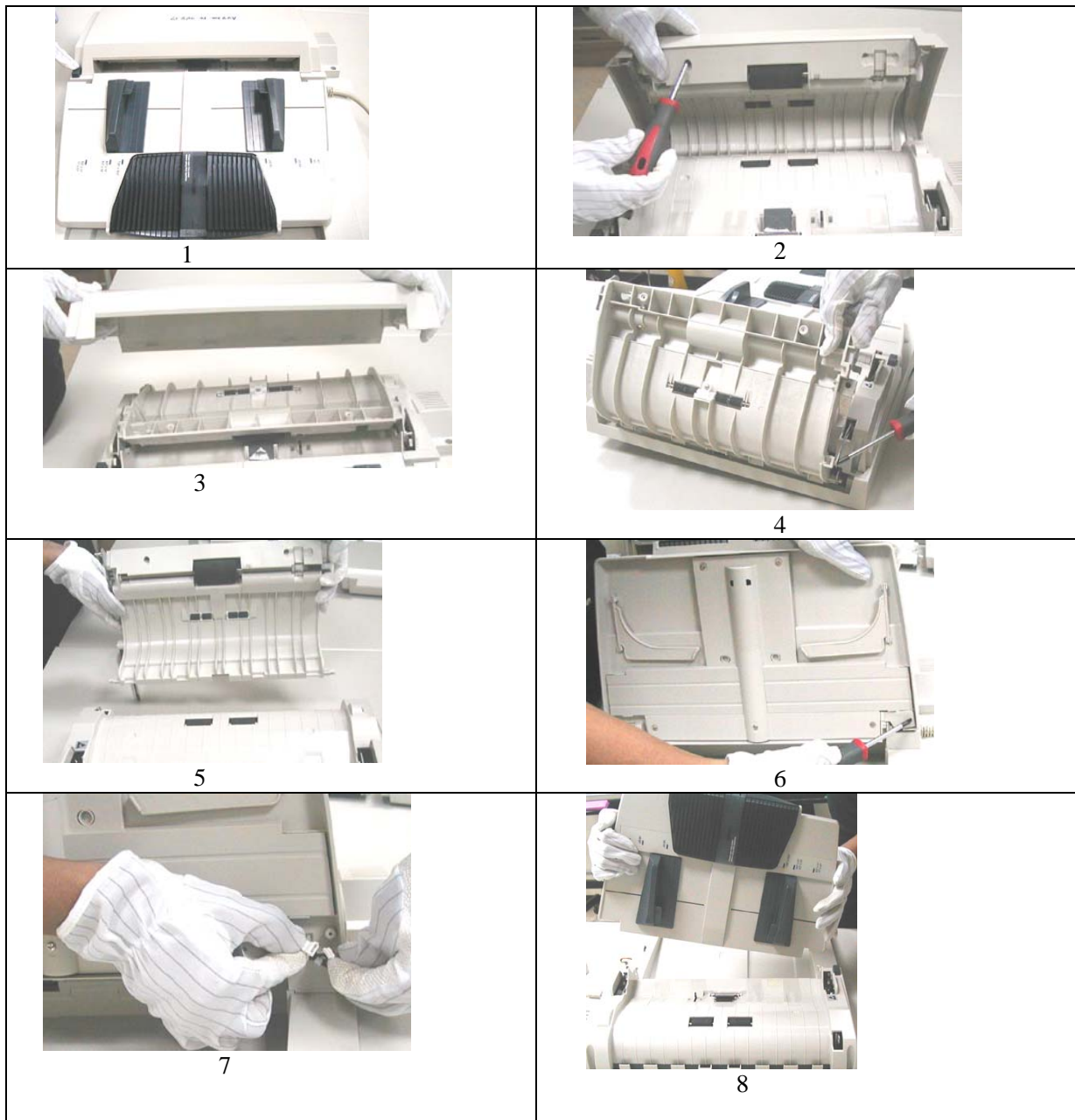


7

Optical chassis removal

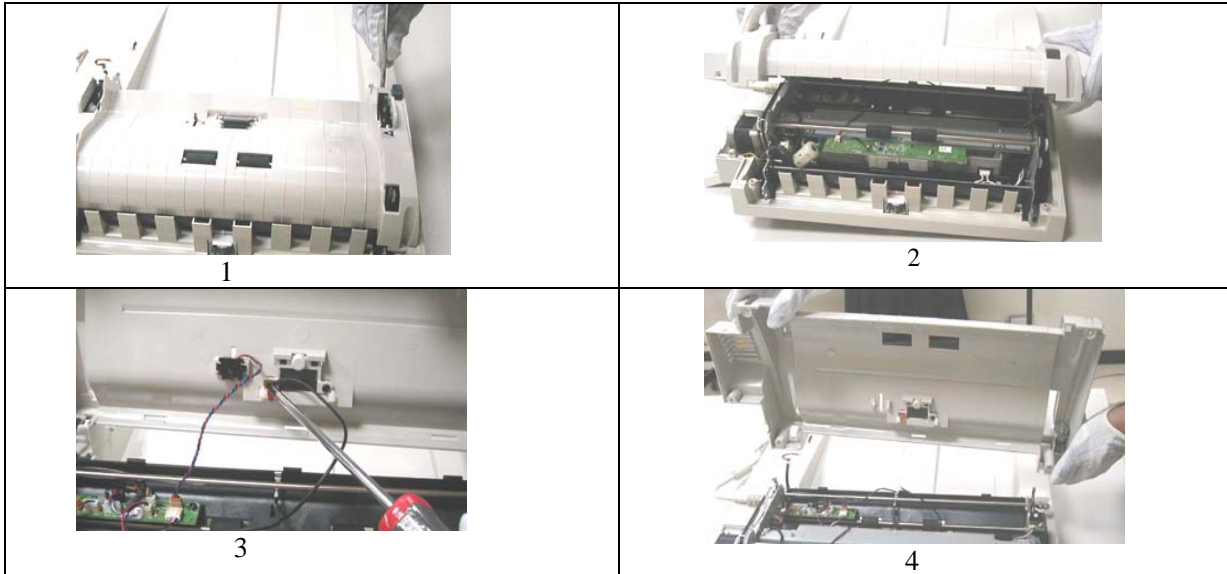
6.3.6 ADF PAPER TRAY REMOVAL

1. Release the ADF paper tray by pressing the ADF button.
2. Loosen the screws on the cover.
3. Lift the ADF front cover.
4. Loosen the screws on the inner cover.
5. Remove the inner cover.
6. Loosen the screws and disconnect the cable on the the ADF paper tray.
7. Remove the the ADF paper tray.



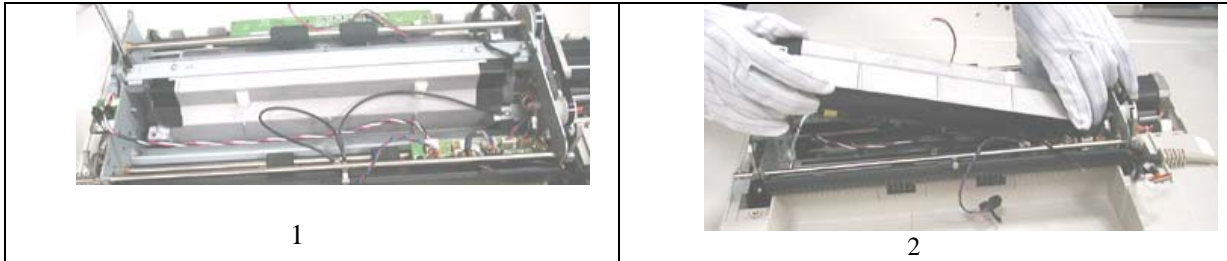
6.3.7 LOWER COVER REMOVAL

1. Loosen the screws as indicated.
2. Lift the the lower cover.
3. Loosen the screws as indicated.
4. Remove the lower cover.



6.3.8 ADF CCD REMOVAL

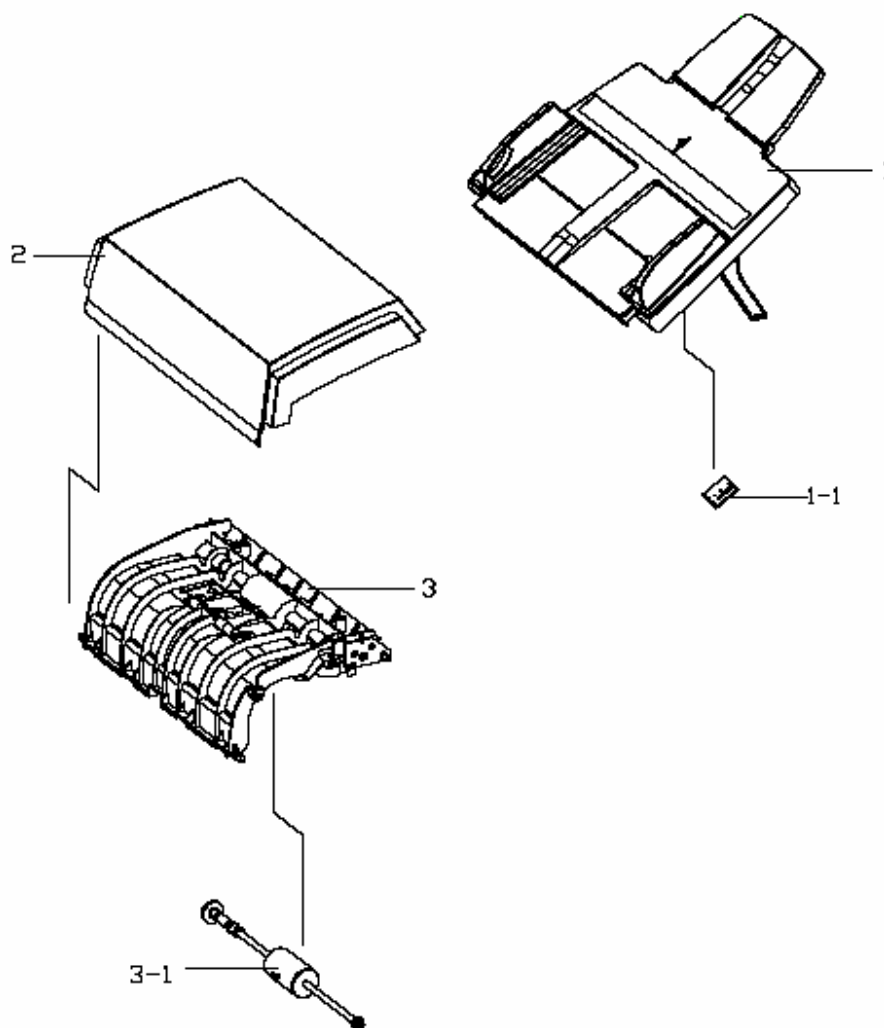
1. Loosen the screws as indicated.
2. Remove the ADF CCD.

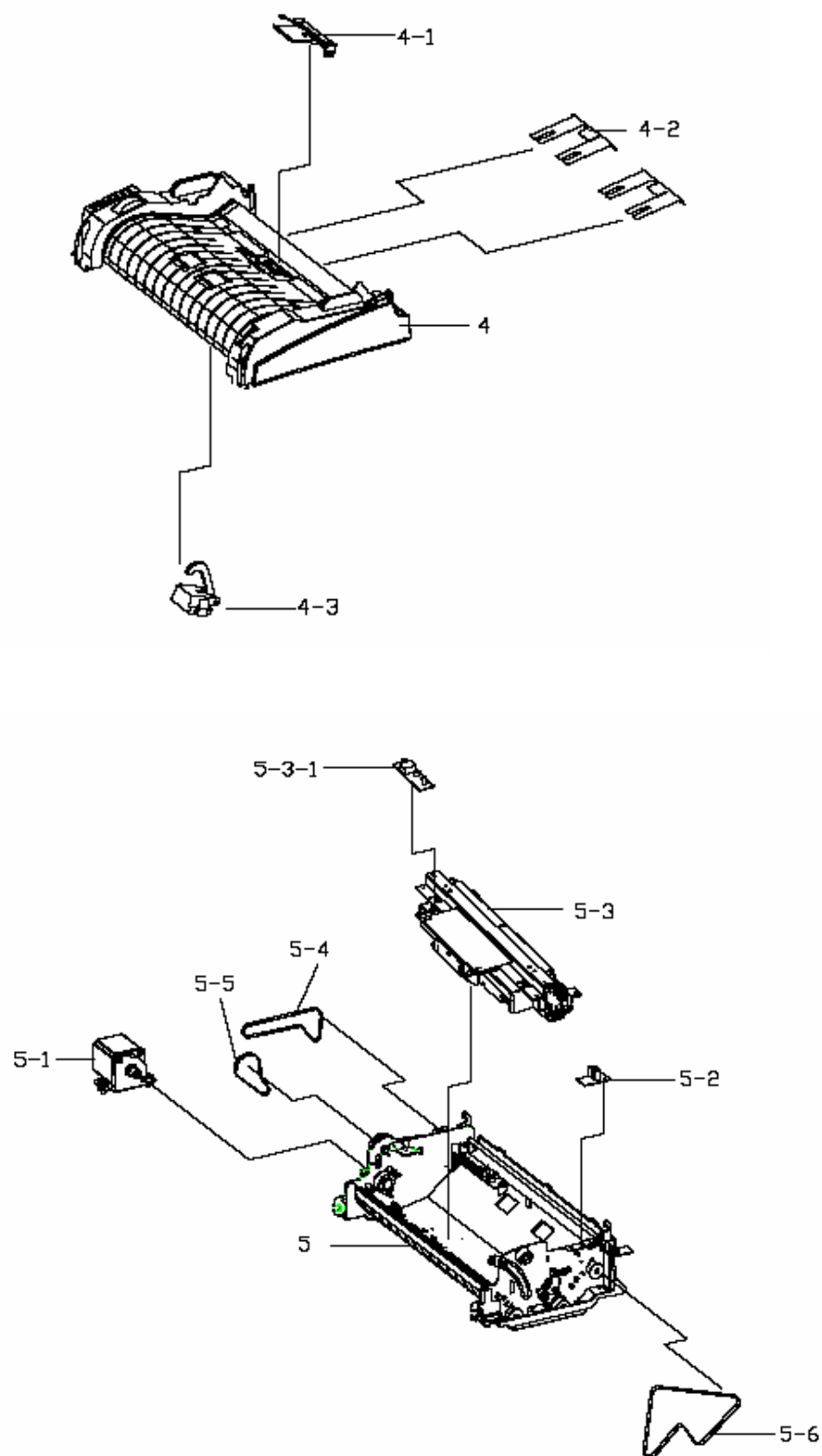


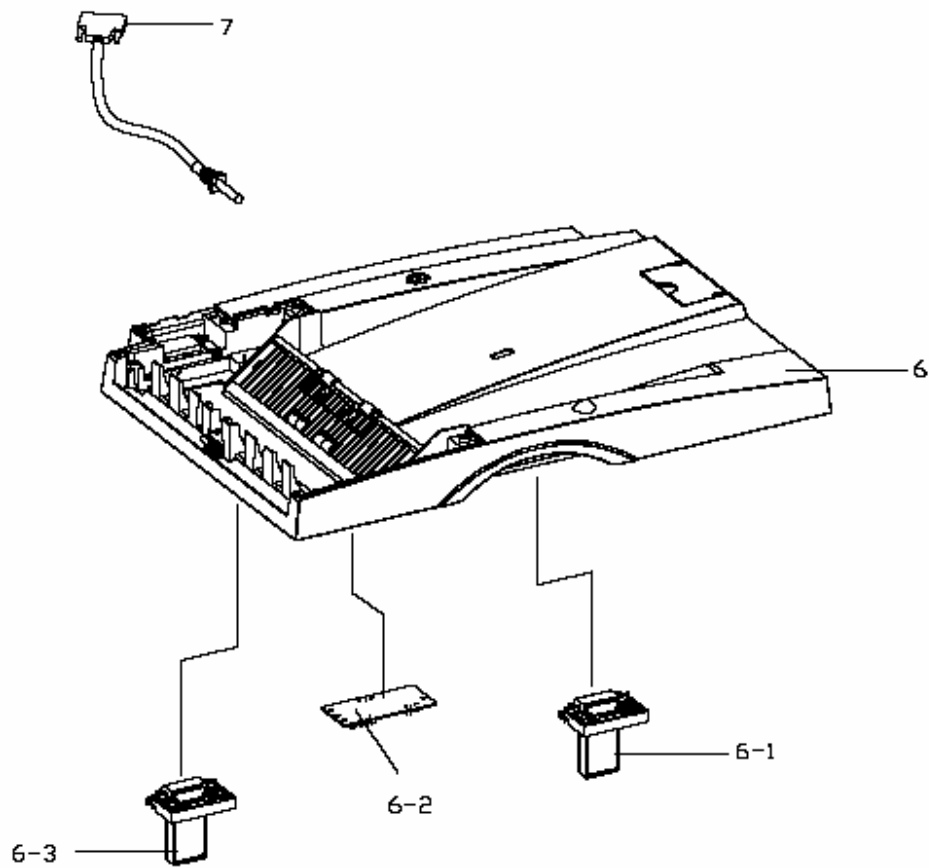
7. PARTS

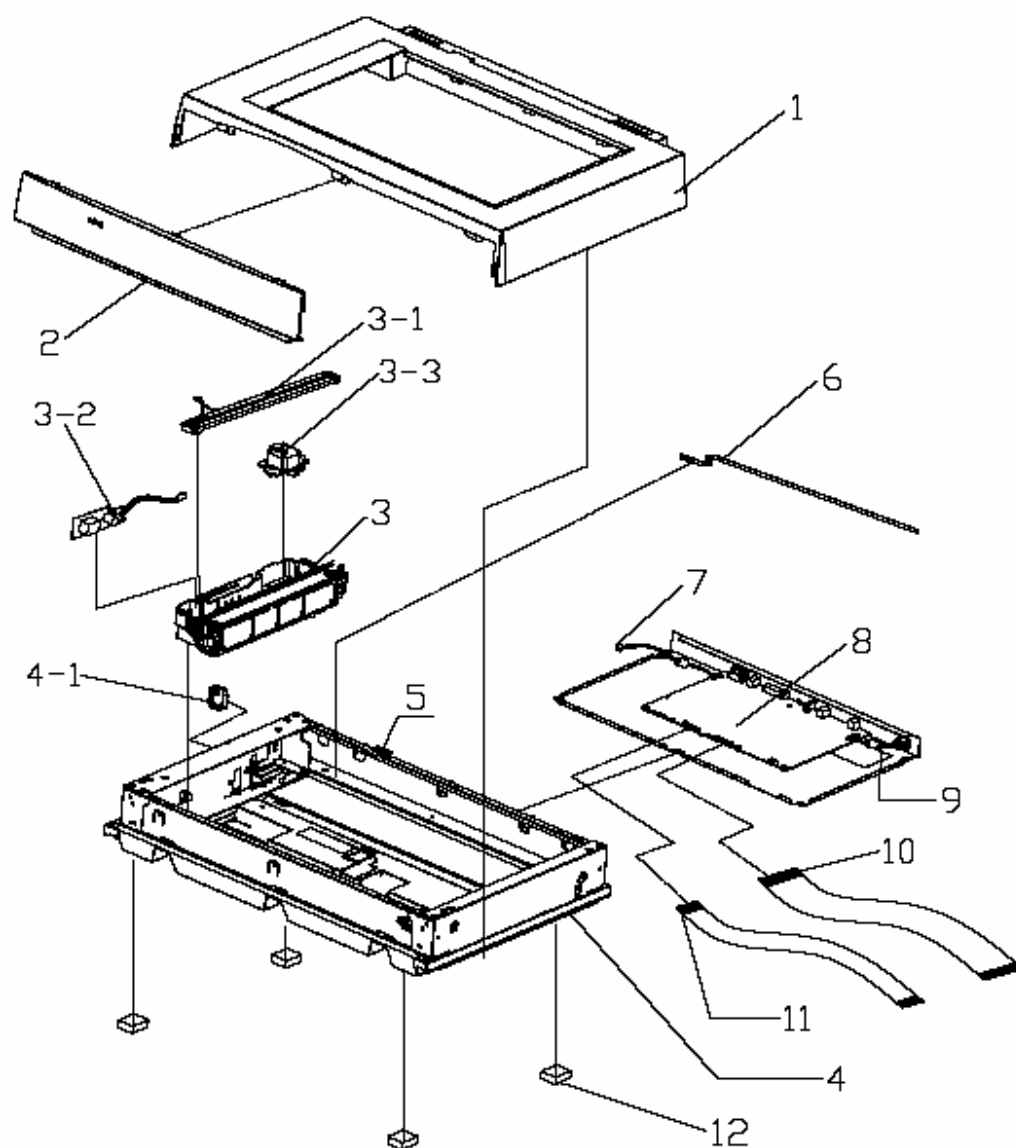
6.1 Spare Part Diagram/Table

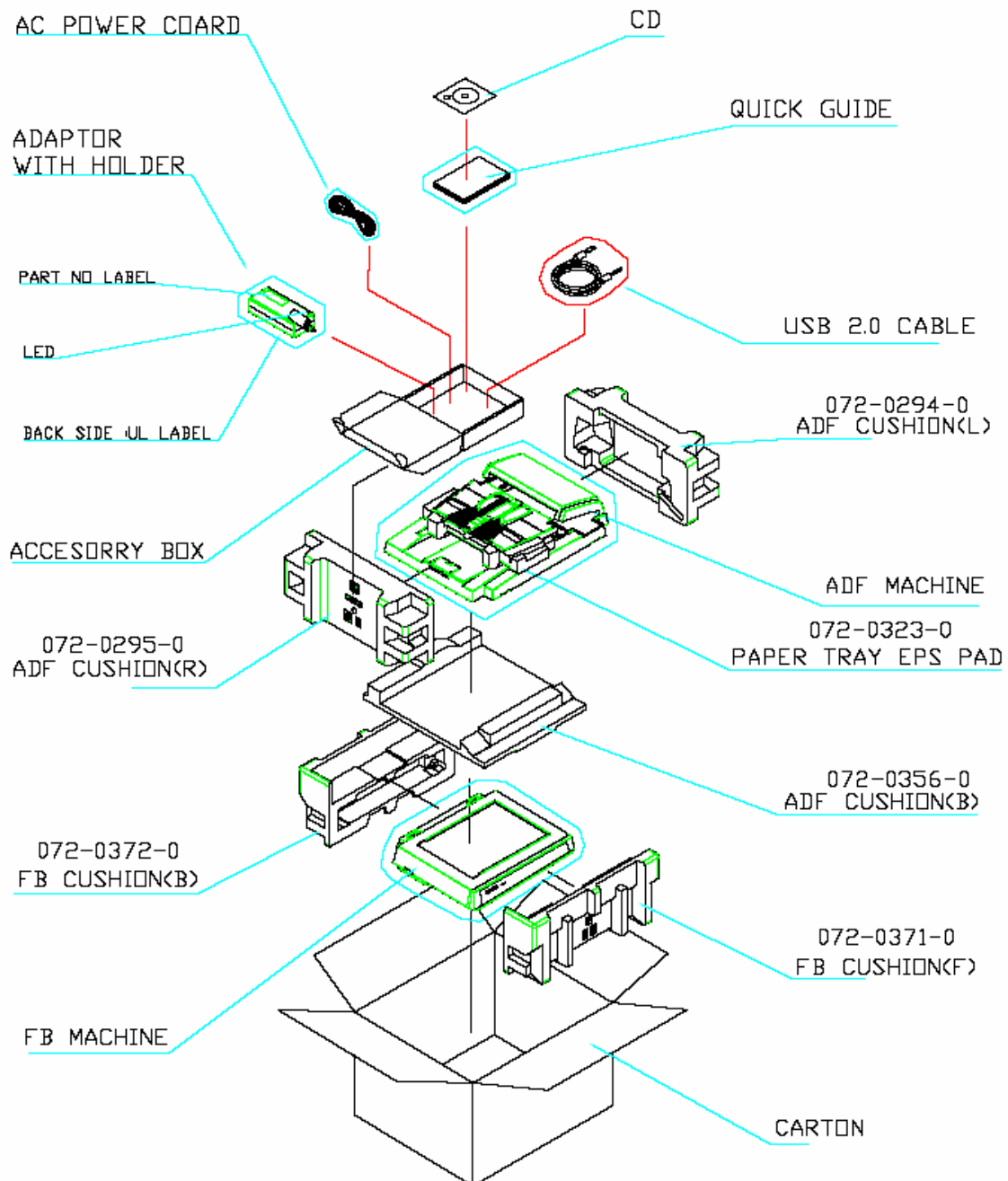
7.1 SPARE PART DIAGRAM











ITEM	XEROX P/N	DESCRIPTION	REV.	ACCEPT ORDER QUANTITY
ADF MODULE				
1	002-2208-0-SP	S-PARTS:ASS'Y,TRAY,A3 ADF	100	1
1-1	004-0699-0-SP	S-PARTS:PCBA, SB18 (PAPER SIZE SENSOR),A3 ADF	100	1
2	051-1409-0-SP	S-PARTS: COVER, FRONT, 399x189x122, A3 DUPLEX ADF	100	1
3	002-1737-0-SP	S-PARTS: ASSY, FRONT, A3 Duplex ADF	100	1
3-1	002-2394-0-SP	S-PARTS:ASS'Y,ADF ROLLER	100	1
4	002-2207-0-SP	S-PARTS:ASS'Y,UPPER,A3 ADF	100	1
4-1	002-2756-0-SP	S-PARTS:ASS'Y, PAD	100	1
4-2	066-0139-0-SP	S-PARTS: MYLAR, PAPER IN: 86.5x80x0.125t, PET	200	1
4-3	003-0395-0-SP	S-PARTS: ASS'Y, SENSOR UNIT: SG-405 MODULE+ARM/SG-116, 3P, P=2.0, 3 LINES, L=140+5/-0mm, #26, SG-116AV11	100	1
5	002-2277-8-SP	S-PARTS:ASS'Y, MAIN	100	1
5-1	003-5404-0-SP	S-PARTS: ASS'Y, MOTOR	100	1
5-2	004-0687-0-SP	S-PARTS: PCBA: SB17, COVER SENSOR	100	1
5-3	002-2278-8-SP	S-PARTS:ASS'Y,A3 ADF CHASSIS	100	1
5-3-1	003-0383-0-SP	S-PARTS:INVERTER,24VDC,7mA,45KHz,INV-178C,Cotek	100	1
5-4	057-0143-0-SP	S-PARTS:BELT,123t,W=4.8,PU,BLACK, A3 DUPLEX ADF	100	1
5-5	057-0144-0-SP	S-PARTS:BELT,75t,W=4.8,PU,BLACK,A3 DUPLEX ADF	100	1
5-6	057-0145-0-SP	S-PARTS:BELT,180t,W=6,RUBBER,BLACK,A3 DUPLEX ADF	100	1
6	002-2206-0-SP	S-PARTS:ASS'Y,DOCUMENT,A3 ADF	100	1
6-1	002-2590-0-SP	S-PARTS:ASS'Y, HINGE, FB	100	1
6-2	004-0997-8-SP	S-PARTS:PCBA,ABA46	100	1
6-3	002-2591-0-SP	S-PARTS:ASS'Y,HINGE, ADF,ADF4230	100	1
7	104-0386-0-SP	S-PARTS:ADF CABLE,36P MALE GOLD FLASH CONN.+ 17P/19P HOUSING(P=2.0mm),#28AWG CABLE, C041-330306-B	100	1

FLATBED SCANNER				
1	002-1839-0-SP	S-PARTS:ASS'Y, HOUSING, UPPER	100	1
2	002-2144-0-SP	S-PARTS:ASS'Y,COVER,FRONT	100	1
3	002-2155-0-SP	S-PARTS:ASS'Y,OPTICAL	100	1
3-1	002-2156-0-SP	S-PARTS:ASS'Y,LAMP	100	1
3-2	003-0498-0-SP	S-PARTS:INVERTER,24V,7.5mA,53KHz,01-B118-0010,COTEK	100	1
3-3	002-1614-0-SP	S-PARTS: ASS'Y, MOTOR: 600DPI	200	1
4	003-5651-0-SP	S-PARTS:BOTTOM+LOCK	100	1
4-1	051-1402-0-SP	S-PARTS:LOCK, CHASSIS, 35.7x27.6x20, CLEAR, PC	100	1
5	004-0953-0-SP	S-PARTS:PCBA,SBA32	100	1
6	002-1726-0-SP	S-PARTS: ASS'Y, BELT	100	1
7	104-0532-00-SP	S-PARTS:CABLE,3P,P=2.0mm,L=400mm,28AWG,F 037RA-095,W/PVC TUBE,W/CORE	100	1
8	004-0778-0-SP	S-PARTS:PCBA, MAIN BOARD, A3 DUPLEX	100	1
9	003-0328-0-SP	S-PARTS: POWER SWITH/SOCKET W/CORE, PITCH2.5, L=200	100	1
10	104-0319-0-SP	S-PARTS: FFC CABLE, 32P, L= 570mm, WHITE, FFCC3205T2570EL-300	100	1
11	104-0385-0-SP	S-PARTS:FFC CABLE, 20P, P=1.0mm, L=420mm, 5/5/10/10, FFCC2005T242000-300	100	1
12	057-0140-0-SP	S-PARTS: RUBBER FOOT, 36.4x29.4x12.0, SILICON RUBBER, GRAY	100	1
ACCESSORY				
	073-0590-0	ACCESSORY BOX : 280x245x48 , B/F	200	1
	072-0294-0	EPS FOAM, L: 566x256x150, A3 DUPLEX ADF	010	1
	072-0295-0	EPS FOAM, R: 566x256x135, A3 DUPLEX ADF	010	1
	072-0356-0	FOAM, EPS,B:570x480x105mm,50	010	1
	072-0371-0	FOAM, EPS,F:790x350x190mm,62.5	010	1
	072-0372-0	FOAM, EPS,R:790x350x190mm,62.5	010	1
	073-1241-0	CARTON:810x710x515,AB/F,中繁	100	1
	073-1242-0	CARTON:810x710x515,AB/F,英文	100	1

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	073-1243-0	CARTON:810x710x515,AB/F(China)	100	1
	006-0255-0	CD	100	1
	006-0259-0	CD:CHN	100	1
	104-0011-0-SP	S-PARTS: AC POWER CORD: 125V/10A, 1.8m(UL/CSA)	100	1
	104-0012-0-SP	S-PARTS: POWER CORD, 10A/250V, 1.8m(CEE)	100	1
	104-0013-0-SP	S-PARTS: AC POWER CORD: 10A/250V, 1.8m(BSI) UK	100	1
	104-0022-0-SP	S-PARTS: AC POWER CORD: 10A/250V, 1.8m(SAA), AUS	100	1
	104-0239-0-SP	S-PARTS: AC POWER CODE, 250V/10A, 1.8M(China)	100	1
	104-0273-0-SP	S-PARTS: USB 2.0 CABLE: SHIELDING, L=1.83m, 28AWG,W/CORE, LOW Pb/ Cd, TRANSPARENT	100	1
	003-0335-0-SP	S-PARTS: POWER ADAPTOR, 24V/2.0A, 100-240V/50-60Hz	100	1

Table 6.1 Spare Parts for DocuMate 752