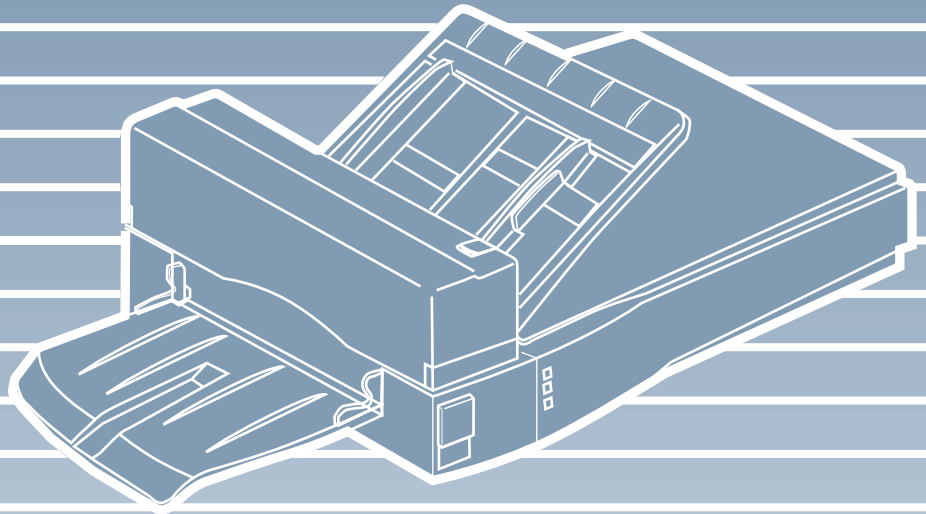


M3093DE/DG Image Scanner

Cleaning and Maintenance



Edition	Date published	Revised contents
01	September, 1996	First edition
Specification No. C150-E071-01EN		

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This digital apparatus does not exceed the Class A limit for radio noise emissions from digital apparatus set out in the Radio interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe A prescrites dans le Règlement sur le brouillage radioélectrique dicté par le ministère des Communications du Canada.

Maschinenlärminformationsverordnung 3. GSGV, 18.01.1991: Der arbeitsplatzbezogene Schalldruckpegel beträgt 70dB(A) oder weniger gemäß ISO 7779.

The contents of this manual may be revised without prior notice.

All Rights Reserved, Copyright © 1996 FUJITSU LIMITED.
Printed in Japan.

No part of this manual may be reproduced in any form without permission.

Please send your comments on this manual or on Fujitsu products to the following addresses:

FUJITSU COMPUTER PRODUCTS OF AMERICA, INC.
2904 Orchard Parkway, San Jose.
California 95134-2022, U.S.A.
TEL: 1-408-432-6333
FAX: 1-408-432-3908
Home page: <http://www.fcpa.com/>

FUJITSU AUSTRALIA LIMITED
475 Victoria Avenue Chatswood.
N.S.W2067, AUSTRALIA
TEL: 61-2-410-4555
FAX: 61-2-411-8603

FUJITSU CANADA, INC.
2800 Matheson Blvd. East, Mississauga.
Ontario 4X5, CANADA
TEL: 1-905-602-5454
FAX: 1-905-602-5457

FUJITSU DEUTSCHLAND GmbH.
Frankfurter Ring 211,
8000 München 40, F.R., GERMANY
TEL: 49-89-32378-0
FAX: 49-89-32378-100

FUJITSU ESPAÑA, S.A.
Edificio torre Europa 5ª
Paseo de la Castellana 95 Madrid 28046, SPAIN
TEL: 34-1-581-8400
FAX: 34-1-581-8125

FUJITSU EUROPE LTD.
2, Longwalk Road, Stockey Park, Uxbridge
Middlesex, UB11 1AB, U.K.
TEL: 44-81-573-4444
FAX: 44-81-573-2643
Home page: <http://www.fujitsu-europe.com/>

FUJITSU FRANCE S.A.
Bâtiment Aristote, 17 rue Olof palme
94006 Créteil cedex, FRANCE
TEL: 33-14-513-1616
FAX: 33-14-399-0700

FUJITSU HONG KONG Limited
Room 2521, Sum Hung Kai Centre
30 Harbour Road Wanchai, Hong Kong
TEL: 852-827-5780
FAX: 852-827-4724
TLX: 62667

FUJITSU ITALIA S.p.A.
Via Melchiorre Gioia, No. 8-20124
Milano, ITALY
TEL: 39-2-6351
FAX: 39-2-6572257

FUJITSU NORDIC AB
Kung Hans vag, S-19176
Sollentuna, SWEDEN
TEL: 46-8-626-6000
FAX: 46-8-626-6711

FUJITSU LIMITED
International Operations
Marunouchi 1-6-1, Chiyoda-ku, Tokyo 100
JAPAN
TEL: (81-3)3216-3211
FAX: (81-3)3213-7174
TLX: J2283
Cable: "FUJITSU LIMITED TOKYO"
Home page: <http://www.fujitsu.co.jp/>

IMPORTANT NOTE TO USERS

READ CAREFULLY ALL OF THIS MANUAL BEFORE USING THIS PRODUCT. IF NOT USED CORRECTLY, UNEXPECTED DAMAGES MAY BE CAUSED TO THE USERS OR THE BYSTANDERS.

While all efforts have been made to ensure the accuracy of all information in this manual, FUJITSU assumes no liability to any party for any damage caused by errors or omissions or by statements of any kind in this manual, its updates or supplements, whether such errors are omissions or statements resulting from negligence, accidents, or any other cause. FUJITSU further assumes no liability arising from the application or use of any product or system described herein; nor any liability for incidental or consequential damages arising from the use of this manual. FUJITSU disclaims all warranties regarding the information contained herein, whether expressed, implied, or statutory.

FUJITSU reserves the right to make changes to any products herein, to improve reliability, function, or design, without further notice and without obligation.

Preface

This manual explains how to clean and maintain the M3093DE/DG image scanner.

The M3093DE/DG is highly functional image scanner developed for volume filing, using charge-coupled device (CCD) image sensors. This scanner features duplex scanning and high quality image, processing with an automatic document feeder (ADF).

Refer to Operator's Guide for basic information about the M3093DE/DG.

Conventions

Special information, such as warnings, cautions are indicated as follows:

WARNING

WARNING indicates that personal injury may result if you do not follow a procedure correctly.

CAUTION

CAUTION indicates that damage to the scanner may result if you do not follow a procedure correctly.

The following symbols are used in this manual.



Used for general WARNING and CAUTION.



Be careful not to pinch your fingers or hands.

CONTENTS

CHAPTER 1 DESCRIPTION	1-1
Units	1-2
Assemblies	1-4
Indicators	1-5
LED functions	1-5

CHAPTER 2 OPERATING INSTRUCTION	2-1
Loading Document on the ADF	2-2
Loading Document on the Flatbed	2-7
Loading Document Larger than the Document Board	2-8
Reading a Page from a Thick Book	2-9

CHAPTER 3 CLEANING	3-1
Cleaning Supplies and Cleaning Area	3-2
Supplies	3-2
Cleaning area	3-3
Cleaning the ADF	3-4
Cleaning the Flatbed	3-9

CHAPTER 4 REPLACEMENT OF PARTS	4-1
Pad ASY or Pad	4-2
Pick Roller	4-4

CHAPTER 5 TROUBLESHOOTING	5-1
Paper JAM	5-2
Initial Checks	5-3
Test Mode for Maintenance	5-17
Problem Checklist	5-19

CHAPTER 1 DESCRIPTION

CHAPTER 2 OPERATING INSTRUCTION

CHAPTER 3 CLEANING

CHAPTER 4 REPLACEMENT OF PARTS

CHAPTER 5 TROUBLESHOOTING

DESCRIPTION

OPERATING
INSTRUCTION

CLEANING

REPLACEMENT
OF PARTS

TROUBLESHOOTING

DESCRIPTION

This chapter describes units, assemblies, indicators and LED functions.

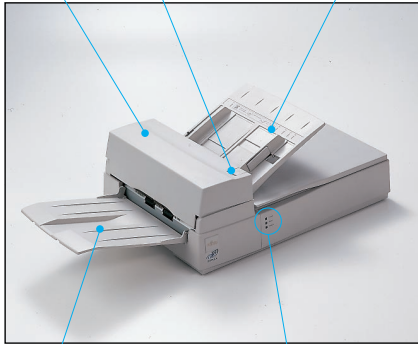
Units

Assemblies

Indicators

Units

- ① ADF ② ADF lever ③ ADF paper chute



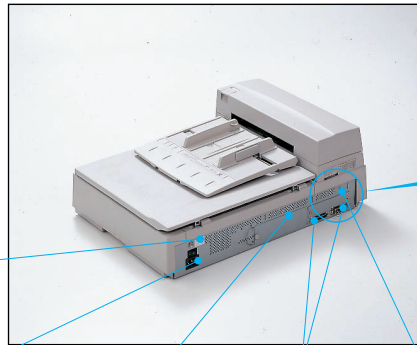
- ⑤ Stacker ④ Indicators

- ⑥ Document cover ⑦ Document holding pad



- ⑧ Document bed

M3093DE



- ⑬ Power switch

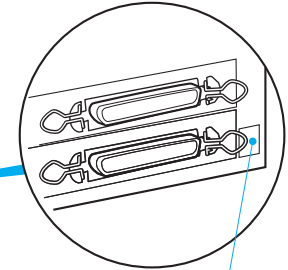
- ⑫ Power inlet

- ⑪ Memory cover

- ⑩ Interface cable

- ⑨ Third party slot

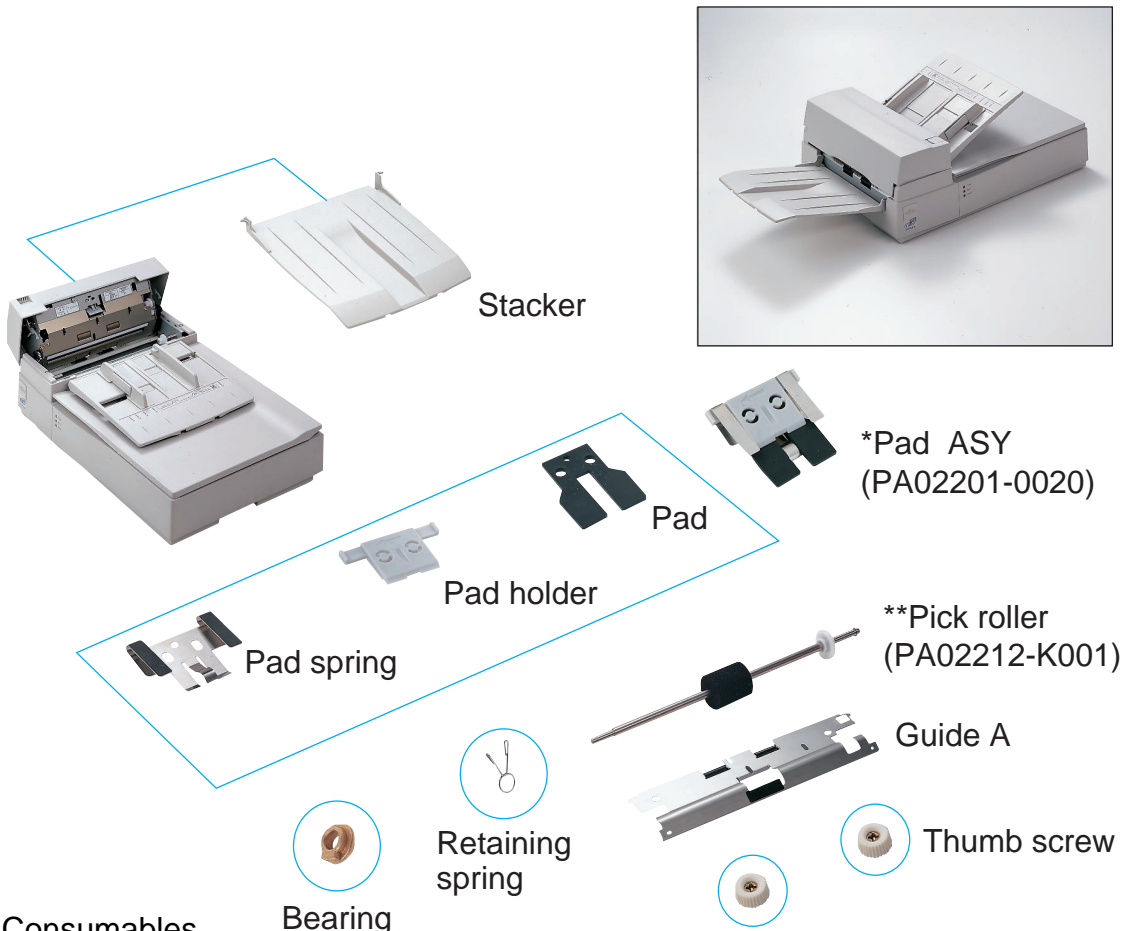
M3093DG



- ⑭ Address switch

No.	Function
①	Automatically feeds documents to the reading position.
②	Opens/closes ADF to remove the jammed documents.
③	Holds the documents to be fed by ADF.
④	Indicate the status of the scanner.
⑤	Stacks the read documents.
⑥	Covers a document to be read.
⑦	Presses a document to the document bed.
⑧	A document to be read is placed. Also called Flatbed. (FB)
⑨	Third party slot (M3093DE)
⑩	Connected to the host system with interface cables.
⑪	Open here when installing or replacing Memory option.
⑫	Connect the power cable from an AC power outlet here.
⑬	Power switch.
⑭	Used for setting SCSI-ID. (M3093DG)

Assemblies

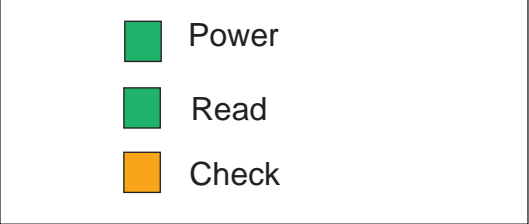
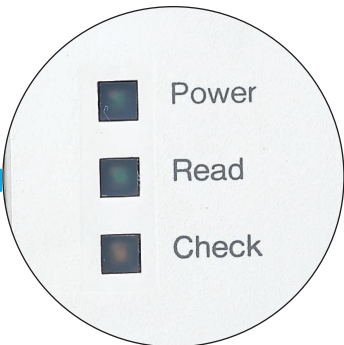


*:Consumables

** :Consumables

These parts may not be provided in some countries because they are not compliant with safety regulations. Before ordering the pick roller, contact your sales agent or Fujitsu service representative.

Indicators



LED functions

LED	Function
■ Power	Lights to indicate the power is on.
■ Read	Lights to indicate scanning is in progress.
■ Check	Lights if a device error occurs that may result in a service call. Blinks if a document is jammed in the ADF. Turns off when the jammed documents are removed from the ADF and ADF is closed. Blinks at four seconds intervals if the ADF cleaning is necessary.

OPERATING INSTRUCTION

This chapter describes how to load document on the ADF and flatbed, how to load document larger than the document board and how to read a page from a thick book.

Loading Document on the ADF

Loading Document on the Flatbed

Loading Document Larger than the Document Board

Reading a Page from a Thick Book

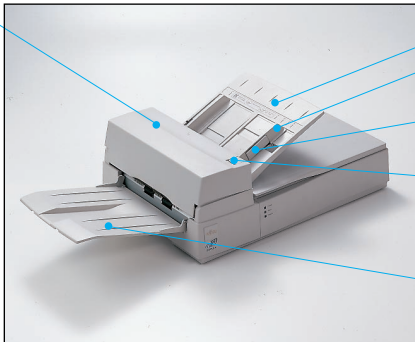
Loading Document on the ADF



CAUTION

Be sure to change the position of the carrier fixing bracket according to "INSTALLATION AND CONNECTION" in OPERATOR'S GUIDE before operation. This may prevent the scanner from being damaged.

ADF



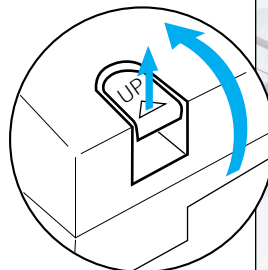
ADF paper chute
Guide

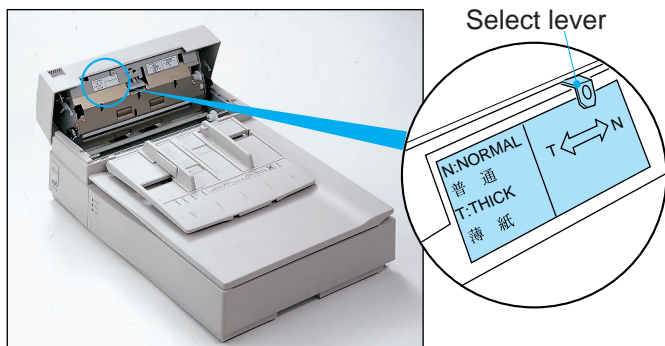
Guide lever

ADF lever

Stacker

- 1 Lift up the ADF lever to open the ADF.





2 Set the paper select lever as follows.

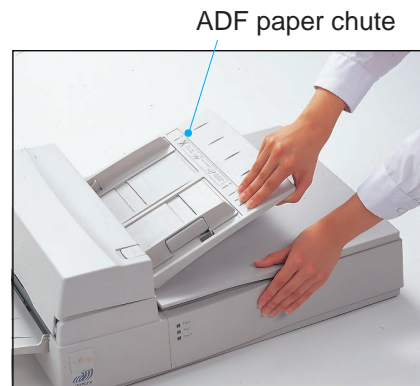
Paper	Mode
Plain paper	NORMAL
Heavy paper	THICK

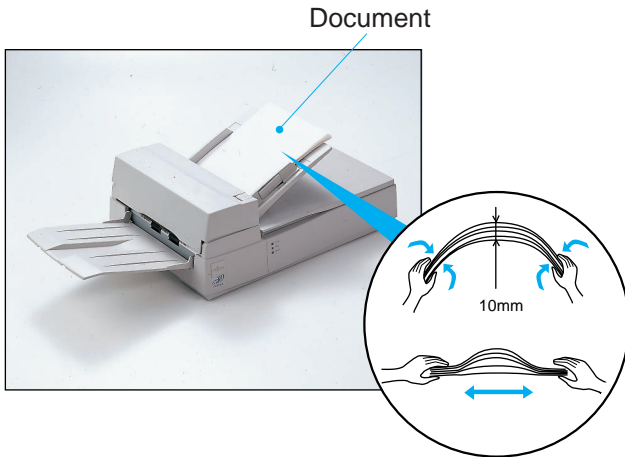
NOTE

Be sure to reset the paper select lever to "NORMAL" when you load the paper other than the heavy paper.

3 Close the ADF.

4 Pull up the ADF paper chute until it clicks.





5 Fan the sheets before setting the document on the ADF paper chute.

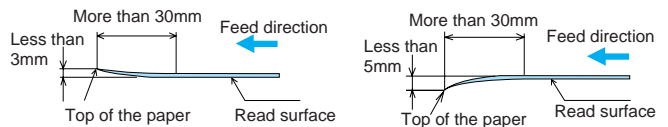
NOTE

- Remove paper clips and staples. Flatten the staple holes .



- Read the following documents using the flatbed.
 - Paper with a clip or staple.
 - Paper that has ink which is not dry.
 - Paper thickness is not constant, such as an envelope.
 - Paper that has large rumples or curl.
 - Paper that has folds or tears.
 - Tracing paper.
 - Coating paper.
 - Carbon paper.
 - Paper that is smaller than A6 size or larger than A4 width.
 - Items other than paper, such as clothes, metal sheet, or OHP film.
 - Photographic paper.
 - Paper that has perforations on its side.
 - Paper that has a shape other than square.
 - Paper that is very thin.

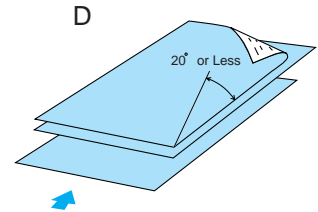
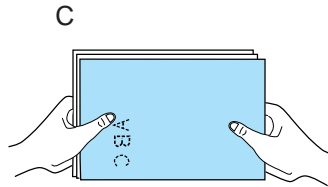
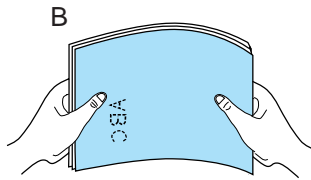
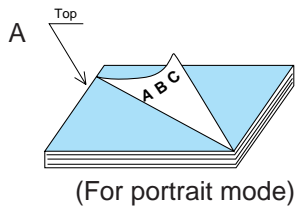
- Set the paper so that the top of it is curled as shown below.

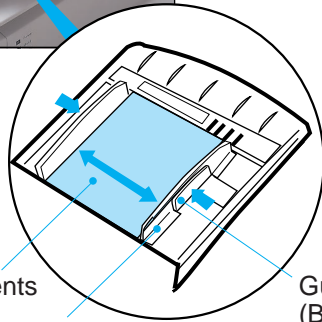


- Do not mix different width documents.

6 Angle the document edges as follows:

- Place the documents face down with the top to the left as shown in A. The long side is the top for landscape mode and the short side is the top for portrait mode.
- Lift the documents holding the both ends with both hands.
- Hold the documents tightly with your left hand and bend the documents as shown in B.
- Grip tightly with your right hand, loosen the grip of your left hand, and straighten the documents as shown in C.
- Repeat these operations until the top is angled 20° or less as shown in D.





Documents

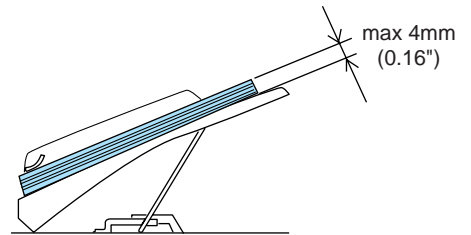
Guide

Guide lever
(Both sides)

- 7** Set the guides so that there is a little amount of clearance between the side edges and the guides. Load the document face down on the ADF paper chute and adjust the guides to the document size.

 **NOTE**

- Squeeze the guide lever to free the guides.
- Load documents so that the thickness is less than 4mm.
- Set the guides so that they touch the document sides.



max 4mm
(0.16")

- 8** After the read command is issued from the host system, scanned documents are stacked in the stacker for removal.





WARNING

Do not look directly at the light source during read operation.

Loading Document on the Flatbed



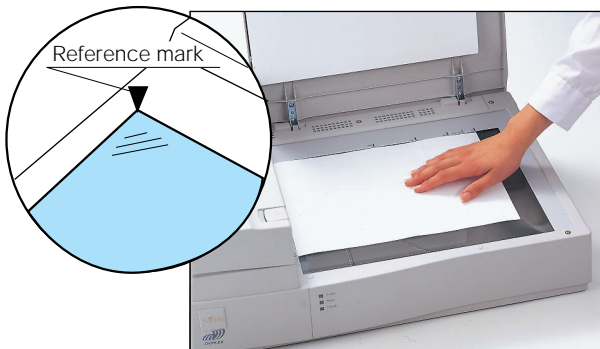
Document cover

Document holding pad

Document bed

1

Open the document cover.



2

Place the document face-down and align the top left of it with the reference mark.

3

Close the document cover slowly.

4

Issue the read command from the host system.



WARNING

Do not look directly at the light source during read operation.

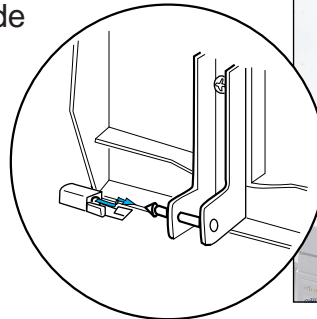
Loading Document Larger than the Document Board



Document bed

Document

- 1 Open the document cover approx. 80 degrees and slide the cover in the direction of the arrow to remove it.



- 2 Place the document face-down on the document bed.
Issue the read command from the host system.
- 3 After the read operation, remove the document, re-attach the document cover and close the document cover.



WARNING

Do not look directly at the light source during read operation.

Reading a Page from a Thick Book



Thick book



1

Open the document cover.

2

Place the book face-down on the document bed.

3

Issue the read command from the host system.
Keep the cover open for reading.

NOTE

Do not move the book during read operation.



CLEANING

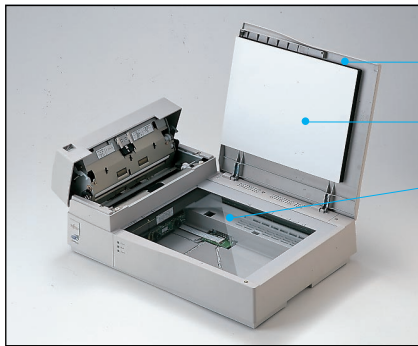
This chapter describes the cleaning supplies and area, and how to clean the ADF and flatbed.

Cleaning Supplies and Cleaning Area

Cleaning the ADF





Cleaning the Flatbed

Cleaning Supplies and Cleaning Area



Document cover
Document holding pad
Document bed

Supplies

Supplies	Type No.	Frequencies (*1)	Remarks
Cleaning paper 	Contact your dealer or distributor	Every 5,000 sheets	
Cleaner F2 		• Plastic rollers (*2)	1 bottle Apply Cleaner F2 to cotton swab.
Cleaner F1 or Isopropyl alcohol 		• PAD ASY Every 5,000 sheets • Pick roller/Feed rollers/ Glass/Sheet guide Every 5,000 sheets	1 bottle. Apply Cleaner F1 to cloth.
Cotton swab 			
Dry cloth			

*1 When the CHECK indicator starts blinking at 4-second intervals, clean the scanner regardless of the frequencies.

*2 Clean the plastic rollers when they are soiled with dirt. Do not clean the rubber rollers with cleaner F2.

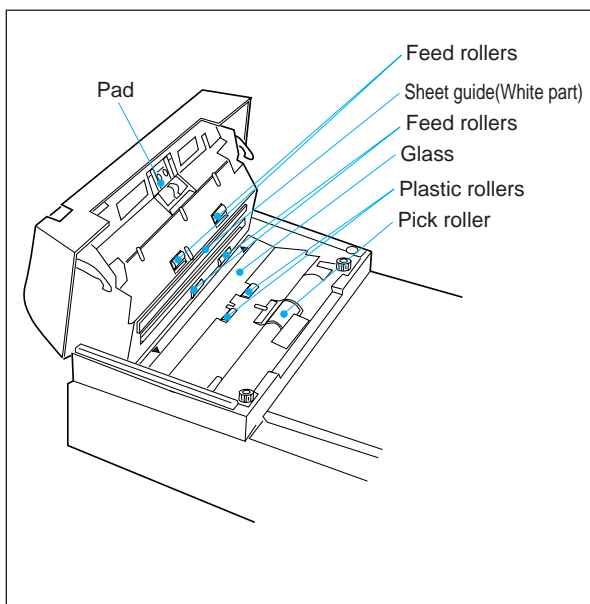
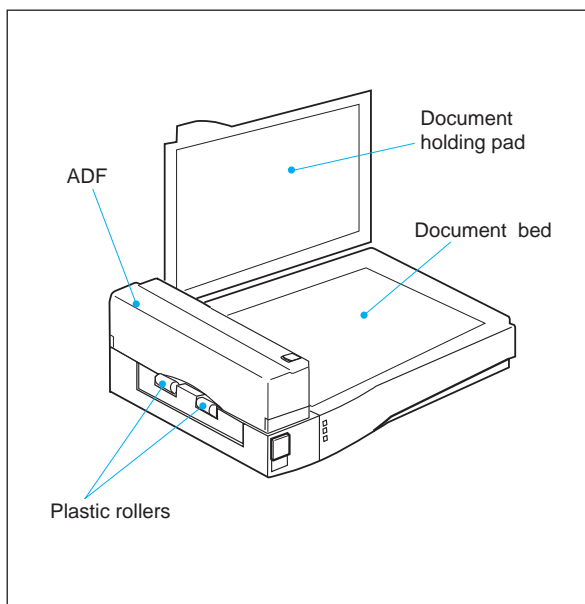
NOTE

When the following paper is used, it may be necessary to clean more frequently.

- Paper with smooth surface such as coated paper.
- Paper with almost all printed area.
- Paper with special coating such as carbon-less paper.

Cleaning area

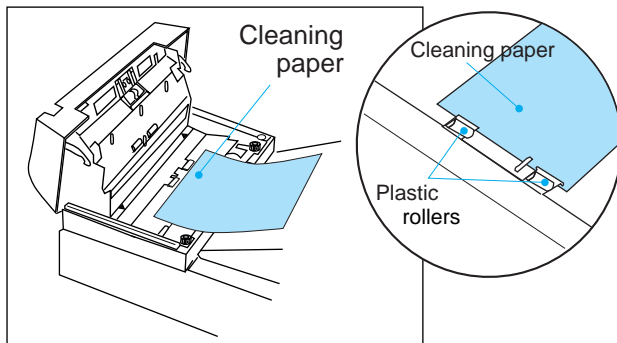
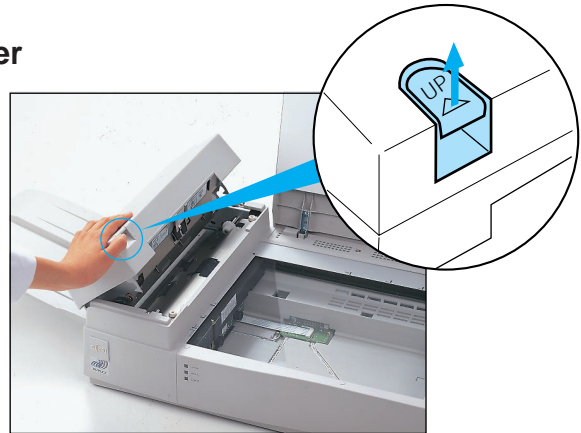
Area	Name	Cleaning paper with Cleaner F1	Dry cloth with Cleaner F1	Cotton swab with Cleaner F1 or F2
Flatbed	Document holding pad		○	
	Document bed		○	
ADF	Pad	○	○	
	Glass/Sheet guide	○	○	
	Pick roller	○	○	
	Plastic rollers	○	○	○
	Feed rollers	○	○	



Cleaning the ADF

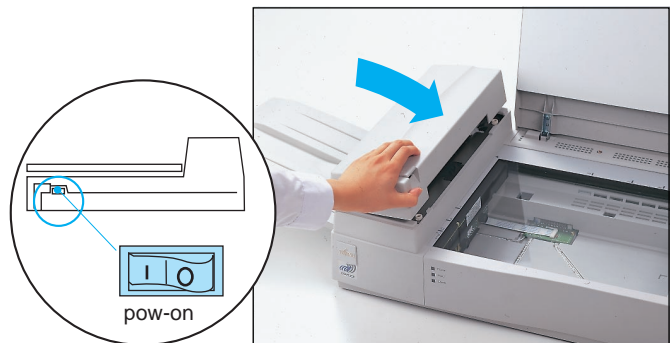
Cleaning the ADF with cleaning paper

- 1** Lift up the ADF lever to open the ADF.
- 2** Apply cleaner F1 to a new cleaning paper.



- 3** Place the cleaning paper on the ADF so that the short side edge touches the plastic roller.


- 4** Close the ADF and turn the power on to start the cleaning.
- 5** Turn the power off.
- 6** Repeat steps 1 through 5.




Cleaning the ADF with Dry cloth with Cleaner F1

- 1 Lift up the ADF lever to open the ADF.
- 2 Use a dry cloth or a cloth moistened with Cleaner F1 to softly remove dirt and dust as follows.



Pad 
Wipe the pad in the downward direction (indicated by the arrow). Be careful not to hook the pick spring when wiping.

Glass 
Wipe the glass lightly.

NOTE

If the glass is dirty, the image may include vertical stripes.





Pick roller

Pick roller

Wipe the roller.
Be careful not to damage the surface of the roller and the mylar strip above the Pick roller.

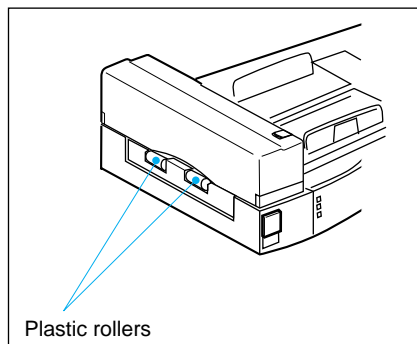
Feed rollers and Plastic rollers

Wipe the rollers.
Be careful not to damage the surface of the rollers.



Feed rollers

Plastic rollers



Plastic rollers

Sheet guide (white part)



Sheet guide (white part)

Wipe the sheet guide.

NOTE

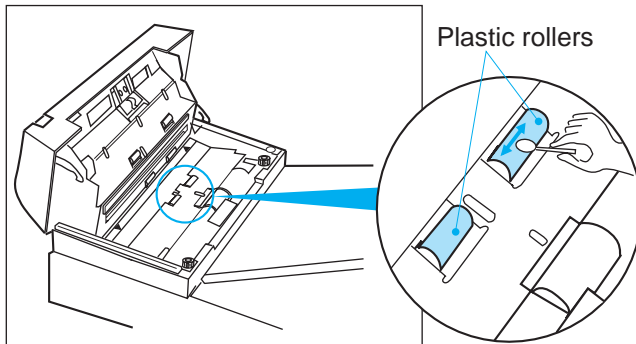
If the sheet guide is dirty, the front image may include vertical stripes.

3

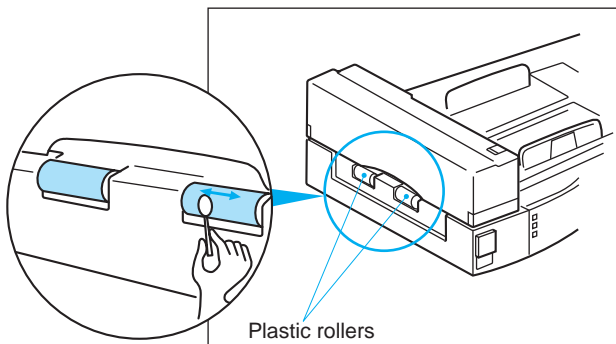
Close the ADF to lock the ADF lever.



Cleaning the Plastic rollers with Cleaner F2



- 1** Lift up the ADF lever to open the ADF.
- 2** Moisten a cotton swab with Cleaner F2.
- 3** Wipe the Plastic roller surfaces.
- 4** Wipe the Plastic roller surface with clean and dry cloth. Allow to dry.



Cleaning the Flatbed

Cleaning the Flatbed with Dry cloth with Cleaner F1



Document cover

Document holding pad

Document bed

NOTE

Window or glass cleaner can be used instead of cleaner F1.
However do not use organic solvent.

- 1** Open the Document cover.
- 2** Apply Cleaner F1 to a clean cloth.
- 3** Wipe the document holding pad and document bed.
- 4** Allow to dry.



NOTE

Be sure to prevent liquid from seeping through the opening between the document bed and the plastic cover.

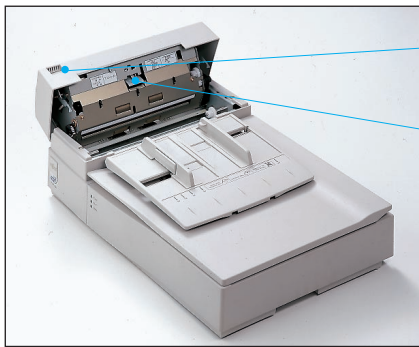
REPLACEMENT OF PARTS

This chapter describes how to replace the pad ASY, pad and pick roller.

Pad ASY or Pad

Pick Roller

Pad ASY or Pad



ADF lever

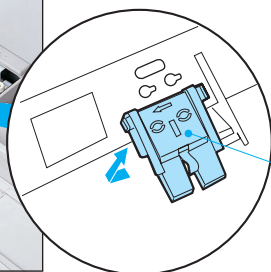
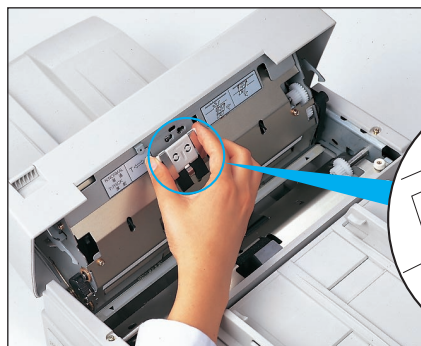
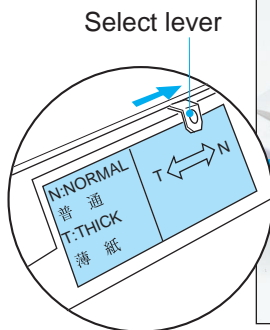
Pad ASY (PA02201-0020)

NOTE

The life span of the pad ASY is about 100,000 sheets or one year.

The life span may be decreased by half when carbon-less sheets are used.

- 1** Lift up the ADF lever to open the ADF.
- 2** Slide the paper select lever to "N".



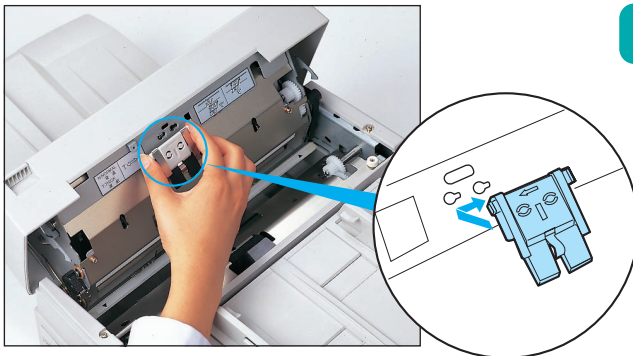
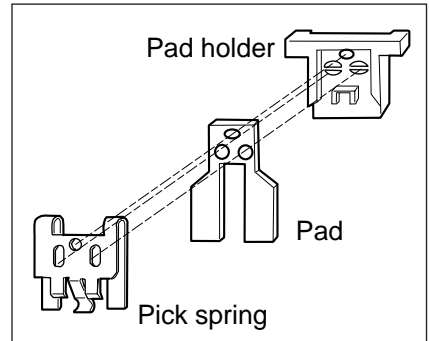
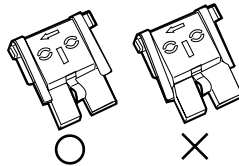
- 3** Slide the pad ASY to the left and pull it toward you.

4 If the Pad is attached to the scanner, you can replace the Pad according to the following procedure.

- a) Remove the pick spring.
- b) Remove the pad from the pad holder.
- c) Attach a new pad to the pad holder and fix it with the pick spring.

NOTE

- Turn the pad upside down so that the pad holder pin fits with the pad hole.
- Do not alter the shape of the pick spring.
- Attach the pick spring so that both ends of the pick spring are located on the pad.



5 Attach the pad ASY to the ADF until it clicks in the reverse sequence of step 3.

NOTE

Fit the pad ASY pin with the larger hole then slide to the right.

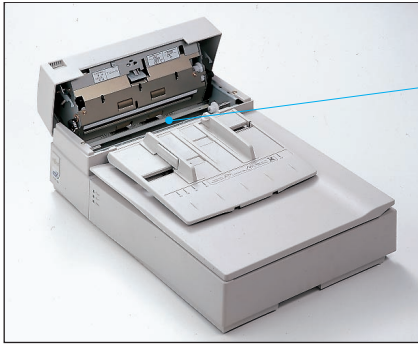
6 Close the ADF.

NOTE

Normally, set the select lever to "N". Return the select lever if necessary.



Pick Roller



Pick roller (PA02212-K001)

NOTE

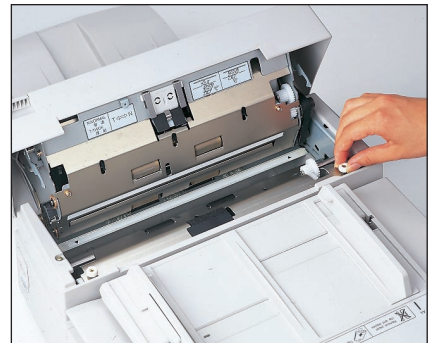
The life span of the pick roller is about 200,000 sheets or one year.
The life span may be decreased by half when carbon-less sheets are used.

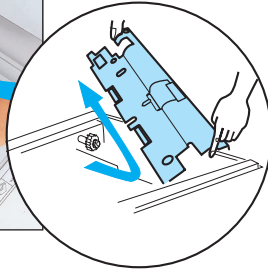
1 Lift up the ADF lever to open the ADF.

2 Remove the two thumb screws.

NOTE

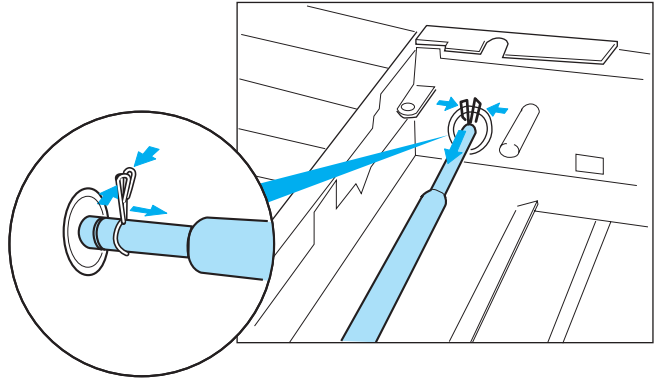
Use a Phillips screwdriver when they are tight.





- 3** Lift up the Guide A with both of your hands and disengage the tip from the right hole. Then lift the right side of the cover and remove it.

- 4** Hold the retaining spring and slide it to the roller side.



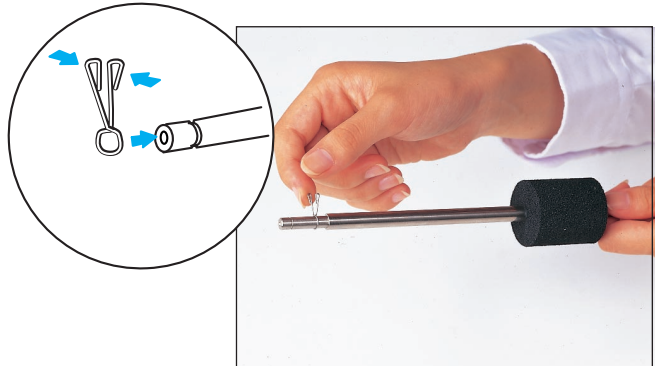
- 5** Slide the pick roller to the retaining spring side until the axis of the opposite side is disengaged. Lift and remove it.

- 6** Remove the retaining spring.

7

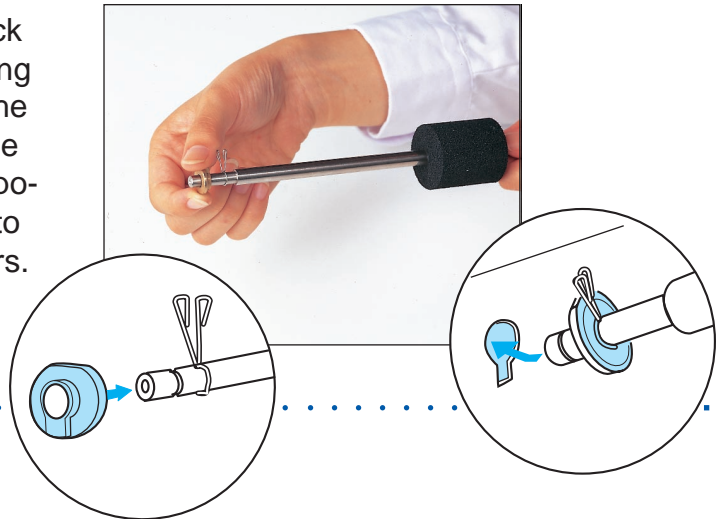
Attach the retaining spring to a new roller.

Do not put the spring in the groove yet. Slide the spring next to the larger diameter portion of the shaft.



8

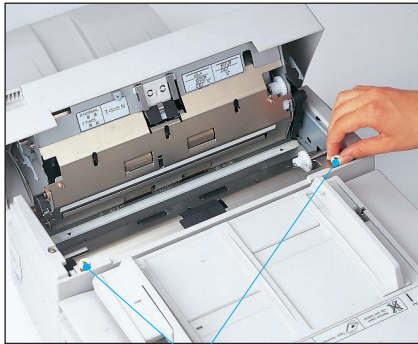
Slide the end of the new pick roller with the retaining spring into the bearing, then into the hole closer to the front of the scanner. Next, slide the opposite end of the pick roller into the bearing next to the gears.



9

Hold the retaining spring, slide it to the bearing slide and place it into the groove to fix it.

- 10** Attach the Guide A in the reverse sequence of step 3 and align the screw hole.



Thumb screws

- 11** Tighten the thumb screws.
- 12** Close the ADF unit.

TROUBLESHOOTING

This chapter describes the paper JAM, initial checks and test mode for maintenance.

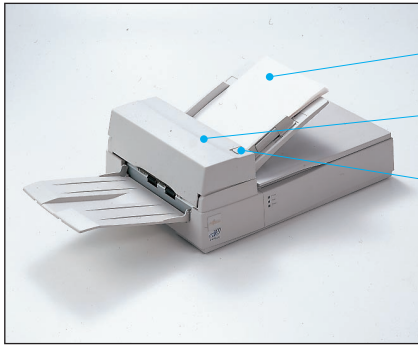
Paper JAM

Initial Checks

Test Mode for Maintenance

Problem Checklist

Paper JAM



Document

ADF

ADF lever

- 1** Remove the documents from the ADF paper chute.
- 2** Lift the ADF lever to open the ADF.
- 3** Remove the jammed document.

NOTE

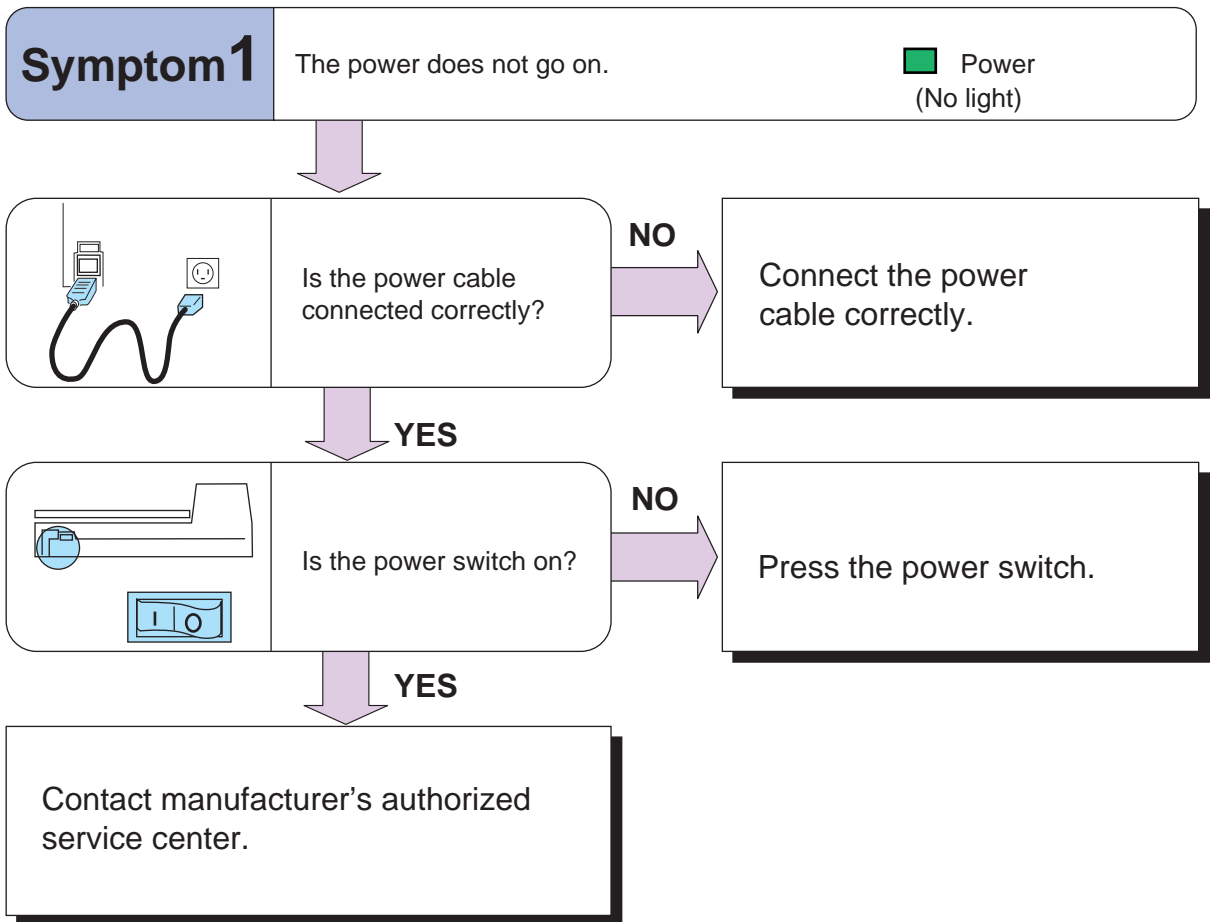
Inspect the paper and paper path. Make sure no staples, paper clips or other materials caused the jam. All types of staples and paper clips should be removed from all documents before scanning.

- 4** Close the ADF until the ADF lever locks.



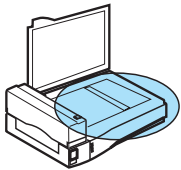
Initial Checks

If a problem occurs, check the following items before contacting manufacturer's authorized service center.



Symptom 2

Read operation does not start.

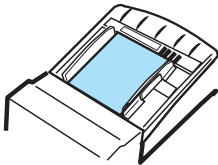


Is the carrier fixing bracket placed in operation position?

NO

Place the carrier fixing bracket correctly.
(See Operator's Guide)

YES

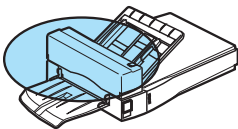


Are the documents loaded on the ADF paper chute correctly?

NO

Insert the first few pages into the slot.

YES

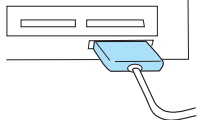


Is the ADF closed completely?

NO

Close the ADF completely.

YES

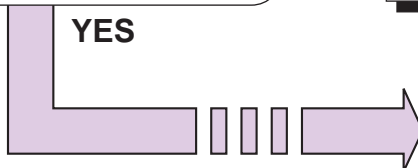


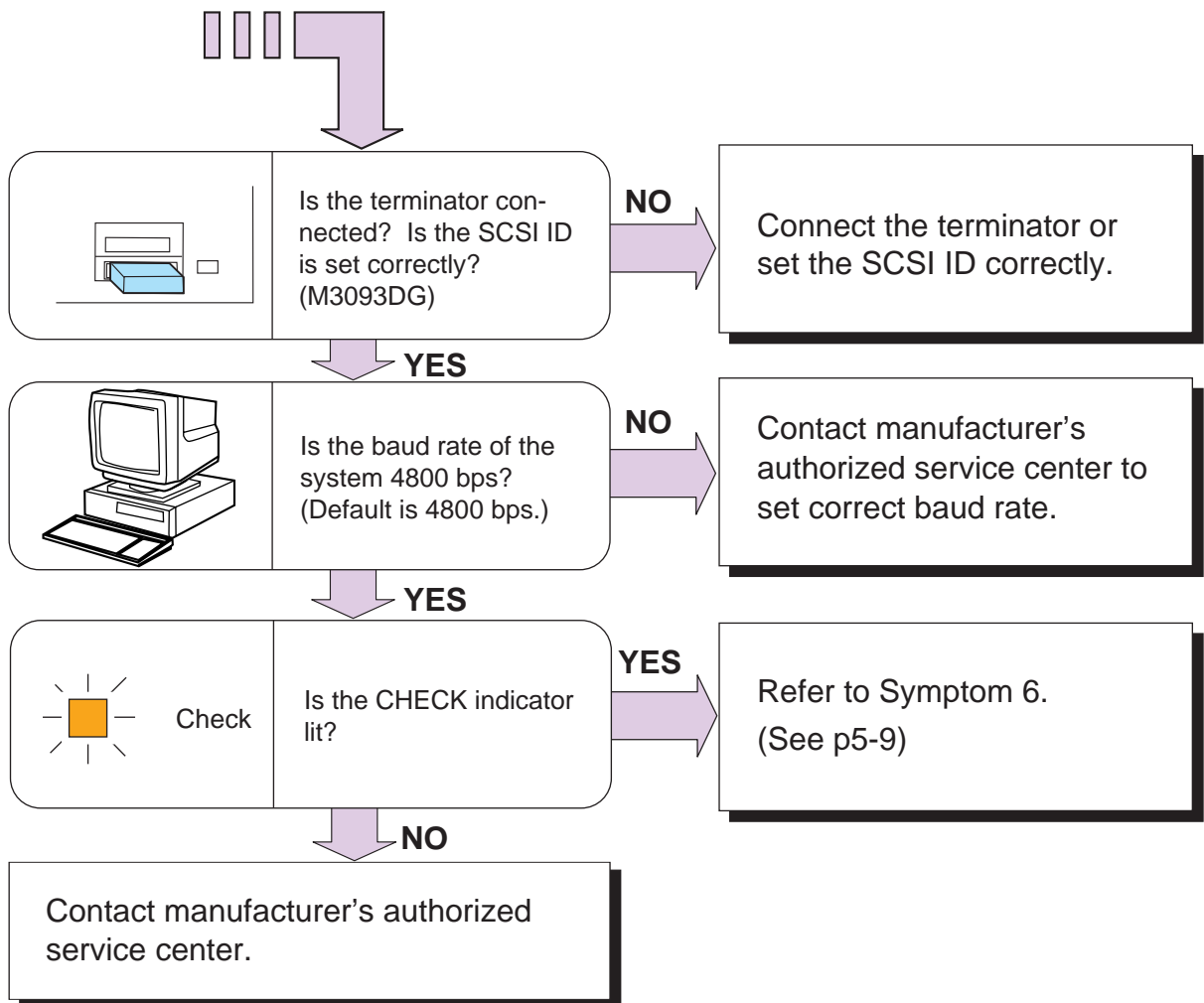
Is the interface cable connected correctly?

NO

Connect the interface cables correctly.

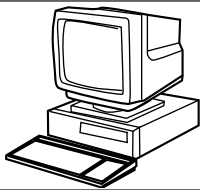
YES





Symptom 3

Pictures and photographs are not read correctly.

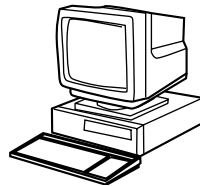


Is the "Photo" mode selected?

NO

Select the "Photo" mode (White level following off) through the scanner setting menu in the software.

YES

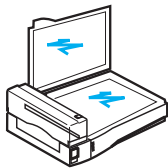


Is halftone or dithering processing selected?

NO

Select a halftone or dithering mode from the host computer.

YES



Is the document bed, document holding pad, glass and sheet guide clean?

NO

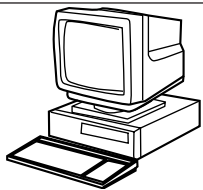
Clean the dirty parts. (See p3-5, p3-7, p3-9)

YES

Contact manufacturer's authorized service center.

Symptom4

Characters and lines are not read correctly.

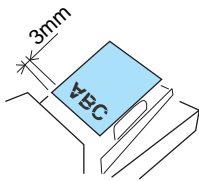


Is the "Line Art" mode selected?

NO

Select a "Line Art" mode from the host computer.

YES

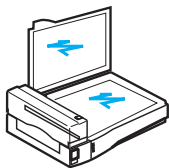


Is there printed text on the first 3mm of the document?

YES

Select the "Photo" mode (White level following off) via software.

NO



Is the document bed, document holding pad, glass and sheet guide clean?

NO

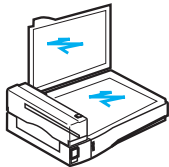
Clean the dirty parts. (See p3-5, p3-7, p3-9)

YES

Contact manufacturer's authorized service center.

Symptom 5

Images are distorted or unclear.

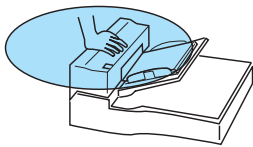


Is the document bed, document holding pad, glass and sheet guide clean?

NO

Clean the dirty parts.
(See p3-5, p3-7, p3-9)

YES

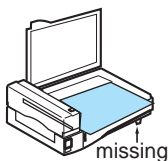


Is the surface of the ADF pressed or is there anything heavy on it?
(During rear read operation with ADF)

YES

Do not press the surface of the ADF or do not put anything heavy on it.

NO



Is the scanner on even and flat surface or any scanner rubber feet missing?

NO

Place the scanner on the even and flat surface.
Or attach the rubber feet.

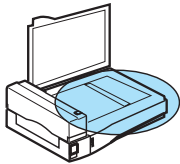
YES

Contact manufacturer's authorized service center.

Symptom 6

The check indicator is on.

 Check

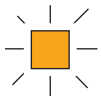


Is the carrier fixing bracket placed in operation position?

NO

Place the carrier fixing bracket correctly.
(See Operator's Guide)

YES



Check

Turn off the power once and try to turn on the power again.
Is the CHECK lamp turned on?

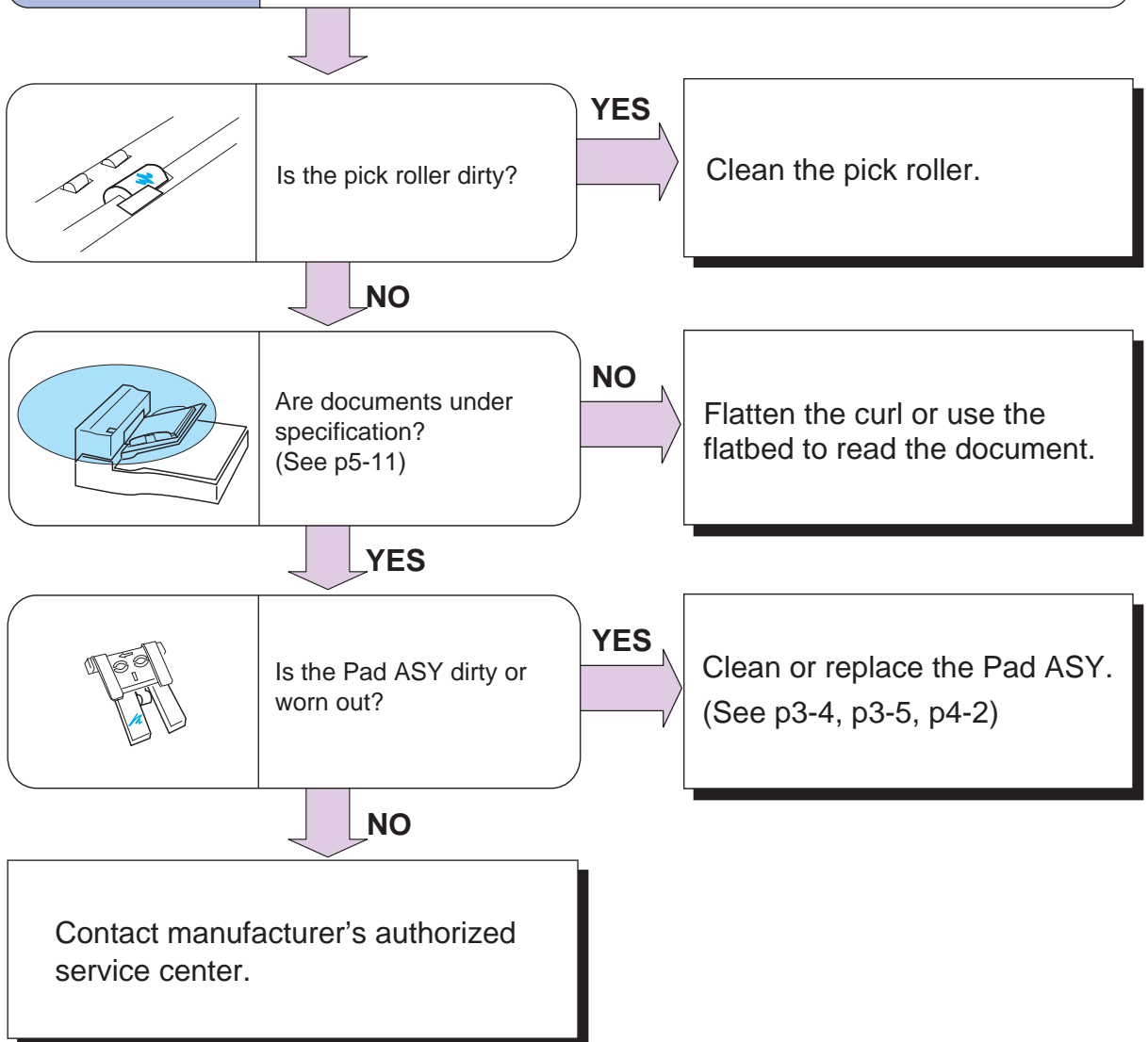
YES

Activate the test mode (p5-17) and inform manufacturer's authorized service center of the error status.

Symptom 7

"Check" lamp blinks at 4 seconds intervals.

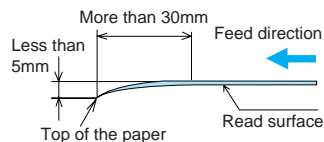
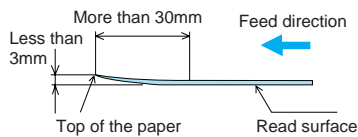
■ Check



NOTES

NOTE

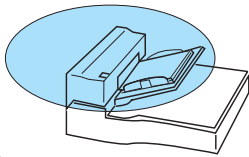
- Remove paper clips and staples. Flatten the staple holes.
- Read the following documents using the flatbed.
 - Paper with a clip or staple.
 - Paper that has ink which is not dry.
 - Paper thickness is not constant, such as an envelope.
 - Paper that has large rumples or curl.
 - Paper that has folds or tears.
 - Tracing paper.
 - Coating paper.
 - Carbon paper.
 - Paper that is smaller than A6 size or larger than A4 width.
 - Items other than paper, such as clothes, metal sheet, or OHP film.
 - Photographic paper.
 - Paper that has perforations on its side.
 - Paper that has a shape other than square.
 - Paper that is very thin.
- Set the paper so that the top of it is curled as shown below.



- Do not mix different width documents.

Symptom 8

Paper double feed occurs frequently.

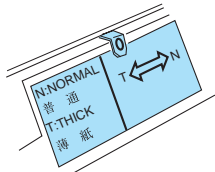


Does the condition of the document satisfy the requirements on page 5-11.

NO

Flatten the curl or use the flatbed to read the document.

YES

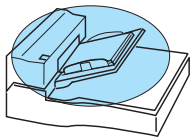


Is the plain paper read with the select lever set to "T"?

YES

Set the select lever to "N".
(See p2-3)

NO

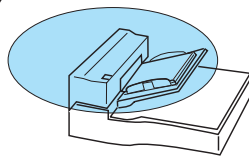


Are the documents fanned and angled before loading on the ADF paper chute?

NO

Fan and angle the documents before loading according to the procedure on the pages 2-3 and 2-4.

YES

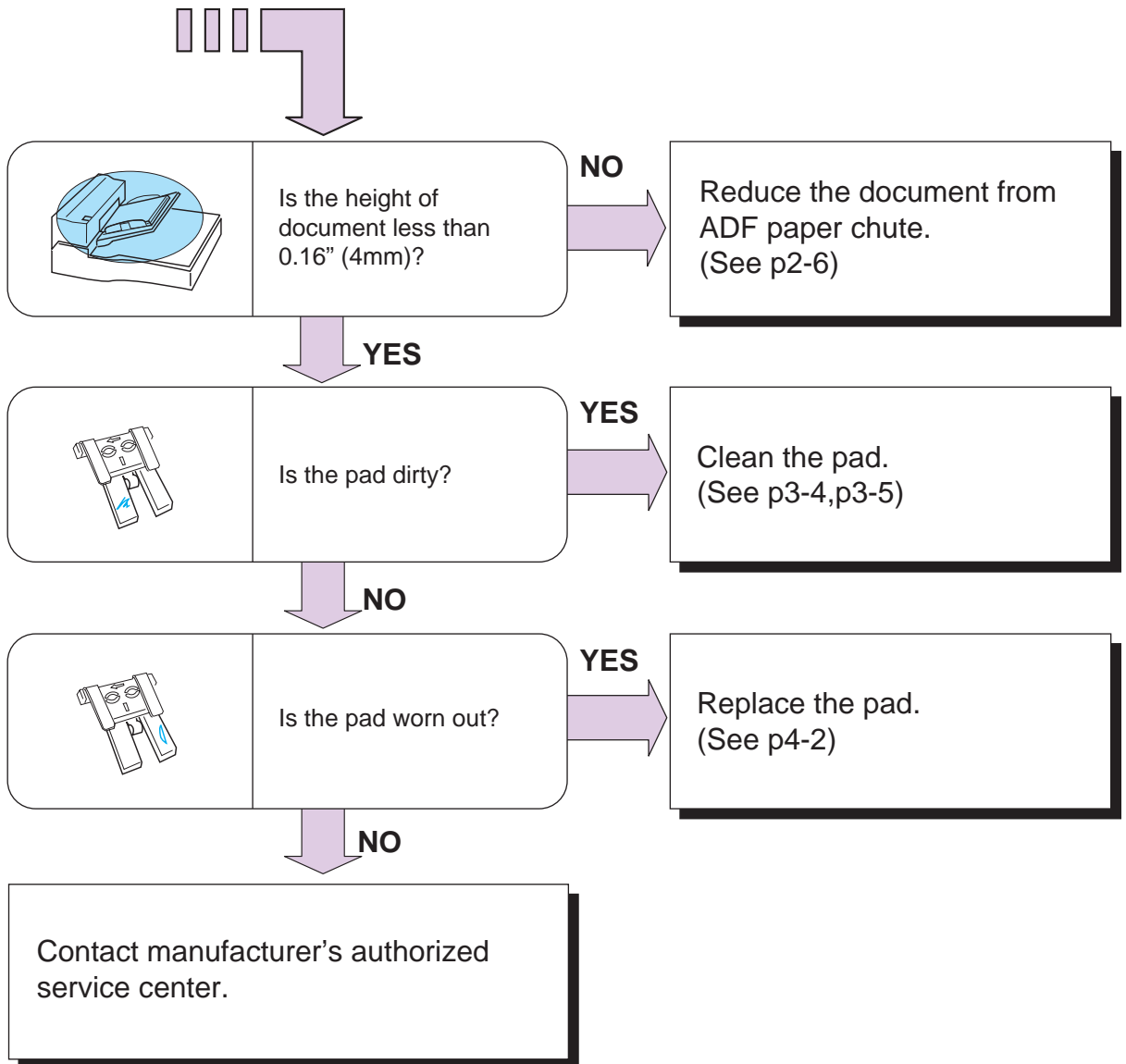


Is the paper printed by copier or laser printer recently?

YES

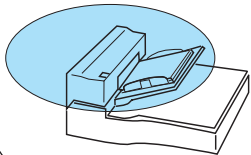
Fan 3 or 4 times to remove the static charge applied on paper.

NO



Symptom9

Miss pick occurs frequently.

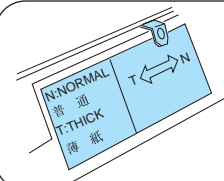


Does the condition of the document satisfy the requirements on page 5-11.

NO

Flatten the curl or use the flatbed to read the document.

YES

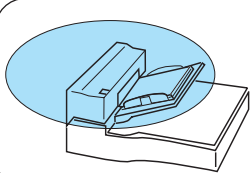


Is the heavy paper read with the select lever set to "N"?

YES

Set the select lever to "T".
(See p2-3)

NO

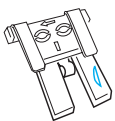


Are the documents fanned and angled before loading on the ADF paper chute?

NO

Fan and angle the documents before loading according to the procedure on the pages 2-3 and 2-4.

YES

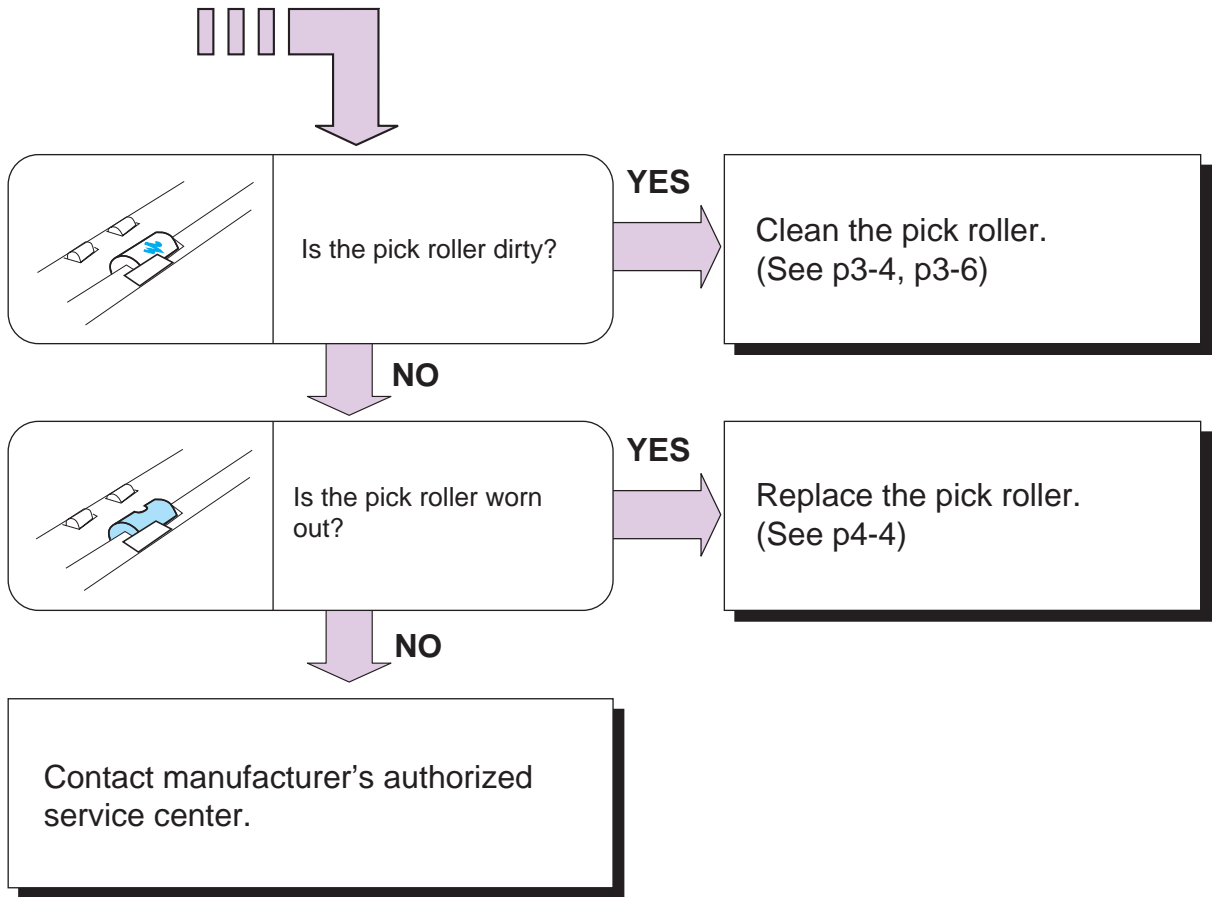


Is the Pad ASY installed correctly?

NO

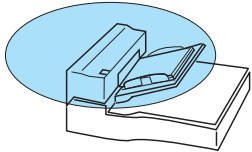
Install it correctly.
(See p4-2)

YES



Symptom 10

Paper jam occurs frequently.

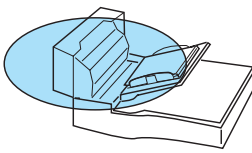


Does the condition of the document satisfy the requirements on page 5-11.

YES

Flatten the curl or use the flatbed to read the document.

NO



Is there any foreign particles in the ADF?

YES

Clean the ADF (See p3-4) or remove the foreign particles.

NO

Contact manufacturer's authorized service center.

Test Mode for Maintenance

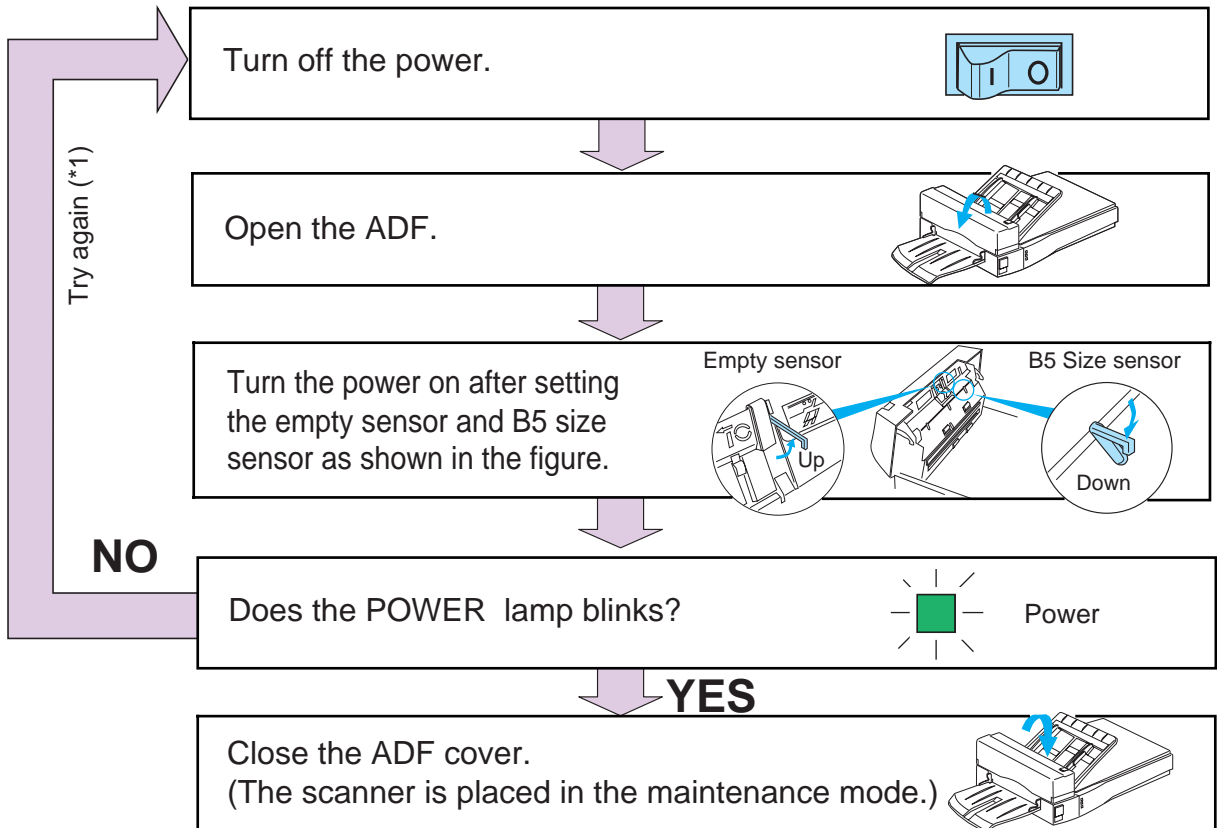
If the CHECK indicator lights up, activate the test mode and inform your sales or support agent or Fujitsu service representative of the error status.



CAUTION

If an operation other than described here is performed, the scanner may malfunction. Activate the test mode and follow the procedure only for the error status.

Activating a test mode



*1 Do not perform any other operation this time. Immediately turn the power off when the POWER lamp does not blink.

Activating the continuous operation test

Open the ADF and close it again. If no document is loaded on the ADF within five seconds after closing the ADF, the image scanner runs in flatbed mode. If documents are loaded on the ADF within five seconds after closing the ADF, the image scanner continuously feeds the document from ADF. Once the image scanner starts reading documents in flatbed mode, it does not feed documents from ADF even if documents are loaded on the ADF.

Ending the test in flatbed mode

To stop the carrier movement in flatbed mode, open the ADF. If the ADF is opened, the POWER lamp starts blinking immediately after the carrier returns to the home position.

Ending the test in ADF mode

If the ADF hopper is empty, feeding documents from the ADF ends. To restart feeding, open the ADF and close it again. Then load documents on the ADF paper chute within five seconds after closing the ADF.

LED status on error

If an error occurs during the test, the LED indicates as shown in the following table.

LED indicates \ Errors Status	Paper jam	Carrier unit error	Front optical system error	Back optical system error	Motor fuse failure	Lamp fuse failure
Power	■	⚡	⚡	⚡	⚡	⚡
Read	□	□	□	⚡	■	■
Check	⚡	■	⚡	■	■	⚡

 NOTE



Blink



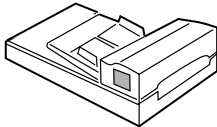
On



Off

Problem Checklist

Before contacting the manufacture's authorized service center, please fill in the following items.

<div style="background-color: #0056b3; color: white; padding: 5px;"> ■ General </div>																																													
Model		(Example) M3093DE																																											
Part number		(Example) CA02939-4202																																											
Serial number		(Example) 900002																																											
Manufactured data		(Example) 1996-07																																											
Version	<table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td>A</td> <td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td> </tr> <tr> <td>B</td> <td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td> </tr> <tr> <td>C</td> <td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td> </tr> </table>											A	0	1	2	3	4	5	6	7	8	9	B	0	1	2	3	4	5	6	7	8	9	C	0	1	2	3	4	5	6	7	8	9	<p>The version is printed on the version label located at the left of the rear of the equipment.</p> <p>The version is checked with the double line.</p> <p>This example is for A2 version.</p>
A	0	1	2	3	4	5	6	7	8	9																																			
B	0	1	2	3	4	5	6	7	8	9																																			
C	0	1	2	3	4	5	6	7	8	9																																			
Date of purchase																																													
Symptoms																																													
Persistent problem?																																													
Serviced before (when and how)?																																													
Error status at test mode. (See p5-18)																																													
<div style="background-color: #0056b3; color: white; padding: 5px;"> ■ Transport error </div>																																													
Type of document.																																													
What is your daily usage?																																													
Date of last cleaning.																																													
Date of the consumable replacement.																																													
<div style="background-color: #0056b3; color: white; padding: 5px;"> ■ Image error </div>																																													
Interface controller model																																													
Software/application name																																													
Can you send the original and output of sheet by facsimile or by mail?																																													



Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>