

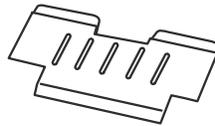
fi-5900C & fi-5950 CONSUMABLE
REPLACEMENT AND CLEANING INSTRUCTIONS



CONSUMABLES LIST

Description	Qty	Life	Fujitsu P/N
Pad	1	600,000	PA03450-K014
Pick Rollers	1 Set	600,000	PA03450-K011
Brake Roller	1	600,000	PA03450-K013
Separation Rollers	1 Set	600,000	PA03450-K012

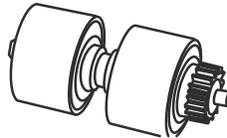
Pad



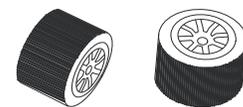
Pick Rollers



Brake Roller



Separation Rollers

**Note:**

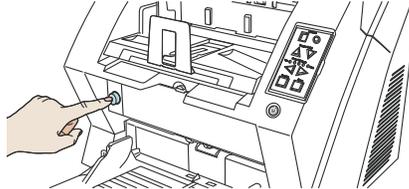
To insure the longest possible consumable life, it is strongly recommended that all the consumables listed above be replaced at the same time. *Not replacing all the consumables at the same time will decrease the life of the consumables.*

NCR or Carbonless paper has chemical composition which damages the consumables listed above. Cleaning of these items will be needed more frequently to avoid feed problems. Also their life will be reduced if this paper is scanned.

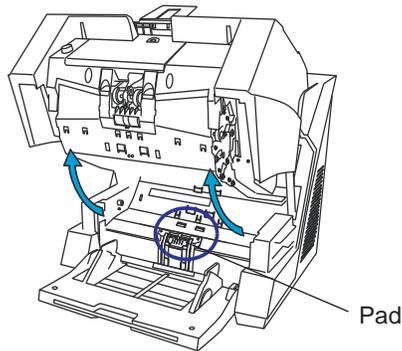
REPLACING THE PAD

Multiple feeds and misfeeds can be caused by a worn or improperly installed Pad. The life span of the Pad Assembly is approximately 600,000 pages. If NCR or carbonless paper is used the life span of the Pad may be decreased by half.

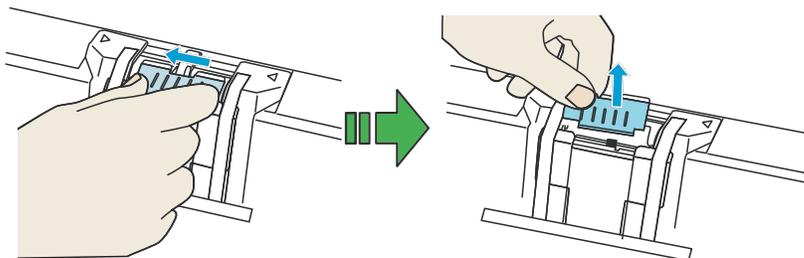
- Make sure there is no paper in the stacker.
- Press the ADF Cover Open Button.



Note:
The cover opens slowly on it's own.

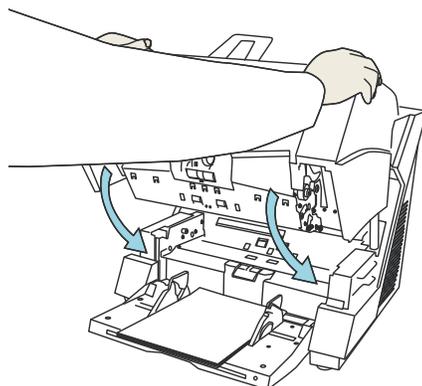
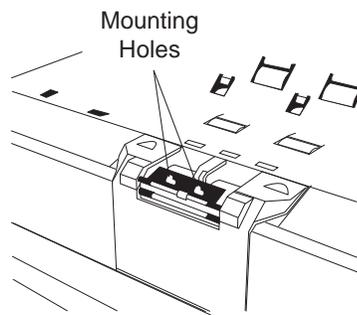
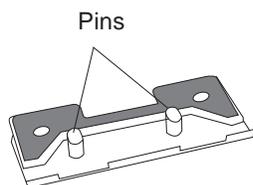


- Move the Pad to the left, then pull it up in order to remove it from the scanner.



REPLACING THE PAD (CONT.)

- To install the new Pad, align the pins on the back of the Pad with the large side of the mounting holes and move the Pad to the right.

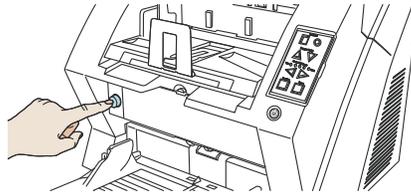


- Close the ADF Cover.
- Reset the Pad Counter in the Software Operation Panel.

REPLACING THE PICK ROLLERS

Worn, defective, or improperly installed Pick Rollers will cause misfeeds and paper jams. The Pick Rollers have an approximate life of 600,000 pages. If NCR or carbonless paper is used the life span of the Pick Rollers may be decreased by half.

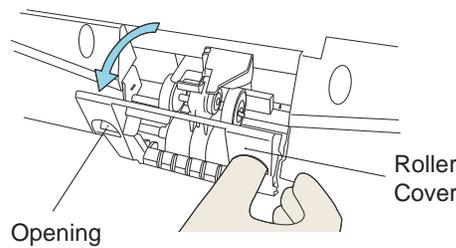
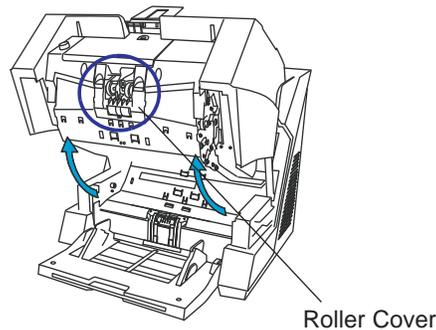
- Make sure there is no paper in the stacker.
- Press the ADF Cover Open Button.



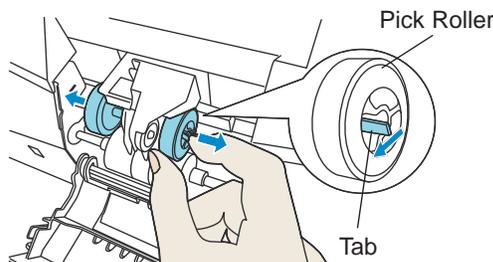
Note:

The cover opens slowly on it's own.

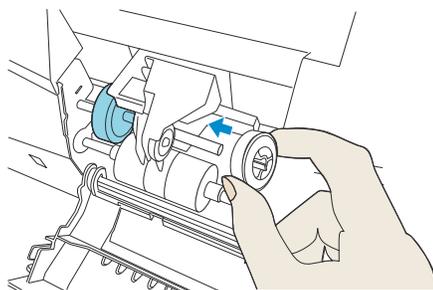
- Open the Roller Cover by placing your fingers in either of the openings of the cover and pulling out.



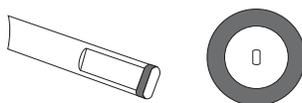
- Pull out on the tab that locks the Pick Roller in place in the direction of the arrow and slide the Pick Roller off the shaft.
- Repeat the procedure above to remove the second Pick Roller.



REPLACING THE PICK ROLLERS (CONT.)

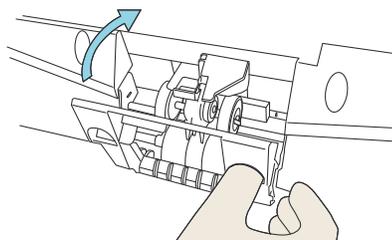


- Install the new Pick Rollers by aligning the hole in the rollers with the roller shaft.

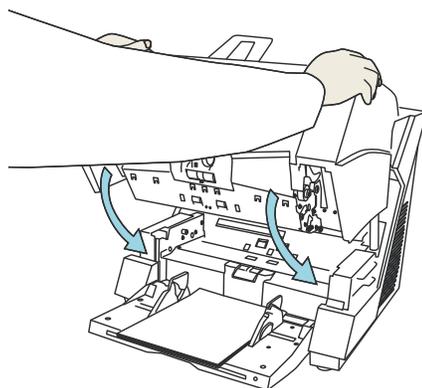


Note:

The roller shaft and the hole in the Pick Rollers are keyed and will only slide on in one orientation.



- Close the Roller Cover.

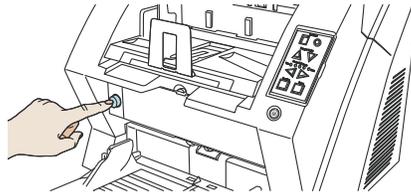


- Close the ADF Cover.
- Reset the Pick Roller Counter in the Software Operation Panel.

REPLACING THE SEPARATION ROLLERS

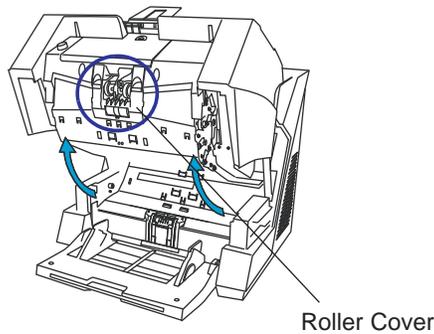
Worn or improperly installed Separation Rollers will cause multiple feeds and paper jams. The Separation Rollers have an approximate life of 600,000 pages. If NCR or carbonless paper is used the life span of these rollers may be decreased by half.

- Make sure there is no paper in the stacker.
- Press the ADF Cover Open Button.

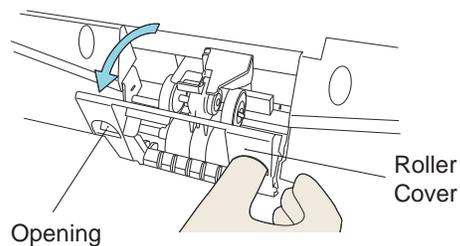


Note:

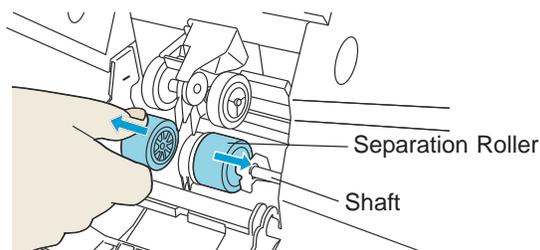
The cover opens slowly on its own.



- Open the Roller Cover by placing your fingers in either of the openings of the cover and pulling out.



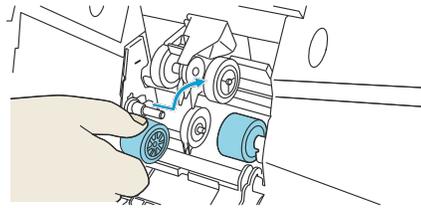
- Slide the two Separation Rollers outwards in the direction of the arrows.



Note:

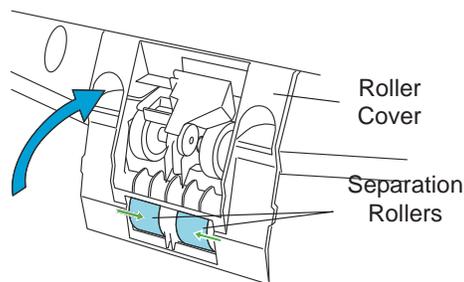
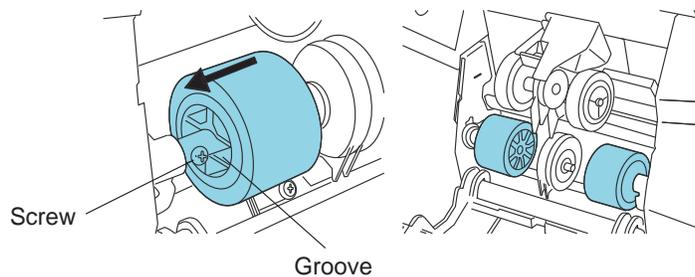
The shafts will automatically lock in place when moved outward.

REPLACING THE SEPARATION ROLLERS (CONT.)



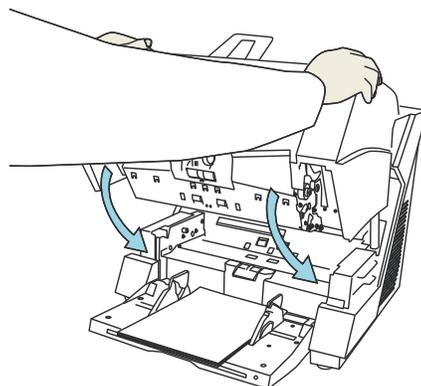
- Remove the two Separation Rollers by sliding them inwards and off the shafts (in the direction of the arrow).

- Install the Separation Rollers by sliding them on to each shaft, aligning the groove on the roller with the screw on the shaft.



- Close the Roller Cover.

Note:
The Separation Rollers will automatically spring to their proper position.

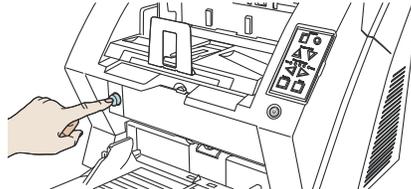


- Close the ADF Cover.
- Reset the Separator Roller Counter in the Software Operation Panel.

REPLACING THE BRAKE ROLLER

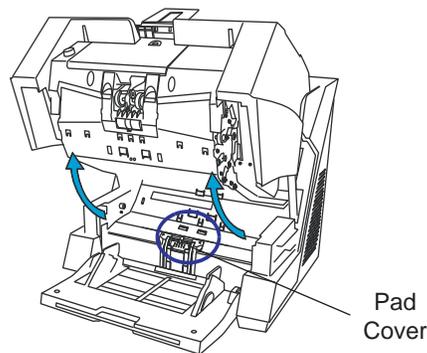
A worn or improperly installed Brake Roller will cause multiple feeds and paper jams. The Brake Roller has an approximate life of 600,000 pages. If NCR or carbonless paper is used the life span of the Brake Roller may be decreased by half.

- Make sure there is no paper in the stacker.
- Press the ADF Cover Open Button.

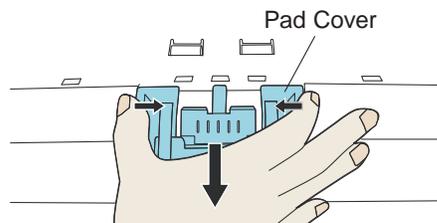


Note:

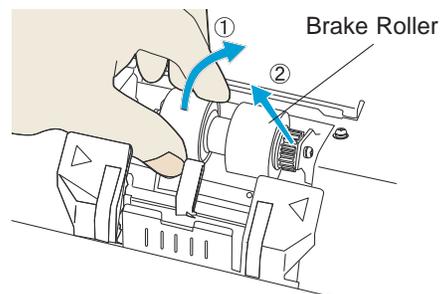
The cover opens slowly on it's own.



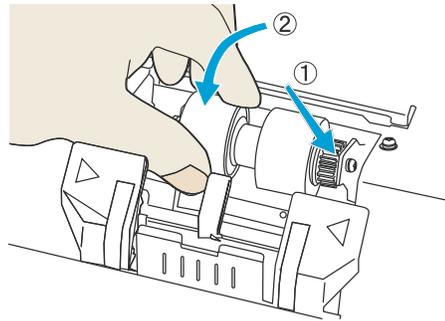
- Open the Pad Cover by grabbing both sides of the cover, pressing in and then pulling out as shown in the drawing to the right.



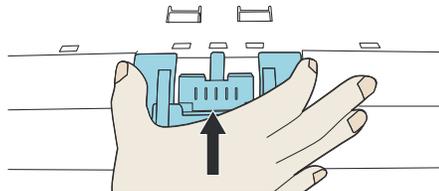
- Remove the Brake Roller by lifting up on the left side first and then removing the right side of the shaft from it's mounting hole.



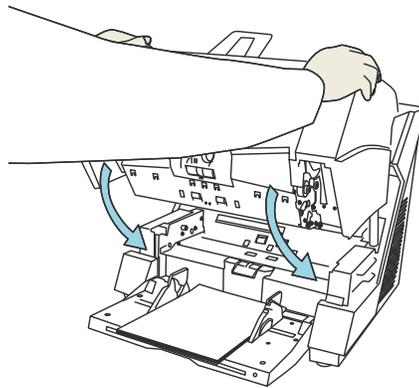
REPLACING THE BRAKE ROLLER (CONT.)



- Install the new Brake Roller by inserting the right end of the shaft into the mounting hole, then place the left end into the mounting bracket.



- Close the Pad Cover.



- Close the ADF Cover.
- Reset the Brake Roller Counter in the Software Operation Panel.

CHECKING AND RESETTING THE CONSUMABLE COUNTERS

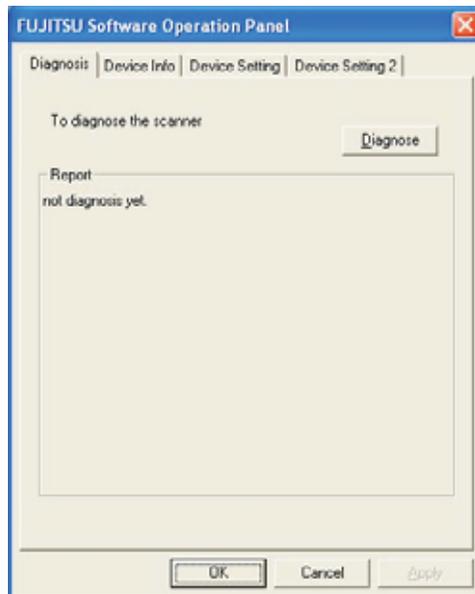
The following instructions show you how to check the life count of each consumable and also how to reset the counter after the consumables have been replaced. **To insure accurate consumable life tracking, it is very important to reset the consumable counters every time consumables are replaced.**

CHECKING CONSUMABLE COUNTS

- Turn on the scanner and confirm it is communicating properly to your PC.
- From the **START MENU**, select **ALL PROGRAMS/SCANNER UTILITY FOR MICROSOFT WINDOWS/SOFTWARE OPERATION PANEL**.

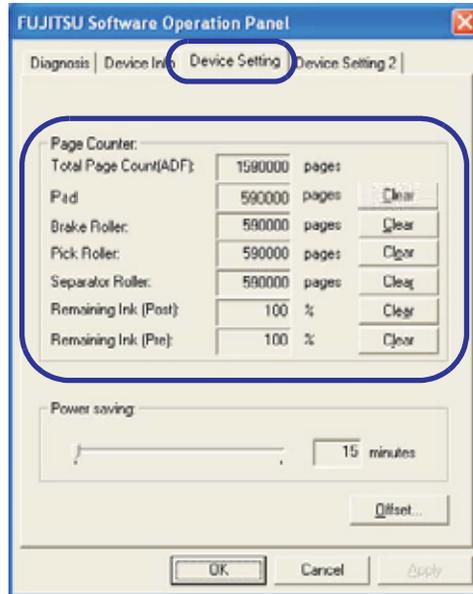


- The **SOFTWARE OPERATION PANEL** opens.



CHECKING AND RESETTING THE CONSUMABLE COUNTERS (CONT.)

- Select the **DEVICE SETTINGS** Tab.



The screen above displays the Life Count of the Scanner and the number of pages scanned by each consumable.

Counter	Description
Total Page Count(ADF)	Pages scanned by the fi-5900C Scanner.
Pad	Number of pages scanned since the Pad was replaced.
Brake Roller	Number of pages scanned since the Brake Roller was replaced.
Pick Roller	Number of pages scanned since the Pick Rollers were replaced.
Separator Roller	Number of pages scanned since the Separation Rollers were replaced.

Note:

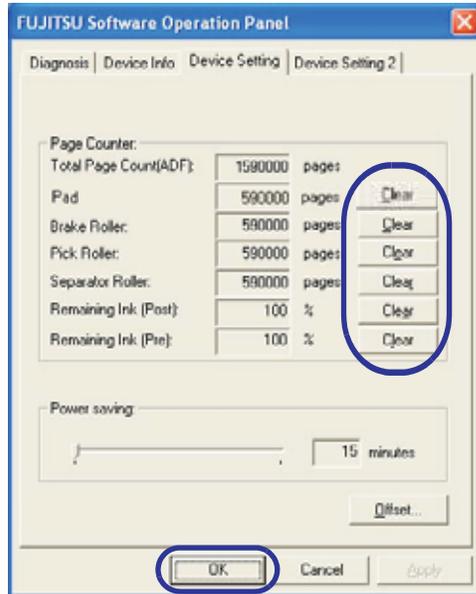
For the consumable counters to be accurate, they must be reset when the consumables are replaced.

CHECKING AND RESETTING THE CONSUMABLE COUNTERS (CONT.)

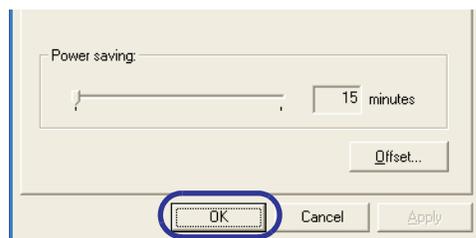
RESETTING THE CONSUMABLE COUNTERS

Once consumables are replaced, it is very important to reset the Consumable Counters. This will allow the user to accurately track the page count of each consumable.

- Click the **CLEAR BUTTON** beside the replaced consumable.



- At the confirmation screen below, click on the **OK BUTTON**. The consumable count will be reset to "0".



CLEANING LOCATIONS AND FREQUENCIES

Location	Tools	Frequency
Pad	Cloth & F1 Cleaner	Every 10,000 Sheets
Pick Rollers	Cleaning Sheets Cloth & F1 Cleaner or Isopropyl Alcohol	Every 10,000 Sheets
Brake Roller		
Separation Rollers		
Upper Pinch Rollers	Cleaning Sheets Cloth & F1 Cleaner or Isopropyl Alcohol	Every 10,000 Sheets
Lower Feed Rollers (Rubber) *		
Lower Feed Rollers (Metal)	Cloth with F2 Cleaner	Every 10,000 Sheets
Transport Path	Cleaning Sheets Cloth & F1 Cleaner or Isopropyl Alcohol	Every 10,000 Sheets
Glass Areas		
Skew Detection Sensors		
Document Sensors		

*** IMPORTANT NOTE!**

If you have Rubber Lower Feed Rollers it is very important to clean them with F1 Cleaner only! Using F2 Cleaner will damage the rollers. The end-user will be responsible for replacing the rollers.

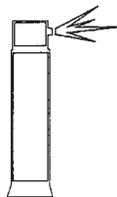
Note:

The scanner will need to be cleaned more frequently than stated above if the following paper is scanned.

- Paper with special coating such as carbonless paper (NCR).
- Paper with large amount of printing. (Heavy toner or ink)
- Paper filled in with Pencil.
- Documents containing a large amount of calcium carbonate.
- Documents with toner that is not fused properly.

CLEANING KIT

F1 Cleaner



F2 Cleaner



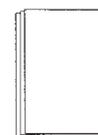
Cotton Swabs



Lint Free
Cleaning Cloths



Cleaning Sheets



CLEANING THE ROLLERS WITH THE CLEANING SHEETS

The cleaning sheets are designed to remove only loose paper dust and ink from the rollers. Use them approximately every **10,000** sheets scanned. They are to be used in between the thorough cleanings of the scanner.

Using the cleaning sheets does not take the place of the more complete cleanings described later in this section

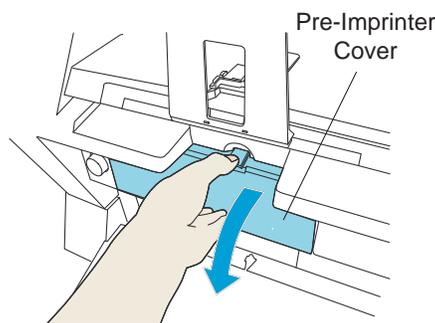
- Turn off the scanner.
- Access the Offline Feed Test by following the steps below.

① Open the Pre-Imprinter Cover

② While pressing the Scanner

SCAN BUTTON , press the

POWER BUTTON  to turn the scanner on.



Note:

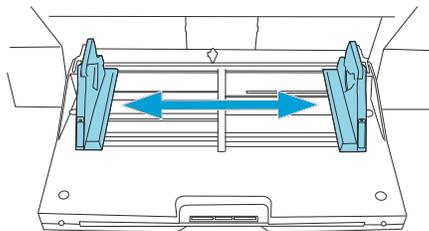
The scanner Function Number Display will display the items to the right.



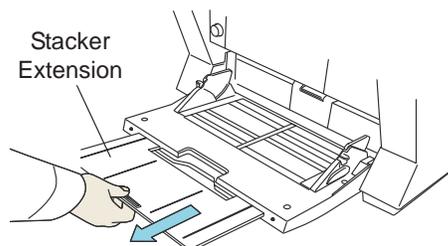
③ Stop pressing the **SCAN BUTTON**.

④ Close the Pre-Imprinter Cover.

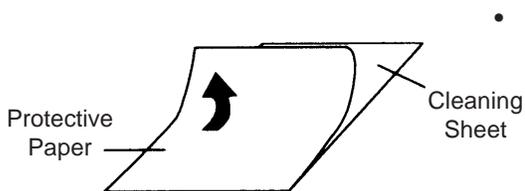
- Set the Hopper Guides to the B4 width.



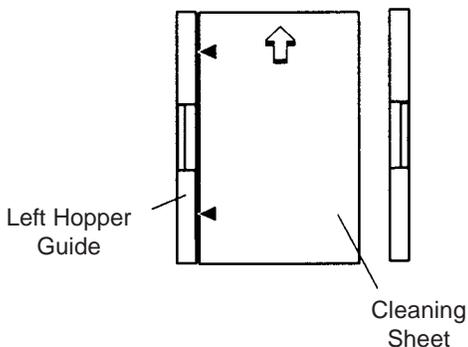
- Pull out the Stacker Extension and adjust it to the length of the cleaning sheet.



CLEANING THE ROLLERS WITH THE CLEANING SHEETS (CONT.)

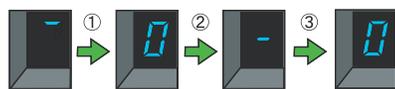


- Remove the protective paper from the cleaning sheet.

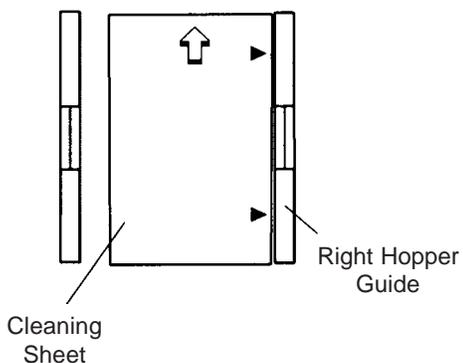


- Place the cleaning sheet on the Hopper against the Left Hopper Guide, adhesive side up to clean the Upper Transport Path.

- Press the Scanner **SCAN** BUTTON



- The Function Number Display will change as shown to the left and the cleaning sheet is fed through the scanner.



- Place the same cleaning sheet on the Hopper against the Right Hopper Guide, adhesive side up.

- Press the Scanner **SCAN**



- The cleaning sheet is fed through the scanner.

- Repeat the previous steps with the adhesive side face down to clean the lower Transport Path.

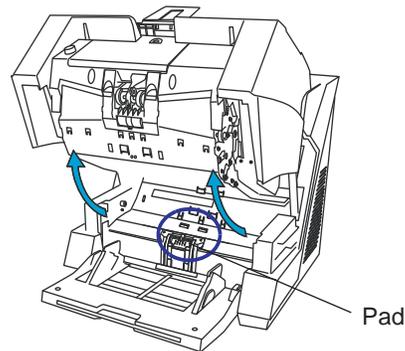
CLEANING THE CONSUMABLE FEED COMPONENTS

It is very important to clean the scanner consumables on a regular basis to avoid mis-picking, double feeding and paper jam problems. These items should be cleaned every 10,000 sheets. **More frequent cleaning will be required if scanning paper with a large amount of printing, documents filled out in pencil, or carbonless multipart forms.**

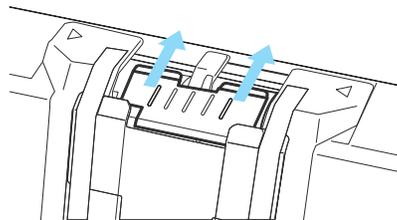
Note:

Proper cleaning of the Pad, Pick Rollers, Brake Roller and Separation Rollers will increase the life of each component.

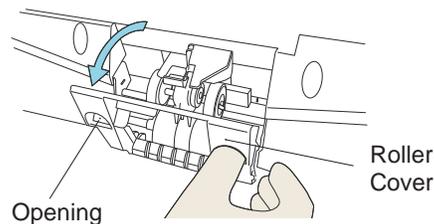
- Open the ADF Cover.



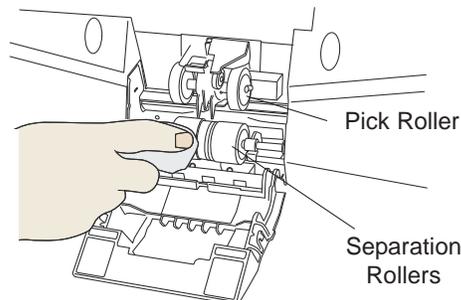
- Wipe the rubber parts of the Pad with a lint free cloth moistened with F1 Cleaner or isopropyl alcohol in the direction of the arrows.



- Open the Roller Cover.

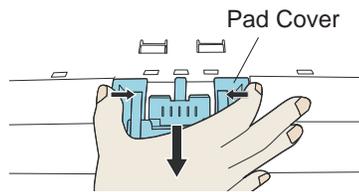


- Clean the Pick Rollers and the Separation Rollers with a lint free cloth moistened with F1 Cleaner or isopropyl alcohol .

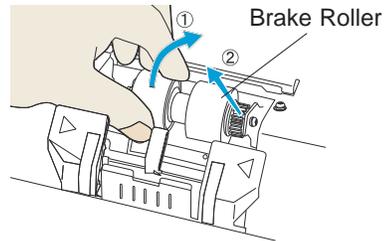


- Close the Roller Cover after the cleaning is completed.

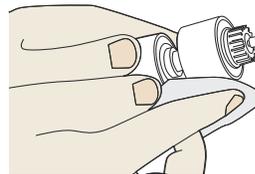
CLEANING THE CONSUMABLE FEED COMPONENTS (CONT.)



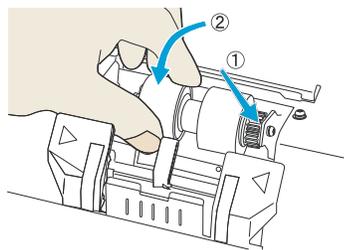
- Open the Pad Cover.



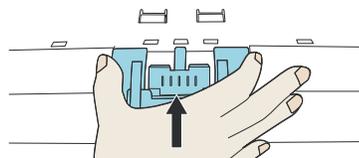
- Remove the Brake Roller by lifting up on the left side first and then removing the right side of the shaft from its mounting hole.



- Clean the rubber surface of the Brake Roller using a lint free cloth moistened with F1 Cleaner or isopropyl alcohol.



- Reinstall the Brake Roller after cleaning.



- Close the Pad Cover.

Notes:

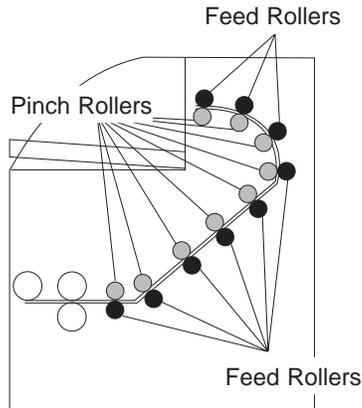
Do not use F2 Cleaner on the Pad, Pick Rollers, Separation Rollers, and Brake Roller.

CLEANING THE PINCH AND FEED ROLLERS

It is very important to clean the scanner pinch and feed rollers on a regular basis to avoid paper feeding problems. These rollers should be cleaned every 10,000 sheets. **More frequent cleaning will be required if scanning paper with a large amount of printing, documents filled out in pencil, or carbonless multipart forms.**

Roller Types

The fi-5900C and fi-5950 Scanners have nine sets of Pinch and Feed Rollers with two rollers on each shaft. The Pinch Rollers are the upper set of rollers (grey rollers in drawing to the right). The Feed Rollers are the lower set of rollers (black rollers in the drawing to the right).



NOTE!

- The fi-5900C Scanner can have either **Rubber** or **Metal** Feed Rollers installed. It is very important to know what rollers are installed because the fluids used to clean the different type of rollers is different.
- All fi-5950 Scanners have **Rubber** Feed Rollers installed.

Identifying Rubber Rollers

- Any fi-5900C Scanner, Serial Number 100001 and above has Rubber Rollers installed.
- Any scanner that was upgraded to Rubber Rollers will have a "Rubber Roller Label installed on the front of the scanner.

The table below lists the cleaners for each roller type.

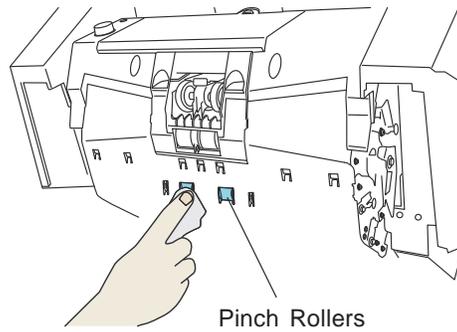
Location	Tools	Frequency
Upper Pinch Rollers	Cleaning Sheets Cloth & F1 Cleaner or Isopropyl Alcohol	Every 10,000 Sheets
Lower Feed Rollers (Rubber) *		
Lower Feed Rollers (Metal)	Cloth with F2 Cleaner	Every 10,000 Sheets

* IMPORTANT NOTE!

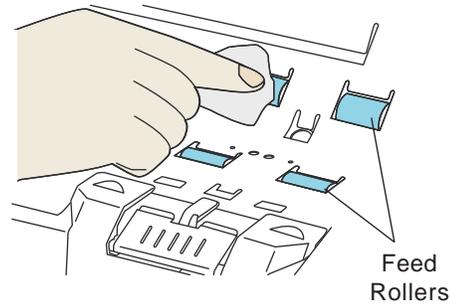
If you have Rubber Lower Feed Rollers it is very important to clean them with F1 Cleaner only! Using F2 Cleaner will damage the rollers. The end-user will be responsible for replacing the rollers.

Notes:

- After cleaning the rollers make sure the cleaning fluid has dried completely before feeding paper.
- Do not use F2 Cleaner on the Upper Pinch Rollers.

CLEANING THE PINCH AND FEED ROLLERS (CONT.)

- Clean the Pinch Rollers on the upper side of the transport path with a lint free cloth moistened with F1 Cleaner or isopropyl alcohol.



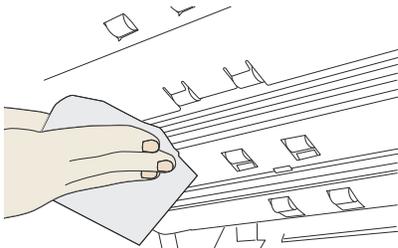
- If you have a scanner with **Metal Feed Rollers**, clean the rollers on the lower side of the transport path with a lint free cloth moistened with F2 Cleaner.
- If you have a scanner with **Rubber Feed Rollers**, clean the rollers on the lower side of the transport path with a lint free cloth moistened with F1 Cleaner or isopropyl alcohol.
- Allow the rollers to dry.
- Close the ADF Cover.

CLEANING THE TRANSPORT PATH AND SENSORS

Keeping the transport path clean will avoid paper feeding issues and the marking of scanned paper. Clean sensors will also cut down on paper jamming and false error messages.

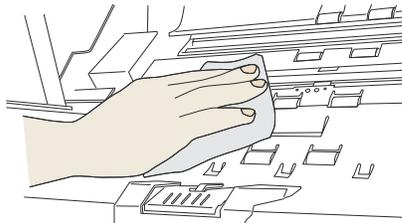


Open the ADF Cover.



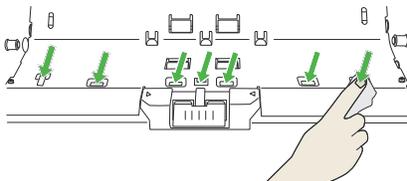
Upper Transport Path

- Clean the whole transport path (stainless steel and glass) using a lint free cloth moistened with F1 Cleaner or isopropyl alcohol.



Lower Transport Path

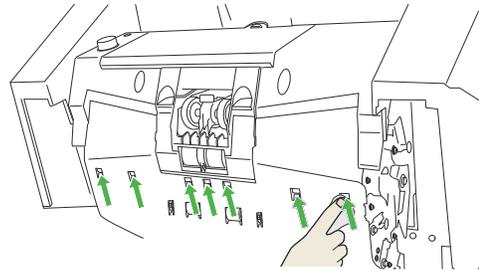
- If the transport path contains a large amount of paper dust, use a vacuum cleaner to clean.



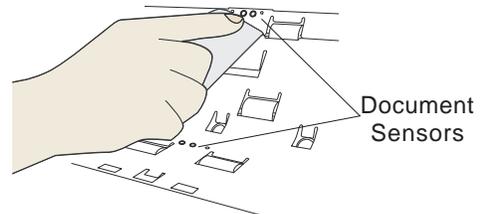
- Clean the Skew Detection Sensors on the lower transport path using a lint free cloth moistened with F1 Cleaner or isopropyl alcohol.

CLEANING THE TRANSPORT PATH AND SENSORS (CONT.)

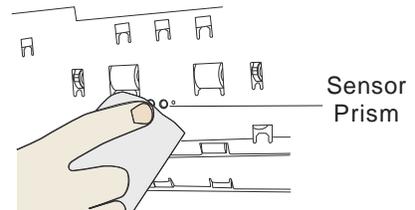
- Clean the Skew Detection Sensors on the upper transport path using a lint free cloth moistened with F1 Cleaner or isopropyl alcohol.



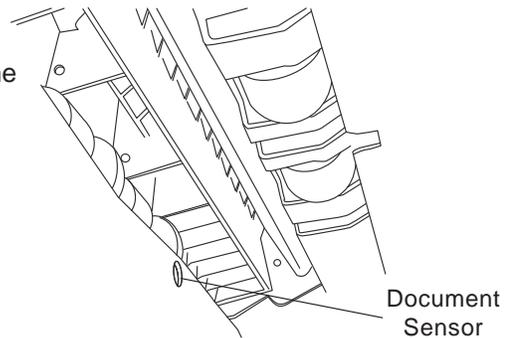
- Clean the Document Sensors on the lower transport path using a lint free cloth moistened with F1 Cleaner or isopropyl alcohol.



- Clean the Sensor Prism on the upper transport path using a lint free cloth moistened with F1 Cleaner or isopropyl alcohol.



- Clean the Document Sensor that is located very high on the upper transport path using a cotton swab moistened with F1 Cleaner or isopropyl alcohol.



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THE POSSIBILITIES ARE INFINITE
