Hitachi OCR Scanner HT-4139 Quick Guide

QG1 20100324

1.Panel Indication

(1)Normal condition

LED indication : ON lit : OFF unlit : blinking (rapidly) : blinking (slowly)

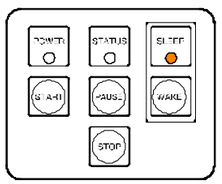
When power ON

	POWER	STATUS	SLEEP	
1	●	●	○	Just after power ON, the power LED and the Status LED will be lit for about 0.5 seconds (LED check mode).
2	○	○	○	The power LED and the Status LED will be OFF for about 0.2 seconds. （Initializing）
3	●	☼	○	The Status LED will blink rapidly. (During initialization, blink about 15～20 seconds.)

Under Operation

	POWER	STATUS	SLEEP	
4	●	☼	○	The Status LED will blink with slowly. (Waiting for commands from the host.)
5	●	○	○	The Status LED will be turn OFF. （On-line operation） Return to No.4. In case of unrecoverable error, the Status LED keeps light ON.

(2)Power save mode

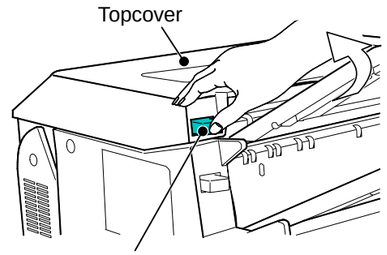


The power save mode LED (SLEEP) will be ON.

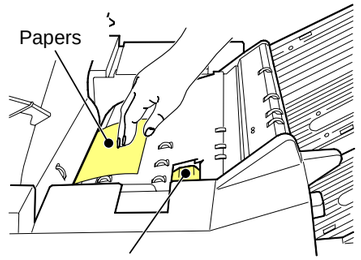
Restore process is the same as that of power on. For instruction manual, please refer to “Chapter3, Power save mode.”

2. Handling Paper Jam

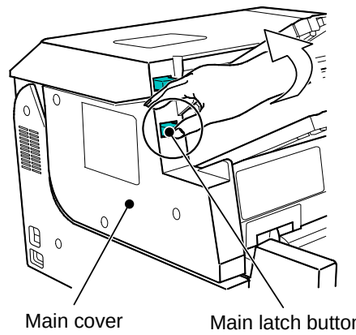
(1)Push the Top Latch button and open the Top Cover in the direction of the arrow.



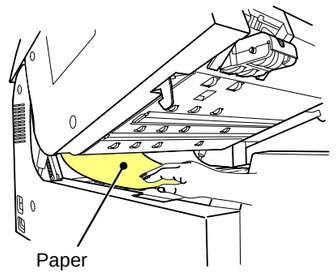
(2) Remove jammed papers.



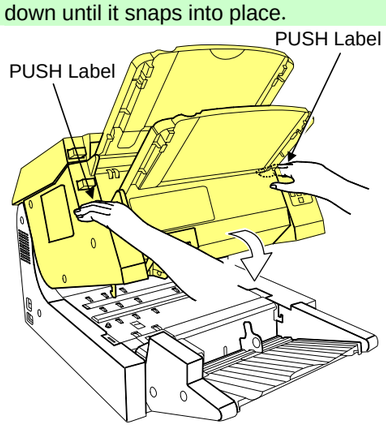
(3) If you do not see any papers, press the Main latch button and open the Main cover in the direction of the arrow.



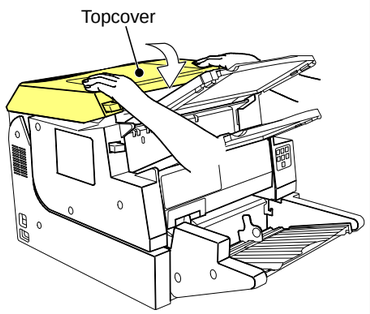
(4) Remove jammed papers in the paper feeder.



(5) Close the Main cover.
When you close the Main cover, push both labels with fingers and push the cover down until it snaps into place.

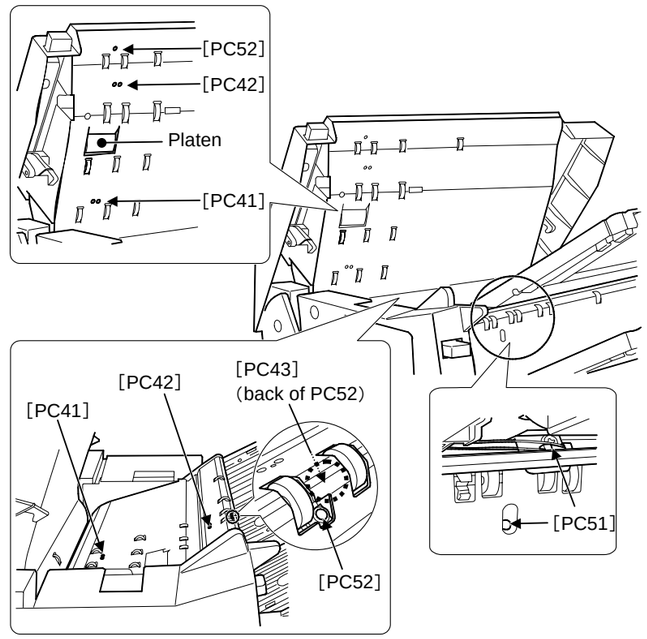


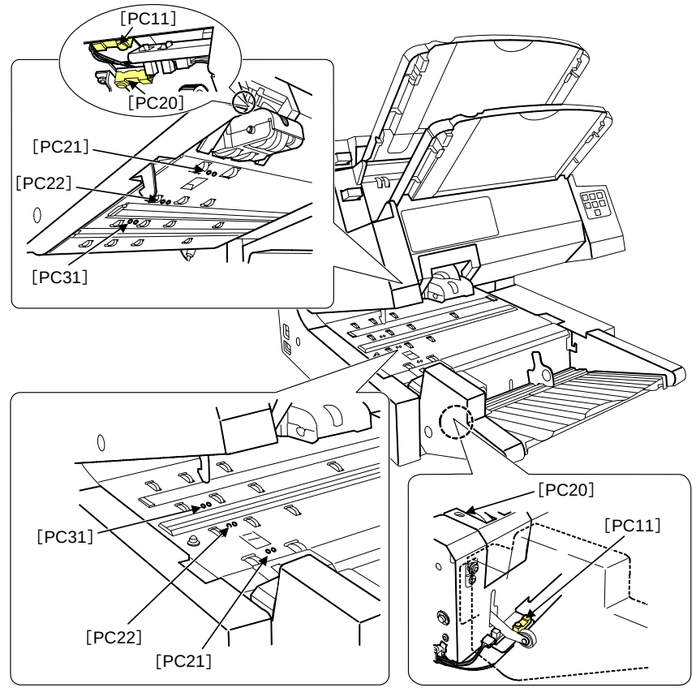
(6) When you close the top cover, push it down with both hands until it snaps into place.



3. Device Care before Daily Operation and When Errors Occur

Daily inspection and cleaning
Locations of major components such as detectors, platens and rollers

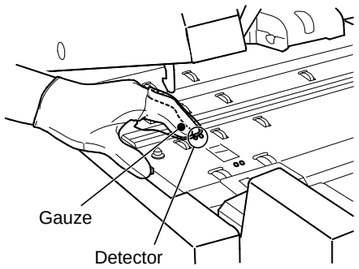




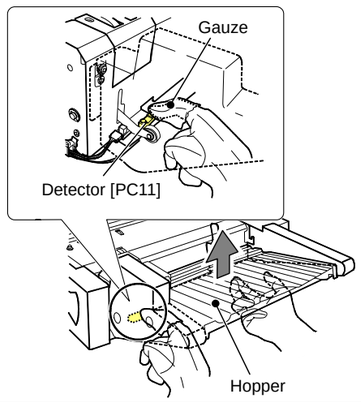
CAUTION: Put gloves or for protection of your hands and fingers.

3.1 Cleaning Detectors

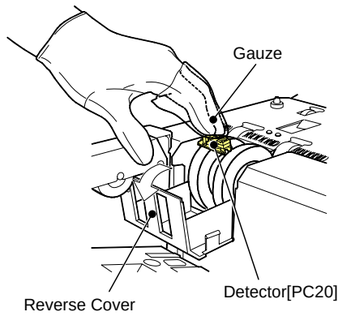
Detector［PC21］［PC22］［PC31］［PC41］［PC42］［PC51］［PC52］
Wrap gauze, wet cloth, etc. around fingers and clean parts as shown in the under.
Example Below: Cleaning parts PC22.



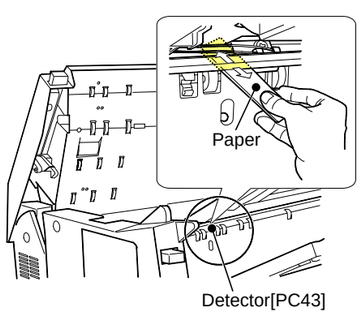
Detector［PC11］
(1) As indicated in the picture on the under, slide your fingers under the Hopper and push up.
(2) Wrap gauze, wet cloth, etc. around fingers and clean.



Detector［PC20］
Open the Reverse Cover
Wrap gauze, wet cloth, etc. around fingers and clean.

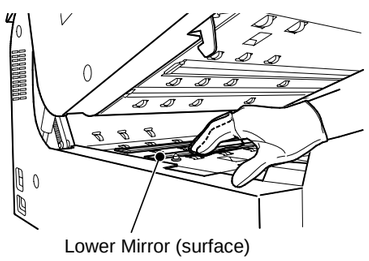


Detector［PC43］
Put Paper between the Rollers and clean them.
* PC43 is located below the R Stacker

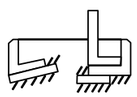


3.2 Lower Mirror (surface) and Cover Sheet (surface)

Clean with gauze.
If the inside of the Cover Sheet (surface) has dust or debris, remove the cover by following the procedure shown in the next picture and clean.



Remove dust from the area shown with ///

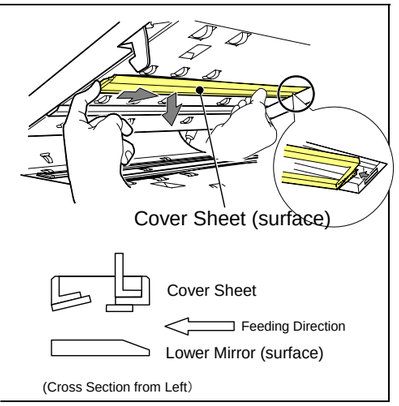


Cover Sheet (surface), Cross section
View from the up of the device.

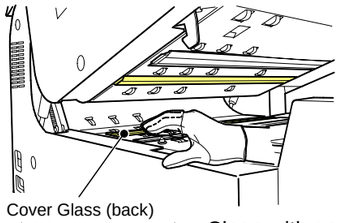
Remove Cover Sheet (surface)

(1) Put fingers at the left side of the Cover Sheet and shift it to the right with your left fingers and pull it down.
(2)Take the reverse step to attach the Cover Sheet (The direction is important. Please look at the picture on the left and attach it correctly. If attached incorrectly, the fluorescent lamp may get scratched.)

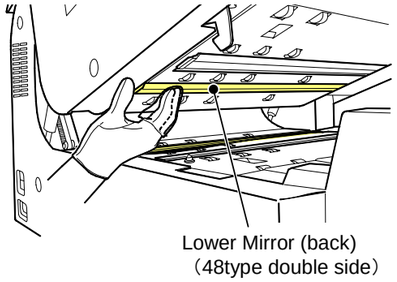
< REMARK >
When attaching the Cover Sheet (surface), hold it with both hands to avoid it from dropping.



3.3 Lower Mirror (back) and Cover Glass (back)

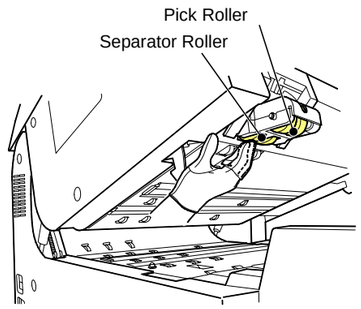


Clean with gauze.



3.4 Picker Roller and Separator Roller

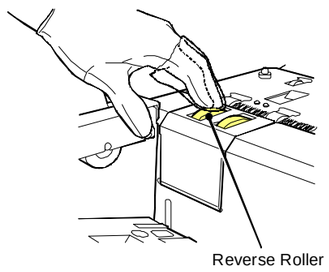
Clean with gauze or cloth.



(1)Clean dirty on the surface of the Pick Roller and the Separator Roller with gauze or cloth.
(2)Make sure to clean the entire Roller

3.5 Reverse Roller

Clean with gauze or cloth.



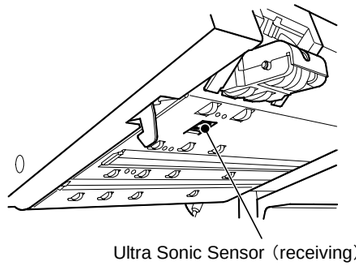
(1)Clean dirty on the surface of the Pick Roller and the Reverse Roller with gauze or cloth.
(2)Make sure to clean the entire Roller

3.6 Ultra Sonic Sensor

Clean with gauze or cloth.

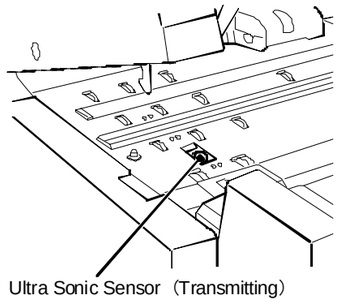
< REMARK >
Do not apply pressure when cleaning the Ultra Sonic Sensor. The sensor may shift from its set position and causes errors.
Do not apply solvents on the Sensor surface. The resin may transform, and it may decrease the performance of the Scanner.

Ultra Sonic Sensor (Receiving)



Clean the dirt on the surface of the Ultra Sonic Sensor (receiving)

Ultra Sonic Sensor (Transmitting)



Clean the dirt on the surface of the Ultra Sonic Sensor (transmitting)

4. Maintenance Parts

OCR scanners use fluorescent lamps to read and rollers to transfer/separate the paper. These parts may deteriorate with time and heavy usage and it may be the cause of errors. Preventive maintenance should be conducted to reduce the risk of these errors occurring.

If an error message related to component life appear, please contact a service personnel.