CHAPTER 18: MISCELLANEOUS PRECAUTIONS

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1. ROM Replacement

Switch off the power, remove the rear cover, and then replace the ROM on the main PCB.

* When replacing the ROM, it is not necessary to clear or set data.

2. Battery Replacement

Replace the battery on the main PCB with the power to the main unit switched on.

* Data may be lost if the power to the main unit is not switched on.

3. Main PCB Replacement

(1) Note down the following details before replacement.
- User mode
- Test mode setting change data

(2) Switch off the power and replace the Main PCB.

(3) Remove the battery, IC18 and ROM from the old Main PCB, and install them on the new Main PCB.

(4) Start Test mode.

(5) Run Test mode No. 80 (Jam clear).

(6) Run Test mode No. 81 (Memory clear).

(7) Run Test mode No. 82 (Test mode data setting clear).

(8) Disable the solenoid counter using Test mode No. 95 (Solenoid counter enable/disable setting). (when the solenoid counter must be disabled for replacement.)

(9) Run Test mode No. 588 (Print drum code) and enter print drum code currently set. (See page 16-18.)

(10) Run Test mode No. 557 (Inking).

(11) Run Test mode No. 450 (Paper width VR adjustment 105 mm) and Test mode No. 451 (Paper width VR adjustment 210 mm) in sequence.

(12) Enter the details noted down in step (1).

4. Ink Cartridge Set Switch PCB Replacement

(1) Pull out the print drum, and replace the Ink cartridge set switch PCB .

(2) Mount the print drum in the main unit.

(3) Start Test mode.

(4) Disable the solenoid counter using Test mode No. 95 (Solenoid counter enable/disable setting). (when the solenoid counter must be disabled for replacement.)

(5) Run Test mode No. 588 (Print drum code) and enter the print drum code currently set. (See page 16-18.)

(6) Run Test mode No. 557 (Inking).

(7) Switch on power again.

5. Print Position Adjustment

(1) Adjust master creation image elongation and shrinkage. (See page 13-20.)

(2) Adjust scanning image elongation and shrinkage. (See page 11-22 for flat bed unit, and page 12-24 for ADF unit.)

(3) Adjust the master clamp amount. (See page 13-20.)

(4) Adjust scanning start position. (See page 11-23 for flat bed unit, and page 12-22 for ADF unit.)

(5) Adjust the master making start position. (See 13-21.)

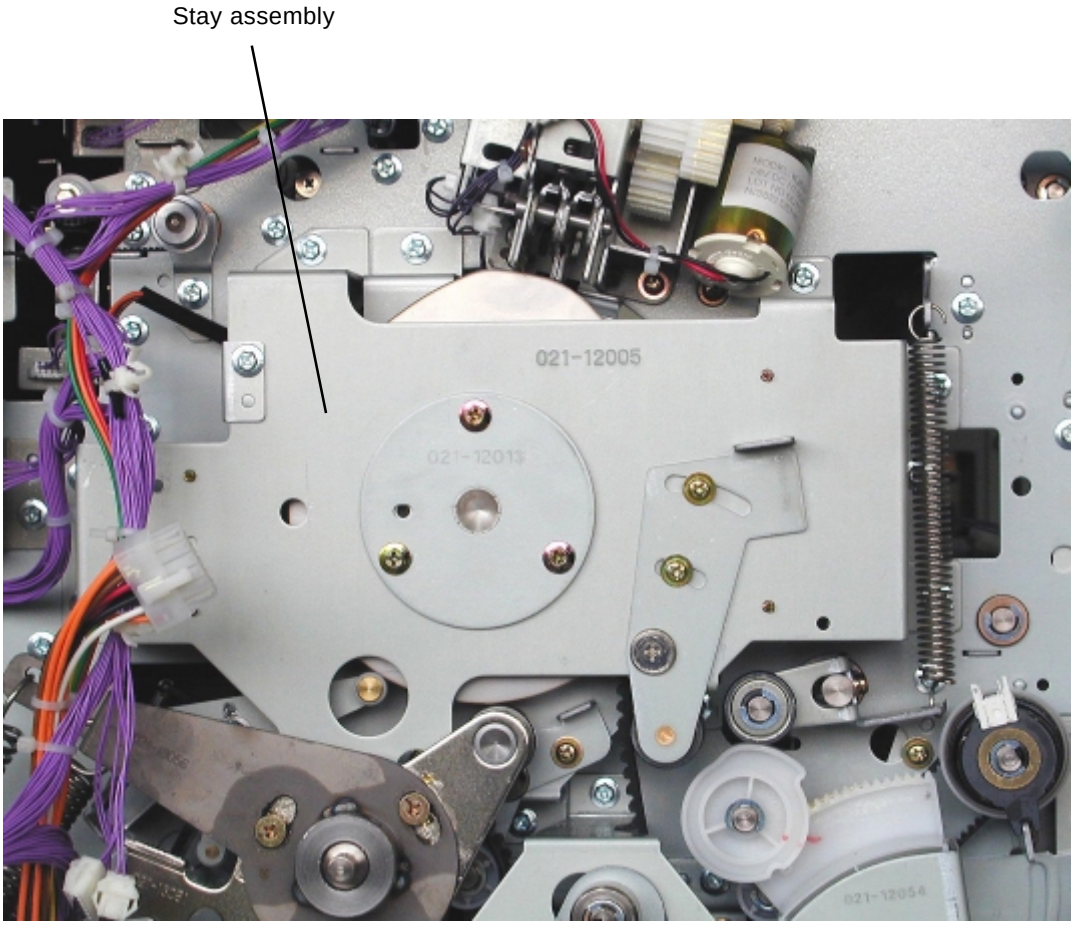
(6) Adjust the vertical print home position.

- If the print position is offset from the original even after performing adjustment steps (1) to (5), measure the offset, and adjust by the offset amount in Test mode No. 680 (Vertical print home position).

* The print position adjustment procedures assume that the mechanical sections, such as the main unit drive section, paper feed section, and print drum, have been correctly adjusted. Check and adjust the mechanical sections first.
Likewise, set the data for ADF section adjustment only after mechanically adjusting the flat bed unit.

6. Notes on Stay Assembly

The stay assembly on the main unit drive section is positioned using jigs during factory assembly. Do not loosen or remove the stay assembly mounting screws, as the stay cannot be repositioned once removed.



[Memo]