Model: Cattleya 2	Date: 26-Feb-01	No.: RB023001

Subject: Main ROM upgrade for Cattleya2	Prepared by: H. Matsui
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Classification:	☐ Troubleshooting	☐ Part information	☒ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Other ( )		

Symptom

Paper jams with the sorter stapler jogging function can occur under the following conditions:

1. When ST33 (20 bin S/S) is used with Cattleya 2 (B023).
   NOTE: If it is used for Cattleya 1(A257/A269), this will not occur.
2. When LT (11"X8 1/2") sideways is used when making 2 or more copies of an original.

Cause
The S/S main ROM software cannot compensate for the higher copy speed of Cattleya 2. The timing of the jogger function and paper feeding does not match that of Cattleya 2.

Solution
When installing the ST33 on Cattleya 2, replace the S/S main ROM with ver "G" or newer. The ROM version of the S/S main board can be viewed with copier SP7-801-005. The last digit (for example G) indicates the ROM version. Version G can also be used for Cattleya1. The part number of this new main ROM is A8315111.

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Program upgrade in mass production
The main ROM upgrade (ver G) has been applied from the first January 2001 production run for each S/S. The cut-in serial numbers are as follows:
A831-17: H141130001 (see NOTE-1).
A831-26: 3T60110001 (see NOTE-2).
A831-55: L0551XXXXXX (see NOTE-3).

NOTE
1. "H14" is the prefix number. The 4th digit refers to the production year (1 = 2001). The 5th and 6th digits refer to the production month (13=January, 14=February, ..., 23=November, 24=December).

2. "3T6" is the prefix number. The 4th and 5th digits refer to the production month (01=January, 02=February,........,11=November, 12=December). The 6th digit refers to the production year (1 = 2001).

3. "L055" is the prefix number, The 5th digit refers to the production year (1 = 2001) and the 6th and 7th digits refer to the production month (01=January, 02=February,........,11=November, 12=December). Because there are currently no A831-55 models in production, there is no cut-in S/N at the moment. Please note that although the Cattleya 2 has no Lanier model at present, there are cases in which A831-55 is used with models other than Lanier.

For the A831-17 model, machines with the following S/N have already been upgraded at the factory:

H1402400031
H1402400050
H1402400054 to 57
H1402400059 to 63
H1402400068 to 69
H1402400076
H1402400090
H1402400117 to 154

<<Service parts>>
Service parts will be changed as follows:

S/S main board: A8315100 to A8315110 interchangeability: X/O
EPROM: A8315103 to A8135111 interchangeability: X/O

NOTE: The new main board and EPROM can also be used for the S/S which is installed on the Cattleya 1.

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S/S main ROM replacement procedure

1. Remove the rear cover [A] (4 screws).

2. Replace the main ROM [B] with ver "G" or newer. The part number of this new main ROM is A8315111.

3. Confirm the ROM version with copier SP7-801-005. The last digit (for example G) indicates the ROM version.