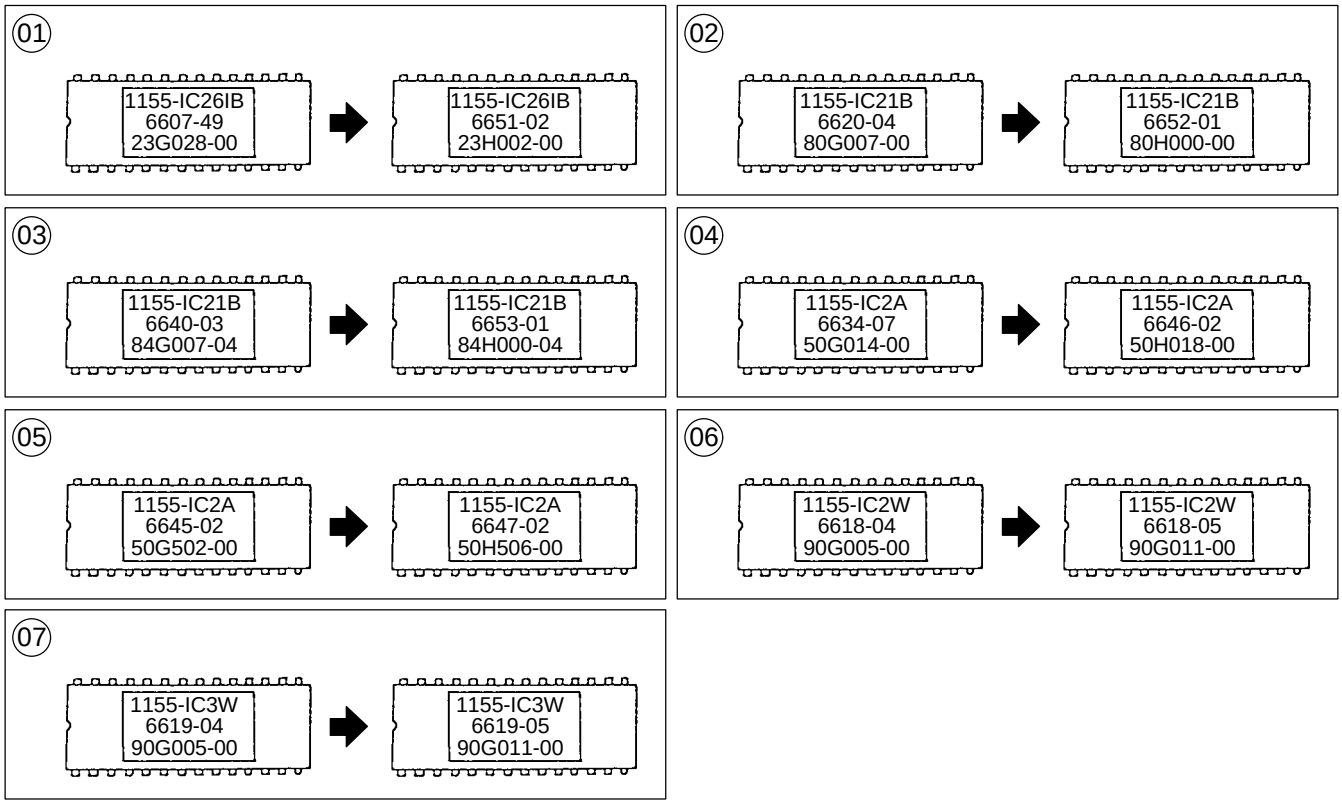
SERVICE BULLETIN

☐ PROBLEM	○ FUNCTION	○ SAFETY
	○ SERVICEABILITY	○ OTHERS
■ OTHERS	○ PERFORMANCE	○ CORRECTION
	○ SAFETY REGULATION	● OTHERS

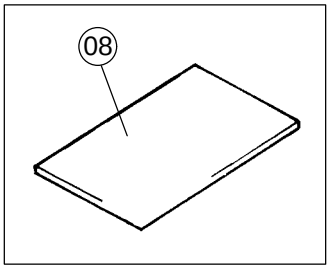
MODEL NAME : Di620
MODEL CODE : 1155
NO. : 033A
DATE : 990518
SUBJECT : PRINTING SPEED INCREASED

To increase the printing speed if the Di620 is used as a printer, the following modifications have been implemented.

1. The software program of the following ICs (01 to 07) has been changed.

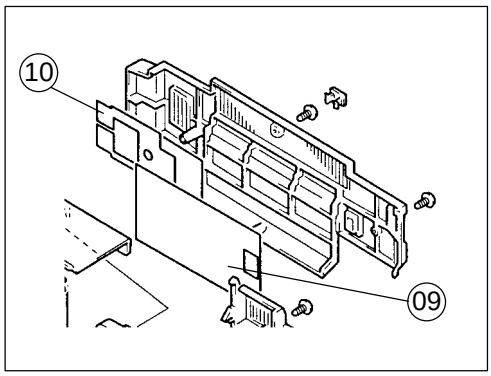


2. The software program of IC70B on P. W. Board-B has been changed. Due to this, the memory program of the memory card IC (08) has been changed.

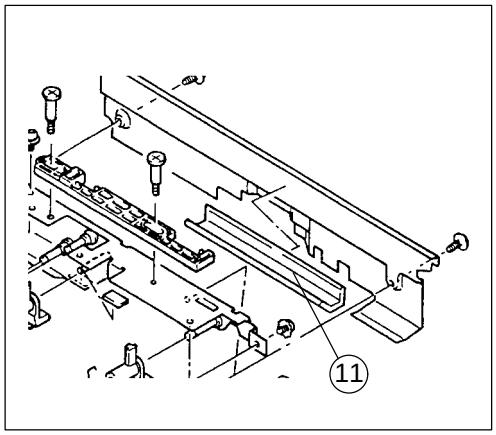


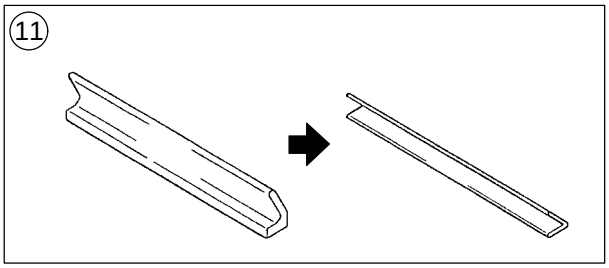
IC70 Version : 10G044-00 ➡ 10H001-00

3. The mats (09, 10) for shielding have been discontinued.

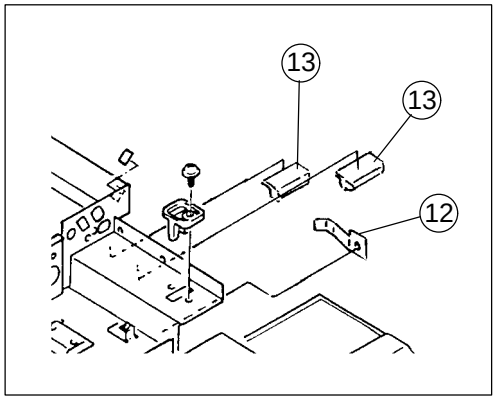


4. The shape of the shield (11) in the manual bypass section has been changed.



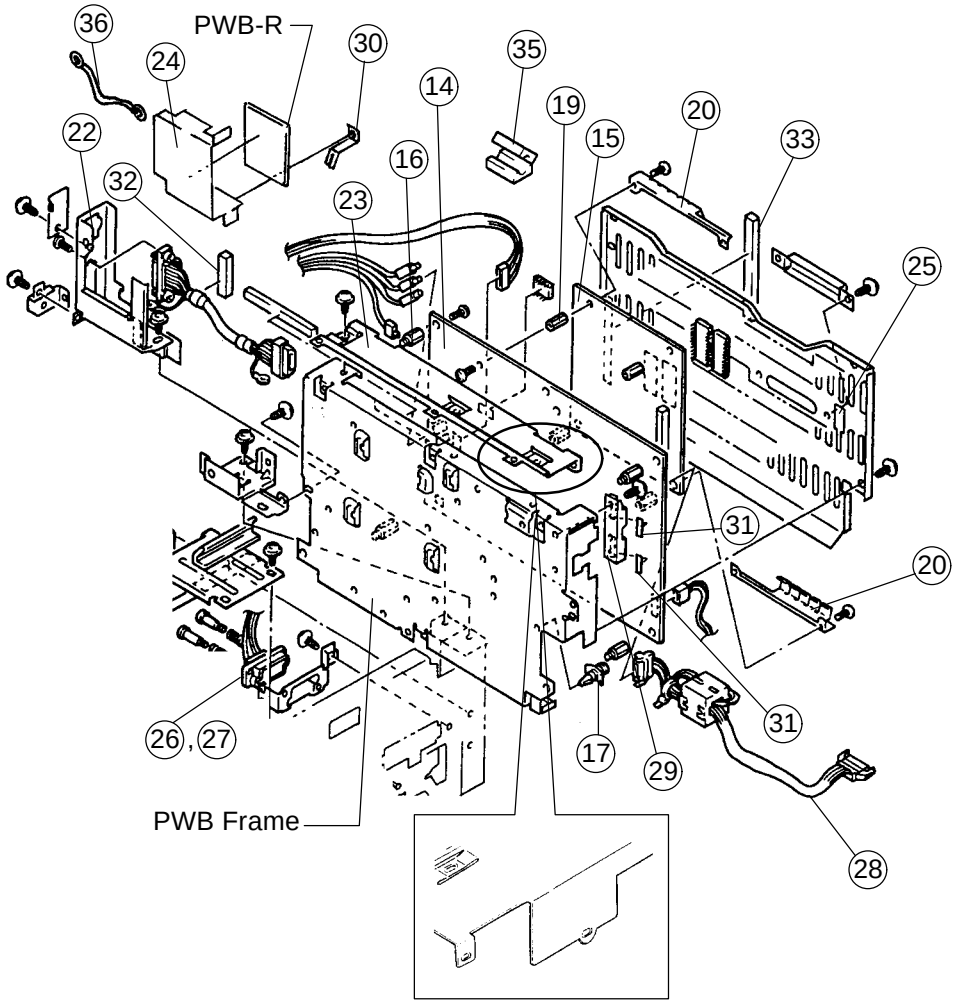


5. A plate spring (12) for grounding and shields (13) have been added in the duplex unit.

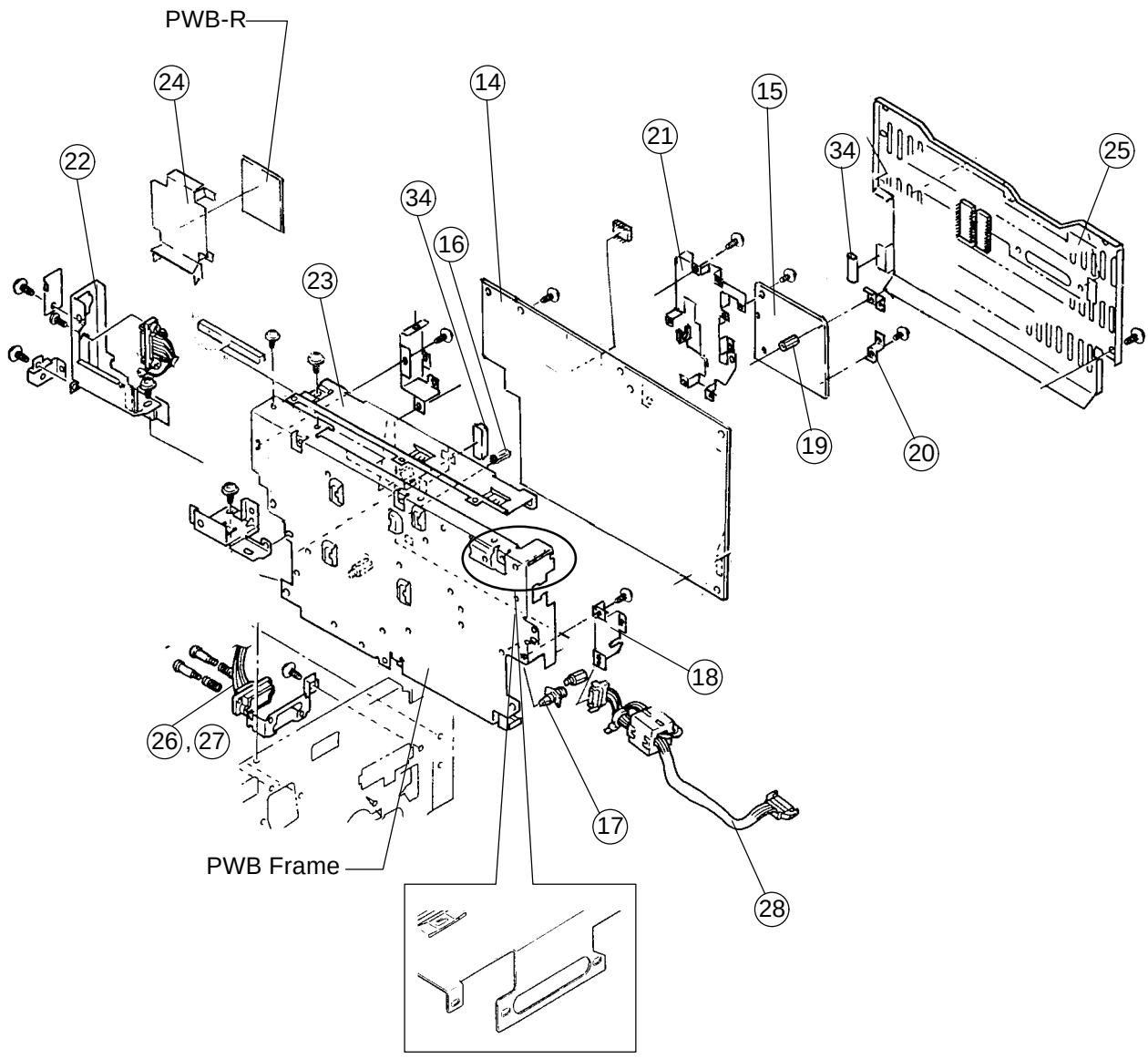


6. Some electrical parts have been added on P. W. Board-B (14) and P. W. Board-W (15).
7. The number of PWB supports (16) for PWB-B have been decreased by two. The number of other PWB supports (17) have been decreased by six and bracket (18) have been added instead.
8. The number of PWB supports (19) for PWB-W have been decreased by two. Instead, the shape of the bracket (20) for PWB-W has been changed and a bracket (21) has been added.
9. The shape of the PWB frame, connector bracket (22), brackets (23, 24) and PWB cover (25) has been changed.
10. The ferrite cores have been discontinued from the harnesses (26 to 28).
11. The plate spring (29, 30) for grounding, seal (31) and shields (32, 33) have been discontinued.
12. A shield (34) has been added.
13. The ferrite core (35) has been discontinued.
14. The grounding wire (36) is not necessary due to the PWB-B change. Therefore, the wire (36) has been discontinued.

Before Modification



After Modification



NO.	BEFORE MODI. F-IND	BEFORE MODI. PART NO.	AFTER MODI. PART NO.	AFTER MODI. F-IND	PART NAME	QTY →		I	SE/NO.	AREA
01	11-32CA	1155-6607-49	1155-6651-02	11-32CB	IC	1	1	N	009221	2705
02	36-03DA	1155-6620-04	1155-6652-01	36-03DB	IC	1	1	N	009221	2706
03	36-03BC	1155-6640-03	1155-6653-01	36-03BD	IC	1	1	N	009630	2713
04	36-78CA	1155-6634-07	1155-6646-02	36-78CB	IC	1	1	N	009221	2705
05	36-79CA	1155-6645-02	1155-6647-02	36-79CB	IC	1	1	N	009241	2705
06	36-63AC	1155-6618-04	1155-6618-05	36-63AD	IC	1	1	Y	009201	0000
07	36-62AC	1155-6619-04	1155-6619-05	36-62AD	IC	1	1	Y	009201	0000
08	46-35CA	1155-0753-04	1155-0756-01	46-35CB	JIG MEMORY CARD	1	1	N	009221	2705
09	02-29CA	1155-2459-01			MAT	1		–	009221	2705
10	02-30CA	1155-2458-01			MAT	1		–	009221	2705
11	14-47CA	1155-6211-01	1155-6233-01	14-47CB	SHIELD	1	1	N	009221	2705
12			1155-3938-01	26-25CA	PLATE SPRING		1	N	009221	2705
13			1155-6235-01	26-26BA	SHIELD		2	N	009221	2705
14	36-02CA	1155-0102-15	1155-0142-01	36-02CB	PW BOARD-B	1	1	N	009221	2705
15	36-01CA	1155-0121-04	1155-0136-01	36-01CB	PW BOARD-W	1	1	N	009221	2705
16	36-55CA	9384-1710-91	9384-1710-91	36-55CB	PWB SUPPORT	4	2	–	009221	2705
17	36-40CA	9384-1920-11	9384-1920-11	36-40CB	PWB SUPPORT	18	12	–	009221	2705
18			1155-2472-01	36-75CA	BRACKET		1	N	009221	2705
19	36-64CA	9384-1710-11	9384-1710-11	36-64CB	PWB SUPPORT	4	2	–	009241	2705
20	36-58CA	1155-2450-01	1155-2476-01	36-58CB	BRACKET	2	2	N	009221	2705

NO.	BEFORE MODI. F-IND	BEFORE MODI. PART NO.	AFTER MODI. PART NO.	AFTER MODI. F-IND	PART NAME	QTY →	I	SE/NO.	AREA
21			1155-2475-01	36-76CA	BRACKET	1	N	009221	2705
22	36-16CA	1155-2422-03	1155-2479-01	36-16CB	BRACKET	1 1	N	009221	2705
23	36-56CA	1155-2445-02	1155-2474-01	36-56CB	BRACKET	1 1	N	009221	2705
24	36-70AA	1155-2435-02	1155-2477-01	36-70AB	BRACKET	1 1	N	009221	2706
25	36-65CA	1155-2412-02	1155-2471-01	36-65CB	COVER	1 1	N	009221	2705
26	36-50AB	1155-6840-15	1155-6840-26	36-50AC	HARNESS	1 1	N	009201	0000
27	36-50BB	1155-6863-12	1155-6863-23	36-50BC	HARNESS	1 1	N	009221	0000
28	36-57CA	1155-6853-03	1155-6866-01	36-57CB	HARNESS	1 1	N	009221	2705
29	36-61CA	1155-2452-01			PLATE SPRING	1	–	009221	2705
30	36-73AA	1155-2454-01			PLATE SPRING	1	–	009221	2706
31	36-60CA	1155-2453-01			SEAL	2	–	009221	2705
32	36-09CA	1155-6222-01			SHIELD	1	–	009221	2705
33	36-67CA	1155-6223-01			SHIELD	1	–	009221	2705
34			1155-6234-01	36-77BA	SHIELD	2	N	009221	2705
35	36-68CA	9326-1010-51			FERRITE CORE	1	–	009221	2705
36	36-71AA	1155-6858-01			HARNESS	1	–	009221	2706

POSTSCRIPT: Due to the modifications for increasing the printing speed, modification and addition to the specifications and tech. rep. mode have been implemented. The following “Service Manual Additional Information” describes the above changes.

Di520/Di620

Service Manual Additional Information

CONTENTS

1. MAJOR CHANGES IN SPECIFICATIONS 2
2. DETAILS OF MAJOR CHANGES IN SPECIFICATIONS 3
(1) Starting number to be specified in nine digits for Page Numbering and the sheet with which to start printing the page number to be specified in two digits. 3
(2) New counters added to Meter Count 4
(3) New PM items 4
(4) User's Choice 5
(5) Tech. Rep. Choice 6
(6) Security Mode 8

1

1. MAJOR CHANGES IN SPECIFICATIONS

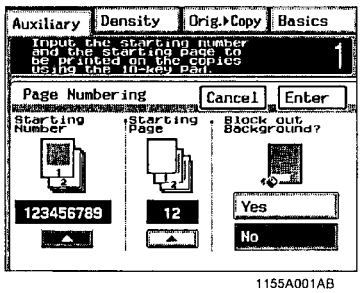
<table>
<tr><th>No.</th><th>Item</th><th>Old Di520/Di620 Specifications</th><th>New Di520/Di620 Specifications</th></tr>
<tr><td rowspan="3">1</td><td rowspan="3">Options</td><td>D-102</td><td>D-102, D-103 (Japan Only)</td></tr>
<tr><td>—</td><td>FN-102, FN-502</td></tr>
<tr><td>Hard Disk Drive Kit</td><td>Hard Disk Drive Kit
* Including 16MB Memory (A malfunction is detected if the 16MB Memory is not mounted.)</td></tr>
<tr><td>2</td><td>Print speed
* When used as a printer

1-to-1 print</td><td colspan="2">Old
<table><tr><th></th><th>Di520</th><th>Di620</th></tr><tr><td>A4C</td><td>35</td><td>35</td></tr><tr><td>A3L</td><td>16</td><td>16</td></tr></table>↓
New
<table><tr><th></th><th>Di520</th><th>Di620</th></tr><tr><td>A4C</td><td>52</td><td>62</td></tr><tr><td>A3L</td><td>31</td><td>35</td></tr></table></td></tr>
<tr><td>3</td><td>FN-3 Elevator Tray capacity
* Paper of the same size loaded both in the crosswise and lengthwise directions</td><td>500 sheets because the copier considers it as paper of different sizes</td><td>1,000 sheets</td></tr>
<tr><td>4</td><td>Book binding Z-fold
* 2-sided copies from 2-sided originals</td><td>1-sided copy for Z-folded paper</td><td>2-sided copy also for Z-folded paper</td></tr>
<tr><td>5</td><td>Basics screen → Auxiliary → Number Stamping → Page screen</td><td>Starting number in three digits</td><td>• The starting number can now be set in nine digits.
• The sheet with which to start printing the page number can now be set in two digits.</td></tr>
<tr><td>6</td><td>PM item:
Replacement of the Paper Exit Guide Plate Assy</td><td>Added in mid-mass production</td><td><table><tr><th>Di520</th><th>Di620</th></tr><tr><td>1280K</td><td>1200K</td></tr></table></td></tr>
<tr><td>7</td><td>Meter Count of Utility Mode</td><td>—</td><td>• Printer Total Counter added
• Printer Size Counter added</td></tr>
</table>

No.	Item	Old Di520/Di620 Specifications	New Di520/Di620 Specifications
8	User's Choice 1. Priority Offset Tray 6/6	—	Priority Offset Tray setting added
	2. Date Printing Format 3/6 (number of digits for Year)	2 digits only	Either 2 or 4 digits selectable
9	Tech. Rep. Mode 1. Tech. Rep. Choice A. System Set	—	• Function Limit setting added • Controller Type setting added
	2. Finisher A. Tech. Rep. Choice	—	Staple Tray Max. Papers setting added
	3. Counter A. PM	—	• Punch • Staple • Sort/Group
10	Security Mode	—	Admin. Unit setting added

2. DETAILS OF MAJOR CHANGES IN SPECIFICATIONS

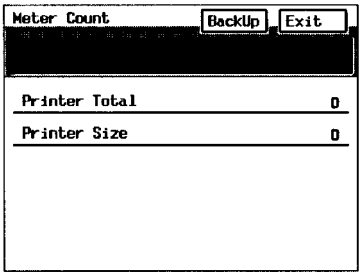
(1) The starting number can now be specified in nine digits for Page Numbering and the sheet with which to start printing the page number can be specified in two digits.



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(2) Two new counters have been added to Meter Count.

- Printer Total
- Printer size



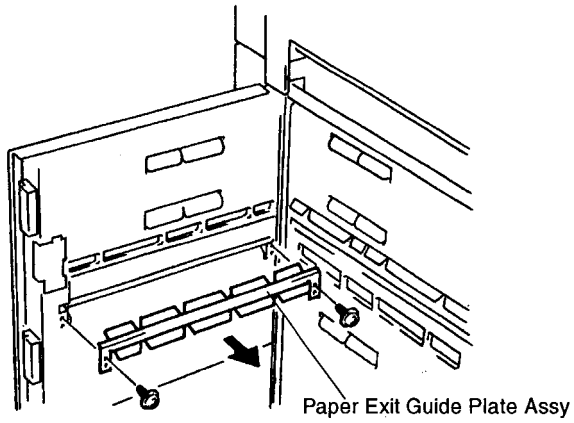
1155A002AB

(3) New PM items have been added.

- Replacement of the Paper Exit Guide Plate Assy
  1155-0755-01

Di520	Di620
1280K	1200K

- Removal of the Paper Exit Guide Plate Assy



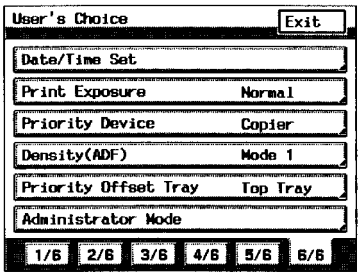
1155A015AB

(4) User's Choice

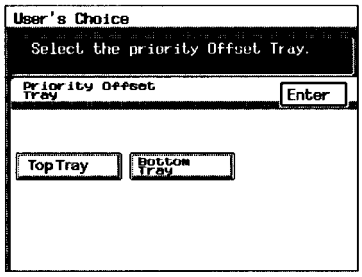
1. Priority Offset Tray has been added to p. 6/6.

- When the copier is equipped with an FN-3, the priority offset tray is to be selected, either the Top Tray (Non-Sort Tray) or Bottom Tray (Elevator Tray).
- If Top Tray is selected and its capacity is reached while a copy/print cycle is being run, the Bottom Tray (Elevator Tray) is automatically selected to accommodate the subsequent sheets of paper.
- Setting options (the default setting is highlighted):

Top Tray	Bottom Tray



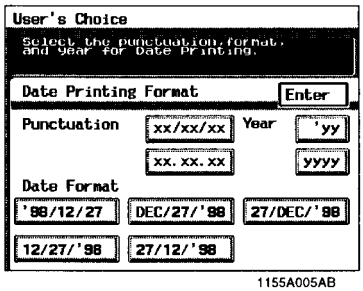
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2. Date Printing Format has been added to p. 3/6.

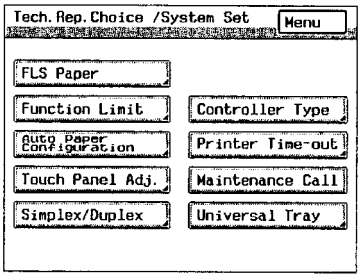
- The number of digits for the year can now be selected, either 2 or 4 digits.



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(5) Tech. Rep. Mode

1. "Function Limit" and "Controller Type" have been added to System Set of Tech. Rep. Choice.

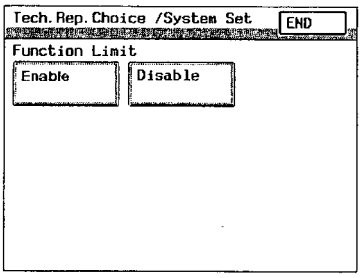


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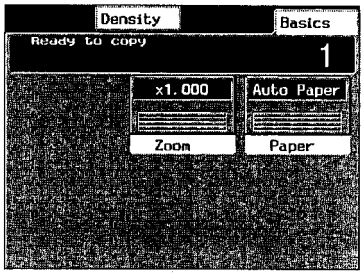
- If "Enable" is selected for "Function Limit," these are the functions that can be set on the control panel: Paper, Zoom, Density, the number of copies to be made, Mixed Orig. Detection, Free Orig. Placement, or Small Orig. Adjustment of Original.
- Setting options (the default setting is highlighted):

Function Limit

Enable	**Disable**



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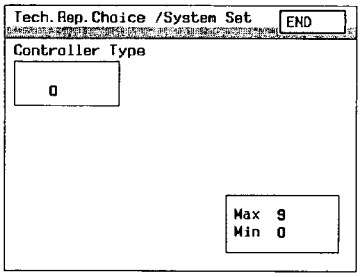


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- Controller Type should be set to "0."
- Setting options (the default setting is highlighted):

Controller Type

0 ~ 9	**0**



1155A009AB

2. "Staple Tray Max. Papers" has been added to "Finisher" under Tech. Rep. Mode.
- If a value exceeding the default of 50 is set, it could lead to a misfeed or a defective Stapler. The Tech. Rep. should therefore explain in detail to the users.
- Setting options (the default setting is highlighted):

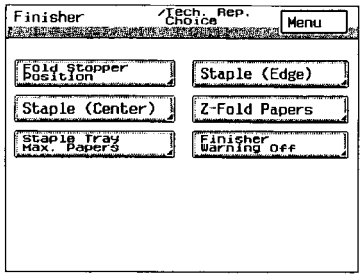
Plain Papers

50 ~ 55	**50**

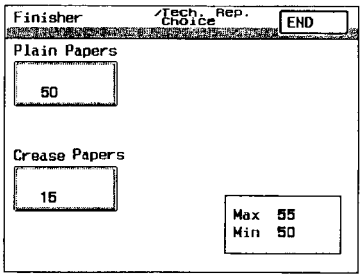
- If any number between 15 and 20 is set for Crease Papers, the number of copies to be made in non-crease, center staple is also restricted to the range of 15 to 20.
- Setting options (the default setting is highlighted):

Crease Papers

15 ~ 20	**15**

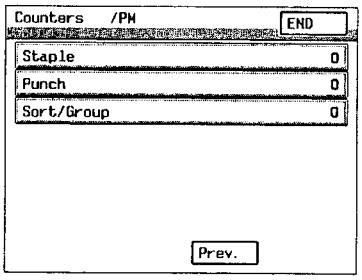


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3. Items have been added to PM Counters
- Items: Staple, Punch, Sort/Group



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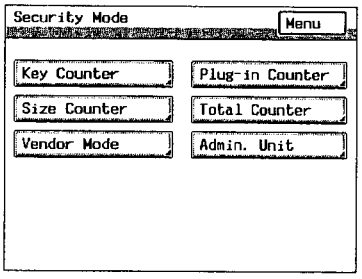
(6) Security Mode

- "Admin. Unit" has been added.
- Setting options (the default setting is highlighted):

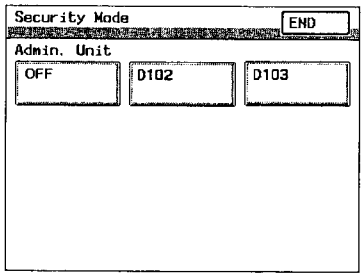
* D-103 is only for Japan.

Admin. Unit

OFF	D102	D103



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