

PAPER TRAY UNIT
(Machine Code: G555)

ENVELOPE FEEDER
(Machine Code: G556)

1. REPLACEMENT AND ADJUSTMENT

⚠ CAUTION

Turn off the main power switch and unplug the machine before attempting any of the procedures in this section.

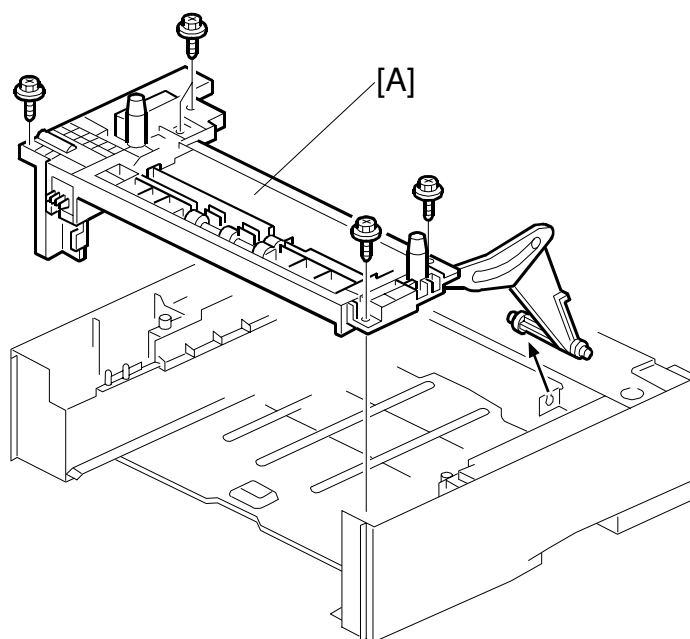
NOTE: This manual uses several symbols. The meanings of those symbols are as follows:

☞: See or Refer to

🔧: screw

🔌: connector

1.1 PAPER FEED UNIT

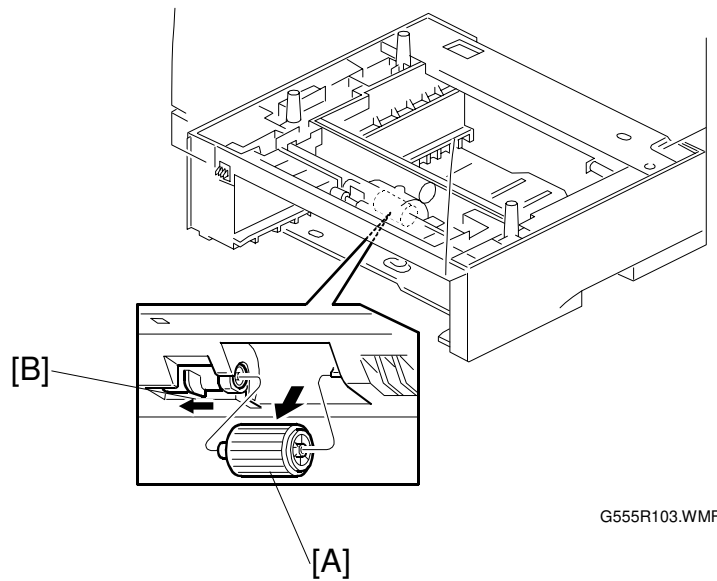


G555R101.WMF

- Remove the paper tray unit from the main unit.
- Draw out the paper tray.

[A]: Remove the paper feed unit (🔧 x5).

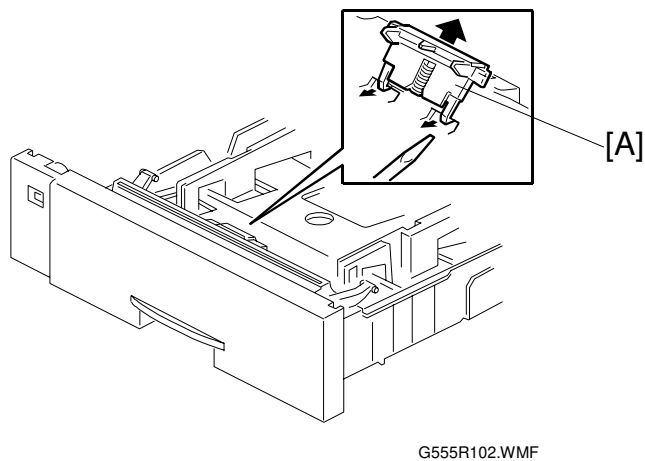
1.2 PAPER FEED ROLLER



- Draw out the paper tray

[A]: Paper feed roller (move the lever [B] to the left)

1.3 FRICTION PAD



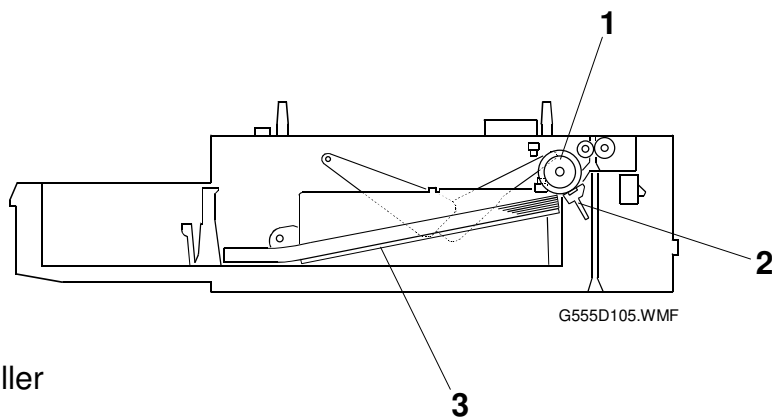
- Draw out the paper tray.

[A]: Friction pad

2. DETAILED DESCRIPTIONS

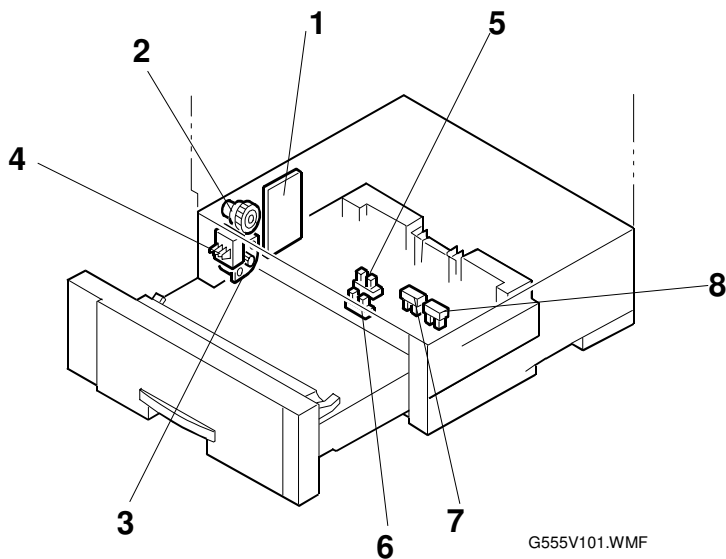
2.1 OVERALL MACHINE INFORMATION

2.1.1 MECHANICAL COMPONENT LAYOUT



1. Paper feed roller
2. Friction pad
3. Bottom plate

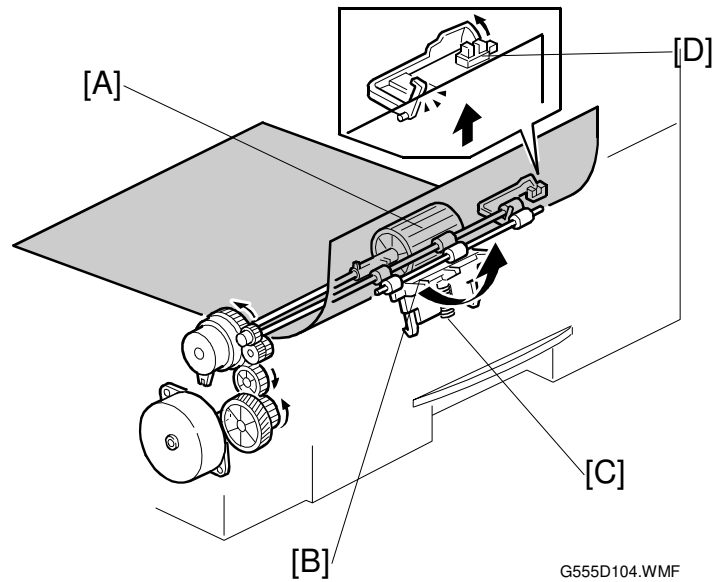
2.1.2 ELECTRICAL COMPONENT LAYOUT



- | | |
|----------------------|------------------------|
| 1. Paper tray board | 5. Paper end sensor |
| 2. Paper feed clutch | 6. Paper feed sensor |
| 3. Paper feed motor | 7. Paper height sensor |
| 4. Paper size switch | 8. Paper height sensor |

2.2 DETAILED SECTION DESCRIPTIONS

2.2.1 PAPER FEED AND SEPARATION

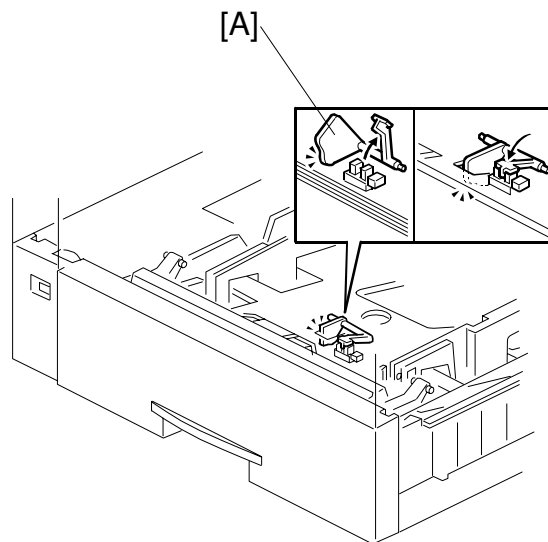


- The paper tray holds 500 sheets.
 - The paper feed unit uses a feed roller and friction pad mechanism.
- [A]: Paper feed roller
 [B]: Friction pad
 [C]: Pressure spring
 [D]: Paper feed sensor

2.2.2 PAPER LIFT

Paper lift is the same as for the main unit.

2.2.3 PAPER END DETECTION

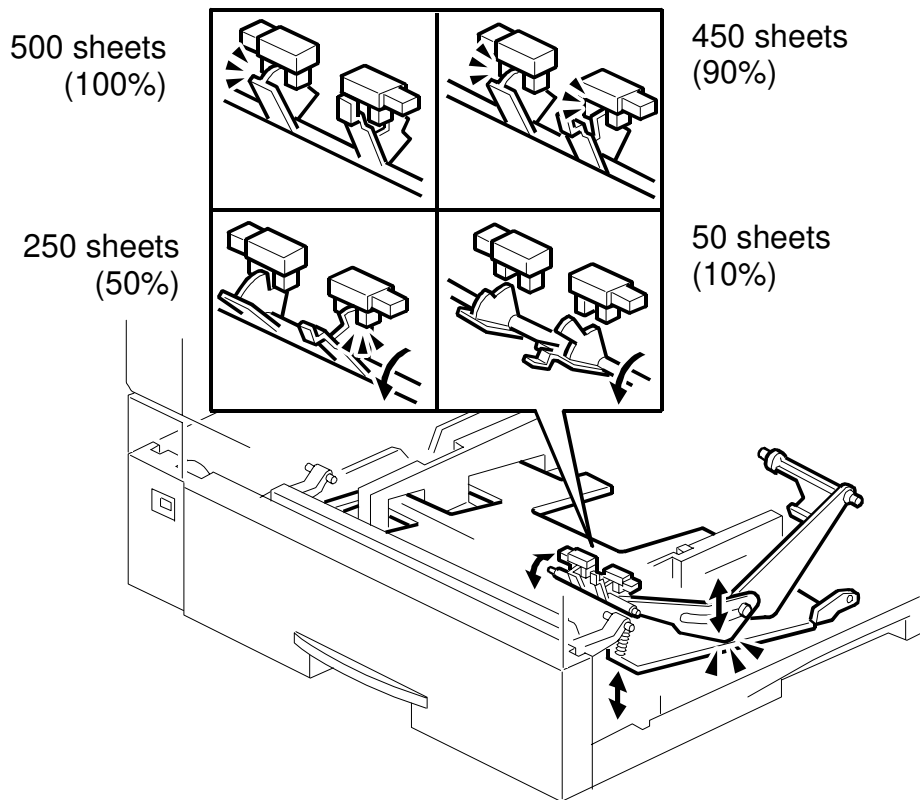


G555D103.WMF

- When the paper tray runs out of paper, the feeler [A] drops into the cutout in the bottom plate to actuate the paper end sensor.

2.2.4 PAPER HEIGHT DETECTION

- The paper height is detected by the combination of the paper height sensor signals. The signals from the sensors indicate whether there are 450, 250, or 50 sheets remaining.



G555D106.WMF

Amount of paper	Paper height sensor 1	Paper height sensor 2
50 sheets	OFF	OFF
250 sheets	OFF	ON
450 sheets	ON	ON
500 sheets	ON	OFF

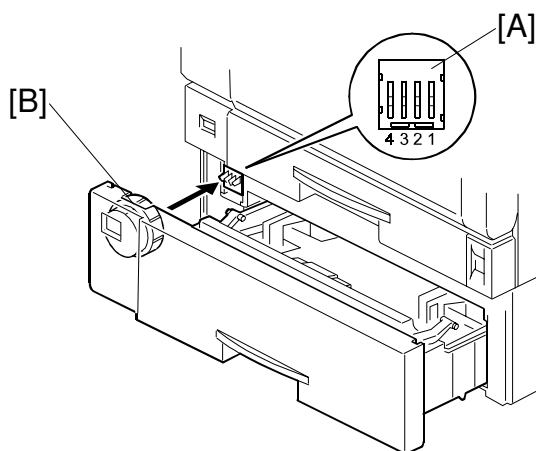
OFF: Unblocked, ON: Blocked

2.2.5 PAPER SIZE DETECTION

Size	SW	1	2	3	4
A3		●	●	●	●
A4 LEF (Long Edge Feed)		●	●	○	○
A4 SEF (Short Edge Feed)		●	●	●	○
8 1/2" x 11" LEF		●	○	○	●
11" x 17"		●	○	●	●
14" x 8 1/2" SEF		●	○	●	○
11" x 8 1/2" SEF		●	●	○	●
* (Asterisk)		●	○	○	○

○: ON (Not pushed)

●: OFF (Pushed)



G555D102.WMF

[A]: Paper size switch

[B]: Paper size dial

- The machine disables paper feed from a tray if the paper size cannot be detected (if the paper size actuator is broken or no tray is installed)
- When the paper size dial is at the "*" mark, the paper tray can be set up to accommodate one of a wider range of paper sizes by using a User Tool at the machine's operation panel (Paper Input menu – Tray Paper Size).

3. ENVELOPE FEEDER

3.1 OVERALL MACHINE INFORMATION

3.1.1 MECHANICAL COMPONENT LAYOUT

- This optional unit is a tray that slides into the optional paper feed unit, replacing the paper tray.
- If two optional trays have been installed, the envelope feeder must go into the top tray.
- The layout is the same as the paper tray.
- The friction pad in this unit is rubber-coated. The friction pad in the paper tray unit is made of cork.