




**Paper Feed Unit PB1130**  
**Machine Code: M534**  
**Field Service Manual**  
**Ver 1.0**

**Latest Release: June, 2018**  
**Initial Release: June, 2018**  
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# Symbols

This manual uses several symbols and abbreviations. The meaning of those symbols and abbreviations are as follows:

Symbol	What it means
	Screw
	Connector
	Clamp



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# 1.Replacement and Adjustment

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## External Covers and Paper Feed Unit


### CAUTION

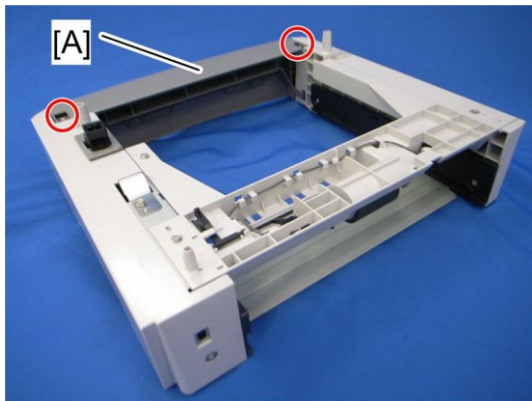
- Turn off the main power switch and unplug the machine before attempting any procedure in this section.

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### Rear Cover

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1. Remove the paper tray unit from the main unit.
2. Pull out the paper tray.
3. Remove the rear cover [A] ( x2).




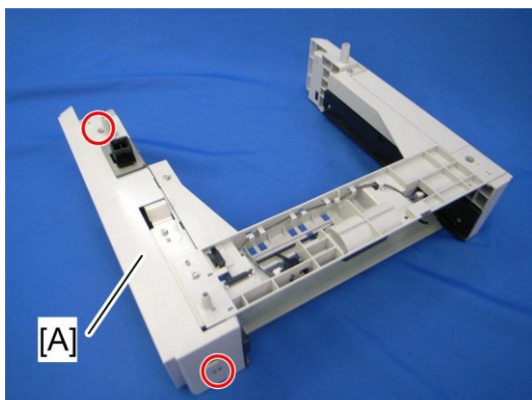
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### Right Cover

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1. Remove the rear cover ([Rear Cover](#)).
2. Remove the right cover [A] ( x2).



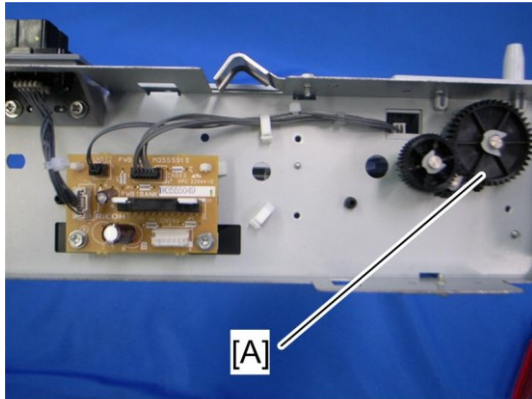
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## Paper Feed Unit

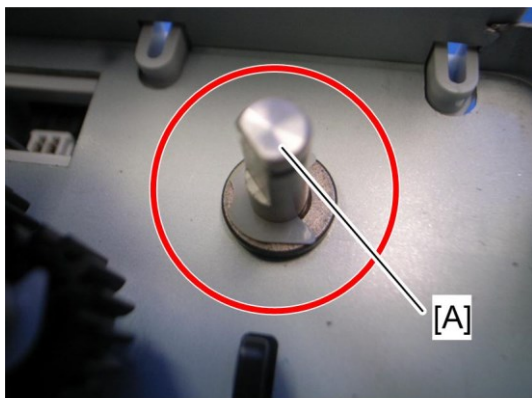
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1. Remove the right cover ([Right Cover](#)).
2. Remove the paper feed motor bracket ([Paper Feed Gears](#)).
3. Remove the paper feed roller shaft gear [A] (C-ring x1).



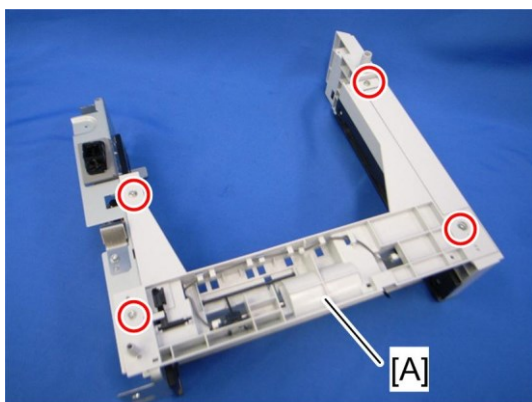
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4. Release paper feed roller shaft [A] (C-ring x1, bushing x1).



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5. Remove the paper feed unit [A] (⌀ x4).

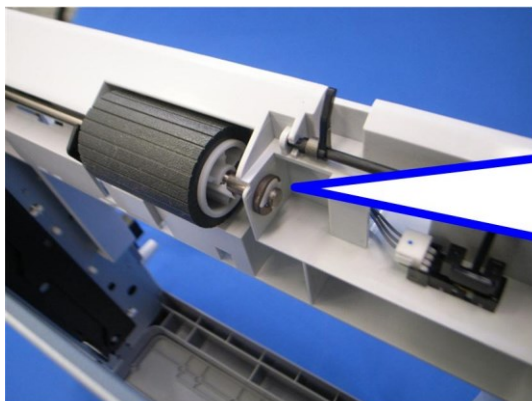


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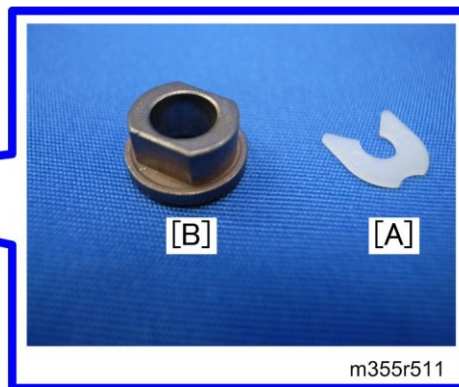
## Paper Feed Roller

### Remove the Paper Feed Roller

1. Remove the right cover ([Right Cover](#)).
2. Remove a C-ring [A] and a bushing [B].

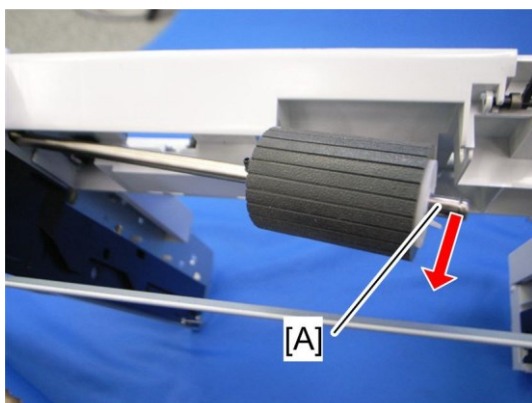


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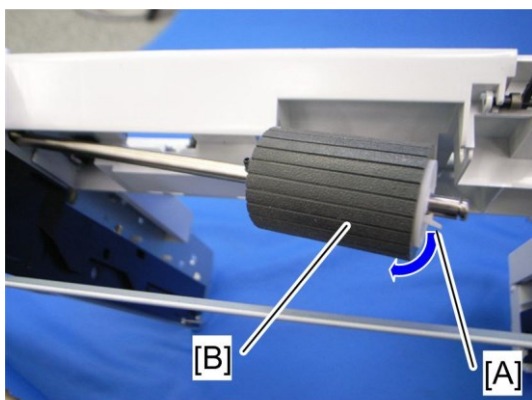
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3. Release the paper feed roller shaft [A].



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4. Release the hook [A] and then move the paper feed roller [B] to the right.



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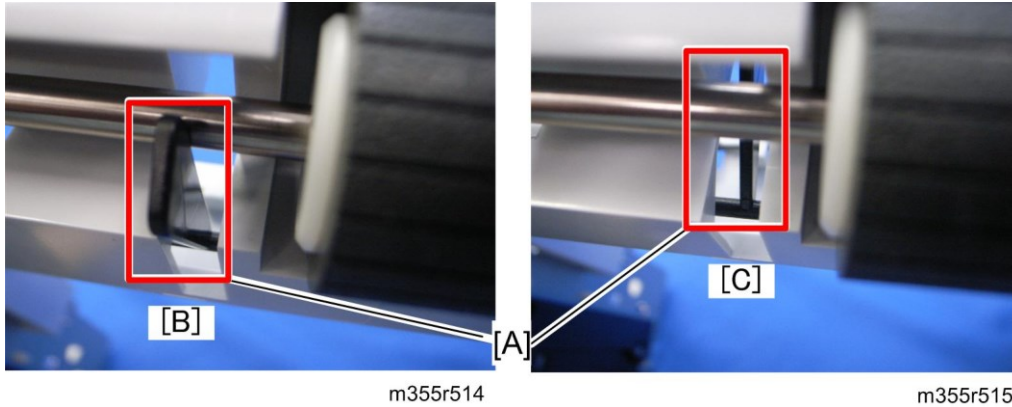


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## Reinstall the Paper Feed Roller

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1. Attach the paper feed roller to the paper feed roller shaft.
2. Reinstall the paper feed roller shaft correctly.



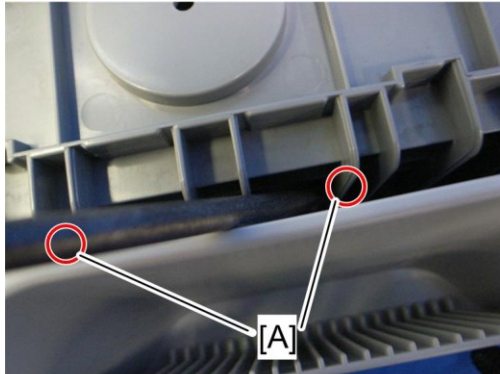
**Note**

- As shown in the above pictures, the paper feed roller shaft must be installed behind the feeler [A]. The left picture [B] is correct. The right picture [C] is incorrect.
3. Close the right cover first, and then close the rear cover.

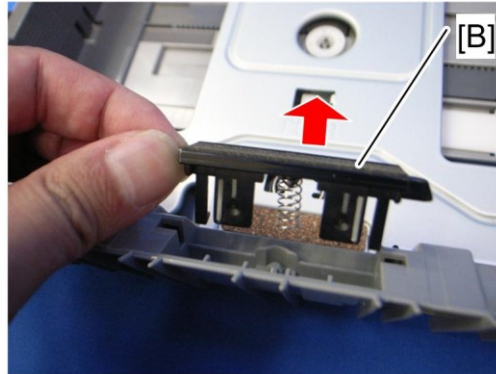
## 1.Replacement and Adjustment

### Friction Pad

1. Pull out the paper tray.
2. Turn the paper feed unit over, and release two hooks [A].
3. Turn the unit over again, and remove the friction pad [B].



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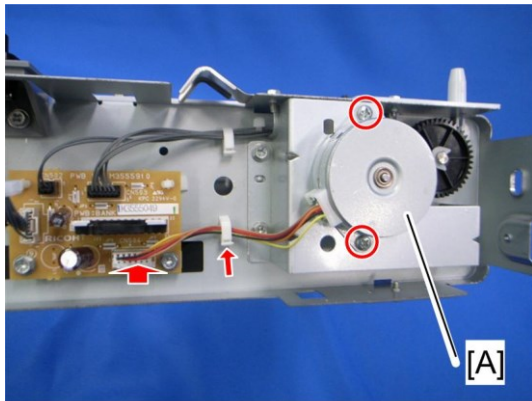
## Paper Feed Motor and Gears

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### Paper Feed Motor

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1. Remove the right cover ([Right Cover](#)).
2. Remove the paper feed motor [A] (⚙️ x2, 🛠️ x1, 📦 x1).



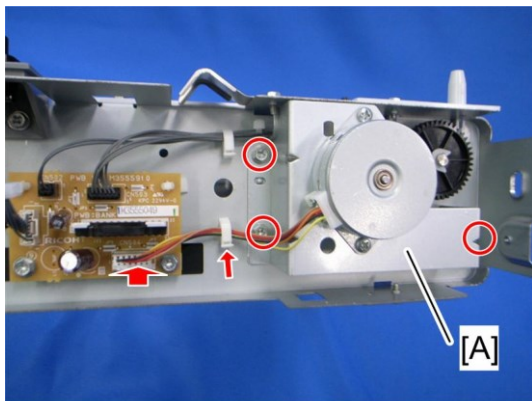
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### Paper Feed Gears

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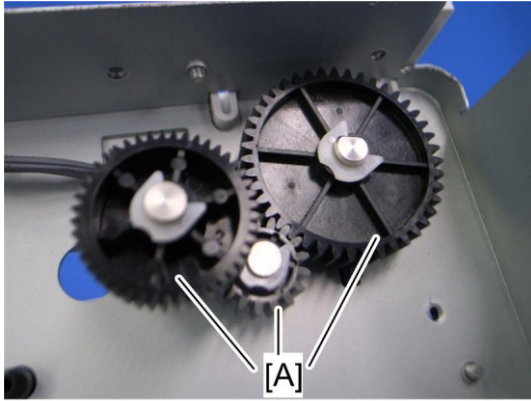
1. Remove the right cover ([Right Cover](#)).
2. Remove the paper feed motor bracket [A] (⚙️ x3, 🛠️ x1, 📦 x1).



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## 1.Replacement and Adjustment

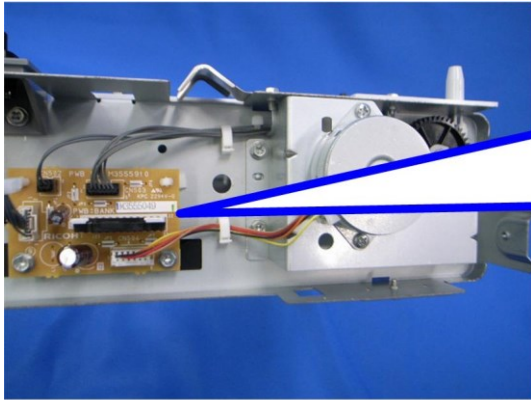
3. Remove the paper feed gears [A] (each C-ring x1).



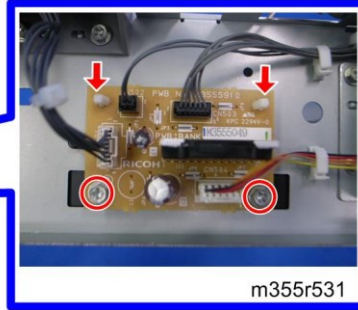
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## Paper Tray Board

1. Remove the right cover ([Right Cover](#)).
2. Remove the paper tray board (🔑 x2, locking support x2, 📦 x 4).



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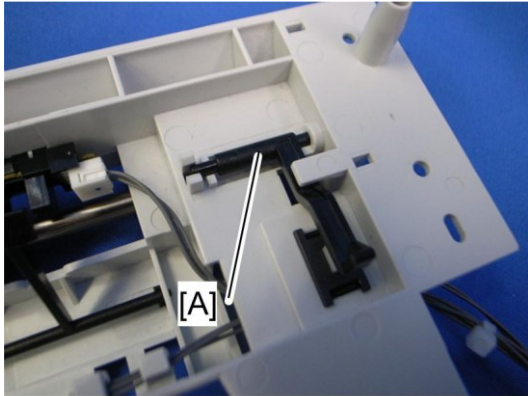


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## 1.Replacement and Adjustment

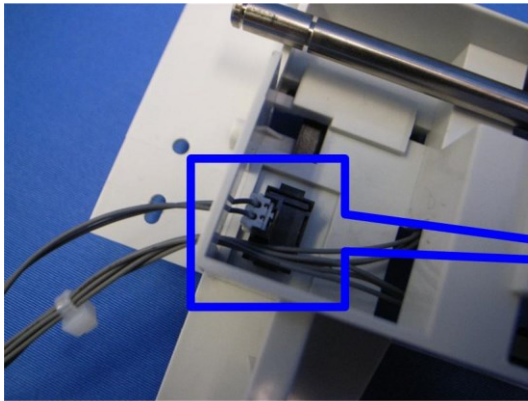
### Paper Tray Unit Set Switch

1. Remove the paper feed unit ([Paper Feed Unit](#)).
2. Remove the feeler [A].

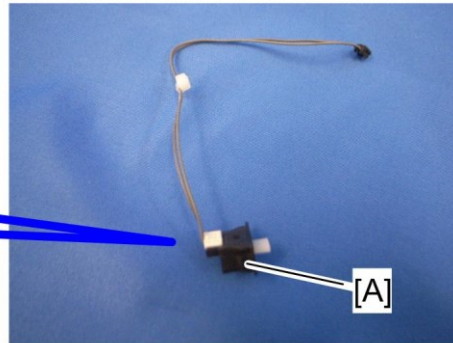


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3. Remove the paper tray unit set switch [A] (hook x2).




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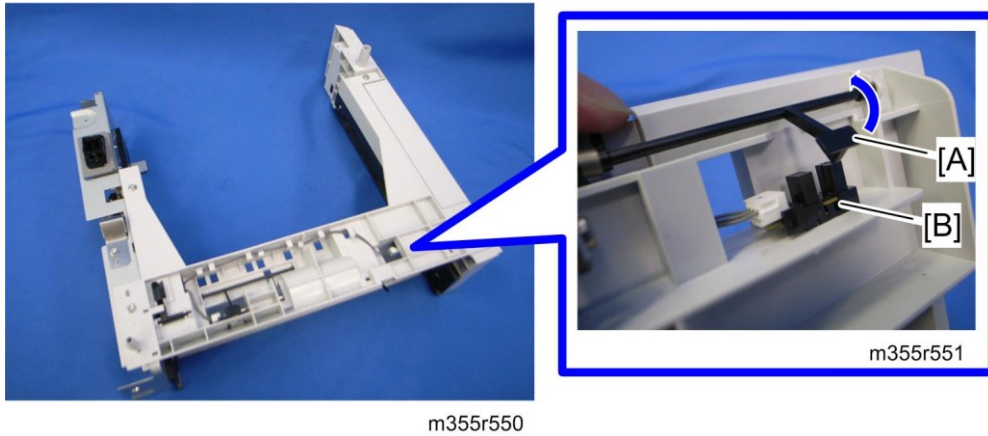


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## Sensors

### Paper Feed Sensor

1. Remove the right cover ([Right Cover](#)).
2. Release the actuator [A] from the slot of the paper feed sensor [B].
3. Remove the paper feed sensor [B] (all hooks,  x1).



### Paper End Sensor

1. Remove the right cover ([Right Cover](#)).
2. Release the actuator [A] from the slot of the paper exit sensor [B].
3. Remove the paper end sensor [B] (all hooks,  x1).

