

PAPER TRAY UNIT
Machine Codes: M355
Field Service Manual

30 November, 2009

Safety and Symbols


Replacement Procedure Safety

CAUTION

- Turn off the main power switch and unplug the machine before beginning any of the replacement procedures in this manual.

Symbols Used in this Manual

This manual uses the following symbols.

: See or Refer to

: Screws

: Connector

: Clamp

: Clip ring


: E-ring

TABLE OF CONTENTS

- Safety and Symbols.....1
 - Replacement Procedure Safety.....1
- 1. Replacement and Adjustment**

- External Covers and Paper Feed Unit.....3
 - Rear Cover.....3
 - Right Cover.....3
 - Paper Feed Unit.....4
- Paper Feed Roller.....6
 - Paper Feed Roller.....6
- Friction Pad.....8
 - Friction Pad.....8
- Paper Feed Motor and Gears.....9
 - Paper Feed Motor.....9
 - Paper Feed Gears.....9
- Paper Tray Board.....11
 - Paper Tray Board.....11
- Paper Tray Unit Set Switch.....12
 - Paper Tray Unit Set Switch.....12
- Sensors.....13
 - Paper Feed Sensor.....13
 - Paper End Sensor.....13

1. Replacement and Adjustment

External Covers and Paper Feed Unit

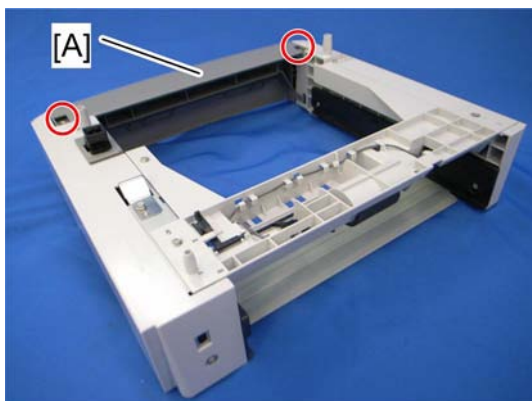
1

⚠ CAUTION

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

Rear Cover

1. Remove the paper tray unit from the main unit.
2. Pull out the paper tray.



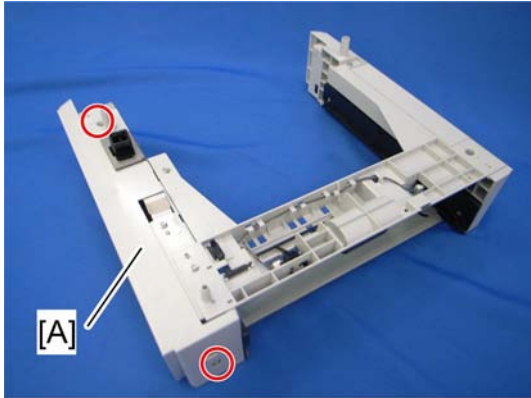
m355r500

3. Rear cover [A] (⚙ x2).

Right Cover

1. Rear cover (⚙ Rear Cover)

1

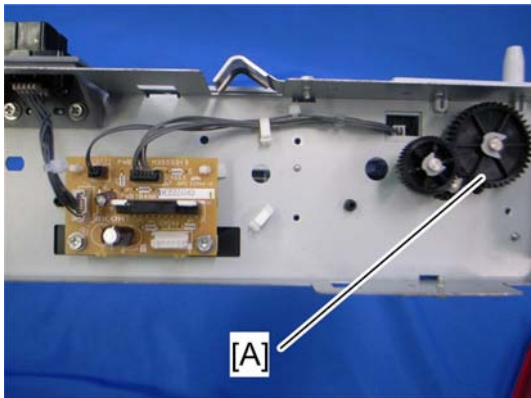


m355r501

2. Right cover [A] (🔩 x2).

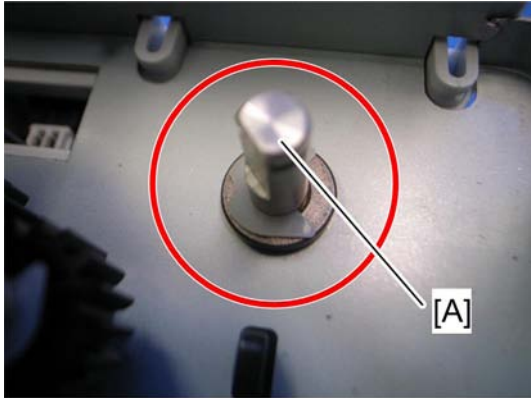
Paper Feed Unit

1. Right cover (🔩 p.3)
2. Paper feed motor bracket (🔩 p.9)



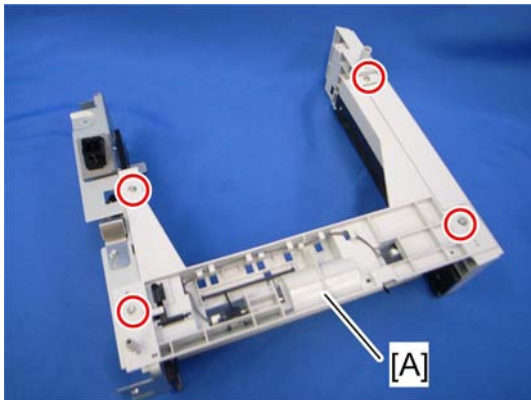
m355r502

1. Paper feed roller shaft gear [A] (C-ring x1)



m355r503

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



m355r505

3. Paper feed unit [A] (⚙️ x4)

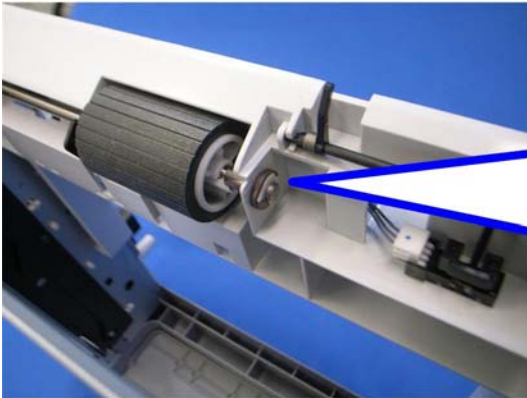
Paper Feed Roller

1

Paper Feed Roller

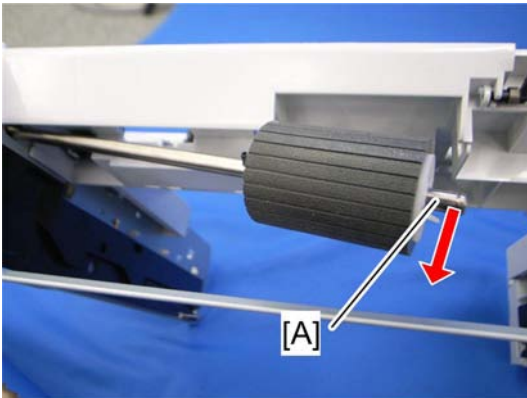
Remove the paper feed roller

1. Right cover (p.3).



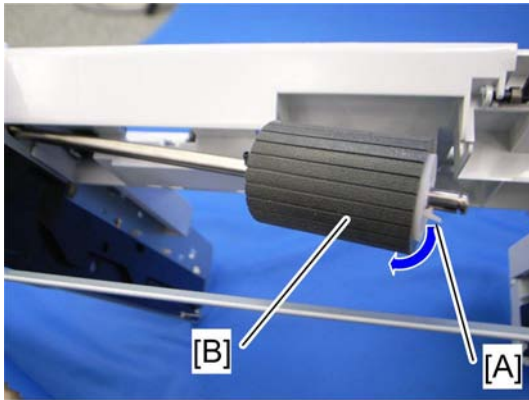
m355r510

2. Remove a C-ring [A] and a bushing [B].



m355r512

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

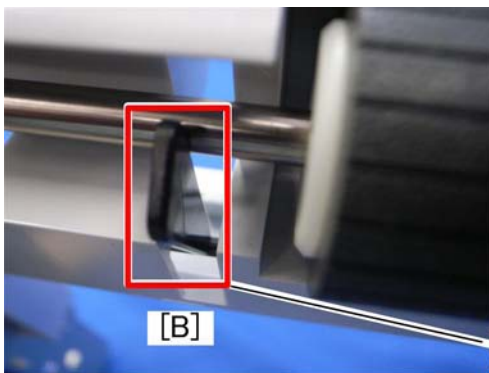


m355r513

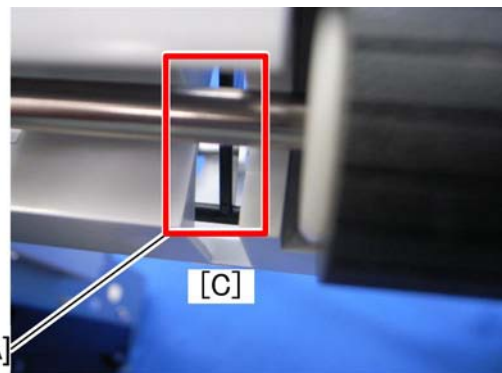
4. Release the hook [A] and then move the paper feed roller [B] to the right.

Reinstall the paper feed roller

1. Attach the paper feed roller to the paper feed roller shaft.



m355r514



m355r515

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.

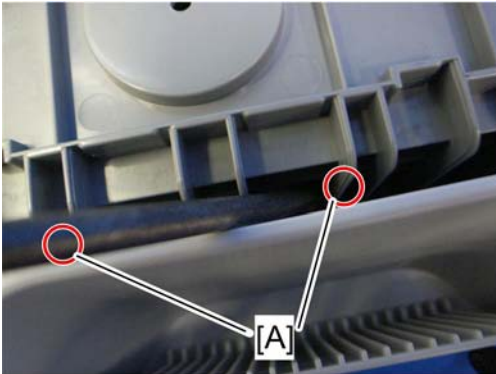
3. Close the right cover first, and then close the rear cover.

Friction Pad

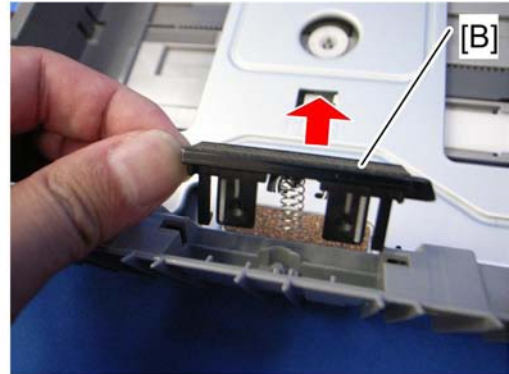
1

Friction Pad

1. Pull out the paper tray.



m355r516



m355r517

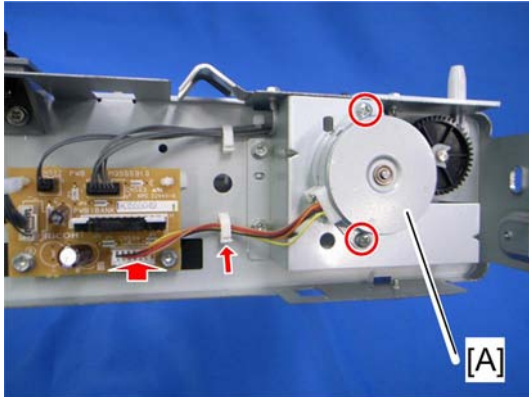
2. Turn the paper feed unit over, and release two hooks [A].
3. Turn the unit over again, and remove the friction pad [B].

Paper Feed Motor and Gears

Paper Feed Motor

1

1. Right cover (🔧 p.3)

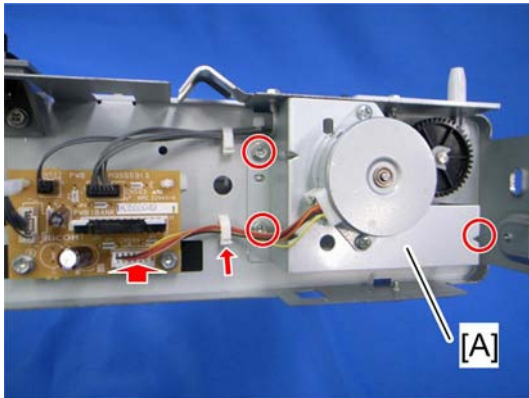


m355r520

2. Paper feed motor [A] (🔧 x2, ⚙️ x1, 📦 x1)

Paper Feed Gears

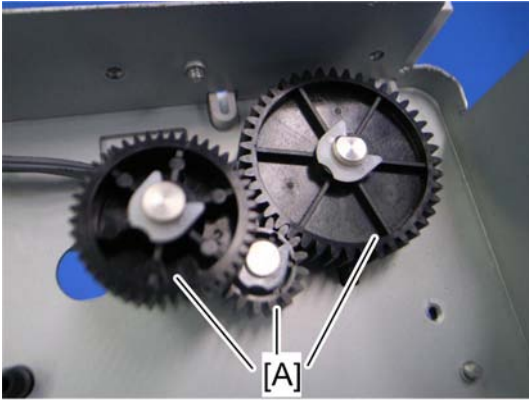
1. Right cover (🔧 p.3)



m355r521

2. Paper feed motor bracket [A] (🔧 x3, ⚙️ x1, 📦 x1)

1



m355r522

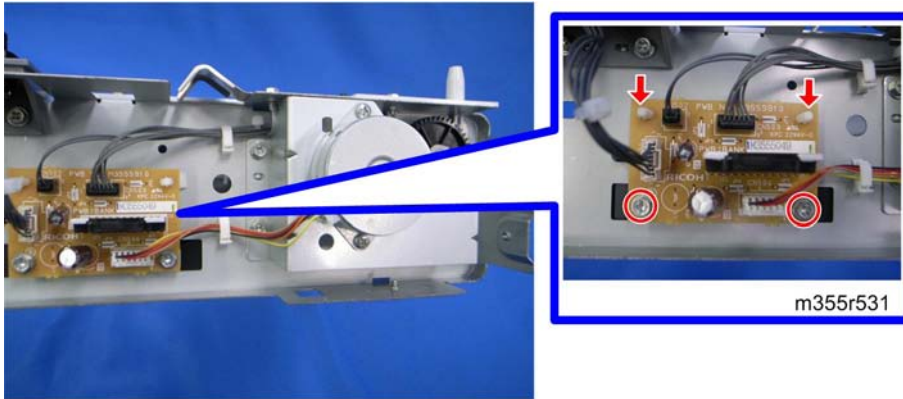
3. Paper feed gears [A] (each C-ring x1)

Paper Tray Board

Paper Tray Board

1

1. Right cover (🔧 p.3)



m355r530

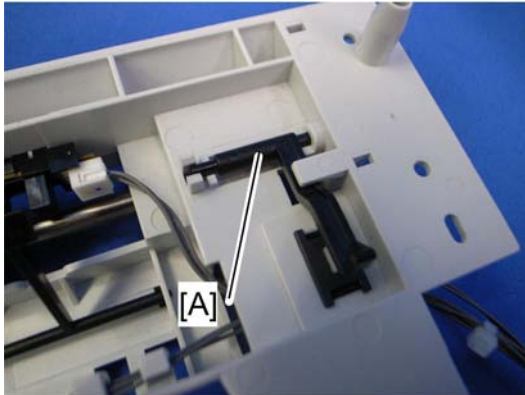
2. Paper Tray Board (🔧 x2, locking support x2, 📏 x 4)

Paper Tray Unit Set Switch

1

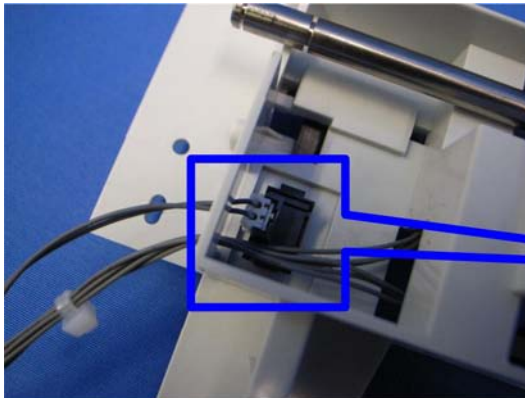
Paper Tray Unit Set Switch

1. Paper feed unit (see p.4)

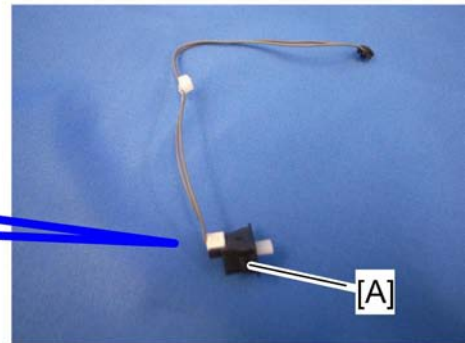


m355r540

2. Feeler [A]



m355r541



m355r542

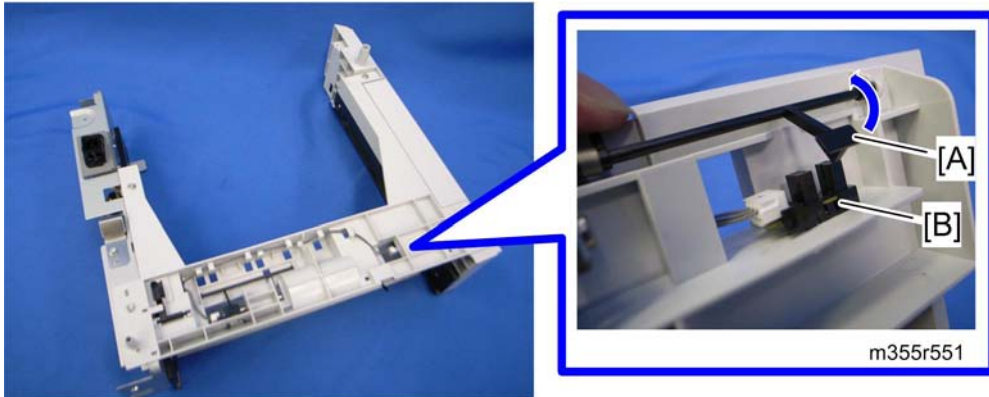
3. Paper tray unit set switch [A] (hook x2)

Sensors

Paper Feed Sensor

1

1. Right cover (🔧 p.3)

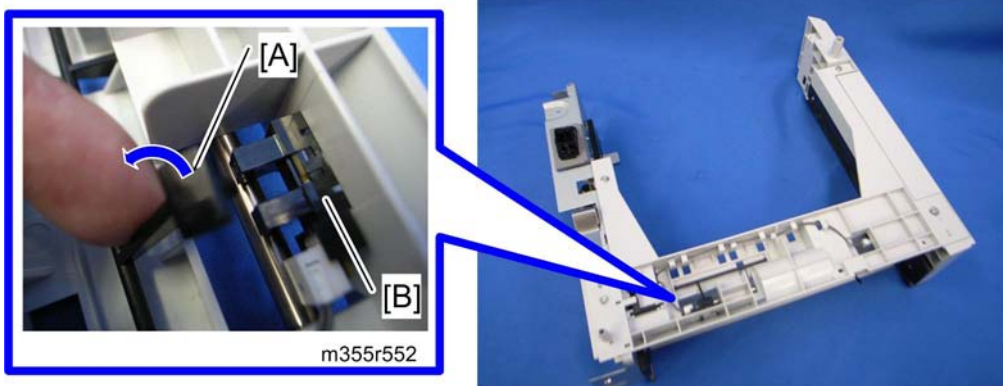


m355r550

2. Release the actuator [A] from the slot of the paper feed sensor [B]
3. Paper feed sensor [B] (all hooks, 🧰 x1)

Paper End Sensor

1. Right cover (🔧 p.3)



m355r550

2. Release the actuator [A] from the slot of the paper exit sensor [B]
3. Paper end sensor [B] (all hooks, 🧰 x1)

