

**Paper Feed Unit PB1000
Machine Codes: M367
Field Service Manual**

19 Nov, 2010

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

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1. Replacement and Adjustment

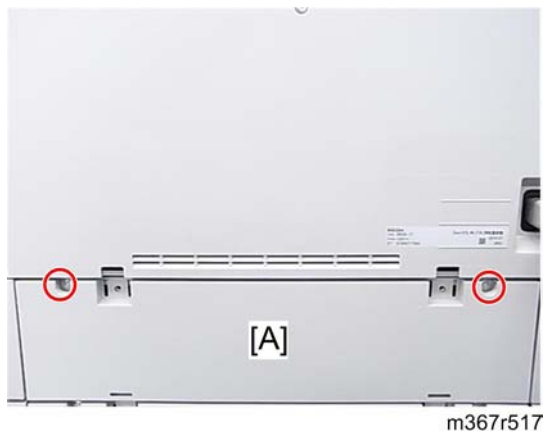
External Covers

1

CAUTION

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

Rear Cover



1. Rear cover [A] ( x 2)

Left Cover

1. Rear cover ( p.3)

1



m367r518

2. Left cover [A] (🔩 x 2)

Right Cover

1. Rear cover (🔩 p.3)



m367r501a

2. Right cover [A] (🔩 x 2)

Paper Feed Unit and Rollers

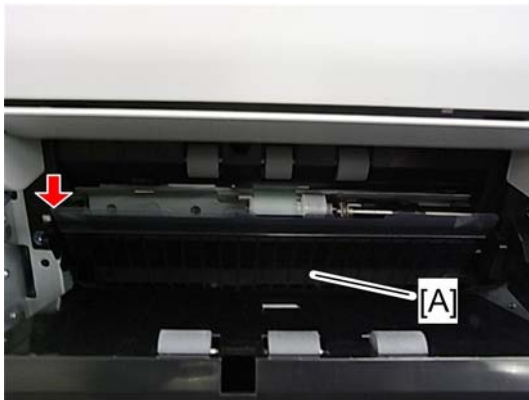
Separation Roller

1



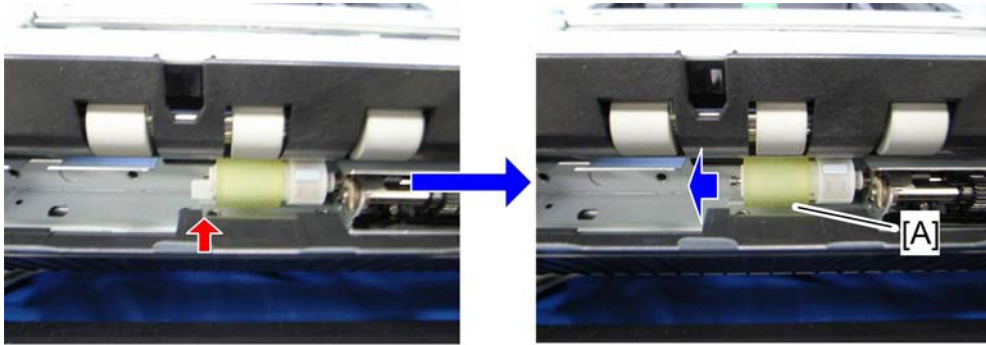
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1. Open the right middle cover [A].



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2. Release the hook, and then remove the guide plate [A].

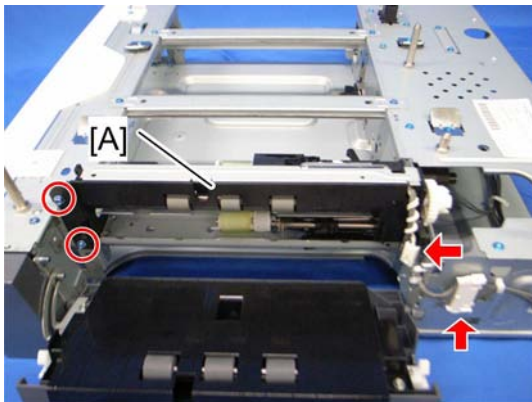


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3. Separation roller [A] (🔧 x 1)

Paper Feed Unit

1. Rear cover (🔧 p.3)
2. Right cover (🔧 p.4)

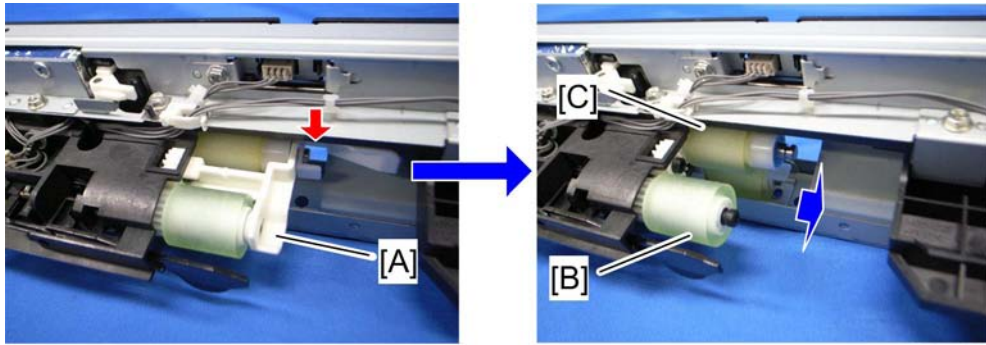


m367r503

3. Paper feed unit [A] (🔧 x 2, 🖨️ x 1, 🖨️ x 1)

Pick-up and Paper Feed Rollers

1. Paper feed unit (🔧 p.6)



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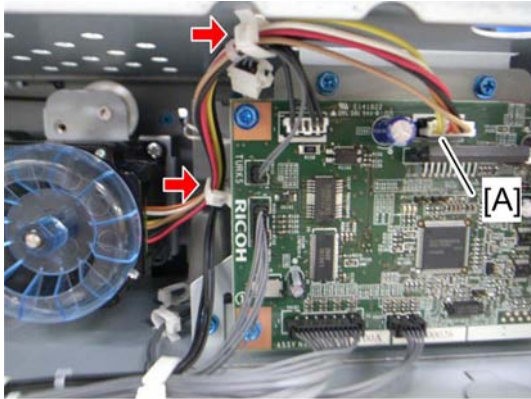
2. Roller holder [A] (⑤ x 1)
3. Pick-up roller [B]
4. Paper feed roller [C]

Electrical Components

1

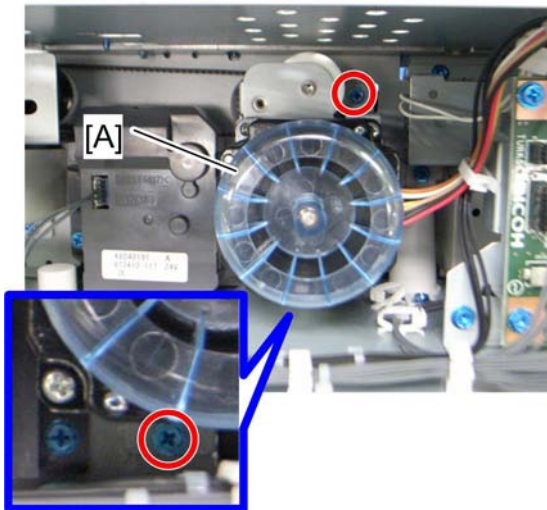
Paper Feed Motor

1. Rear cover (🔧 p.3)



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2. Disconnect the connector [A] (🔧 x 2).

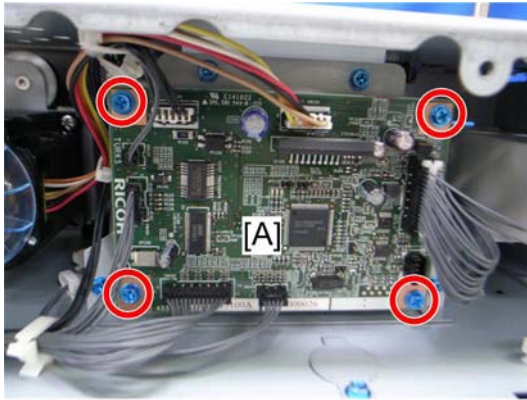


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3. Paper feed motor bracket [A] (🔧 x 2)
4. Paper feed motor (🔧 x 2)

Drive Board

1. Rear cover (p.3)

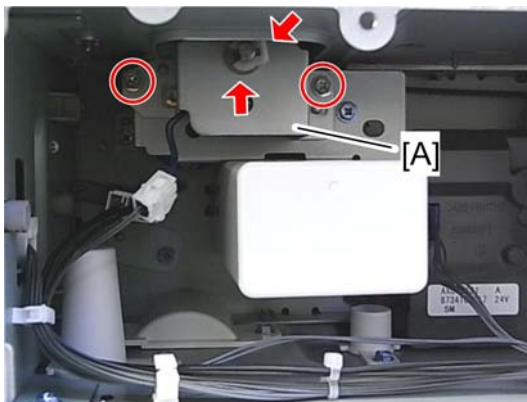


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2. Drive board [A] (x 4, x all)

Paper Feed Clutch

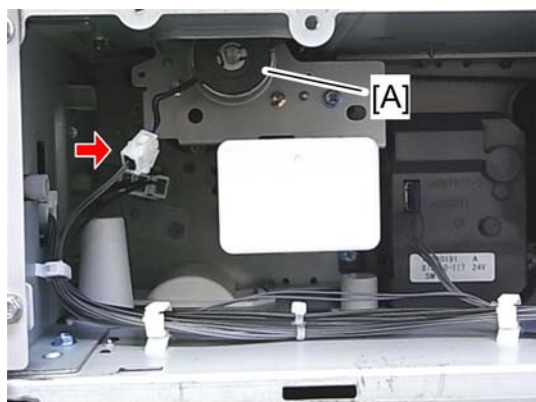
1. Rear cover (p.3)



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2. Bracket [A] (x 2, x 1, bushing x 1)

1

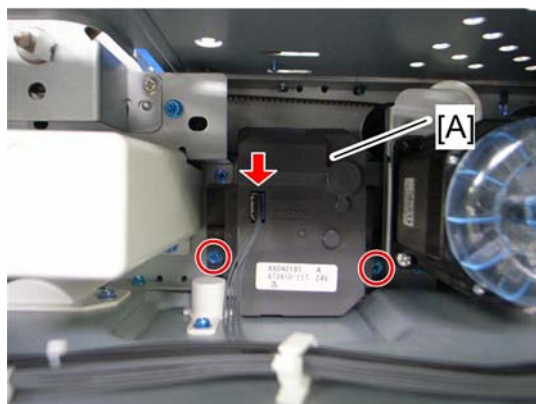


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3. Paper feed clutch [A]

Tray Lift Motor

1. Rear cover (p.3)

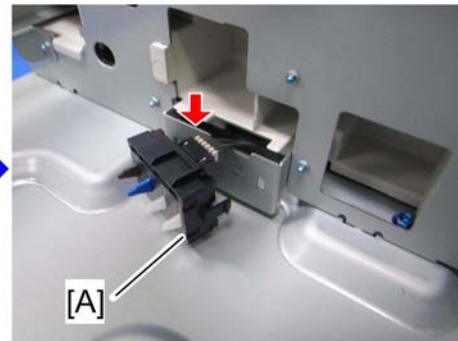
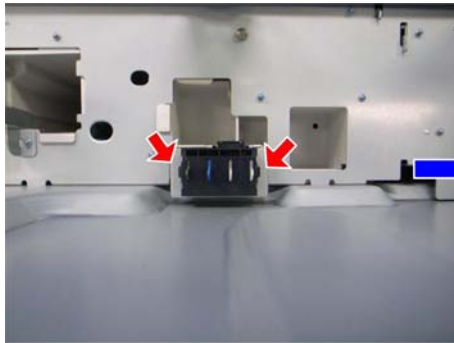


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2. Tray lift motor [A] (x 2, x 1)

Paper Size Switch

1. Pull out the paper feed tray.

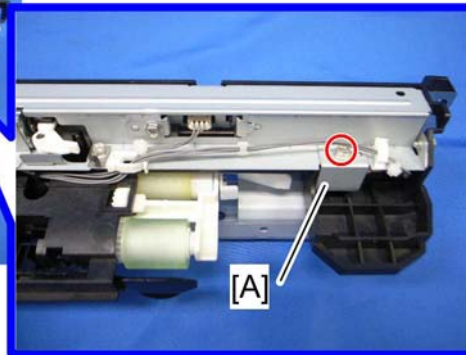
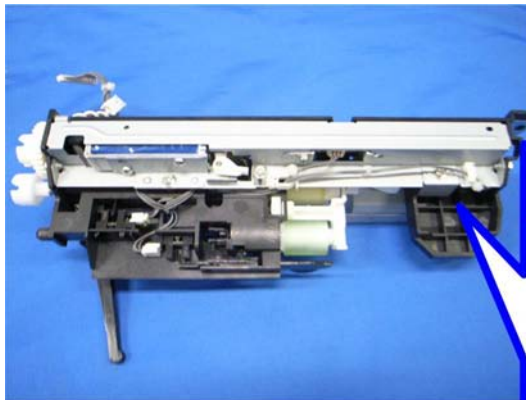


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2. Paper size switch [A] (🔧 x 1, hooks)

Paper Feed Sensor

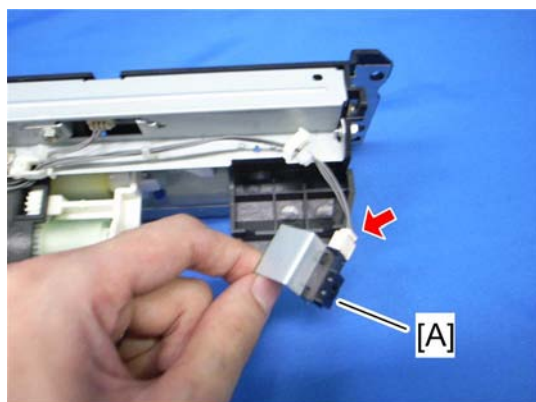
1. Paper feed unit (🔧 p.6)



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2. Paper feed sensor bracket [A] (🔧 x 1)

1

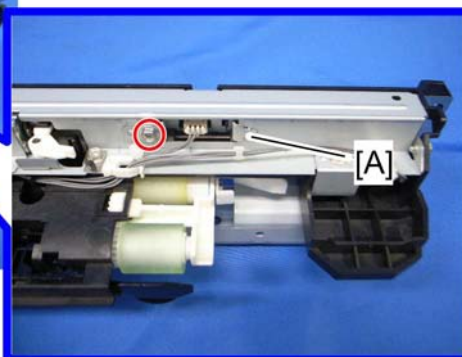
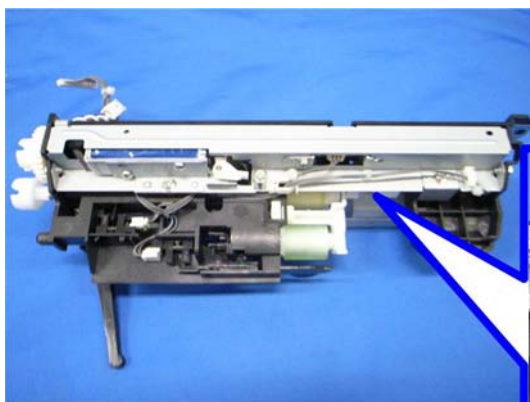


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3. Paper feed sensor [A] (🔌 x 1, hooks)

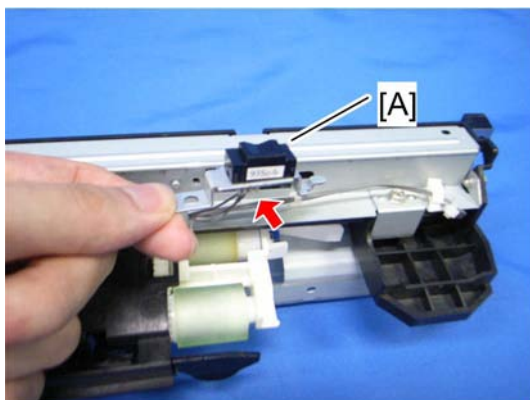
Vertical Transport Sensor

1. Paper feed unit (🔌 p.6)



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2. Vertical transport sensor bracket [A] (🔌 x 1)

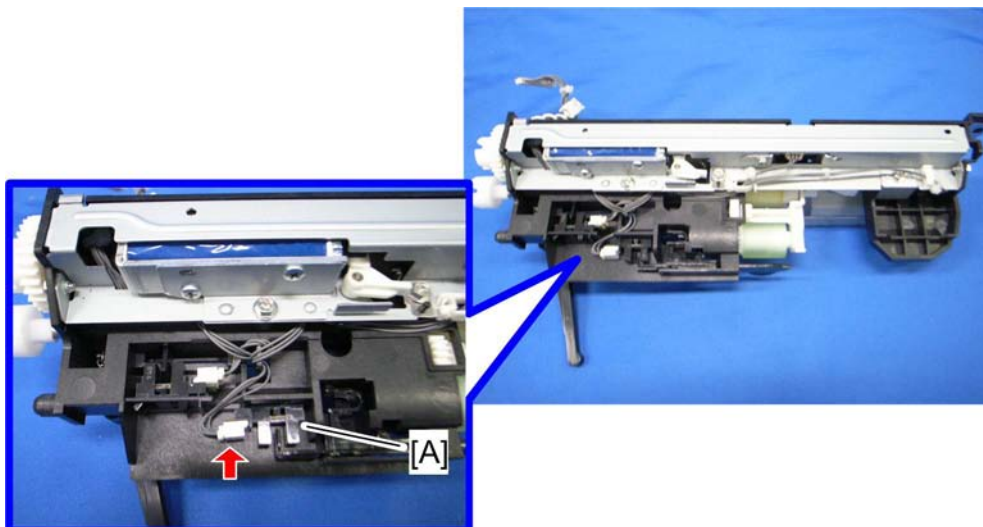


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3. Vertical transport sensor [A] (🔌 x 1, hooks)

Paper End Sensor

1. Paper feed unit (🔌 p.6)



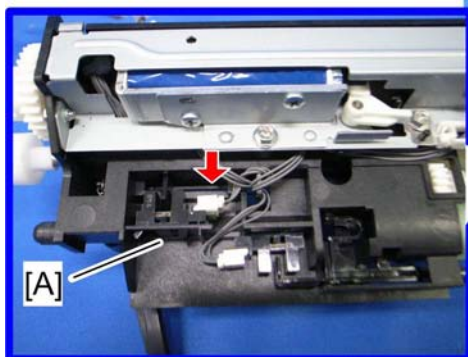
m367r514

2. Paper end sensor [A] (🔌 x 1, hooks)

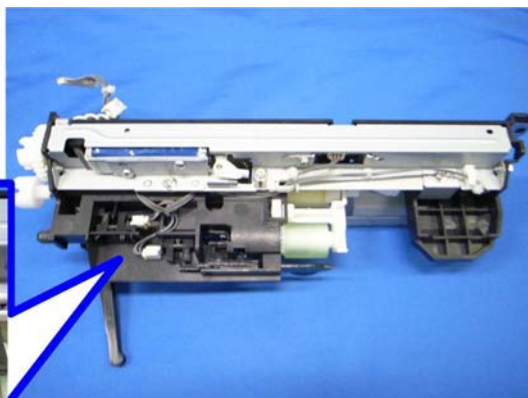
Paper Lift Sensor

1. Paper feed unit (🔌 p.6)

1



m367r515



2. Paper lift sensor [A] ( x 1, hooks)