

Internal Shift Tray SH3080
Machine Code: D3FV
Field Service Manual
Ver. 1.0

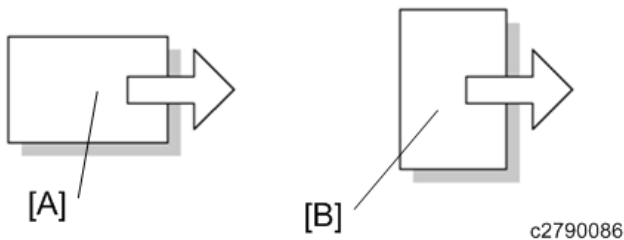
Latest Release: December, 2018
Initial Release: December, 2018
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Symbols, Abbreviations and Trademarks

Symbols, Abbreviations

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

Symbol	What it means
	Clip ring
	Screw
	Connector
	Clamp
	E-ring
	Flat Flexible Cable
	Timing Belt
SEF	Short Edge Feed
LEF	Long Edge Feed
K	Black
C	Cyan
M	Magenta
Y	Yellow
B/W, BW	Black and White
FC	Full color



[A] Short Edge Feed (SEF)

[B] Long Edge Feed (LEF)

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Microsoft® Windows Vista® Home Premium

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Microsoft® Windows Vista® Enterprise

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Microsoft® Windows® 7 Professional

Microsoft® Windows® 7 Ultimate

Microsoft® Windows® 7 Enterprise

- The product names of Windows 8 are as follows:

Microsoft® Windows® 8

Microsoft® Windows® 8 Pro

Microsoft® Windows® 8 Enterprise

- The product names of Windows 10 are as follows:

Microsoft® Windows® 10 Home Premium

Microsoft® Windows® 10 Pro

Microsoft® Windows® 10 Enterprise

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- The product names of Windows Server 2012 are as follows:

Microsoft® Windows Server® 2012 Foundation

Microsoft® Windows Server® 2012 Essentials

Microsoft® Windows Server® 2012 Standard

- The product names of Windows Server 2012 R2 are as follows:

Microsoft® Windows Server® 2012 R2 Foundation

Microsoft® Windows Server® 2012 R2 Essentials

Microsoft® Windows Server® 2012 R2 Standard

- The product names of Windows Server 2016 R2 are as follows:

Microsoft® Windows Server® 2016 R2 Essentials

Microsoft® Windows Server® 2016 R2 Standard

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1. Detailed Descriptions

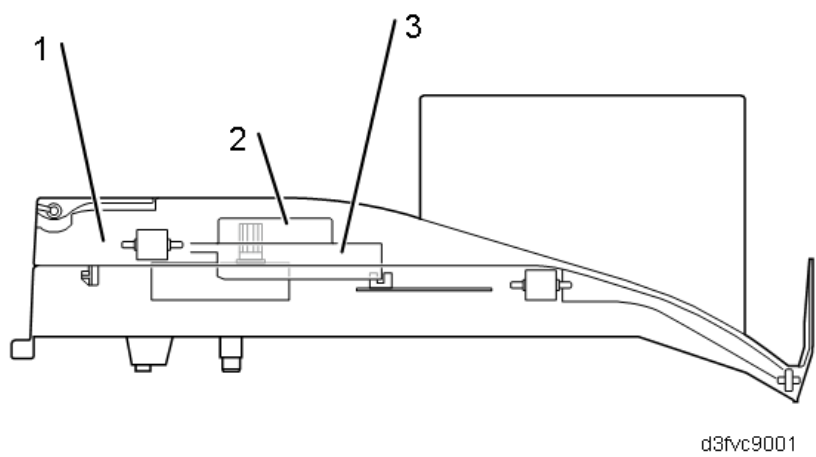
Changes from the Previous Machine

No difference mechanically.

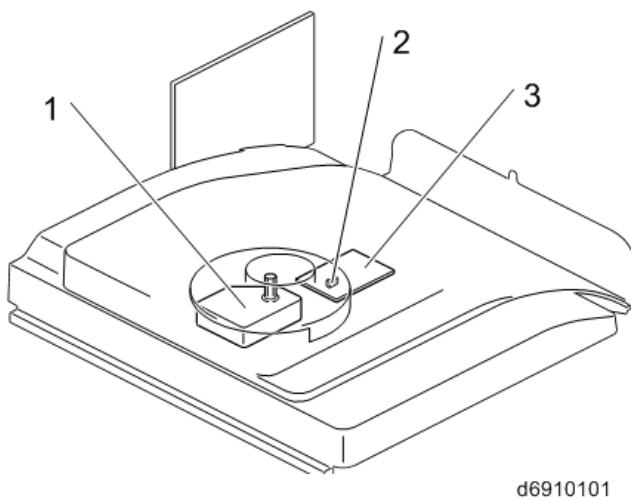
Specificalitons

Paper size:	A3 SEF, A4 SEF/LEF, A5 SEF/LEF, A6 SEF, B4 JIS SEF, B5 JIS SEF/LEF, B6 JIS SEF, 11 x 17 SEF, 8 1/2 x 14 SEF, 8 1/2 x 13 LEF, 8 1/2 x 11 SEF/LEF, 8 1/4 x 14 SEF, 8 1/4 x 13 SEF, 8 x 13 SEF, 8 x 10 SEF, 7 1/4 x 10 1/2 SEF/LEF, 5 1/2 x 8 1/2 SEF, 4 1/8 x 9 1/2 SEF/LEF, 3 7/8 x 7 1/2 SEF/LEF, C5 Env SEF/LEF, C6 Env SEF/LEF, DL Env SEF/LEF, 8K SEF, 16K SEF/LEF, 12 x 18 SEF, 11 x 15 SEF, 10 x 14 SEF, SRA3 SEF, SRA4 SEF/LEF, custom size
Paper weight:	52-300 g/m2 (14 lb. Bond-110 lb. Cover)
Paper sizes that can be shifted:	A3 SEF, A4 SEF/LEF, A5 SEF/LEF, A6 SEF, B4 JIS SEF, B5 JIS SEF/LEF, B6 JIS SEF, 11 x 17 SEF, 8 1/2 x 14 SEF, 8 1/2 x 13 LEF, 8 1/2 x 11 SEF/LEF, 8 1/4 x 14 SEF, 8 1/4 x 13 SEF, 8 x 13 SEF, 8 x 10 SEF, 7 1/4 x 10 1/2 SEF/LEF, 5 1/2 x 8 1/2 SEF, 4 1/8 x 9 1/2 SEF/LEF, 3 7/8 x 7 1/2 SEF/LEF, C5 Env SEF/LEF, C6 Env SEF/LEF, DL Env SEF/LEF, 8K SEF, 16K SEF/LEF, 12 x 18 SEF, 11 x 15 SEF, 10 x 14 SEF, SRA3 SEF, SRA4 SEF/LEF, custom size
Paper weight that can be shifted:	60 - 300 g/m ² (16 lb. Bond - 110 lb. Cover)
Stack capacity (80 g/m ² , 20 lb. Bond):	<ul style="list-style-type: none"> • 250 sheets: A4, 8 1/2 x 11 or smaller • 125 sheets: B4 JIS, 8 1/2 x 14 or larger
Power consumption:	2W (Power is supplied from the main unit.)
Dimensions (W x D x H):	420 x 489 x 107 mm (16.6 x 19.3 x 4.3 inches)
Weight:	Approx. 2 kg (4.5 lb.)

Parts Layout



No.	Description	No.	Description
1	Upper tray	3	Rotating plate
2	Interlocking plate	-	-

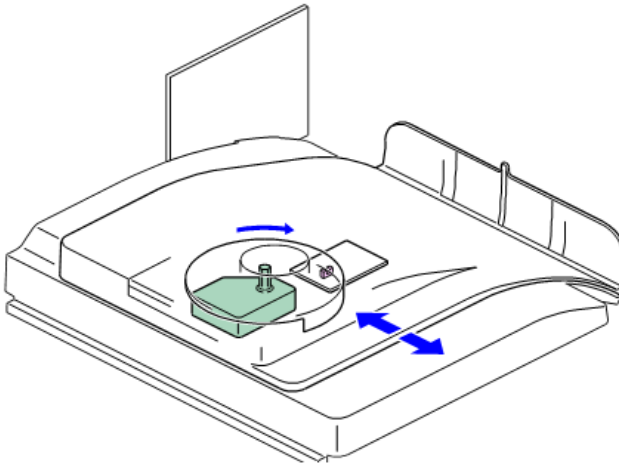


No.	Description	No.	Description
1	Shift motor (M1)	3	Controller board (PCB1)
2	Position sensor (S1)	-	-

Mechanism

Upper Tray Drive Mechanism

The upper tray is moved by the shift motor (M1) through a rotor plate and interlocking plate.



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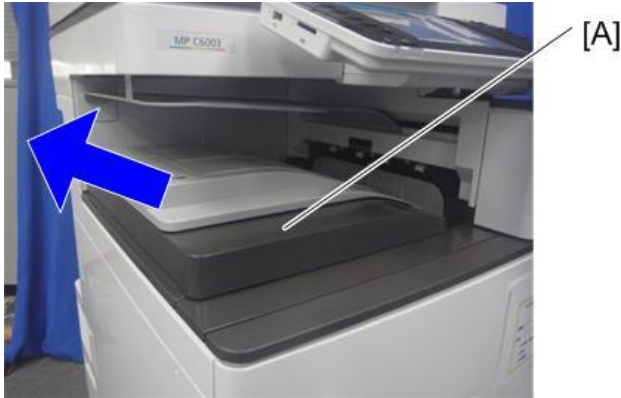
Position Detection

The position sensor (S1) is switched ON (unblocked)/OFF (blocked) by an actuator on the rotating plate.

2. Replacement and Adjustment

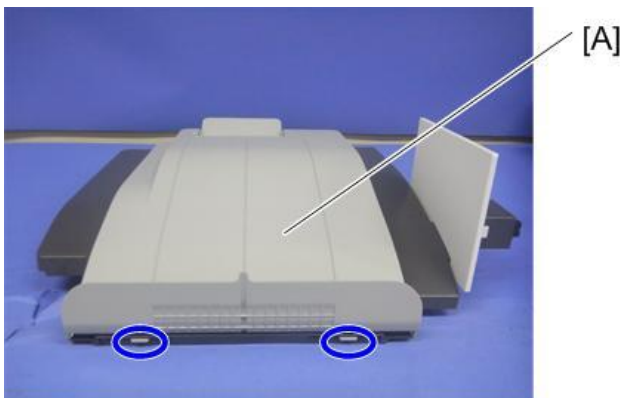
Controller Board (PCB1)

1. Remove the shift tray [A].



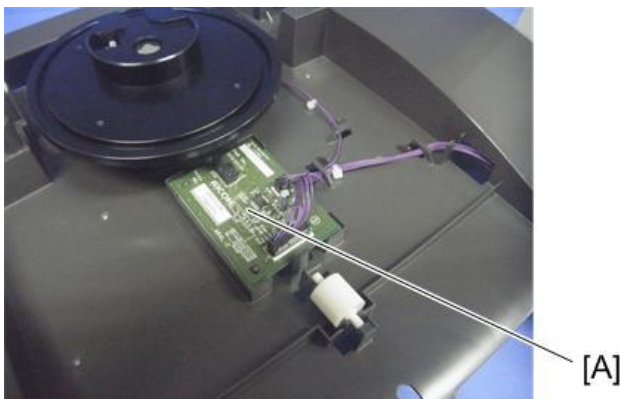
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2. Remove the upper tray [A].



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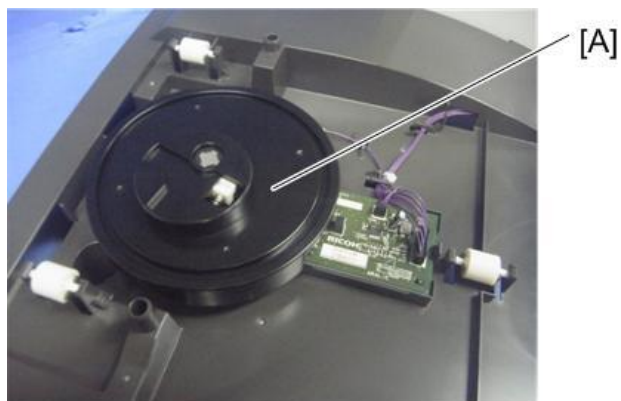
3. Remove the controller board [A].



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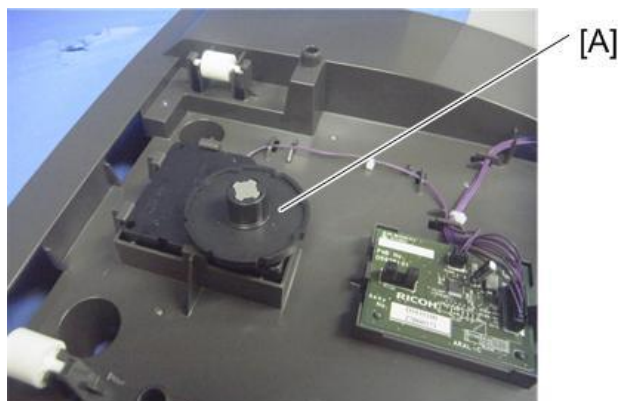
Shift Motor (M1)

1. Remove the upper tray. (Controller Board (PCB1))
2. Remove the interlocking plate [A].



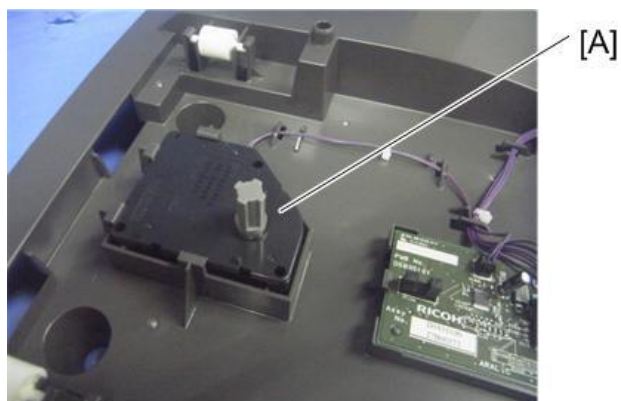
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3. Remove the rotating plate [A].



d1462814

4. Remove the shift motor [A] (📦 ×1).



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