### Side Tray Type M3 Machine Code: D725 Field Service Manual

May, 2016

## Symbols, Abbreviations and Trademarks

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

ß	Clip ring
ŵ <sup>p</sup>	Screw
Ø.	Connector
ş	Clamp
SEF	Short Edge Feed
LEF	Long Edge Feed



[A] Short Edge Feed (SEF)[B] Long Edge Feed (LEF)

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# 1. Replacement and Adjustment

#### Side Tray Motor Unit

1. Upper extension tray [A], Left extension tray [B].



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2. Fixing plate [A] (@\*×1).



3. Side tray [A] (🕬×1).



4. Side tray motor unit cover [A] (<sup>(P)</sup>×2).



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5. Side tray rear cover [A] (@\*×1).



d1462844

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6. Side tray motor unit [A] (\$\$\vec{W}\$ × 3,\$\$\vec{W}\$ × 2).



### Paper Exit Sensor

- 1. Side tray (page 3).
- 2. Paper exit tray [A].



- 3. Side tray motor unit cover (page 3).
- 4. Side tray rear cover (page 3).
- 5. Side tray paper exit cover [A] (@\*×1).



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6. Paper exit switching unit [A] (☞×1, ×1, 膨×1).



d146z0051

7. Paper exit switching unit cover [A] (S\*4).



d146z0049

8. Guide plate [A].



d1462850

9. Guide plate [A] (🕬×1).



10. Paper exit sensor [A] (🕬 ×1).



### Side Tray Paper Exit Sensor

- 1. Paper exit tray (page 7).
- 2. Place the unit upside down.



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3. Side tray paper exit sensor [A] (😂 ×1).



## Paper Exit Tray Set Switch

- 1. Paper exit tray (page 7)
- 2. Paper exit set switch cover [A]



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3. Paper exit tray set switch [A] ( \*1)



### Paper Exit Switching Unit Set Switch

1. Open the paper exit switching unit [A].



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2. Paper exit switching unit switch cover [A]



3. Paper exit switching unit set switch [A] (SX ×1)



## Side Tray Type M3 (D725)

#### Parts Layout



No.	Description	No.	Description
1	1 Paper exit roller		Side tray paper exit sensor
2	2 Paper exit sensor		Transport roller 2
3	Paper junction gate	8	Transport roller 3
4	4 Paper exit switching unit set switch		Paper exit tray set switch
5	Transport roller 1		



No.	Description	No.	Description
1	Side tray motor	5	Paper junction gate solenoid
2	Controller board	6	Paper exit switching unit set switch
3	Side tray paper exit sensor	7	Paper exit tray set switch
4	Paper exit sensor		

#### Mechanism

#### **Drive Mechanism**

The paper exit roller and transport rollers 1-3 are driven by the side tray motor through gears and a timing belt.





#### Paper Transport Mechanism

The paper junction gate solenoid drives the paper junction gate. The paper junction gate changes the path of the paper transported from the main machine's paper exit section to the upper or side paper exit tray.

Paper delivered to the upper paper exit tray is ejected by the paper exit roller, which is provided in the paper exit transport path. On the other hand, paper delivered to the side paper exit tray is transported by the transport roller, which is provided in the transport path. Two sensors detect paper jams.



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