Subject: DP 레지스트 센서 JAM 문제(J9210)에 대한 시정 조치(현장 대응: 급지 필름 붙이기)

Model: DP-7100

Classification:  
- **Field measures timing:**
  - [ ] At Set Up
  - [ ] Next Visit/Service Call
  - [ ] Next Periodic Maintenance
  - [ ] Information only

- **Phenomenon:**
  - [ ] SC/Error
  - [ ] Paper Feeding/Conveying
  - [ ] Other
  - [ ] Machine operation

- **Type of change:**
  - [ ] Hardware
  - [ ] Firmware and Software
  - [ ] Information

Remarks: Enhancement

Due to variation of the parts, if the fulcrum section for the DP upper cover of the DP conveying housing (X: C shape at the rear side of the main unit) is deformed in the left direction of the main unit, the DP upper cover also shifts in the left direction of the main unit depending on the way of setting the original or the media type so that the tip of the original conflicts with the conveying rib (Y) of the BASE DP and there might be the possibility to occur the DP regist sensor stay jam (J9210). Therefore, change is made as follows.

[Content of changes (Permanent measures)]
After August 24, 2018, strengthen the control of the parallelism of the fulcrum section for the DP upper cover of the DP conveying housing. (Due to supporting the inspection in the factory, there is no part number change. And also there is no plan to inform the affected serial numbers.)

[Measures in the field (support by the service person)]
When this phenomenon occurs, affix the paper feed film on the paper feeding surface of the GUIDE PRESS where located at the upper part of the conveying rib of BASE DP. Refer to the page 3 and after for alignment. Based on the above, Paper feed film (2 films as one set) is set as a service part in the field.

(Condition that the DP upper cover is open)

[Positioning of the DP upper cover and the fulcrum boss (X) of the DP conveying housing]

Main unit left direction

`X`

DP upper cover

* If the fulcrum box (X) is deformed in the left direction of the main unit, main unit rear side of the DP upper cover also shifts in the left direction of the main unit.
# Service Bulletin

**Ref. No. 2ND-0115 (189)**  
<Date> October 17, 2018

## Service Information

**Parts for the field service**  
(Not applied to the main unit produced in the factory)

<table>
<thead>
<tr>
<th>No.</th>
<th>Old Part No.</th>
<th>New Part No.</th>
<th>Description</th>
<th>Q'ty</th>
<th>Compatibility</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| 1   | --------------| 303R794120   | PARTS FILM PF GUIDE SET SP | - 1 | - 0          | Parts for the field service  
(2 paper feed films as one set) |

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**Original conveying section after passing the DP regist section**

[Diagram of Original conveying path]

**Sectional drawing**

(Shift the position of the DP upper cover)

<table>
<thead>
<tr>
<th>Z: Conveying rib of GUIDE FEED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z position shifts to the left as well</td>
</tr>
</tbody>
</table>

| Y: Conveying rib of BASE DP |

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**Parts for the field service**

(Not applied to the main unit produced in the factory)

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**Original conveying path**

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**GUIDE PRESS**

**Paper feed film**  
(Yellow in the figure)

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**GUIDE PRESS**

**Paper feed film**

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N00104195; Q1807018; KDCQA-889; J9210; JAM9210

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**Affixing procedure**

(Estimated work time: 15 minutes)

<table>
<thead>
<tr>
<th>No.</th>
<th>Procedure</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Open the DP upper cover (a)</td>
<td><img src="a" alt="Diagram" /></td>
</tr>
<tr>
<td></td>
<td>Remove two screws and detach the DP front cover (c).</td>
<td><img src="b,c" alt="Diagram" /></td>
</tr>
<tr>
<td>2</td>
<td>Remove the stopper (d) located inside the DP front cover (c) and release the strap (e)</td>
<td><img src="d,e" alt="Diagram" /> Arrow view A</td>
</tr>
<tr>
<td>No.</td>
<td>Procedure</td>
<td>Detail</td>
</tr>
<tr>
<td>-----</td>
<td>------------</td>
<td>--------</td>
</tr>
<tr>
<td>3</td>
<td>Pulling the main unit rear side of the DP upper cover in the left direction and release the boss (f) of the DP upper cover from the fulcrum section (g) of the DP conveying housing. Then, Pulling the DP upper cover (a) in the main unit rear direction and pull out the boss (h) located at the main unit front side from the fulcrum section (i) of the DP conveying housing.</td>
<td>(Main unit rear side of the DP upper cover)</td>
</tr>
<tr>
<td>4</td>
<td>Place the DP upper cover on the work table. Remove 4 screws (j)</td>
<td>(Main unit front side)</td>
</tr>
<tr>
<td>5</td>
<td>Insert the flathead screw driver in between COVER PF (k) at both main unit front and rear side and GUIDE FEED (l) and release each 2 positions of the claw (m)</td>
<td>(Main unit front side) (Main unit rear side)</td>
</tr>
</tbody>
</table>
### Service Bulletin

**Ref. No.** 2ND-0115 (I189)

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<tr>
<td>6</td>
<td>Pulling GUIDE FEED (l) in the arrow direction and release 4 positions of the hook (n) and detach.</td>
<td>![Diagram](After separation)</td>
</tr>
<tr>
<td></td>
<td>Remove the spring (p) at the center of GUIDE PRESS (o)</td>
<td>![Diagram](After separation)</td>
</tr>
</tbody>
</table>

**Note:**
- When attaching the spring (p), insert the inner diameter of the spring in the cross boss (q) to fix the spring of GUIDE FEED, and fix it.
- After attaching the spring, turn over GUIDE FEED (l) and make sure to confirm it recovers if pressing the paper feed surface of GUIDE PRESS (o)

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<tr>
<td>7</td>
<td>Push and bend the near position of the fulcrum boss (r) of GUIDE PRESS (o) in the direction of the arrow in the figure, release the fulcrum (r) and detach GUIDE PRESS (o) from GUIDE FEED (l). Note: When attaching GUIDE PRESS (o), make sure to confirm the hook A (s) is located at the front side of the work person and the hook B (t) is located at the rear side of the rib of GUIDE FEED (l) (paper feeding side). And pressing both left and right of the fulcrum boss (r) and fix it. If the paper feed film in the procedure 8 is affixed to GUIDE PRESS (o), make sure to confirm the tip of the paper feed film is in the rear side of the rib of GUIDE FEED (l).</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Clean the affixing surface (u) of the GUIDE PRESS (o) by alcohol and affix the paper feed film (v) (2 films in No.1) according to the alignment showing in the right figure</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Reattach all the parts in the reverse procedures. Note: When attaching GUIDE FEED in COVER PF, (Refer to the procedure 4 to 6) if the actuator (w) comes off, reattach it.</td>
<td></td>
</tr>
</tbody>
</table>