Service Bulletin

Ref. No. 2ND-0097 (I092)

<Date> June 13, 2018

Subject: ARM SIZE DETECTION  선단의 마모로 인한 용지 길이 오검지 대응 * 필드 서비스 대응

<table>
<thead>
<tr>
<th>Model: PF-7100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classification: Field measures timing: □ At Set Up ☒ Next Visit/Service Call ☒ Next Periodic Maintenance □ Information only</td>
</tr>
<tr>
<td>Phenomenon: □ SC/Error □ Image ☒ Paper Feeding/Conveying □ Other</td>
</tr>
<tr>
<td>Type of change: □ Hardware □ Firmware and Software ☒ Information</td>
</tr>
</tbody>
</table>

The following phenomenon might occur in the condition where the paper length guide (the guide to set the trailing edge for paper longitudinal direction) is set to A3, Ledger or SRA3 size in cassette 4. The frame sponge for the field service (No.1) is set as a service part in the field.

[Phenomenon]
The leading edge of ARM SIZE DETECTION (Hereafter referred to as ARM) at the bottom surface of the cassette base coming off from the cassette base and there might be the possibility to misdetect the paper length.

[Cause]
Due to the deflection or the parts variation, the leading edge of ARM in cassette 4 interfere with the metal frame (X) that attaches in the front left frame of the paper feeder (PF-7100) and there might be the possibility to get caught.

Pulling/inserting cassette under the above condition further, there might be the possibility that the leading edge of ARM might come off. Note 1: Since the metal frame is the part attached in the front left frame of the paper feeder (PF-7100) only, this phenomenon does not occur with cassette1,2, upper cassette (cassette 3) of the paper feeder (PF-7100).

Note 2: Affix the frame sponge (No.1) on the metal plate (X)  
Even if the paper length guide is set to A3, Ledger or SRA3, the leading edge of ARM passes through the upper part of the mylar sheet section and it does not interfere with the metal plate. (Plan to inform the permanent measures when finalized)
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Field Measure: When the above phenomenon occurs, perform the following 1 and 2.
(Refer to the following for the details)
1. Re-attach ARM SIZE DETECTION coming-off from the cassette base
2. Affix the frame sponge (No.1) for the field service on the metal plate (X)

First implemented timing at factory: Service support information only

N00101343 ; Q1711012

Parts Table

<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>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>303RB02900</td>
<td>SPONGE FRAME PF</td>
<td>-1</td>
<td>-O</td>
<td>Frame sponge (Service setting only)</td>
</tr>
</tbody>
</table>
## The procedure for the field measures

<table>
<thead>
<tr>
<th>No</th>
<th>Procedure</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>When the phenomenon occurs, the leading edge of ARM SIZE DETECTION (Hereafter referred to as ARM) is coming off. Therefore, re-attach the ARM with the following procedure</td>
<td><img src="image1" alt="PF-7100 (Cassette 4/Bottom)" /> <img src="image2" alt="Finished drawing" /></td>
</tr>
<tr>
<td></td>
<td>- Remove the screw at the center of ARM (A in the right figure)</td>
<td><img src="image3" alt="Figure 1" /></td>
</tr>
<tr>
<td></td>
<td>- Match up the leading edge of ARM with the convex section of the paper length guide (B in the right figure)</td>
<td><img src="image4" alt="Figure 2" /></td>
</tr>
<tr>
<td></td>
<td>- Match up the center round hole section of ARM with the boss of the cassette base (C in the right figure) and install it</td>
<td><img src="image5" alt="Figure 3" /></td>
</tr>
<tr>
<td></td>
<td>- Tighten it with the screw (A in the right figure)</td>
<td><img src="image6" alt="Alignment" /></td>
</tr>
</tbody>
</table>

| 2  | After that, affix the frame sponge (No.1) on the metal plate (X) | ![PF-7100 (Cassette 4/Bottom)](image1) ![Finished drawing](image2) |
|    | - Clean the affixing position of the double sided tape with alcohol. | ![Figure 1](image3) |
|    | - Peel off release paper (a, b, c, d section) of the double sided tape. | ![Figure 2](image4) |
|    | - Affix "a" surface on the machine front surface of the metal plate (X) (Figure 1) (Refer to the [Alignment] for affixing position) | ![Figure 3](image5) |
|    | - Affix "b" surface on the machine front surface of the metal plate (X) (Figure 2) | ![Alignment](image6) |
|    | - Affix "c" and "d" in order (Figure 3) | ![Alignment](image6) |