### Subject:
배출부의 슬리 및 구동 샤프트의 교환, 탈/장착 시 배출 센서 체류잼(J421X) 발생 관련 주의

### Model:
FS-4300DN, FS-4200DN, FS-4100DN, FS-2100DN, FS-2100D, M3560idn, M3550idn, M3540idn, M3040idn, M3540dn, M3040dn, P4040dn, P4035dn, P4045dn, P3060dn, P3055dn, P3050dn, P3045dn, (--> M3660idn, M3655idn, M3645idn, M3145idn, M3645dn, M3145dn

### Classification:
- Field measures timing:
  - At Set Up
  - Next Visit/Service Call
  - Next Periodic Maintenance
  - Information only
- Phenomenon:
  - SC/Error
  - Paper Feeding/Conveying
  - Other
- Type of change:
  - Hardware
  - Firmware and Software
  - Information
- Remarks:
  - A3 engine model: P4040dn, P4035d, P4045dn, A4 engine model: Other than the models listed the left.
  - Related SB:
    - No. 2LV-0074 (G057) Corrective measure for scraping the inner diameter of the PULLEY EXIT FUSER/Abnormal noise
  - Revised ver.:
    - This time the description with (--> is revised from the previous information.

The pulley exit fuser (lower exit pulley, DU feed pulley) is set as the service part in the field by the service bulletin No.2LV-0074 (G057). However, depending on the work condition when replacing or detaching/attaching, the drive shaft might be deformed and there is a concern that this might cause the eject sensor stay jam (J421X) in the continuous feeding of thin paper.

**Note the following when**

1. Replacing and detaching/attaching the pulley exit fuser and the drive shaft
2. Eject sensor stay jam occurs

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**Occurrence sample**

(Rear cover Assy of the A4 model)

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*If the drive shaft is deformed, the behavior of the leading edge of paper at the eject section changes and the leading edge of paper contacts the corrugation material located in the center ("X" of the Fig. 1 in the following page) and eject sensor stay jam might occur.*
1. (→) The drive shaft of the exit section pulley assy should be attached to the guide with the following procedure.

   1-1. Locate the D cut side of the drive shaft in the correct direction (Refer to the figure below "OK" or Fig.1 in the following page) and insert one side of the shaft.

   1-2. Push the edge section of the drive shaft opposite to the inserted side between the fixing ribs with the tip of a flat head screwdriver, etc. (Refer to the Fig. 2 in the following page)

2. To prevent from the abnormal noise, when replacing the pulley exit fuser or the drive shaft, apply Hanal (Part no.: 302LV94550) over the whole circumference in the range from both ends of the drive shaft to 22mm or more, and dry it out for about 30 seconds and after that, attach the pulley exit fuser. (→) Fig. 3: Refer to the service bulletin No. 2LV-0074 (G057))

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**Parts Table**

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*1: A3 engine model (P4040dn, P4035dn, P4045dn): 4 pcs, A4 engine model (Other than the model listed the left): 2 pcs

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**Fig.1**

(Rear Cover Assy)

(Some parts are in the removed condition)
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**Ref. No. 2LV-0101 (H237)**

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#### Position | Pulley type | Machine left side | Machine right side | Enlarged view of the D cut surface
--- | --- | --- | --- | ---
A | Lower output pulley |  |  | Downward
B | Lower output pulley |  |  | Downward
C | DU feed pulley |  |  | Upward

(*) Fig.2 (EX: DU feed pulley (C) of A4 engine model)

1-1. Insert one side of the drive shaft

(*) Fig.3

22mm or more

Pulley exit fuser (302K325320)

* Apply Hanal (302LV94550) to all around of the range from both edge to more than 22mm of the drive shaft. After applying Hanal, dry it out for for 30 seconds and reattach the pulley exit fuser.

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[2. Note when the output sensor stay jam occurs]
If the jam occurs in the condition where the leading edge of paper is caught inside the eject opening, check if the drive shaft of the pulley exit fuser (Lower exit pulley, DU feed pulley) is deformed.

If the drive shaft is deformed, replace with the new one. (Parts table No.1: Set as a service part in this time)

And also, when replacing the drive shaft, note the above No.1 [1. Note when replacing and detaching /attaching the pulley exit fuser and the drive shaft] as well.

And if it is difficult to check the deformation of the drive shaft, when the jam re-occur while feeding thin paper after applying other measures, the drive shaft might be deformed slightly. Therefore, replace with the new one. (It might be possible for applying [EX: Deformation of the drive shaft (2)] in the page 1.)

When replacing the drive shaft, note No.1 in the page 1 [1. Note when replacing and detaching /attaching the pulley exit fuser and the drive shaft]

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Permanent measures (For the machine produce in the factory)

In order to avoid the deformation of the drive shaft of the eject section pulley Assy when assembling in the factory, change is made that using the tool to push the edge section of the drive shaft when attaching the drive shaft. (Same contents described in the procedure 1-2 in the page 1)

The affected models are only the models described in the following list. The models not described have the different shape of the guide to attach the drive shaft so that there is no worry for the deformation at the attachment work of the drive shaft. Therefore, they are not affected.

There might be the possibility to deform the drive shaft for the products (The serial number older than the affected serial number listed below) assembled before this work change. Therefore, when this phenomenon occurs, perform the above No.2 [2. Note when the output sensor stay jam occurs]

[Affected serial number]

*2: The main units with "89" or later of the 4th and 5th digit serial no. apply this change.

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<th>Specification</th>
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<th>Affected serial no.</th>
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## Service Bulletin

**Service Information**

**Revised issue 1**

**Ref. No. 2LV-0101 (H237)**

<Date> September 13, 2018

### Product name | Specification | Item code no. | Affected serial no.
--- | --- | --- | ---

**P3050dn**  
KDA 120V  1102T82US0  VLY8407963  
KDAU  1102T83AS0  VM18701484  
KDAS  1102T83AX0  R1S8600061  
KDKR  1102T83KR0  R1D8500435  
KDTW  1102T8TTW0  R1J8402935  
PHILCOPY  1102T84PH0  *2  
KDCN  1102T83KS0  VZ48503806  
KDE  1102T83NL0  VLZ8421820  
OLIVETTI  1102T83LV0  VYJ8400626  
UTAX/TA  1102T83UT0  VRH8420995

**PG L2550 P-5031DN**

**M3660idn**  
KDA 120V  1102TA2US0  R4L8500230  
KDAU  1102TA4SA0  RGH8500001  
KDAS  1102TA3AS0  R4N8500001  
KDKR  1102TA3AX0  RKC8700001  
KDTW  1102TAATTW0  Plan from the first production (No production yet)  
PHILCOPY  1102TA4PH0  Plan from the first production (No production yet)  
KDE  1102TA3NL0  R4M8400085  
OLIVETTI  1102TA3LV0  RJT8500001  
UTAX/TA  1102TA3UT0  R9B8500031

**d-COPIA 6014MF P-6036i MFP**

**M3655idn**  
KDA 120V  1102TB2US0  R4P8503958  
KDAU  1102TB4SA0  RGG8500001  
KDAS  1102TB3AS0  Plan from the first production (No production yet)  
KDE  1102TB3NL0  R4Q8402492  
OLIVETTI  1102TB3LV0  RJS8500001  
UTAX/TA  1102TB3UT0  R9C8400487

**d-COPIA 5514MF P-5536i MFP**

**FS-4300DN P-6030DN**  
ALL  1102LV****  No production now  

**FS-4200DN PG L2150 P-5036DN**  
ALL  1102L1****  No production now  

**FS-4100DN P-4030D**  
ALL  1102L2****  No production now  

**M3560idn**  
Except below  1102P6****  No production now  

**M3550idn**  
Except below  1102NM****  No production now  

**d-Copica 6004MF**

**KDBR**  1102NM2BR0  V4E8504677  
KDA 220V  1102NM4US0  V4B8512272  
KDE  1102NM3NL0  *2  
KDTR  1102NM3TR0  Plan from the first production (No production yet)  

**d-Copica 5004MF P-5035i MFP**

**FS-3200DN P-3230DN**  
ALL  11022L****  No production now  

**FS-3200DN P-3230DN**  
ALL  11022L****  No production now  

**FS-4300DN P-4330DN**  
ALL  11022L****  No production now  

**FS-4200DN P-4230DN**  
ALL  11022L****  No production now  

**FS-4100DN P-4130DN**  
ALL  11022L****  No production now  

**M3560idn**  
Except below  1102P6****  No production now  

**M3550idn**  
Except below  1102NM****  No production now  

**d-Copica 6004MF**

**KDBR**  1102NM2BR0  V4E8504677  
KDA 220V  1102NM4US0  V4B8512272  
KDE  1102NM3NL0  *2  
KDTR  1102NM3TR0  Plan from the first production (No production yet)