**Service Bulletin**

Ref. No. 2MY-0023 (I111)

August 7, 2018

---

**Subject:** 전원공급장치 PWB 의 콘덴서 손상에 대한 시정 조치

**Model:**
- FS-C8520MFP, FS-C8525MFP, TASKalfa 205c/FS-C8020MFP,
- TASKalfa 255c/FS-C8025MFP, FS-6530MFP, FS-6525MFP,
- TASKalfa 305/FS-6030MFP, TASKalfa 255/FS-6025MFP,
- TASKalfa 255b/FS-6025MFP/B

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

**Phenomenon:**
- □ SC/Error  □ Paper Feeding/Conveying  □ Other
- □ Image  □ Machine operation

**Type of change:**
- □ Hardware  □ Firmware and Software  □ Information

**Remarks:**
- Supplement of *: KDCN models use the different power supply PWB and also this content has already informed to KDE/OLIVETTI specification with the service bulletin No. 2MY-0022 (I110). Therefore, KDE/OLIVETTI/KDCN specification is not affected.

**Related SB:**
- 2K3-0041 (G230), 2KZ-0034 (G231), 2MW-0020 (G201), 2MY-0014(G202)

---

Depending on the installation environment where the power supply noise exceeds the rated voltage of the electrolytic capacitor on the power supply PWB repeatedly, if the main unit is in the condition of the following A or B, the electrical charge of the power supply noise applied repeatedly accumulates in the electrolytic capacitor on the power supply PWB, and there might be the possibility to damage the electrolytic capacitor.

A. The main unit is in the Energy Saver mode (Deep Sleep)
B. Under the condition of the main power switch off, the power code plug is inserted into the external power source in the reverse polarity.

If the electrolytic capacitor gets damaged, the main unit cannot start up and in some cases, there might be the possibility that the big plosive sound is generated. (Generated when the expanded electrolytic capacitor burst up) There will not be any problem in the quick Recovery sleep mode.

**[Content of changes]**
Add the discharge resistor in the both edge of the electrolytic capacitor.

**[New power supply PWB]** *Figure below is the PWB for the color model
(Mounting surface) (Solder surface)

![Add the discharge resistor](image)

Electrolytic capacitor

(Mounting surface) * Figure below is the PWB for the monochrome model

Electrolytic capacitor
Field Measure:
When the above phenomenon arises, apply the following No. 1 and 2 at the same timing. (Note1)

1. Upgrade the firmware using the upgrade pack newer than the following.
   - FS-C8520MFP, FS-C8525MFP: 2MY_V9.01 (Newest version as of August 2018: 2MY_V11.01)
   - TASKalfa 205c/FS-C8020MFP, TASKalfa 255c/FS-C8025MFP: 2KZ_V6.07 (2KZ_V6.08)
   - FS-6530MFP, FS-6525MFP: 2MW_V9.01 (Newest version as of August 2018: 2MW_V11.00)
   - TASKalfa 305/FS-6030MFP, TASKalfa 255/FS-6025MFP, TASKalfa 255b/FS-6025MFP/B: (2K3_V6.05) (Newest version as of August 2018)

2. Replace with the new power supply PWB (No. 1 or No. 2) (Note 1)
   
   **Note 1:** When replacing the power supply PWB, according to the following notes to perform.

### 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>302K094250</td>
<td>302K094251</td>
<td>PARTS LVU MAIN 200 SP</td>
<td>1</td>
<td>1 X O</td>
<td>Color model</td>
</tr>
<tr>
<td>2</td>
<td>302K394122</td>
<td>302K394123</td>
<td>PARTS LVU MAIN 200 SP</td>
<td>1</td>
<td>1 X O</td>
<td>Monochrome model</td>
</tr>
</tbody>
</table>

**Caution when replacing/handling the power supply PWB**

In order to replace/handle the power supply PWB safely, please observe the following caution.

**[Caution before replacing the power supply PWB]**
* For the detaching/attaching procedure, refer to the service manual “chapter 4”.

Perform the following 1 to 5

1. Use the rubber gloves or the anti-static band before starting work. When using the anti-static band, connect the one end to the machine frame (metal section). (Refer to the [Fig.1] below)
   
   **Note:** When replacing the power supply PWB, make sure to perform the above 1 in order not to generate discharging phenomenon due to the static electricity.

2. Stand in front of the main unit and check the current power switch condition located at the left side of the main unit.
   - In case of off, turn the power on
   - In case of on, turn off the power and turn the power on after 5 seconds

KYOCERA Document Solutions Inc.
3. Once the main power is on, [Welcome] will be displayed on the operation panel. The motor drive starts at this time and turn the main power off within 3 seconds after the drive starts. Note: By the above 2 and 3, the electrical charge accumulated in the electrolytic capacitor is discharged.

4. After performing the above 3, unplug the power cord located at the left side of the machine promptly.

5. Remove the rear cover and replace the power supply PWB. (Refer to the service manual “chapter 4” for the following procedure)

[Caution when handling the power supply PWB]
Do not touch the electronic components (excluding the connector) shown in the red frame on the power supply PWB. (Refer to the [FIG.2] to [FIG.5] below)

(Power supply PWB for the color model)

Fig.2

Fig.3

(Power supply PWB for monochrome model)

Fig.4

Fig.5

[Caution when discarding the used power supply PWB]
When discarding the power supply PWB, please wrap it with insulation so that it does not touch other metal parts.
Currently, there is no production of the main unit.

* 2 models below are not affected to this service bulletin since their production is not yet started as of August 2018.
  -256ci for TA/UTAX (1102MY3UT1)
  -FS-C8525MFP for KDTH (1102MY3TH0)

It is possible to identify the power supply PWB if it is the new or old by the following method.

<table>
<thead>
<tr>
<th>Affected model</th>
<th>Part name of the power supply PWB for the field service (New part number)</th>
<th>Affected serial number prefix (1st to 3rd digit serial number)</th>
<th>Identification of new and old</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color model</td>
<td>PARTS LVU MAIN 200 SP (302K094251)</td>
<td>MD3</td>
<td>10 digit code of the 1st line of QR code label affixed to the PWB. 10th digit of [302K04502*] is [1] and after: new PWB.</td>
</tr>
<tr>
<td>Monochrome model</td>
<td>PARTS LVU MAIN 200 SP (302K394123)</td>
<td>MCZ</td>
<td>10 digit code of the 1st line of QR code label affixed to the PWB. 10th digit of [302K34502*] is [3] and after: new PWB.</td>
</tr>
</tbody>
</table>

(For the color model)

QR code label is affixed in the side of the capacitor (It is not possible to see with the above figure)

(For the monochrome model)

QR code label

302K345023 – 01
MPW3067
CA7500001
MADE IN CHINA
MCZ037500001