Subject: service call error C0840 대응 (main PWB 교체)
Model: FS-4300DN, FS-4200DN, FS-4100DN, FS-2100DN, FS-2100D, P4040dn

Classification: Field measures timing: [ ] At Set Up [X] Next Visit/Service Call [ ] Next Periodic Maintenance [ ] Information only
Phenomenon: [X] SC/Error [ ] Image [ ] Paper Feeding/Conveying [ ] Other [ ] Machine operation
Type of change: [X] Hardware [ ] Firmware and Software [ ] Information

다음 A,B로 인하여 service call error C0840 (RTC (Date/Time) error)가 발생할 가능성이 있음.

- 원인 A:
  설치 환경 및 용지 타입(습한 용지)에 따라서, main PWB의 RTC 베타리 회로의 케奋斗目标(C567)의 표면이 응축되어 터미널 사이에 반도체 상태가 됨.
- 원인 B:
  본체가 OFF 모드일 때, PC는 USB 장치로 본체에 연결되고, PC로부터의 전원 공급은 연결시 main PWB의 전원 공급 장치 주위에 루프가 발생시키고 RTC 장치의 통신 제어 터미널의 전압을 상승시킴. 그러면 RTC 장치의 소비 전류가 증가하고 배터리 소비가 가속됨. (배터리가 예상보다 빨리 소모됨.)

[변경 내용]
main PWB가 아래와 같이 변경됨.
1. 케奋斗目标(C567)의 표면을 습기로부터 보호하기 위해, 케奋斗目标(C567)의 표면에, 핫멜트 접착제를 적용.
2. T 베타리 소비 컨트롤을 위해, 저항상수(R562)를 0.39kΩ → 4.7kΩ로 변경.

현장대응:상기 증상 발생시, 새 main PWB 교체.
N00096579; N00096223_SET; N00096557; Q1612016
**Service Bulletin**

Ref. No. 2LV-0095 (H128)  
<Date> September 20, 2017

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**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>Compatiblity</th>
<th>Remarks</th>
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<td>Remarks</td>
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</tbody>
</table>

**Affected model: FS-4300DN, FS-4200DN, FS-4100DN, FS-5040DN (KDTH only), FS-2100DN**

1. 302LV94093  
   2LV94094  
   PARTS PWB ASSY MAIN SP  
   Q’ty: 1  
   Compatiblity: X O  
   Remarks: Except the specification below

2. 302LV94101  
   2LV94102  
   PARTS PWB ASSY MAIN SP EU  
   Q’ty: 1  
   Compatiblity: X O  
   Remarks: KDE, UTAX/TA, OLIVETTI

3. 302LV94381  
   2LV94382  
   PARTS PWB ASSY MAIN SP TW  
   Q’ty: 1  
   Compatiblity: X O  
   Remarks: KDTHW

4. 302LV94392  
   2LV94392  
   PARTS PWB ASSY MAIN SP KR  
   Q’ty: 1  
   Compatiblity: X O  
   Remarks: KDTHW

5. 302LV94402  
   2LV94402  
   PARTS PWB ASSY MAIN SP CN  
   Q’ty: 1  
   Compatiblity: X O  
   Remarks: KDECN

6. 302LV94442  
   2LV94442  
   PARTS PWB ASSY MAIN SP AD  
   Q’ty: 1  
   Compatiblity: X O  
   Remarks: CDK

7. 302LV94570  
   2LV94571  
   PARTS PWB ASSY MAIN SP TH  
   Q’ty: 1  
   Compatiblity: X O  
   Remarks: FS-5040DN (KDTH exclusive model)

**Affected model: FS-2100DN**

8. 302LS94063  
   2LS94064  
   PARTS PWB ASSY MAIN SP  
   Q’ty: 1  
   Compatiblity: X O  
   Remarks: Except the specification below

9. 302LS94071  
   2LS94072  
   PARTS PWB ASSY MAIN SP EU  
   Q’ty: 1  
   Compatiblity: X O  
   Remarks: KDE, UTAX/TA, OLIVETTI

10. 302LS94192  
    2LS94192  
    PARTS PWB ASSY MAIN SP KR  
    Q’ty: 1  
    Compatiblity: X O  
    Remarks: KDTHW

**Affected model: P4040dn, P4035dn, P4045dn**

11. 302P79423  
    2P79423  
    PARTS PWB ASSY MAIN SP  
    Q’ty: 1  
    Compatiblity: X O  
    Remarks: Except the specification below

12. 302P79411  
    2P79411  
    PARTS PWB ASSY MAIN E SP  
    Q’ty: 1  
    Compatiblity: X O  
    Remarks: KDE, UTAX/TA, OLIVETTI *1(PWB which is not supported for Europe Lot6)

13. 302P79433  
    2P79433  
    PARTS PWB ASSY MAIN E SP  
    Q’ty: 1  
    Compatiblity: X O  
    Remarks: KDE, UTAX/TA, OLIVETTI *1(PWB which is supported for Europe Lot6)

14. 302P79429  
    2P79429  
    PARTS PWB ASSY MAIN TW SP  
    Q’ty: 1  
    Compatiblity: X O  
    Remarks: KDTHW

15. 302P79427  
    2P79427  
    PARTS PWB ASSY MAIN KR SP  
    Q’ty: 1  
    Compatiblity: X O  
    Remarks: KDTHW

16. 302P79428  
    2P79428  
    PARTS PWB ASSY MAIN CN SP  
    Q’ty: 1  
    Compatiblity: X O  
    Remarks: KDTHW

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*1: Based on supporting Europe Lot6, there are two types of PWB (PWB not supported for Europe Lot6 (No. 12)) and (PWB supported for Europe Lot6 (No. 13)) for Europe specification. Refer to the details in the service bulletin No. 2P7-0013 (G106) and use the main PWB which is proper to the main unit condition.
<table>
<thead>
<tr>
<th>Product name</th>
<th>Specification</th>
<th>Item code no.</th>
<th>Affected serial no.</th>
<th>new PWB 구별 (PWB의 5 번째 바코드)</th>
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*2: 본체 시리얼 넘버의 4,5 번째 자리가 "76"이후인 경우, 이 변경이 적용됨.

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