**Service Bulletin**

Ref. No. 2R6-0004 (J015)

Date: February 1, 2019

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<table>
<thead>
<tr>
<th><strong>Subject:</strong></th>
<th>대전기 분리 방법(드라이브 기어 재질 변경으로 분리 방법 변경)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model:</strong></td>
<td>TASKalfa 406ci</td>
</tr>
</tbody>
</table>

### Classification:

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

### Remarks:

Related SB No.2R6-0003 (I116) Corrective measures for the black dot image with rusted main charger roller shaft (Revised issue 1)

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Since middle of November 2018 production, the drive gear ("X" below) of the main charger unit is changed to the flame retardant material.

Based on this material change, sliding capability of the drive gear (X) decreases and especially, it is found out that it is hard to detach the main charger unit. Therefore, [Procedure of detaching the main charger unit] is changed as follows. (There is not change in the procedure of attaching the main charger unit)

![Diagram showing the drive gear (X) and its change in color from white to brown](image)

**Note 1:** Due to the material change, the exterior color of the drive gear (X) changes from white to brown.

**Field Measure:** When detaching/attaching the main charger unit, detach it according to the procedure in the next page. (Plan to add this procedure in the service manual at the next revision.)

N00101298; N00100787 (N00100456; N0010786)
[Procedure to detach the main charger unit] (Same procedure for the new and old main charger unit --- Procedure 1 to 4 is common with current one, procedure 5 is the content of changes)

<table>
<thead>
<tr>
<th>No</th>
<th>Procedure</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Open the front cover</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Detach the waste toner box</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Remove the drum unit (a)</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Turn over the drum unit (a)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>While pushing the side (Note 1) of the drive gear (X) in the direction of the arrow Y in Fig. 1 with a small-blade screwdriver, release the lock lever (b) (Note 2) Keep the above condition and pull the main charger unit (c) by pushing it, and detach it from the drum unit (a) (In the order of Fig. 2 arrow ① → ②)</td>
<td></td>
</tr>
</tbody>
</table>

Note 1: Do not push the teeth surface of the drive gear (X) In case of pushing the teeth surface with the screwdriver, teeth of the gear get damaged and there might be the concern to the factor of the abnormal sound.

Note 2: In case of the new main charger unit (Drive gear (X) is brown color), if trying to detach in the current procedure (if the drive gear is not pushed in the arrow Y direction), the drive gear (X) might come off from the main charger unit. (By reattaching the main charger unit to the drum unit immediately, the drive gear (X) can be attached in the original position but make sure to check the operation. If it does not rotate correctly, there might be the concern to occur the abnormal image, etc. therefore, recommend to replace with the new main charge unit)

Serial No. of Affected Machines (Drive gear (X) material change)

The following is the affected serial no. for the main unit/maintenance kit that uses the new main charger unit (Drive gear (X) color is brown)

When detaching the new main charger unit, follow the above procedure

*1: The main units with "91" or later of the 4th and 5th digit serial no. apply this change.
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<table>
<thead>
<tr>
<th>KDAS</th>
<th>1102R63AX0</th>
<th>VH68Z00149</th>
</tr>
</thead>
<tbody>
<tr>
<td>KDT (Specific customer)</td>
<td>1102R63TH0</td>
<td>*1</td>
</tr>
<tr>
<td>KDKR</td>
<td>1102R63KR0</td>
<td>*1</td>
</tr>
<tr>
<td>KDTW</td>
<td>1102R6TTW0</td>
<td>*1</td>
</tr>
<tr>
<td>PHILCOPY</td>
<td>1102R64PH0</td>
<td>From first production (No production yet)</td>
</tr>
<tr>
<td>KDCN</td>
<td>1102R63KS0</td>
<td>*1</td>
</tr>
<tr>
<td>KDE</td>
<td>1102R63NL0</td>
<td>V798Z05650</td>
</tr>
<tr>
<td>TA/UTAX</td>
<td>1102R63UT0</td>
<td>W3A8Z01026</td>
</tr>
</tbody>
</table>

**MK-5215B**

- 400ci
- KDAS
- KDT (Specific customer)
- KDKR

**MK-5218B**

- KDCN
- 1702R60UN0
- *1

**MK-5217A**

- KDA 120V, CopyStar KDBR
- KDA 220V

**MK-5215A**

- KDAU, KDAS, KDT, PHILCOPY, KDE, TA/UTAX
- 1702R68NL0
- W288Z00257
- KDKR
- 1702R68KR0
- From first production (No production yet)
- KDTW
- 1702R6TTW0
- From first production (No production yet)

**MK-5218A**

- KDCN
- 1702R68KS0
- *1

### The following is the serial no. of the drum unit that has the new main charger unit mounted (The way to identify)

**EX: [EGD038Z68020]**

<table>
<thead>
<tr>
<th>1st to 3rd digit of the serial no. (Prefix)</th>
<th>Type of the drum unit</th>
<th>5th digit of the serial no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGD</td>
<td>Drum unit K, C, M for the factory (Except KDTW)</td>
<td>After [3]</td>
</tr>
<tr>
<td></td>
<td>Drum unit bundled in the maintenance kit</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Drum unit DK-5215 for the field service</td>
<td></td>
</tr>
<tr>
<td></td>
<td>302R69302_302R69C02_302R69K02</td>
<td></td>
</tr>
<tr>
<td>EGE</td>
<td>Drum unit Y for the factory (Except KDTW)</td>
<td>After [2]</td>
</tr>
<tr>
<td>EXD</td>
<td>Drum unit K, C, M for the factory (KDTW)</td>
<td>After [1]</td>
</tr>
<tr>
<td>EXE</td>
<td>Drum unit Y for the factory (KDTW)</td>
<td>After [1]</td>
</tr>
</tbody>
</table>

*In the middle of production of the last digit [2] for the drum unit for the field service (The above 3 items) and the main charger unit (302R69303_/302R69K03_), the material of the drive gear (X) is changed. It is possible to identify if they are new or old by 5th digit of the serial no. printed on the barcode label of the drum unit or the exterior appearance of the drive gear (X).*