



## Ricoh IM350 drum unit rebuild instructions – English

(Also watch the video)

### Tools and materials needed to rebuild the drum unit

- **PH#2 screwdriver**
- **Small flat-head screwdriver**
- **Toner vacuum cleaner**
- **Conductive grease**
- **Small piece of double-sided adhesive tape**
- **CET products:**
  - **281030 Drum Cleaning Blade**
  - **241013 PCR Cleaning Roller**
  - **251036 Primary Charge Roller (PCR)**
  - **101035 OPC Drum**
  - **391025 Drum Chip**

Step	Instructions
1.	Drum Unit rebuild instructions for Ricoh IM350, IM350F, IM430F, IM430Fb, P501, P502
2.	Remove the drum unit bottom spring-loaded plate, carefully prying it off with a small flat-head screwdriver on both sides
3.	Do not lose the springs and spring fixtures that fall out at this step
4.	Remove the two screws from the drum unit top cover using a PH#2 screwdriver, then remove the drum unit top cover
5.	Remove the drum shutter, pulling out the side arms from the drum unit
6.	Remove the screw from the drive side cover using a PH#2 screwdriver, then remove the drive side cover
7.	Separate the developer roller section from the drum unit and set the developer roller section aside
8.	Remove the screw from the contact side cover on the drum unit using a PH#2 screwdriver, then remove the contact side cover
9.	Remove the OPC drum hub on the drive side, then remove the OPC drum
10.	Unsnap the plastic cover
11.	Remove the PCR, carefully prying out its contact end with a small flat-head screwdriver
12.	Pry out the PCR saddle on the drive side carefully using a small flat-head screwdriver, then remove it together with the PCR cleaning roller
13.	Remove the two screws from the drum cleaning blade using a PH#2 screwdriver, then pry out the drum cleaning blade with a small flat-head screwdriver
14.	Remove the waste toner with a toner vacuum <i>Warning:</i> <i>Do not use a conventional vacuum</i>
15.	Take out the new CET drum cleaning blade, <b>CET281030</b>
16.	Reinstall the new drum cleaning blade into the drum unit, then secure it with two screws using a PH#2 screwdriver
17.	Take out the new CET PCR cleaning roller, <b>CET241013</b>

18.	Reinstall the PCR saddle onto the new PCR cleaning roller axle, then reinstall them into the drum unit
19.	Re-apply a small amount of conductive grease onto the PCR contact if necessary 
20.	Take out the new CET Primary Charge Roller (PCR), <b>CET251036</b>
21.	The narrowed end of the PCR is directed to the contact side of the drum unit 
22.	Remove the protective wrapping, then reinstall the new PCR into the drum unit <i>Warning:</i> <i>Wear clean disposable gloves or do not touch the working surface of the PCR with bare hands</i>
23.	Take out the new CET OPC drum, <b>CET101035</b>
24.	Remove the protective wrapping, then reinstall the new OPC drum into the drum unit <i>Warning:</i> <i>Wear clean disposable gloves or do not touch the working surface of the OPC drum with bare hands</i>
25.	Reinstall the OPC drum hub on the drive side
26.	Reinstall the contact side cover, then secure it with a screw using a PH#2 screwdriver
27.	Reinstall the plastic cover, snapping its latches
28.	Attach the developer roller section to the drum unit
29.	Reinstall the drive side cover, then secure it with a screw using a PH#2 screwdriver
30.	Reinstall the drum shutter inserting the pins on the arms into the corresponding holes on the drum unit
31.	Reinstall the drum unit top cover, then secure it with two screws using a PH#2 screwdriver
32.	Reinstall the drum unit bottom cover
33.	Reinstall the springs on both sides, then secure them with their plastic fixtures
34.	Remove the old drum unit chip using a small flat-head screwdriver to help pry it out
35.	Take out the new CET drum unit chip, <b>CET391025</b>
36.	Reinstall the new drum unit chip onto the drum unit using a small piece of double-sided adhesive tape
37.	To find the components used in this video please visit our web site <a href="http://www.cetgroupco.com">www.cetgroupco.com</a>