

Konica Minolta C250i 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
- Needle nose pliers
- Toner vacuum cleaner
- Cotton swabs
- Lint free cloth
- Conductive grease
- CET part numbers:
 - CET281046 Drum cleaning blade - Black
 - CET281041 Drum cleaning blade – C/M/Y
 - CET251053 PCR
 - CET7167 PCR cleaning roller
 - CET101075 OPC drum
 - CET391010 Drum unit chip – Black
 - CET391011 Drum unit chip - C/M/Y

Step	Instructions
1.	OEM Konica Minolta Bizhub C250i, C300i, C360i Drum Unit rebuild using CET components
2.	Unscrew the drum drive gear clockwise
3.	Remove the three screws from the rear end cover with a PH#2 screwdriver. Then remove the rear end cover.
4.	Remove the OPC drum by gently pushing it away from the rear and lifting it out
5.	Unsnap the plastic cover that is over the primary charge roller (PCR) assembly
6.	Remove the PCR assembly
7.	Remove the three screws from the cleaning blade with a PH#2 screwdriver
8.	Remove the cleaning blade, carefully prying it from the bottom with a small flat head screwdriver
9.	You may find plastic shims under the cleaning blade. These shims may have different thicknesses. <i>If you remove the shims, note the location of each shim so you can put them back correctly.</i>
10.	Remove waste toner with a toner vacuum. Do not use a conventional vacuum cleaner.
11.	If you left plastic shims in place, do not mistakenly vacuum them up
12.	Wipe the recovery blade with a dry, clean, lint free cloth
13.	Take out the new CET cleaning blade (CET281046 – Black, CET281041 – C/M/Y)
14.	Prior to reinstalling the cleaning blade, make sure all the plastic shims are in their original locations
15.	Reinstall the new cleaning blade
16.	Lift up the corners of the recovery blade so the cleaning blade fits under the recovery blade corners. Use a small flat head screwdriver.
17.	Secure the cleaning blade with three screws using a PH#2 screwdriver
18.	Remove the saddles from the PCR assembly

19.	Take out the new PCR and the PCR cleaning roller (CET251053 and CET7167) and remove their wrappers. Wear clean disposable gloves or do not touch the PCR working surface with bare hands
20.	Clean both saddles with a cotton swab, then apply a small amount of conductive grease into the black saddle
21.	When reinstalling the PCR assembly, align the ends of the saddle springs with the corresponding posts in the drum unit
22.	Clean the PCR contact with a cotton swab, then apply a small amount of conductive grease where the contact meets the end of the PCR
23.	Reinstall the PCR and the PCR cleaning roller into the drum unit
24.	Make sure the PCR is moveable and spring loaded
25.	Align the tabs on the plastic cover with the gaps on the drum unit
26.	Attach the plastic cover to the drum unit
27.	Remove the spacer arms from both sides of the drum axle
28.	Remove the clip from the drum axle using a small flat head screwdriver
29.	Pull the drum axle out of the old OPC drum. Do not lose the metal pin.
30.	Take out the new CET OPC drum (CET101075). Leave the protective wrap on.
31.	Insert the drum axle into the new OPC drum from the gear side
32.	Align the metal pin on the drum axle with the groove on the drum gear
33.	Secure the drum onto the axle with the clip using a needle nose pliers
34.	Reinstall the spacer arms on both sides of the drum axle
35.	Make sure the spacer arms are installed correctly
36.	Reinstall the new drum into the drum unit
37.	Make sure the spacer arms are aligned with the corresponding gaps on the front end of the drum unit
38.	Reinstall the rear end cover
39.	Make sure the spacer arms are aligned with the corresponding gaps on the rear end of the drum unit
40.	Secure the rear end cover with three screws using a PH#2 screwdriver
41.	Screw the drum drive gear counterclockwise
42.	Make sure the corners of the recovery blade are not bent out. Use a small flat head screwdriver to gently push them in if necessary.
43.	Remove the old OEM chip by prying it up with a small flat head screwdriver and breaking its corner. Be sure to remove the piece of broken chip as well.
44.	Take out the new drum unit chip (CET391010 – Black, CET391011- C/M/Y)
45.	Slide the gapped corner of the chip under the pin to secure the chip on the drum unit. Use a small flat head screwdriver to snap the other end of the chip in place.
46.	Rotate the drum in working direction to make sure it rotates smoothly
47.	After installing the rebuilt drum unit into a machine, run "Gradation Adjust" procedure
48.	To find the components used in this video please visit our online catalog www.cetgroupusa.com or web site www.cetgroupco.com .