

Konica Minolta DU-105, DU-106 drum unit rebuild instructions


(Also see our video)

Tools and materials needed to rebuild the drum unit

- **PH#2 screwdriver PH#2**
- **Small flat head screwdriver**
- **Needle nose pliers**
- **Toner vacuum cleaner**
- **Disposable gloves**
- **CET products:**
 - **CET281005, drum cleaning blade CET281005,**
 - **CET561004, drum lubricant bar CET561004,**
 - **CET241003, lubricant application brush roller CET241003,**
 - **CET101012, OPC drum,**
 - **Or use, CET501022, drum unit rebuild kit containing all of the components above**

Steps	Instructions
1.	Drum Unit rebuild instructions for use in Konica Minolta DU-105, DU-106. : Bizhub Pro C1060L, Bizhub PRESS C1060/C1070/C1070P/C71hc, AccurioPrint C2060L/C3070L, AccurioPress C2060/C2070/C2070P, AccurioPress C3070/C3070L/C3080/C3080P, AccurioPress C73hc/C83hc
2.	Remove the drum unit from the machine
3.	Remove the four screws holding the metal support plate using a PH#2 screwdriver, then remove the metal support plate
4.	Remove the cleaning blade tension springs on both sides of the drum unit
5.	Remove the three black screws holding the OPC drum support bearing using a PH#2 screwdriver
6.	Remove the three black screws holding the OPC drum support bearing on other side of the drum unit using a PH#2 screwdriver
7.	Remove the two screws securing the black plastic shim using a PH#2 screwdriver, then remove the black plastic shim
8.	Remove the OPC drum support bearing carefully prying it off with a small flat head screwdriver
9.	Remove the two screws securing the black plastic shim on the other side of the drum unit using a PH#2 screwdriver, then remove the black plastic shim
10.	Remove the OPC drum support bearing on other side of the drum unit carefully prying it off with a small flat head screwdriver
11.	Remove the OPC drum from the drum unit housing and set the drum aside
12.	Remove the two clips (metal and plastic) from the drum unit housing (the side without the waste auger) using a small flat head screwdriver to pry them off if needed, then remove the two white gears
13.	Remove the white plastic bushing

14.	Remove the two screws securing the black plastic cover using a PH#2 screwdriver, then remove the black plastic cover
15.	Remove the clip from the brush roller axle using a small flat head screwdriver to help pry it off
16.	Remove the five screws securing the OPC drum plate using a PH#2 screwdriver, then remove the OPC drum support plate
17.	On the waste auger side of the drum unit housing, remove the screw securing the metal bracket using a PH#2 screwdriver, then remove the metal bracket
18.	On the same side of the drum unit housing, remove the three screws securing the OPC drum support plate using a PH#2 screwdriver, then remove the OPC drum support plate
19.	Remove the other clip from the brush roller axle using a small flat head screwdriver to help pry it off
20.	Remove the screw, holding the brush roller bushing using a PH#2 screwdriver, then remove the brush roller and its bushings
21.	Remove the drum lubricant bar and its springs
22.	Remove the threaded screws holding the cleaning blade on each side using a PH#2 screwdriver, then remove the cleaning blade
23.	Remove the waste toner with a toner vacuum <i>Warning: Do not use a conventional vacuum</i>
24.	Take out the new CET drum cleaning blade, CET281005. <i>Note: CET also carries a drum unit rebuild kit, CET501022, that contains a drum cleaning blade, drum lubricant bar, lubricant application brush roller, and an OPC drum.</i>
25.	Reinstall the drum cleaning blade into the drum unit
26.	Secure the drum cleaning blade with the threaded screws on both sides using a PH#2 screwdriver
27.	Take out the new CET drum lubricant bar, CET561004.
28.	Reinstall the white plastic parts from the old drum lubricant bar onto the new one using a PH#2 screwdriver
29.	Reinstall the new drum lubricant bar and its springs into the drum unit
30.	Take out the new CET lubricant application brush roller, CET241003
31.	Reinstall the new application brush roller into the drum unit, using a small flat head screwdriver if necessary
32.	Reinstall the bushings onto the brush roller axle on both sides
33.	Secure the bushings with screws on both sides using a PH#2 screwdriver
34.	Reinstall the clips onto the brush roller axle on both sides using a needle nose pliers
35.	Reinstall the OPC drum support plate on the side without the waste auger, then secure it with three screws using a PH#2 screwdriver
36.	Reinstall the threaded screw using a PH#2 screwdriver
37.	Reinstall the other OPC drum support plate on the side with the waste auger, then secure it with two screws using a PH#2 screwdriver
38.	Reinstall the metal bracket, then secure it with a screw that has a washer using a PH#2 screwdriver
39.	Reinstall the threaded screw using a PH#2 screwdriver
40.	Reinstall the black plastic cover on the side without the waste auger, then secure it with two screws using a PH#2 screwdriver
41.	Reinstall the white bushing
42.	Reinstall the two white gears, then secure them with the clips (metal and plastic) using a needle nose pliers

<p>43.</p>	<p>Take out the new CET OPC drum, CET101012. <i>Warning: Wear clean disposable gloves or do not touch the working surface of the OPC drum with bare hands</i></p>
<p>44.</p>	<p>Carefully place the new OPC drum into the drum unit The metal OPC drum drive hub goes to the waste auger side</p> 
<p>45.</p>	<p>Temporarily cover the OPC drum with the black wrapping</p>
<p>46.</p>	<p>Reinstall the OPC drum support bearings on both sides of the drum unit</p>
<p>47.</p>	<p>Secure the bearings with the black screws using a PH#2 screwdriver – 3 on each side</p>
<p>48.</p>	<p>Reinstall the black plastic shim, then secure it with two screws using a PH#2 screwdriver</p>
<p>49.</p>	<p>Reinstall the black plastic shim on other side, then secure it with two screws using a PH#2 screwdriver</p>
<p>50.</p>	<p>Reinstall the metal support plate, then secure it with four screws using a PH#2 screwdriver</p>
<p>51.</p>	<p>Attach the cleaning blade tension springs on both sides using a needle nose pliers</p>
<p>52.</p>	<p>Remove the black protective wrapping from the OPC drum and install the drum unit back into the machine</p>
<p>53.</p>	<p>To find the components used in this video please visit our web site www.cetgroupco.com</p>