

Instructions to rebuild the OEM Konica Minolta C224 fuser unit
(see video as well)

Tools and materials needed to rebuild the fuser unit	
	<ul style="list-style-type: none"> • PH#2 screwdriver • Small flat bit screwdriver • Tweezers • Needle nose pliers • Hook tool • Lint free cloth • Cotton swabs • 90%-99% Isopropyl alcohol • Disposable gloves • CET part nos. CET7014 Fixing Film, CET7015 Lower Pressure Roller
Step #	Rebuilding Steps
1	Start with the OEM fuser unit for Konica Minolta Bizhub C224, C284, C364
2	Remove the side covers
3	Remove the rear cover
4	Remove the front cover
5	Remove the bottom cover
6	Disconnect the wires from the thermoswitch
7	Release the lamp wires
9	Release the lamp wire and the sensors' wires
10	Remove the plastic holder with the pressure release sensor
11	Remove the lamp holder
12	Remove the other lamp holder
13	Carefully pull the lamp out
14	Remove the metal support plate
15	Remove the plastic hub, the gear and the arm with the spring
16	Remove the metal support plate
17	Remove the arm with the spring
18	Remove the tension springs
19	Pull out the pins on both sides
20	Remove the pressure roller assembly
21	Remove the separation pawls assembly screws
22	Carefully remove the separation pawls assembly
23	Slide the metal bar aside, then remove it
24	Remove the clip, the cam and the bushing
25	Pull the axle out
26	Remove the metal bar
27	Remove the bearing holder
28	Remove the clip

29	Remove the other bearing holder
30	Remove the clip
31	Remove the bearings
32	Remove the support plate
33	Remove the fixing belt together with the rollers, pull the rollers out from the belt
34	Remove the bushings from the heat roller
35	Thoroughly clean the heat roller with isopropyl alcohol and a lint free cloth
36	Thoroughly clean the bushings with isopropyl alcohol and a lint free cloth
37	Reinstall the bushings onto the heat roller
38	Clean the surface of the inner pressure roller with isopropyl alcohol and a lint free cloth
39	Take out the new fixing belt (CET part no. CET7014)
40	Carefully insert the rollers inside the belt
41	Clean the thermistors with isopropyl alcohol or acetone and a cotton swab
42	Remove the support plate
43	Insert one end of the heat roller into the bearing, place the inner pressure roller axle into the bearing hole
44	Reinstall the other support plate the same manner
45	Carefully reinstall the joint bar
46	Secure the support plates to the joint bar with screws
47	Reinstall the other metal bar
48	Reinstall the inner pressure roller bearings
49	Secure the roller with a clip using a needle nose pliers
50	Reinstall the bearing holder
51	Secure the other end of the roller with a clip using a needle nose pliers
52	Reinstall the bearing holder
53	Reinstall the metal bar
54	Clean the surface of the fixing belt with isopropyl alcohol and a lint free cloth
55	Reinstall the bushing with a tweezers
56	Reinstall the axle
57	Reinstall the other bushing with a tweezers
58	Reinstall the cam with a tweezers
59	Secure the cam with a clip using a needle nose pliers
60	Carefully reinstall the separation pawls assembly
61	Secure the separation pawls assembly with screws
62	Make sure the pawls do NOT touch the fixing belt
63	Remove the pressure roller drive gear
64	Remove the bearing holder
65	Remove the clip
66	Remove the other bearing holder
67	Remove the clip
68	Remove the bearings
69	Clean the pressure roller pawls with isopropyl alcohol and a lint free cloth

70	Take out the new pressure roller (CET part no. CET7015)
71	Slide the pressure roller into the holes. Be sure the short end of the axle is on the same side as the green handle.
72	Reinstall the bearings
73	Secure the pressure roller with clips using a needle nose pliers
74	Reinstall the bearing holders
75	Reinstall the pressure roller drive gear using a needle nose pliers. You may need to tap the pin in so that it is centered.
76	Clean the pressure roller surface with isopropyl alcohol and a lint free cloth
77	Reinstall the pressure roller assembly
78	Secure the pressure roller assembly with the pins Be sure the short pin is in the side with the green handle and the long pin in the other side.
79	Reinstall the tension springs with a hook tool
80	Reinstall the arm. The arm on this side does not have a sensor actuator. Make sure the spring hook is in the gap and the post is in the hole.
81	Reinstall the gear and the plastic hub
82	Align the notch on the axle with the notch in the hole on the support plate
83	Reinstall the support plate
84	Secure the support plate with screws
85	Reinstall the arm on the non-gear side. The arm on this side has a sensor actuator. Make sure the spring hook is in the gap and the post is in the hole near the sensor actuator.
86	Align the notch on the axle with the notch in the hole on the support plate
87	Reinstall the support plate
88	Secure the support plate with screws
89	Carefully thread the lamp in the heat roller
90	If you touched the glass portion of the heat lamp with bare hands, clean it with isopropyl alcohol and a lint free cloth
91	Reinstall the lamp holder
92	Align the guide on the lamp with the gap on the holder
93	Reinstall the other lamp holder
94	Reinstall the plastic holder with the pressure release sensor
95	Thread the wires into the channels using a needle nose pliers
96	Reconnect the lamp wire to the thermoswitch using a tweezers
97	Thread the lamp wires into the channel
98	Reconnect the lamp wires to the thermoswitch using a tweezers
99	Reinstall the rear cover using the correct special screw.
100	Reinstall the bottom cover
101	Reinstall the front cover using the correct special screw
102	Reinstall the side covers
103	After installing the rebuilt fuser unit into a machine, it is necessary to enter the service mode and reset the fuser unit counter

104	Enter the service mode: Menu - Counter - Stop - 0 - 0 - Stop - 0- 1
105	Select: Counter - Life - New Release - Fusing Unit
106	Open the front door then press Start
107	To find the components used in this video please visit our web site www.cetgroupco.com