

RICOH Aficio MP301SP drum unit rebuild instructions – English

(See video as well)

Tools and materials needed to rebuild the fuser unit

- PH#2 screwdriver
- Small flat head screwdriver
- Needle-nose pliers
- Toner vacuum cleaner
- Cotton swabs
- Lint free cloth
- Conductive grease
- Scissors

Order	Current subtitles
1	Drum unit rebuild instructions for Ricoh Aficio MP301SP/301SPF
2	Remove the two screws, then remove the drum unit front cover
3	Remove the screw, then remove the joint plate
4	Pull out the mag roller drive gear using needle-nose pliers or tweezers
5	Remove the three screws, then remove the drum unit rear cover, carefully releasing its latches
6	Remove the screw, then separate the drum section from the developer section
7	Carefully peel off the mag roller side seal
8	Separate the mag roller section from the developer section, lifting it and sliding to the front side
9	Remove the screws on both sides of the developer section
10	Remove the developer section upper casing, unsnapping its latches
11	Remove the three screws holding the developer section top cover
12	Remove the developer section top cover unsnapping its latches
13	Pour out the old developer from the casing
14	Pour out the old developer from the mag roller section
15	Clean the developer section components from the old developer with a toner vacuum
16	Warning: Do not use a conventional vacuum
17	Clean the mag roller with a lint free cloth dampened with 99% isopropyl alcohol
18	Wipe the other developer section components with a lint free cloth
19	Take out the new CET developer gear kit
20	CET6007 Developer Gear Kit
21	Replace the five old gears with the new ones
22	Reinstall the two stirring rods into the casing
23	Reinstall the developer section top cover snapping its latches
24	Secure the developer section top cover with three screws
25	Reinstall the developer section upper casing, then secure it with two screws
26	Take out the new CET developer
27	CET8881 Developer
28	Shake the developer in the bag, then cut the corner of the bag

29	Carefully pour the new developer from the bag into the developer section
30	Note: Evenly spread the developer across the stirring rods
31	If necessary, clean the adhesive on the mag roller side seal with isopropyl alcohol to restore its stickiness
32	Reinstall the mag roller section into the developer section
33	Temporarily install the mag roller gear onto the mag roller shaft, then make several rotations to distribute the developer
34	Adhere the mag roller side seal to the developer section casing
35	Remove the old OPC drum from the drum section
36	Remove the old PCR prying off its saddles
37	Remove the PCR cleaning roller and its saddles
38	Remove the two screws, then remove the drum cleaning blade
39	Remove the waste toner with a toner vacuum
40	Warning: Do not use a conventional vacuum
41	Take out the new CET drum cleaning blade
42	CET4642 Drum cleaning blade
43	Reinstall the new drum cleaning blade into the drum section, then secure it with two screws
44	Wipe the PCR cleaning roller with a clean, dry, lint free cloth
45	Clean the PCR cleaning roller saddles with a cotton swab
46	Reinstall the PCR cleaning roller saddles into the drum section, then reinstall the PCR cleaning roller
47	Warning: Wear clean disposable gloves or do not touch the working surface of the roller with bare hands
48	Remove the PCR saddles from the old PCR, then clean the saddles with a cotton swab
49	Take out the new CET PCR
50	CET6201 Primary Charge Roller
51	Apply a small amount of conductive grease into the black PCR saddle
52	Reinstall the PCR saddles onto the new PCR
53	The coned end of the PCR goes to the black saddle
54	Warning: Wear clean disposable gloves or do not touch the working surface of the PCR with bare hands
55	Reinstall the new PCR into the drum section
56	The black PCR saddle goes to the rear side
57	Take out the new CET OPC drum
58	CET101091 OPC Drum
59	Reinstall the new OPC drum into the drum section
60	Carefully attach the drum section to the developer section
61	Make sure the tab on the drum section is aligned with the gap on the developer unit section
62	Reinstall the drum unit rear cover, then secure it with three screws
63	Reinstall the mag roller drive gear
64	Reinstall the joint plate, then secure it with a screw

65	Reinstall the drum unit front cover, then secure it with two screws
66	Secure the drum section to the developer section with a screw
67	Warning: To initialize the new developer, perform SP2801-001 routine in service mode
68	To find the components used in this video please visit our website www.cetgroupco.com