

## KYOCERA ECOSYS MA4500ifx 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
- Toner vacuum cleaner
- Lint free cloth
- Cotton swabs
- Toothpick
- Permalub G-2 (CK-0551) grease
- Conductive grease
- CET Products:
  - CET501035  
 Long Life Drum Unit Rebuild Kit:  
 1, Long Life a-Si Drum (OEM)  
 1, Double Layer Drum Cleaning Blade  
 1, Primary Charge Roller

Order	Steps
1	Drum unit rebuild instructions for KYOCERA: FS-2100DN/4100DN/4200DN/4300DN, ECOSYS P3045dn/3050dn/P3055dn/P3060dn, P3145dn/3150dn/P3155dn, PA4500x/5000x/5500x/6000x, M3040dn/3040idn, M3145idn/M3645idn, M3540dn/3540idn/M3550idn/3560idn, M3655idn/3660idn, M3860idn/3860idnf, MA4500ifx/4500x/5500ifx/6000ifx RICOH: MP501SPF/601SPF, SP5300DN/5310DN, M550F/500FG/600F/600SRF/600RFG, P800/801
2	Unsnap the latch, then remove the PCR assembly
3	Remove the four screws
4	Remove the left metal end plate, unhooking the contact spring from the tab
5	Unplug the cleaning lamp connector, then release its cable
6	Remove the four screws, then remove the right metal end plate
7	Carefully detach the drum assembly from the drum unit
8	Remove the metal clip and the plastic clip from the drum axle
9	Remove the white drum hub, then pull out the drum axle
10	Remove the drum
11	Remove the two screws, then remove the drum cleaning blade
12	Remove the waste toner with a toner vacuum
13	Warning: Do not use a conventional vacuum
14	Unpack the new CET Drum Unit Rebuild Kit

<b>15</b>	CET501035 Drum Unit Rebuild Kit Primary Charge Roller Double Layer Cleaning Blade a-Si Drum
<b>16</b>	Install the new Double Layer Drum Cleaning Blade by aligning the holes in the blade holder with the corresponding posts.
<b>17</b>	Secure the drum cleaning blade with two screws
<b>18</b>	Take out the new CET a-Si drum
<b>19</b>	Wipe the white drum hub with a dry lint free cloth
<b>20</b>	Apply a small amount of Permalub G-2 (CK-0551) grease into the hub
<b>21</b>	Carefully reinstall the new a-Si drum into the drum section
<b>22</b>	Reinstall the white drum hub
<b>23</b>	Insert the drum axle into the drum
<b>24</b>	Keyed end is directed to non-drive side
<b>25</b>	Do not remove conductive grease on the contact area or re-apply fresh one
<b>26</b>	Reinstall the plastic clip and the metal clip on the axle
<b>27</b>	Carefully attach the drum section to the drum unit
<b>28</b>	Reinstall the right metal end plate, then secure it with four screws
<b>29</b>	Arrange the cleaning lamp cable into the channel
<b>30</b>	Attach the contact spring to the tab on the left metal end plate
<b>31</b>	Reinstall the left metal end plate, then secure it with four screws
<b>32</b>	Plug in the cleaning lamp connector
<b>33</b>	Remove the white plastic cap and the spring unsnapping the latch
<b>34</b>	Pry out the PCR cleaning drive gear
<b>35</b>	Pry out the PCR saddles to remove the PCR and cleaning roller from the casing
<b>36</b>	Remove the contact PCR saddle and the old PCR
<b>37</b>	Vacuum the PCR cleaning roller with a toner vacuum
<b>38</b>	Clean the PCR saddles with a cotton swab
<b>39</b>	Apply a small amount of conductive grease into the contact PCR saddle
<b>40</b>	Wipe the casing with a lint free cloth, use isopropyl alcohol if necessary
<b>41</b>	Take out the new CET PCR
<b>42</b>	Warning: Wear clean disposable gloves or do not touch the working surface of the PCR with bare hands
<b>43</b>	Reinstall the PCR saddles onto the new PCR
<b>44</b>	The contact saddle goes onto the longer shaft
<b>45</b>	Reinstall the PCR and PCR cleaning roller into the casing
<b>46</b>	Make sure the PCR is moveable and spring-loaded
<b>47</b>	Reinstall the PCR cleaning drive gear
<b>48</b>	Reinstall the spring and white plastic cap
<b>49</b>	Reinstall the PCR assembly into the drum unit
	To find the components used in this video please visit our website <a href="http://www.cetgroupco.com">www.cetgroupco.com</a>