



QMS2300DCTECH

**Technical Instructions**

**Cartridge Information**

**Tools & Supplies 1**

See Last Page.

See Last Page.

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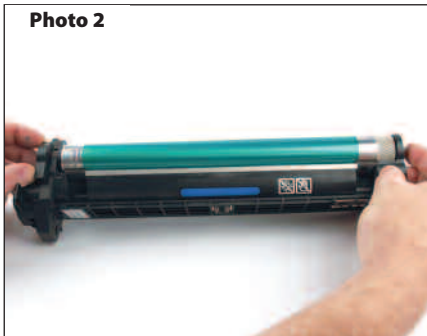
**Photo 1**



**Step 1**

Lay the drum unit down on a protected surface with the drum helical gear side facing away from you. On the end of the drum gear shaft you will find a white plastic "C" clip. Using a small flat blade screwdriver, remove this clip. (Photo 1)

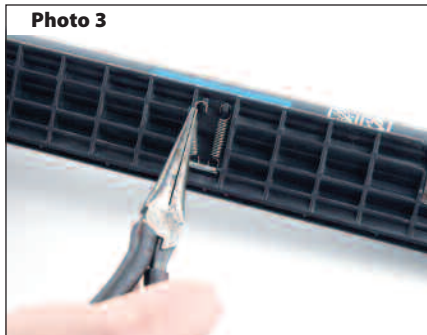
**Photo 2**



**Step 2**

Rotate the cartridge 180 degrees so that the other end is now facing you. Reach back to where you just removed the clip and push the drum axle forward. Now you can grasp the end of the drum shaft and remove both shaft and drum. (Photo 2)

**Photo 3**



**Step 3**

Place the cartridge with the gear drive side to your right and the wiper blade resting flat. The back of the corona unit should be facing you. In the center of the cartridge is located two springs. One end is connected to the body of the cartridge and the other to the frame of the wiper blade. Remove these two springs using a pair of needle nose pliers. (Photo 3)



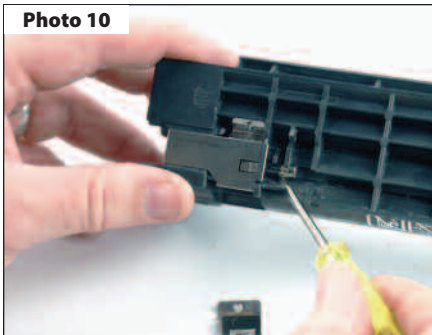
Photo 9

**Step 9**

Replace the two springs using a pair of needle nose pliers. One end is connected to the body of the cartridge and the other to the frame of the wiper blade.

*(Photo 9)*

Photo 10

**Step 10**

Across from the two springs in step 9 you will find two flat metal contact plates. Under the contact plates is a fuse that needs to be replaced. If you remove the smaller of the two contact plates you can remove and replace the fuse. Reinstall the smaller contact plate after replacing the fuse. **NOTE:** Do not replace the fuse if you are going to outbound print test the cartridge as it will blow the fuse by testing. Replace the fuse after print testing.

*(Photo 10)*

Photo 11

**Step 11**

Rotate the cartridge so that the wiper blade is facing up and the thumb release with label is to your right. Taking your lightly padding-powdered coated drum, install the helical gear towards your left and the flat flange side to your right.

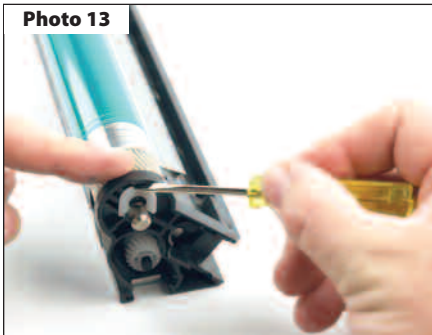
*(Photo 11)*

Photo 12

**Step 12**

Turn the cartridge so that the helical gear end is facing away. Install the drum shaft into the hole and through the drum until the drum shaft axle pin fits into the slot of the cartridge. *(Photo 12)*

Photo 13

**Step 13**

Moving to the opposite side of the cartridge, install the plastic "C" clip onto the end of the drum shaft to keep it in place. *(Photo 13)*

**Step 14**

Place the cartridge in front of you with the drum facing up and the helical gear towards your left. Holding the cartridge, rotate the drum by turning the helical gear towards the wiper blade. This is to check for binding and to set the drum and blade. *(Photo 14)*

Photo 14



Recheck that the new fuse is installed before packaging. *(See note in step 10)*

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**Tools and supplies required:**

- Phillips Screwdriver #2
- Phillips Screwdriver #0
- Small flat blade screwdriver
- Cotton swabs
- Cotton cloth

**Components**

- 1710517-005 Toner Black - High Capacity (approx. 4,500 prints at 5% coverage)
- 1710517-006 Toner Yellow - High Capacity (approx. 4,500 prints at 5% coverage)
- 1710517-007 Toner Magenta - High Capacity (approx. 4,500 prints at 5% coverage)
- 1710517-008 Toner Cyan - High Capacity (approx. 4,500 prints at 5% coverage)
- 1710517-002 Toner Yellow - Standard Capacity (approx. 1,500 prints at 5% coverage)
- 1710517-003 Toner Magenta - Standard Capacity (approx. 1,500 prints at 5% coverage)
- 1710517-004 Toner Cyan- Standard Capacity (approx. 1,500 prints at 5% coverage)
- 1710520-001 OPC Drum Cartridge (approx. 45,000 mono / 11,250 color prints- continuous mode)
- 1710522-001 Waste Toner Box (approx. 25,000 prints at 5% coverage - continuous mode)