



QMS2400TECH

Technical Instructions

Cartridge Information

Tools & Supplies 1

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CORPORATE

LOS ANGELES, USA

US 1 800 394.9900
Int'l +1 818 837.8100
FAX 1 800 394.9910
Int'l +1 818 838.7047

ATLANTA, USA

US 1 877 676.4223
Int'l +1 770 516.9488
FAX 1 877 337.7976
Int'l +1 770 516.7794

DALLAS, USA

US 1 877 499.4989
Int'l +1 972 840.4989
FAX 1 877 774.1750
Int'l +1 972 840.1750

MIAMI, USA

US 1 800 595.429
Int'l +1 305 594.3396
FAX 1 800 522.8640
Int'l +1 305 594.3309

NEW YORK, USA

US 1 800 431.7884
Int'l +1 631 345.0121
FAX 1 800 431.8812
Int'l +1 631345.0690

SANFORD, USA

US 1 800 786.9049
Int'l +1 919 775.4584
FAX 1 800 786.9049
Int'l +1 919 775.4584

TORONTO, CAN

CAN 1 877 848.0818
Int'l +1 905 712.9501
FAX 1 877 772.6773
Int'l +1 905 712.9502

BUENOS AIRES, ARG

ARG 0810 444.2656
Int'l +011 4583.5900
FAX +011 4584.3100

MELBOURNE, AUS

AUS 1 800 003. 100
Int'l +62 03 9561.8102
FAX 1 800 004.302
Int'l +62 03 9561-7751

SYDNEY, AUS

AUS 1 800 003.100
Int'l +62 02 9648.2630
FAX 1800 004.302
Int'l +62 02 9548.2635

MONTEVIDEO, URY

URY 02 902.7206
Int'l +5982 900.8358
FAX +5982 908.3816

JOHANNESBURG, S.A.

S.A. +27 11 974.6155
FAX +27 11 974.3593

Photo 1



Step 1

Position the cartridge with the developer roller drive gear end cap facing you. Remove three silver colored Phillips screws from the end cap. Remove the end cap. (Photo 1)

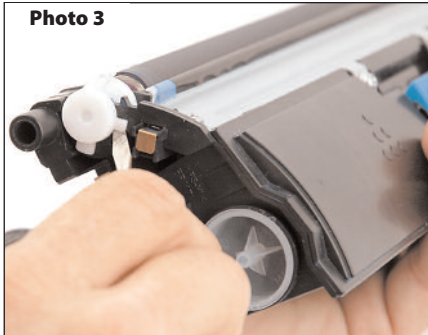
Photo 2



Step 2

Place the cartridge with the developer roller facing you. Rotate the cartridge so that the developer roller is facing downward. Using a small flat blade screwdriver release the two latches that hold the doctor blade cover in place, remove and set aside. (Photo 2)

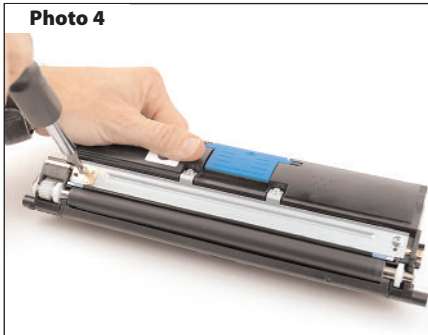
Photo 3



Step 3

Turn the cartridge so that the developer roller drive gear end is facing away from you and remove the capped white center bearing by gently lifting the center tab and rotating the cap counter clockwise until it stops. You can now pry the capped white center bearing off. (Photo 3)

Photo 4



Step 4

Place the cartridge with the developer roller facing you. Rotate the cartridge so that the developer roller is facing upward. Remove the silver shoulder screw located on the Recovery / Toner Hopper Seal Plate with gasket assembly. Carefully remove the center bearing with ground plate by lifting the ground plate up and pulling the center bearing plate out. Be very careful not to damage this assembly during removal, cleaning and reinstallation. (Photo 4)

Step 15

Place the cartridge with the developer roller facing you. Rotate the cartridge so that the developer roller is facing downward. Align the latches of the doctor blade cover with the foam ends facing inward toward the developer roller shaft and snap back into place. (Photo 15)

Photo 15**Photo 16****Step 16**

Move the toner hopper so that the gear side is facing you. Place the black end cap back into position. Install three silver colored Phillips screws into the end cap.

* **New chip needed.** (Photo 16)

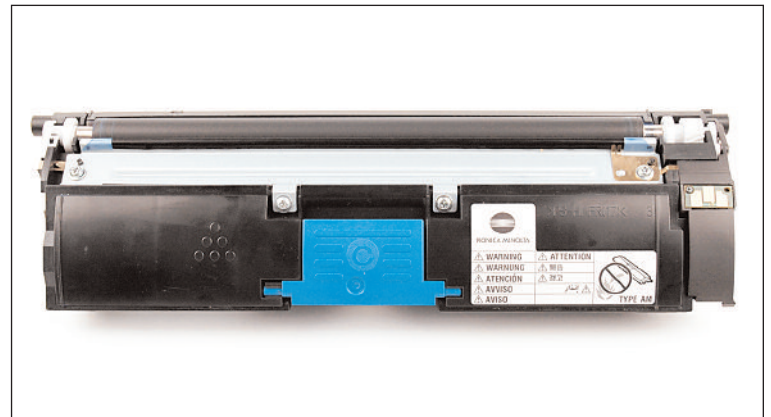
Photo 17**Step 17**

Place the toner hopper vertical on end with the gear side down and toner hopper fill hole up. Install the toner and place the cap back on. (Photo 17)

Supplies and Tools Requirements:

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

The QMS 2400 cartridges look similar to the QMS2300 but are not interchangeable. The print speed on the QMS2400 is 5 ppm color and 20 ppm black. Both the cartridges and the separate drum/waste cartridge are easily accessible and are loaded from the top of the printer. The toner cartridges have changed from a mechanical "new cartridge" sensor on the QMS2300 to a memory chip.

**Components** (120v)

- 1710587-004 Toner Black - High Capacity (approx. 4,500 prints at 5% coverage)
- 1710587-005 Toner Yellow - High Capacity (approx. 4,500 prints at 5% coverage)
- 1710587-006 Toner Magenta - High Capacity (approx. 4,500 prints at 5% coverage)
- 1710587-007 Toner Cyan - High Capacity (approx. 4,500 prints at 5% coverage)
- 1710587-001 Toner Yellow - Standard Capacity (approx. 1,500 prints at 5% coverage)
- 1710587-002 Toner Magenta - Standard Capacity (approx. 1,500 prints at 5% coverage)
- 1710587-003 Toner Cyan - Standard Capacity (approx. 1,500 prints at 5% coverage)
- 1710591-001 OPC Drum Cartridge (approx. 45,000 mono / 11,250 color prints- continuous mode)

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