



Reference Information:

OEM Cartridge Black: Q7516A
OEM MFP Cartridge Black: Q7570A

OEM Yield: @ 5%
12000 Pages

Oasis Replacement Products

Drum – 52DR2150
Toner – 52TN10550
Chip – 52CH10
Wiper – H5WB20
Dr Blade – 52DB20
Recovery Blade – H5RB10
Pins – 52PN10
Plastic Wiper, Dr. Blade – 52CP10

Tools Required:

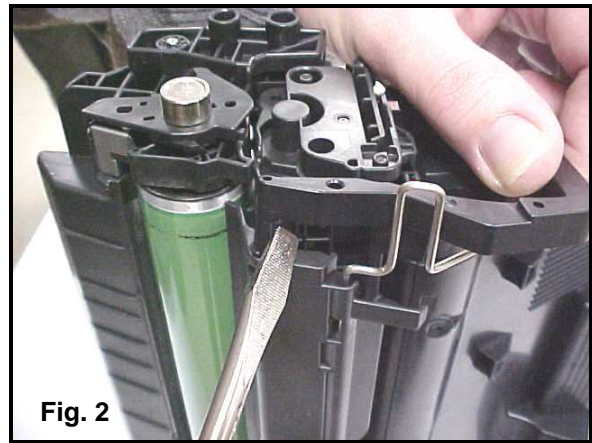
Philips Screwdriver
Spring Hook Tool
Needle Nose Pliers
3/32" Drill Bit
3/16" Drill Bit
Wire Cutters
Flat-head Screwdriver

The Q7570A is a multi function printer cartridge which is similar to the Q7516A cartridge. Both cartridges can be remanufactured using these instructions but each cartridge will only fit its respective printer.

1. Use a flat-head screwdriver to pry off the spring loaded arm on the shutter. Notice the spring configuration and be careful not to lose the spring (Fig. 1).



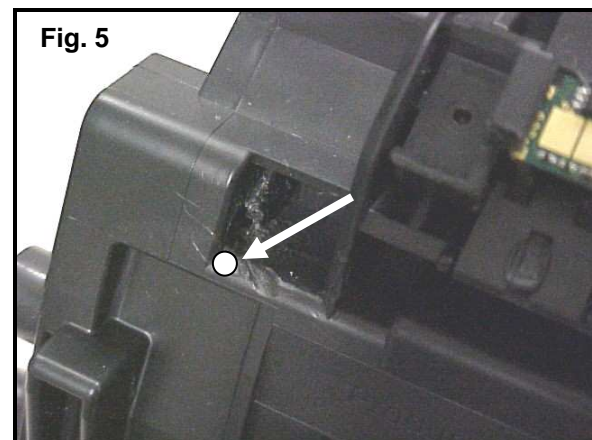
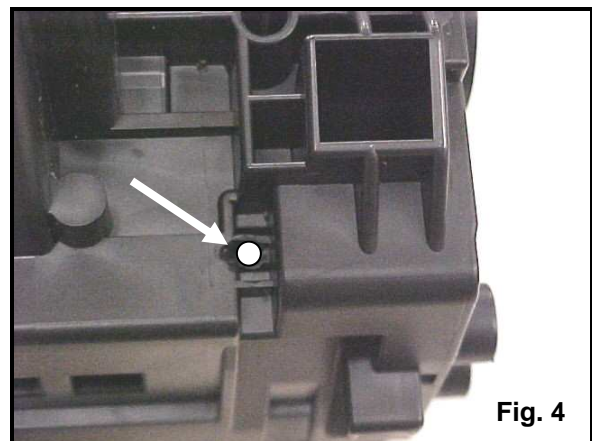
2. Pry off the shutter arm on the opposite side (Fig. 2).



3. Unsnap both 90 degree bars out from the front of the cartridge (Fig. 3). Set the shutter aside.



4. This procedure is used to separate the two halves of the cartridge. There are two metal cartridge pins that hold the toner section and waste section together. Drill a 3/32 inch diameter hole, (**ILLUSTRATED BY THE WHITE DOTS**) into the plastic on both ends of the cartridge (Fig. 4 & Fig. 5). Drill carefully at a slight angle towards the end of the cartridge until the end of the metal cartridge pin can be located.



5. Use a spring hook tool to push the metal cartridge pins out of both ends of the cartridge (Fig. 6).



6. Use needle nose pliers to pull the metal cartridge pins out of both ends of the cartridge (Fig. 7). Replacement pins with are available from Oasis part # 52PN10 – 50 per pack.

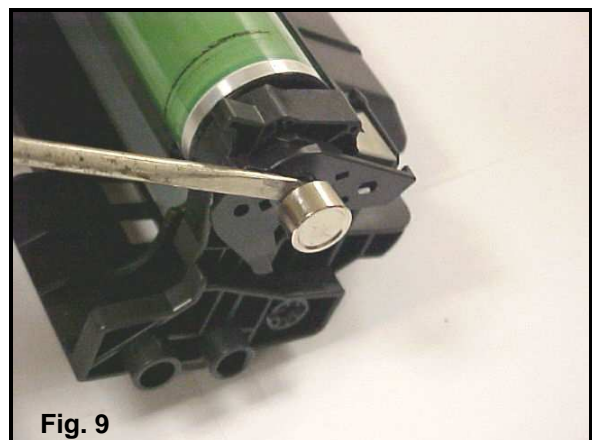


7. Separated waste section and toner section (Fig. 8).

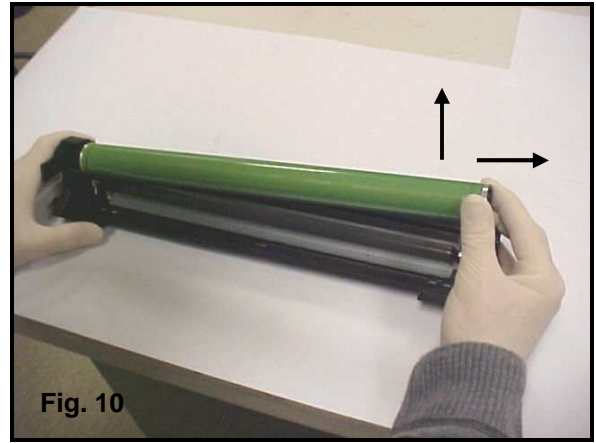


Waste Section

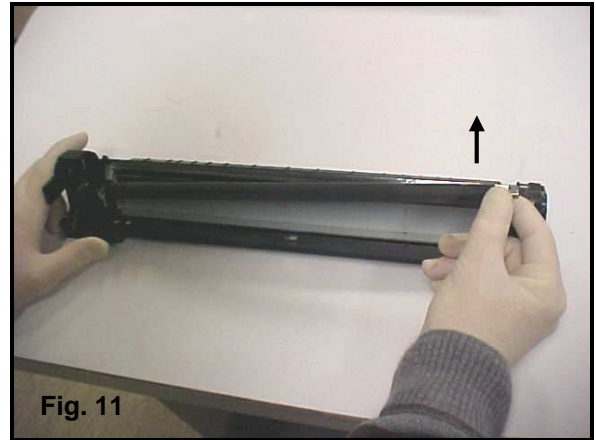
8. Use a flat-head screwdriver to pry the metal drum axle pin from the waste section (Fig. 9). Remove the pin.



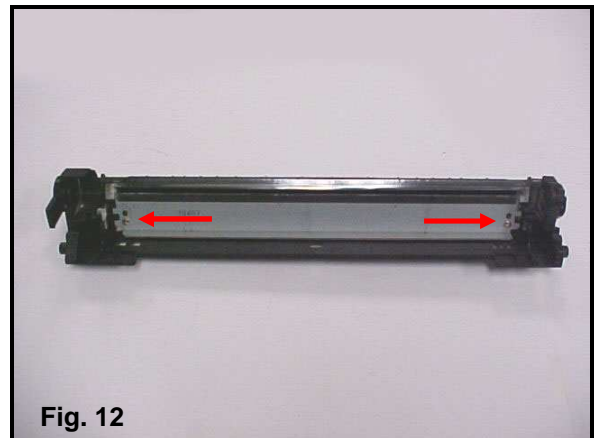
9. Lift and slide the OPC drum out of the waste section. Clean the drum with a lint free, wax free cloth or replace and set aside (Fig. 10).



10. Lift the PCR out of its saddles. Clean the PCR with a lint free, wax free cloth and water or replace (Fig. 11).



11. Use a Phillips screwdriver to remove the two screws from the Wiper Blade (Fig. 12). If Wiper Blade is worn replace with Oasis part number H5WB20.

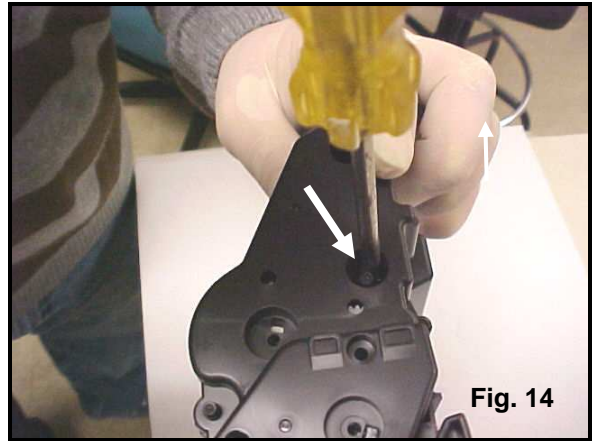


12. Use needle nose pliers to lift the Wiper Blade out of the waste section (Fig. 13). Clean the blade with a lint free, wax free cloth, or replace and set aside. Clean out any remaining toner from the waste section using compressed air or a vacuum. Inspect the foam seals under the wiper blade and clean if necessary. Reassemble the waste section in reverse order and set aside.

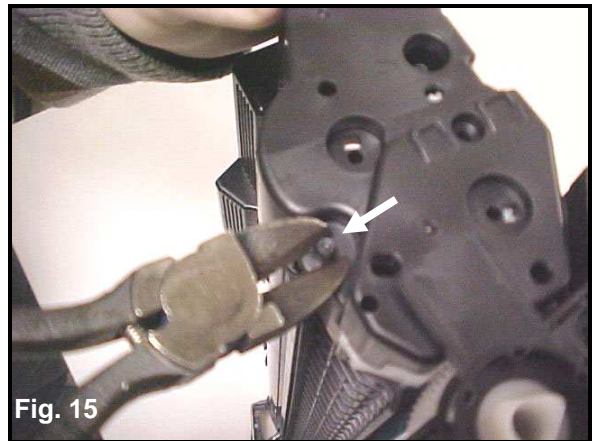


Toner Section

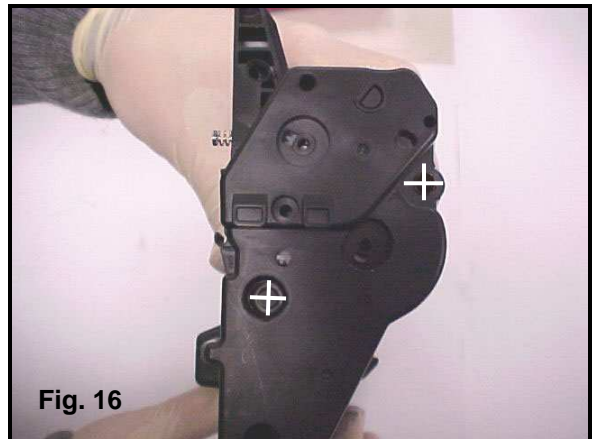
13. The toner section has end caps that are attached to the hopper body with ultrasonic welds. The gear side end cap has two ultrasonic welds that need to be removed. Use a flat-head screwdriver to snap off the weld in the recessed part of the end cap. Pull the weld out with needle nose pliers (Fig. 14).



14. Use wire cutters to remove the ultrasonic weld in (Fig.15).



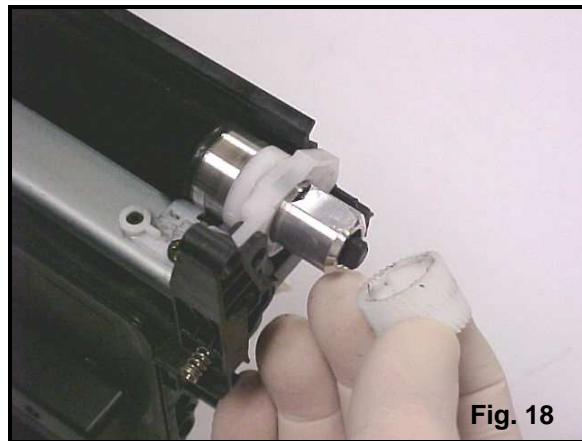
15. Use a 3/16 inch drill bit to drill into the center of the removed ultrasonic welds (Fig.16). Drill down into the welds approximately 1/16 inch, just enough to drill through the remaining ultrasonic welds. Be careful not to let the drill bit move from the center of the weld or to drill too deep.



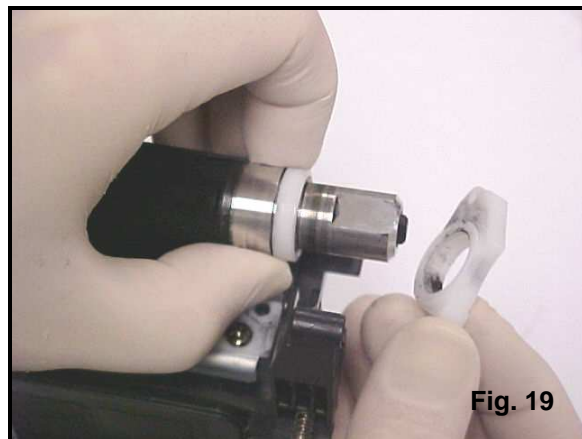
16. Use a flat-head screwdriver to pry the gear side end cap off (Fig.17).
Note: Some force may be needed to fully break the ultrasonic welds between the end cap and toner hopper when prying. Be careful not to lose the gears when removing the end cap.



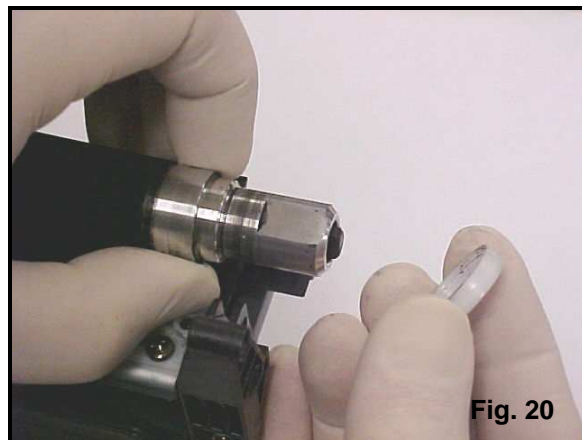
17. Remove the gear from the end of the Magnetic Roller and set it aside (Fig.18).



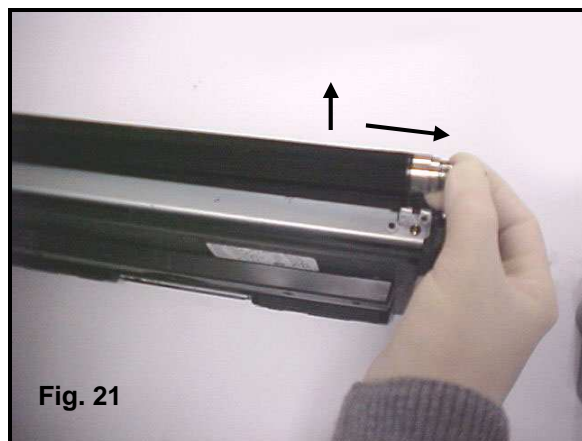
18. Remove the white plastic stabilizer from the end of the Magnetic Roller and set it aside (Fig.19).



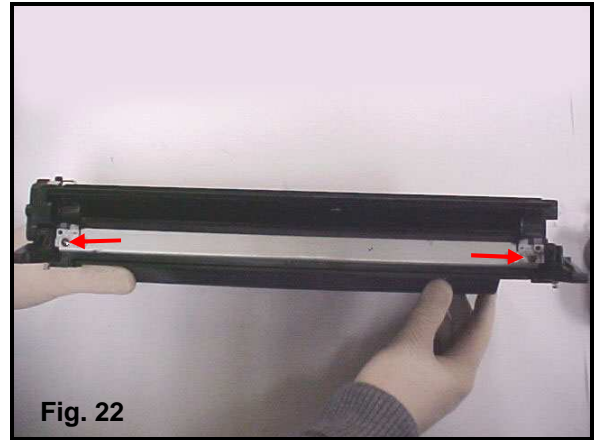
19. Remove the white plastic washer from the end of the Magnetic Roller and set it aside (Fig. 20).



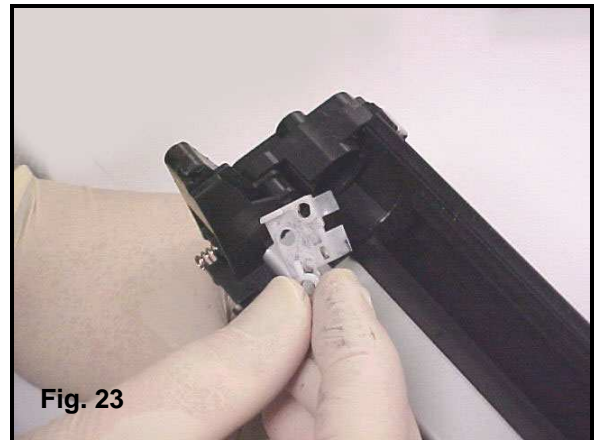
20. Lift and slide the Magnetic Roller out of the toner section (Fig. 21). Clean the Magnetic Roller with compressed air or a lint free, wax free cloth, or replace and set aside.



21. Use a Phillips screwdriver to remove the two screws on the Doctor Blade (Fig. 22).



22. Remove the Magnetic Roller Wipers on both ends of the Doctor Blade (Fig. 23). Replacement Plastic Dr. Blade Wipers are available from Oasis – part number 52CP10.



23. Remove the Doctor Blade. Clean with a cotton swab and isopropyl alcohol or replace if necessary (Fig. 24).



24. Clean out any remaining toner with compressed air or a vacuum (Fig. 25).



25. Fill the cartridge through the Doctor Blade opening with the appropriate gram load of toner (Fig. 26).

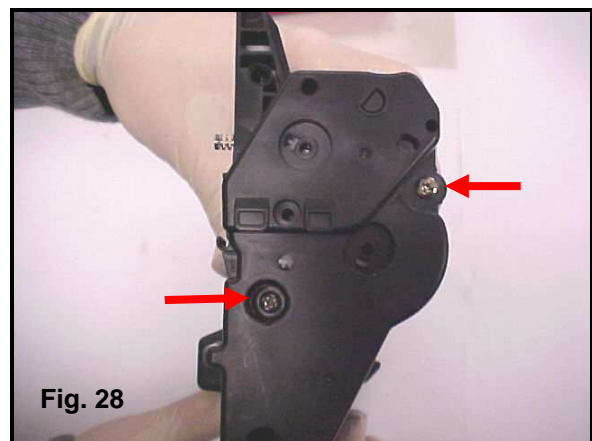


26. Clean the Magnetic Roller contact plate and replace the conductive grease (Fig. 27). Clean both halves of the cartridge thoroughly and replace the components.



27. Reassemble the HP 5200 / M5025 in reverse order.

Note: Use two ½ inch long self tapping screws and screw them into the ultrasonic welds (Fig. 28). These two screws will fasten the gear side end plate to the toner side of the cartridge.



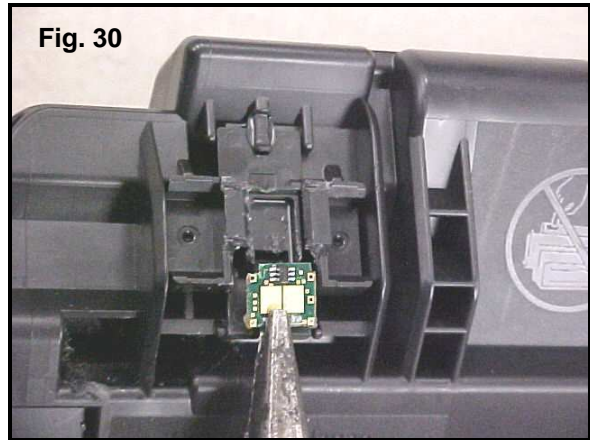
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28. After reassembling the cartridge, replace the OEM chip with the Oasis # 52CH10 aftermarket replacement chip. The chip is located on the bottom of the waste bin. Use a utility knife to cut the bottom corners on the chip housing (Fig. 29).



29. Remove the old chip with needle nose pliers (Fig. 30). Carefully insert the new chip into the housing.

Note: Add a small amount of silicon to the corners of the chip housing if needed to secure the chip in place.



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