

# Remanufacturing Instructions

## Brother DR 400 Drum Unit



For Technical Support, please call Memphis, TN at (888) 757-0762 or Nashua, NH at (888) 833-5727.



**Reference Information:** Oasis Products:  
Brother DR 400 BRDR1105  
BRTN55200

**OEM Life Cycle:**  
20,000 pages

**NOTE:** It is recommended that you use the BRTN55200 toner with this OPC.

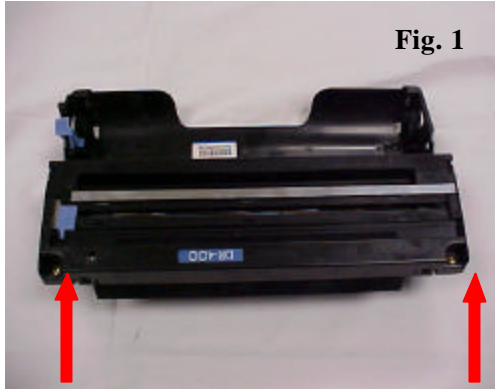


Fig. 1

1. Remove the two gold colored screws on top of the cartridge.

You will also notice that there is a small silver screw located on the top cover, near one of the gold colored screws. **You do not need to remove this screw for the top cover to be removed.**

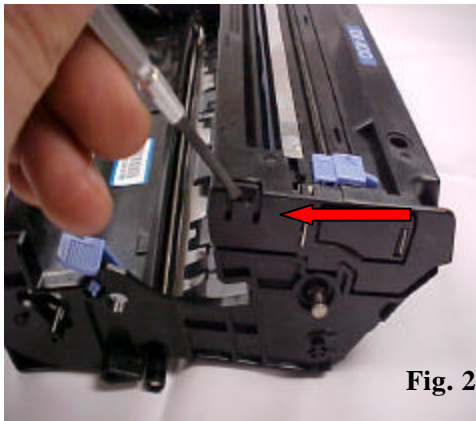


Fig. 2

2. Locate the four small internal clips on the cartridge. There is one clip on each side of the cartridge; the other two are located on the front.
3. Using a small flathead screwdriver gently pry the retaining clip slightly outward. After unleashing the clips, remove the top cover.

# Remanufacturing Instructions

Brother DR 400 Drum Unit

Technical Support  
Memphis, TN (888) 757-0762  
Nashua, NH (888) 833-5727



Fig. 3

4. Carefully pull upward on the top cover of the drum unit. This cover contains the primary corona wire and cleaning mechanism for the wire.
5. You may clean the corona wire with a Q-tip saturated in 99% IPA. Be careful not to leave any residual material from the Q-tip on the corona wire, as this will cause a print defect.



Fig. 4

6. Gently remove the C-Clamps on each end of the OPC axle. *Take care not to damage the C-Clamps, as they are instrumental in holding the OPC in place during the print process.*
7. After removing the C-Clamps, pull the OPC axle out toward the non-gear side of the OPC unit. *It is not possible to pull the axle piece out through the geared end of the drum due to the location of the OPC contact.*

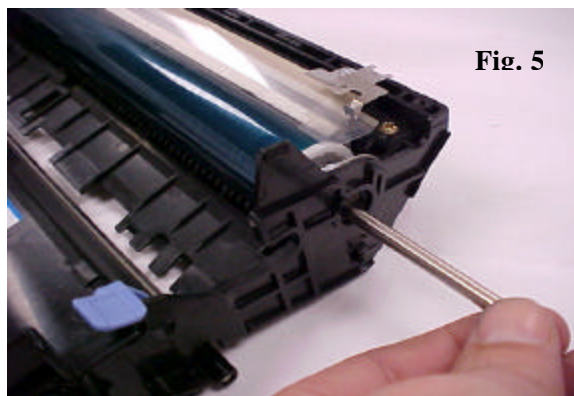


Fig. 5

8. After removing the axle piece you will be able to remove the OPC.

**NOTE:** When you remove the OPC, a small, spring-loaded end cap, located on the end of the OPC, will come off on the non-gear side of the OPC. The black gear on the geared end will also fall off. Do not lose either of these, as you will need these items with the new OPC.

# Remanufacturing Instructions

Brother DR 400 Drum Unit

Technical Support  
Memphis, TN (888) 757-0762  
Nashua, NH (888) 833-5727



Fig. 6

This is the proper orientation to use for the spring and end cap during the reinstallation.

**NOTE:** There isn't a locking tab on the end cap. When you re-install the OPC, hold on to the end cap until you have the OPC back into the cartridge.

**10.** Before re-installing the new OPC, carefully clean out the interior of the drum housing with compressed air. *Be careful not to damage the cleaning brush or mylars.*

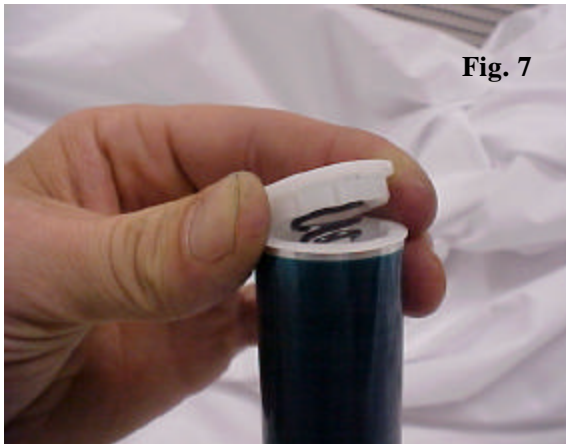


Fig. 7

**11.** There are small guide rails on the exterior of the end cap that fit into grooves on the drum end piece. These will **NOT** lock it into place.



Fig. 8

**NOTE:** The geared end of the drum also has a free-floating gear that comes loose when the OPC is removed. There is no spring on this gear allowing it to slide back onto the stationary gear.

**12.** When you re-install the drum, you will need to hold both ends until the OPC is actually in the housing.

## Oasis and You ... Succeeding Together!



---

**New Hampshire**  
(603) 880-3991  
(888) 627-6555  
Fax: (603) 598-4277

**Tennessee**  
(901) 433-0334  
Fax: (901) 366-9756

**Texas**  
(972) 671-1307  
(888) 591-3555  
Fax: (972) 671-1359

**Canada**  
(905) 568-3422  
(800) 430-7886  
Fax: (905) 568-3491

**Illinois**  
(630) 982-1543  
(888) 658-4555  
Fax: (630) 928-1542

**California**  
(714) 283-6270  
(888) 656-9555  
Fax: (714) 283-6276

**North Carolina**  
(919) 776-0847  
(866) 399-8558  
Fax: (919) 776-0898

**Europe  
Netherlands**  
011-31-24-388-2233  
Fax: 011-31-24-355-7373

---

© 2004 Oasis Imaging Products, Inc. Any attempt to reproduce any part of these instructions without the written consent of Oasis Imaging Products, Inc. may result in legal action. All registered trademarks are the property of their respective owners.