

Remanufacturing Instructions

Brother HL5240 (TN580)

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



OEM Reference Information:

	<u>Yield</u>
Toner: TN550	3500 @ 5%
TN580	7000 @ 5%
Drum: DR520	25000 @ 5%

1. Remove the fill plug and dump remaining toner from the toner hopper (Fig. 1).

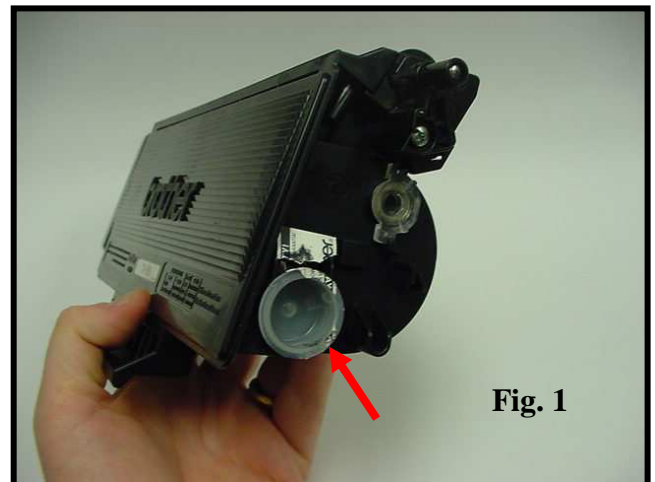


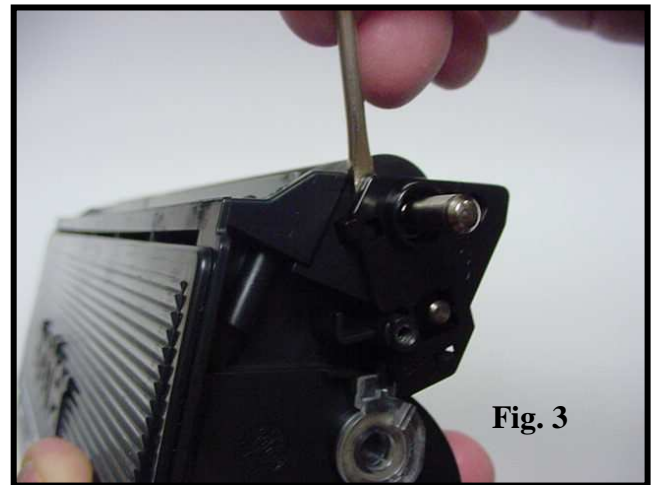
Fig. 1

2. Remove one screw from the end plate (Fig. 2). Remove end plate.

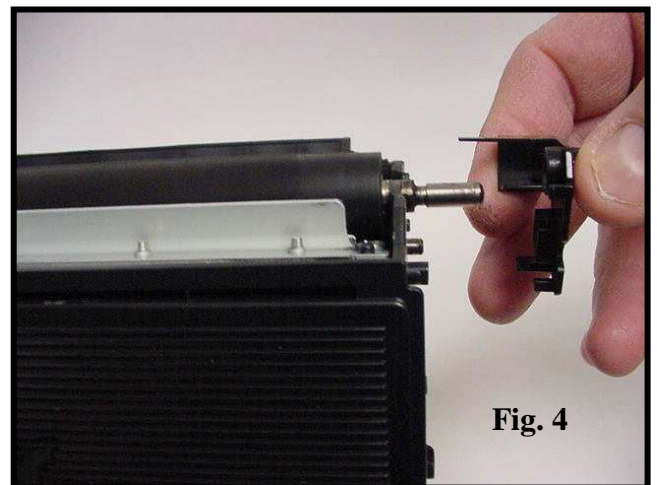


Fig. 2

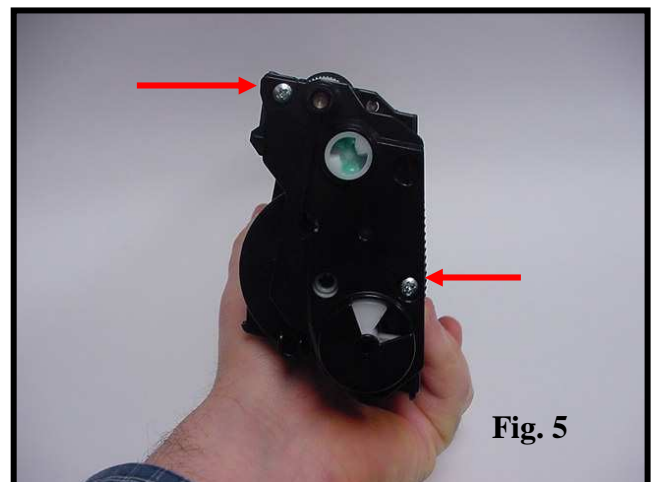
3. Using a small screw driver, release the locking pins on the developer roller stabilizer (Fig. 3).



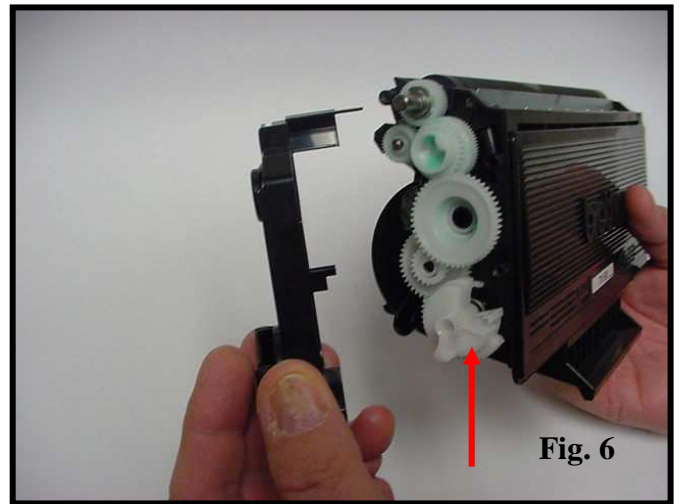
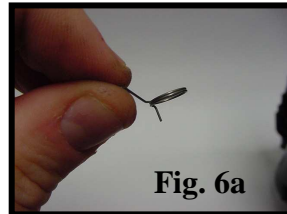
4. Remove the developer roller stabilizer from the developer roller (Fig. 4).



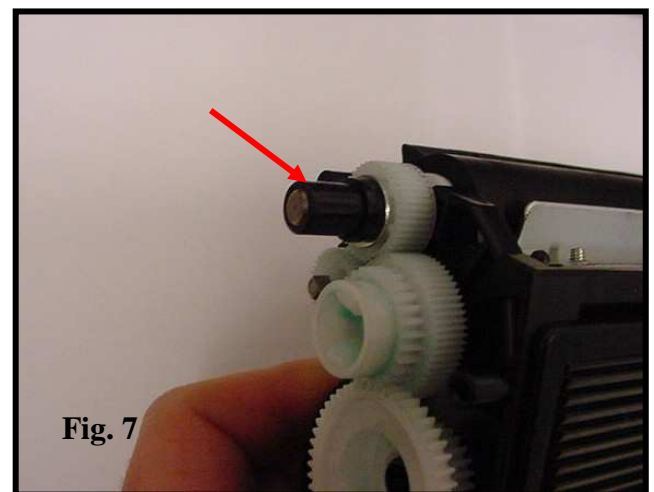
5. Remove two screws from the end cap on the geared side of the cartridge (Fig. 5).



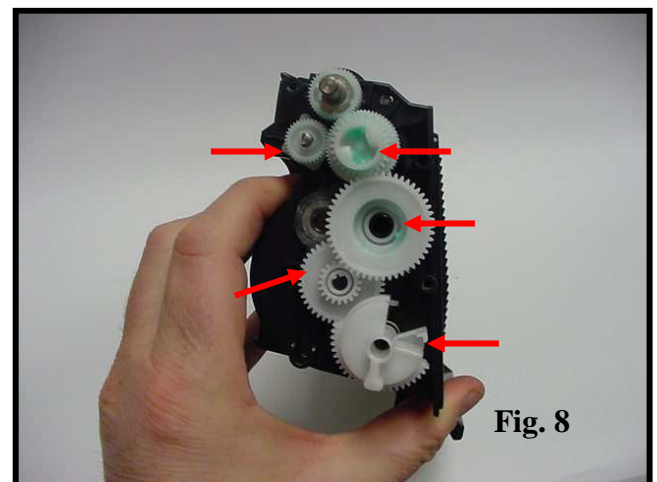
6. Remove the end cap. The reset flag gear (Fig. 6) may come off with the end cap. Be careful not to lose the small spring (Fig. 6a) located behind the gear. This spring is needed to reset the flag gear.



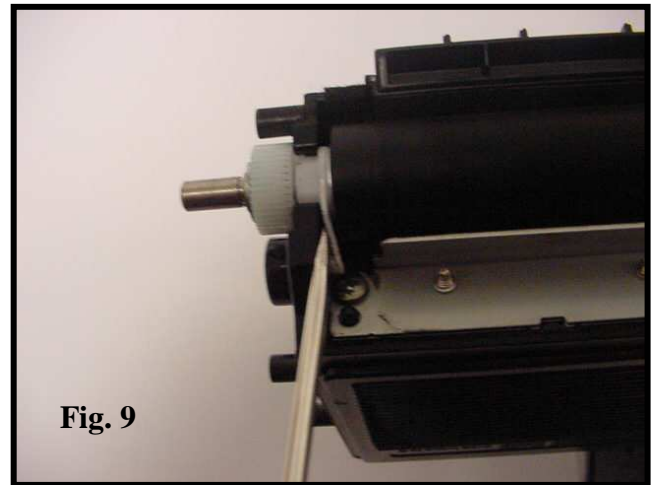
7. Remove the black cap located on the developer roller post on the geared side of the cartridge (Fig. 7).



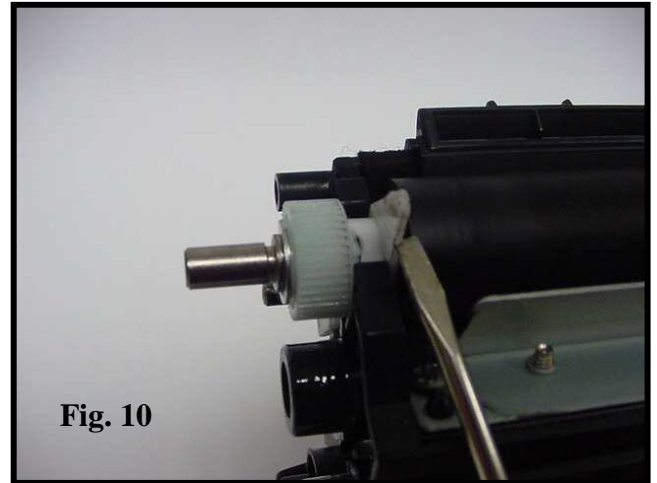
8. Make a note of the gear positions. Assuming the flag gear is still in place, remove the five gears and the spring behind the flag gear (Fig. 8). Clean all gears of residual toner to ensure smooth rotation.



9. Insert a small screwdriver between the locking tab and the cartridge housing and pry outward as shown (Fig. 9).



10. Rotate the tab as shown (Fig. 10). This will release the locking tab from the cartridge housing.



11. Remove the developer roller from the cartridge (Fig. 11). Grasp the roller by the end posts. Clean the roller with compressed air and a lint free, wax free wipe.



12. Use compressed air and vacuum to clean all residual toner from the hopper. Clean the foam delivery roller, located behind the developer roller, thoroughly. Failure to do so can cause backgrounding. Clean the doctor blade with compressed air and a lint free cloth. Inspect the blade to ensure that no cloth fibers have adhered to the blade. Clean the developer roller sealing felts with compressed air (Fig. 12).

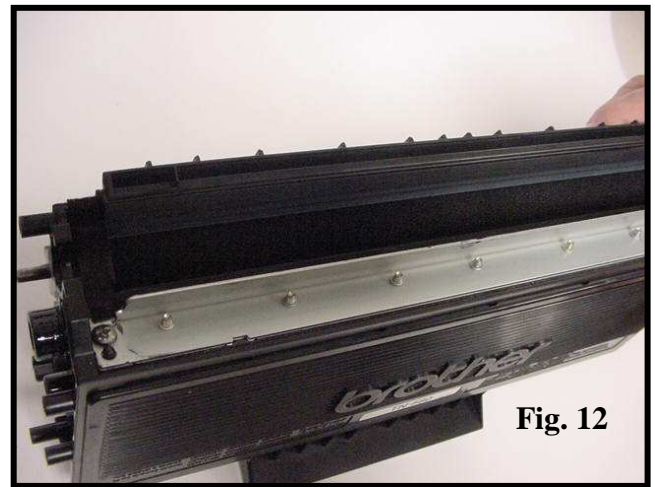


Fig. 12

13. Clean all components and gears thoroughly. Fill toner with proper gram load and reassemble in reverse order (Fig. 13).



Fig. 13

14. During reassembly the flag gear must be reset. Set the flag gear spring on the gear post (Fig.14). Set the small end of the spring on the slot on the gear post.

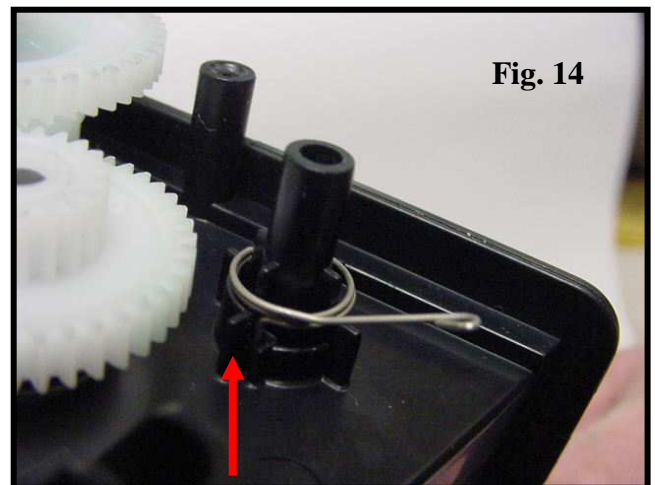
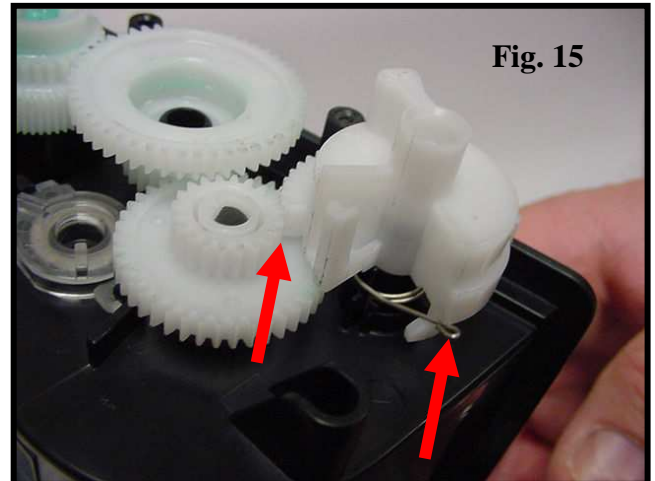


Fig. 14

15. Place the flag gear on the post and position the spring as shown (Fig. 15).



16. Secure the end cap with two screws. Figure sixteen shows the correct position of the flag gear for resetting the printer (Fig. 16).



17. Install a developer roller cover for shipping (Fig. 17).



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