

Cartridge Information Brother LC-51 (Page 1 of 2)(OEM)*

*See subsequent page for Compatible instructions

CARTRIDGE INFORMATION / WEIGHTS

Cartridge	Ink (s)	Fill mls	Empty Weight	Full Weight
LC-51 B	B5	19	39.6	57.5*
LC-51 C / M / Y	C7 / M7 / Y3	8	35.4	44.5*

*Weights include outer casing.

REFILLING INSTRUCTIONS

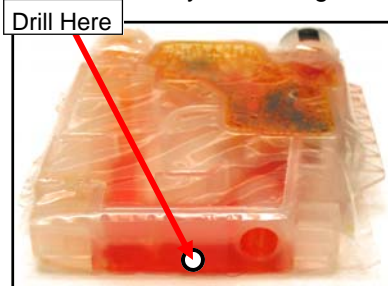
Note: this process does NOT use the vacuum chamber. For more information on manual filling using the VFM 3200, see Technical Procedures.

- CAUTION:** Care must be exercised not to damage the air valve during disassembly. The air valve is the white stem protruding from the air vent port.
- Note:** Proper care must be exercised to avoid damaging the external casing. Remove outer casing by cutting the OEM label along the seam with a knife. Install screw driver in casing and pry open. Continue inserting the screw driver on the same side and pry until the case pops open.



- Remove the inner cartridge. Drill fill hole with the cartridge orientated as shown below. Note: some cartridges have a divide, as shown below. **Ensure you drill on the correct side.**
- Using the syringe draw the correct amount of ink and insert the needle fully into the fill hole. The needle must pass all the way into the main chamber (see below).

Slowly fill cartridge with up to 19 ml of ink (8ml color).



The yellow cap should be saved by the customer for transportation of the cartridge. This is also recommended in the Brother user manual.



- Seal fill hole.
- With a 20 ml. syringe draw air from the air vent to create a negative pressure in the cartridge using the procedure on the following page.

See next page for continued refill instructions

Cartridge Information Brother LC-51 (Page 2 of 2)(OEM)*

*See next page for Compatible instructions

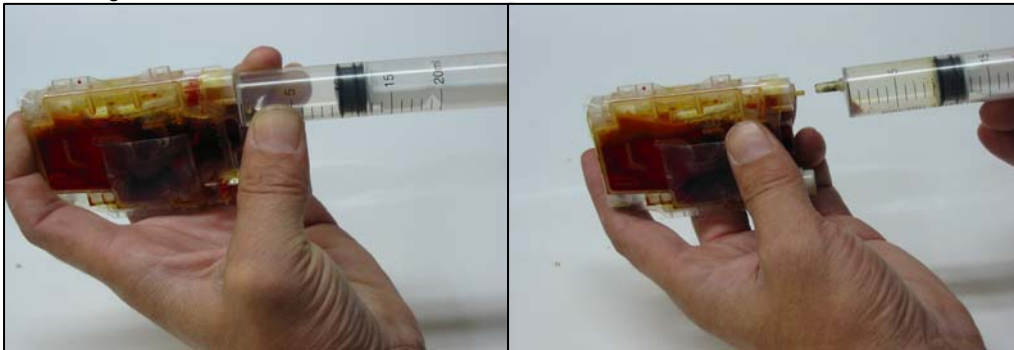
REFILLING INSTRUCTIONS

7. Hold the cartridge sideways with the air vent above the ink port. Place the 20ml syringe w/ needle removed over the white stem and push the cartridge and syringe together until they are touching.



**Note, some syringes may be too small to fit over the white plug. You may need to try several to find one that fits.*

8. Holding the cartridge and syringe together draw the syringe plunger back to the 10 ml. mark. This action should draw mostly air and possibly a few ink bubbles. Now separate the syringe and cartridge while holding the plunger at the 10 ml. mark. This action will leave a negative pressure in the ink cartridge.



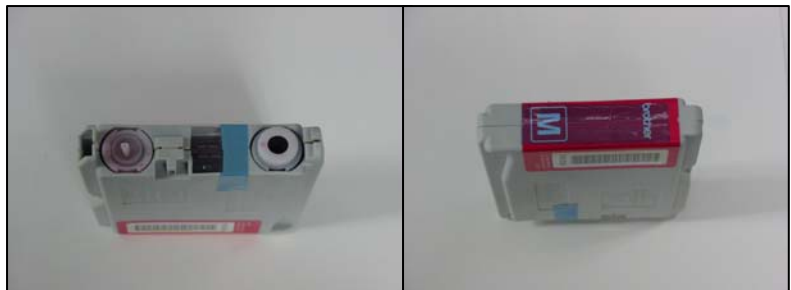
A negative pressure is achieved when the plastic cartridge sides are collapsed inward. If a negative pressure is not achieved there is an air leak. This leak may have been caused by; the refill needle puncturing the cartridge, the fill hole is not properly sealed, or a defective valve and/or ink port.

9. Insert the filled cartridge into the external casing. Secure the external casing using clear mylar tape (BV item #08037). Cut the mylar tape in half lengthways and apply as shown in pictures below.

Do not cover the ink monitor window with the tape!

10. Repeat steps 2 - 9 for each color.

Blue tape is used only for illustration purposes. The use of Scotch Tape is not recommended.



INSTALLATION INSTRUCTIONS REQUIRED

Brother LC-41 / 51 Installation Instructions



See the Help Desk for troubleshooting assistance