

## REFILLING THE CANON OEM SETUP TANKS

Ideally you will use a scale during refill or you can carefully fill the tank with a syringe. The small tanks come from Canon with a weight ranging between 20 grams and 21 grams. These can be refilled to 24 to 25 grams. The larger tanks come with about 33 grams but can be refilled to 40 grams. YOU MUST HAVE ACCESS to the original orange stoppers during refill in order to reliably stop the ink from coming out the bottom.

TOOLS NEEDED: **SHARP 7/64" drill bit and a drill**. A sharp exacto craft knife will also be handy. First observe the depression under the QR code symbol. Notice the circle. You will want to place a hole of 7/64" diameter above this hole and offset to the side. Please observe the picture below where the plugs reside. After drilling this hole, you might want to clean up the edges of the hole with a sharp exacto knife. Test that the plug fits tightly in the hole you made and will not be displaced. Make sure the plug can be pushed in to sit as flush as possible to the surface. These plugs have to be tiny as there is insufficient room to use larger plugs.

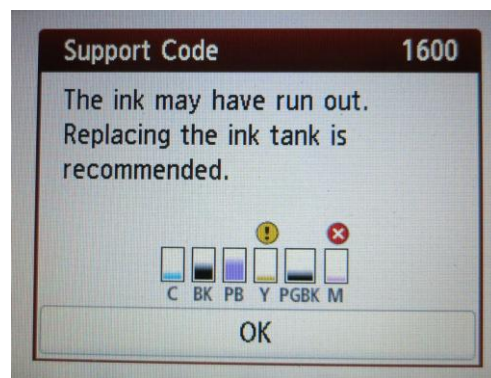
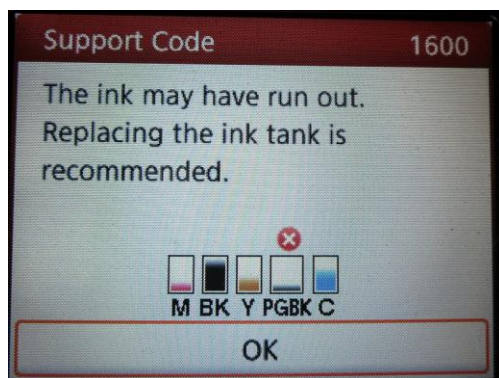


With the orange stopper installed, place the tank on a scale and take note of its' weight. Using a syringe and needle you will then put in enough ink to bring the final weight up to 24 or 40 grams depending on the tank you are working on. In order to minimize spillage, you will subtract the weight of the tank with stopper from 24 (40). The result is the approximate amount of ml of ink that should be placed inside the hole you made. For example if you were working on the small tank and it weighed 18 grams, you will place 6 ml of ink inside the syringe. Place the needle inside the tank all the way near the bottom and SLOWLY inject the ink in making sure that no ink overflows from the hole. When you are close to the last 1 ml of ink. You will fill the balance even slower. If ink appears at the top, wait some and see if it will take more. If not, then install the plug snugly. The tanks are refilled.

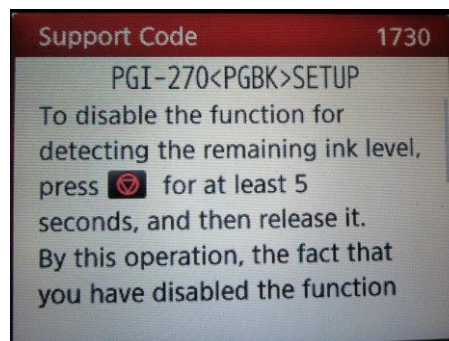
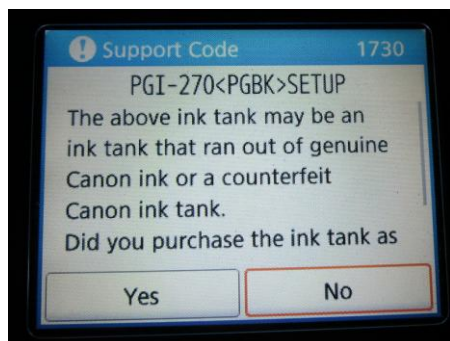
## CHIP and INK LEVELS.

The chips cannot be reset to read FULL even after the tanks are refilled. Henceforth, you will need to periodically put more ink in to ensure that the tanks are capable of providing ink to the printer. Attempting to print with insufficient ink will lead to streaky output and eventual printer printhead damage. So before any large printing task, it is best to put more ink inside if you are unsure how much might be left in the printer.

As you continue to use the refilled tanks, you will be told to replace a tank and you will respond to OK and you will refill the tank soon afterwards.



As you continue to use the tank, you will encounter another message similar to this.



You will respond with NO. Next you will also get a screen requesting to disable the chip ink level function. You will follow the screen instructions.

Thereafter you will notice that all indicators for the disabled colors will show nothing. For example the PGBK is disabled.