INK CARTRIDGE ERROR: REPLACE INK CARTRIDGE

Error Message: INK CARTRIDGE ERROR: REPLACE INK CARTRIDGE

Explanation of Error:

The *CSIC Chip* reports ink in the *Cartridge*, but the *Ink Out Sensor* (located where the ink leaves the *Cartridge*) reports no ink.
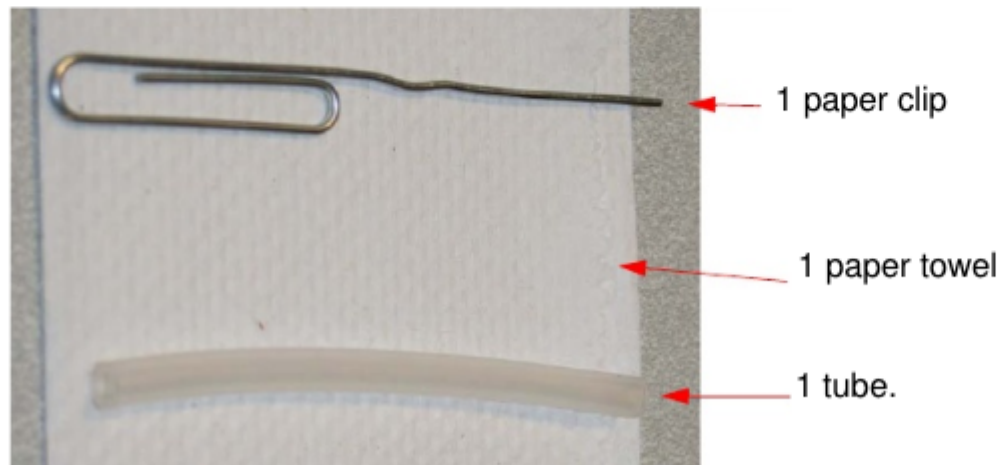
Cause of Error:

Tiny air bubbles in the *Ink Out Sensor*.

Repair Strategy:

Remove the tiny air bubbles from the *Ink Out Sensor*.

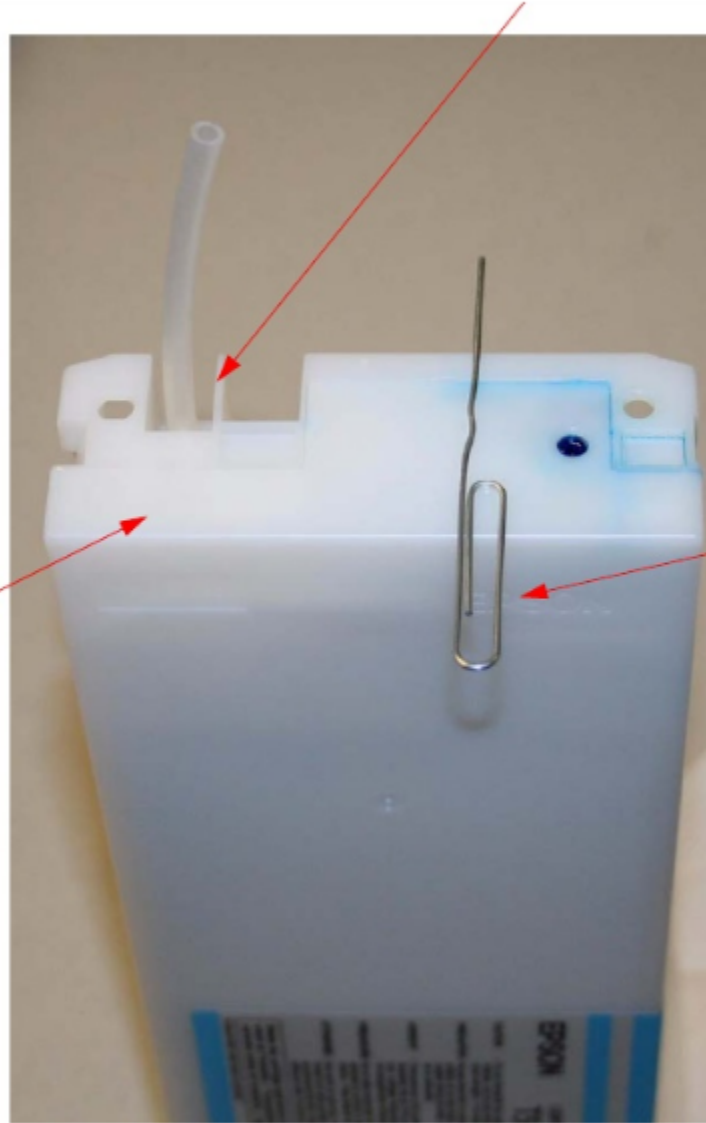## Repair Detail:

1. Assemble tools.

1 paper clip

1 paper towel

1 tube.

2. Prepare to inflate the **Ink Cartridge**.

Attach the hollow tube to the **Air Pressure Insert Nipple**.

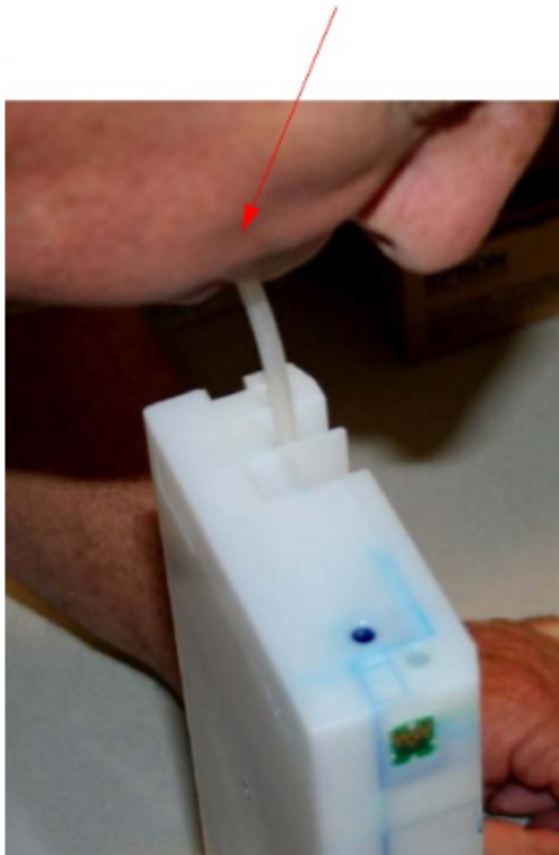Place the **Ink Cartridge** on a flat surface, with this side up.
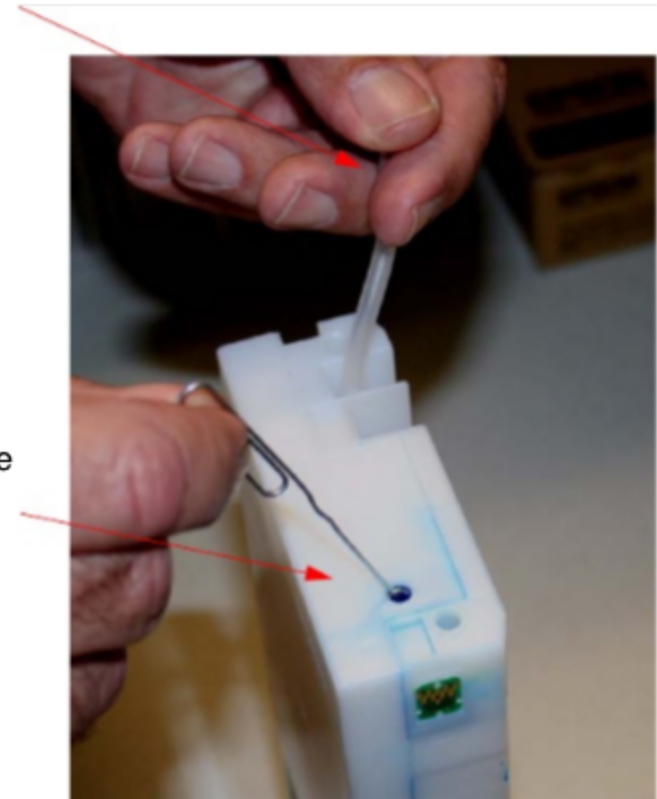
Ensure that the paper clip is handy.

3.   Inflate the **Cartridge** and bleed it.

Note: The ink is in a bag, inside of the sealed Ink Cartridge. When the Cartridge is inflated, the air pressure squeezes the bag of ink, placing the ink under pressure.

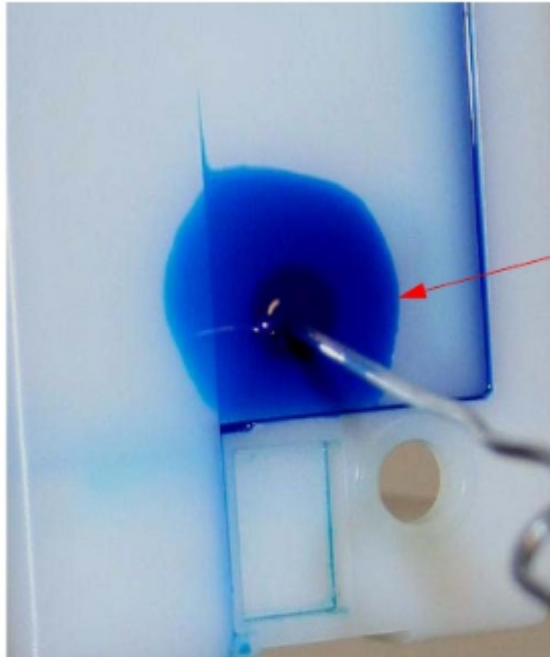**1.** Inflate the inside of the **Cartridge**.

2. Seal the tube trapping the pressure in the **Cartridge**.

3. Use the paper clip to open the **Ink Valve,** and release a small amount of ink and the trapped air. (See next page)

4.   Inspect the released ink.

This image shows the approximate amount of ink that should be released from the **Cartridge**. This particular **Cartridge** did not contain air bubbles in the **ink**.

This **Cartridge** did contain air bubbles in the ink. The small amount of air in the ink is enough to cause the error.