

# Measure Makeup Addition (1710 Only)

Article Number 000007309

## Procedure

### Measure Makeup Addition (1710 Only)

This procedure should be performed only by a Videojet CSE.

Determining if the printer is adding a proper amount of makeup fluid during makeup fluid addition will help establish if there is a makeup tracking problem. Use this procedure when a customer indicates that makeup fluid is left behind in the make up cartridge but the screen is indicating zero percentage for the make up cartridge.



#### Applies Only to 1710

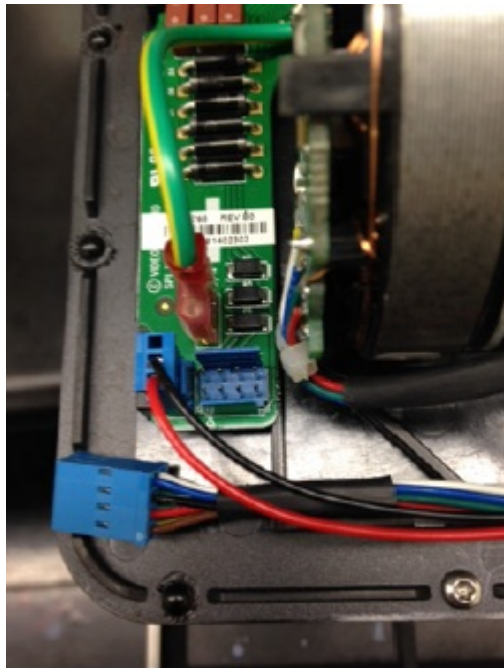
For help with this same issue on a standard 1000 series machine, see [Measure Makeup Addition \(1000 Series\)](#).

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1. Toggle the jet OFF.
2. Wait for the jet to stop and ensure the pump has stopped before continuing.
3. Open the hydraulic door and slide out the core.
4. Check the Ink Cartridge bladder for ruptures, replace if damaged and check if this resolves the symptoms.



5. Remove the core cover.
6. Disconnect the pump connector. This is a Must! This is a safety precaution.



**Warning - Personal Injury**

**Do not proceed without disconnecting the pump connector from the PCB.**

7. Disconnect the core manifold.
8. Place the manifold in a beaker greater than 100mL. Or the 1710 wash bottle PN 500-0098-186 can be used.



9. Enter the following scratch pad sequence into the printer.

G1,E0,M0,DG1,VM1,VI1,VS0,WM60000,VA0,AR0,G0

10. Run the sequence.
11. Allow 60 seconds for the sequence to stop on its own.
12. Check the amount of fluid in the beaker.
  - Pass: 100-130mL drawn into the beaker
  - Fail: Less than 100mL drawn into the beaker

13. If the scratchpad fails to draw the expected quantity, rerun the sequence. This may clean the circuit and achieve greater than 100mL of fluid into the core.
14. If the fluid drawn is still less than 100mL replace the Gutter Pump Valve Module.

**Triage Next Steps**

**Triage  
Recommended  
Parts**

**Video and Media**

**File Attachment**

**File Attachment 2**

**Disclaimer**

The contents of this email and any attachments are provided as a convenience to Videojet customers to highlight useful information and troubleshooting tips. When working with a product, always consult the product user manual and follow the product safety precautions and recommendations, including using Personal Protective Equipment when necessary. If you have any questions or are not experienced in using or servicing Videojet equipment, contact Videojet for assistance.

**Internal Comments**

**First Published  
Date** 6/6/2016 6:10 PM

**Last Published  
Date** 5/22/2017 9:34 PM

**Version** 5