# Head Voltage Calibration

**AnaJet**®

**Technical Support**

**Version # 1.0**
**Date: 4/5/12**

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# Revision History

| Revision | Description | Author | Date |
|---|---|---|---|
| 1.0 | Initial release. | Paul Green- Product Manager | 4/5/12 |

*Head Voltage Calibration*

## Introduction

This is a troubleshooting guide on how to resolve issues with resetting head voltage calibration

## Scope

This applies to mPower printers only.

## Symptoms

- Nozzle check prints no ink, blank pattern
- Missing channel ink nozzle check that will not return after multiple cleans

## Possible causes

1. Printer needs to be re-booted, power down and power back up followed by a nozzle check
2. Print head voltage needs to be recalibrated:
    - Press Enter, Menu and Jobs at the same time on the control panel to take you into a different menu, only to be used when instructed to do so by technical support.
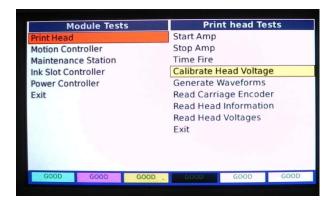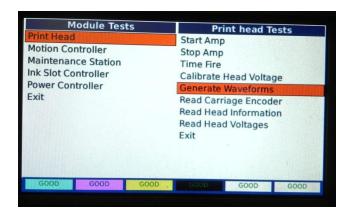


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**Troubleshooting – Head Voltage Calibration**

- Go to the Module Tests menu and press enter



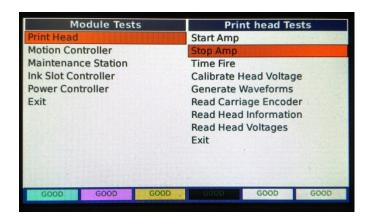- Go into the Print Head menu and press enter



- Go to Calibrate Head Voltage then press enter, wait for the calibration to complete and the pop up screen to go away
- Go to Generate Waveforms and press enter, the color will change from yellow to red.
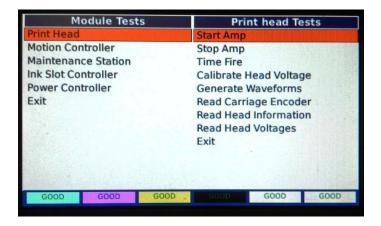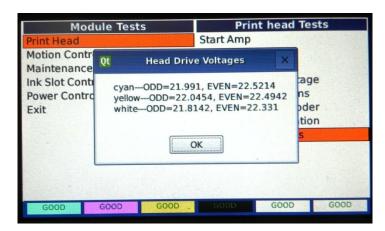
- Go to Stop Amp and press enter, the color will change from yellow to red



- Go to Start Amp and press enter, color will change from yellow to red



- Go to Read Head Voltage to see if this worked and no values show zero.

- If all voltages read press the main menu button and do a print head clean 1 followed by a nozzle check

3. Ink has not yet reached the print heads and a print head clean should be performed followed by a nozzle check, repeat if necessary.