MASH switch calibration tool guide

This document describes the calibration procedure when MASH switch and mainboard is replaced, or if MASH is not functioning properly. The MASH switch cannot function properly without calibration!

Procedure

1. **Make sure that no magnetic sources (like magnets, speakers, metal etc.) are near the pedal during the calibration process. If magnetic sources are present, please remove them and power-cycle the pedal**
2. Do not connect pedal to your Mac or PC computer through USB!
3. Connect 9V power to pedal
4. Wait for pedal to power up
5. Connect your MASH pedal to your Mac or PC computer using a mini USB cable
6. Use TonePrint editor included with this guide
7. Remember file download location, for example "*C:\FileLocation*"
8. Click on windows start menu, click on "Run" or type cmd.exe in search field
9. Open TonePrint Editor by running following command:
   "*C:\FileLocation\toneprint-XXXXXXXX.exe --MashCalibrationTool*"
10. Click on the **info** tab
11. Make sure MASH switch is NOT engaged
12. Click the button "**Calibrate MASH switch for……**"
13. Verify that TonePrint Editor replies "**Command sent to pedal. Please power-cycle pedal**"
14. Disconnect and power-cycle the pedal
15. Verify that MASH LED lights up when MASH switch O-ring is compressed

Description

The MASH Calibration Tool is built into the TonePrint Editor and can be started by executing the program file toneprint-XXXXXXXX.exe in run window by typing command:

"C:\FileLocation\toneprint-XXXXXXXX.exe --MashCalibrationTool"

Make sure that no magnetic sources (like magnets, speakers, metal etc.) are near the pedal during the calibration process. If magnetic sources are present, please remove them and power-cycle the pedal.

Mac

If you are using a Mac, please download the latest TonePrint Editor for Mac.

1) Open the downloaded TonePrint-X.X.XX.XXXX.dmg file
2) Drag the application file onto your Desktop
3) Open the Terminal application and write in command line:

   "/Users/admin/desktop/TonePrint.app/Contents/MacOS/TonePrint --MashCalibrationTool"

4) Replace the "admin" user with your username, before pressing the ENTER key
5) Continue with the rest of this MASH Calibration Tool guide

Click on the info tab

Click on button “Calibrate MASH switch for……”

Please confirm in popup box that you want to calibrate MASH switch.

Verify that the TonePrint Editor replies “Command sent to pedal. Please power-cycle pedal”

Disconnect and power-cycle pedal

Verify that MASH LED lights up when MASH switch O-ring is compressed

MASH switch O-ring is NOT compressed

MASH switch O-ring starts to compress

If calibration fails, pedal might not be calibrated. Try running calibration procedure again and check that footswitch is mounted correctly!

Version history

Version 1.00

First released version

Version 2.00

Removed: "*Please update to latest pedal software, before continuing! Find latest pedal software on tech server.*" Removed because Quintessence Harmony does not need a software update, for MASH switch calibration.

Link updated on page 1.

Version 2.01

Changed procedure 6 from "Download latest TonePrint Editor from "www.tcelectronic.com"" to "Use TonePrint editor included with this guide". Because new TonePrint editor is release without MASH calibration tool.