

# MAVAM ESPRESSO, LLC

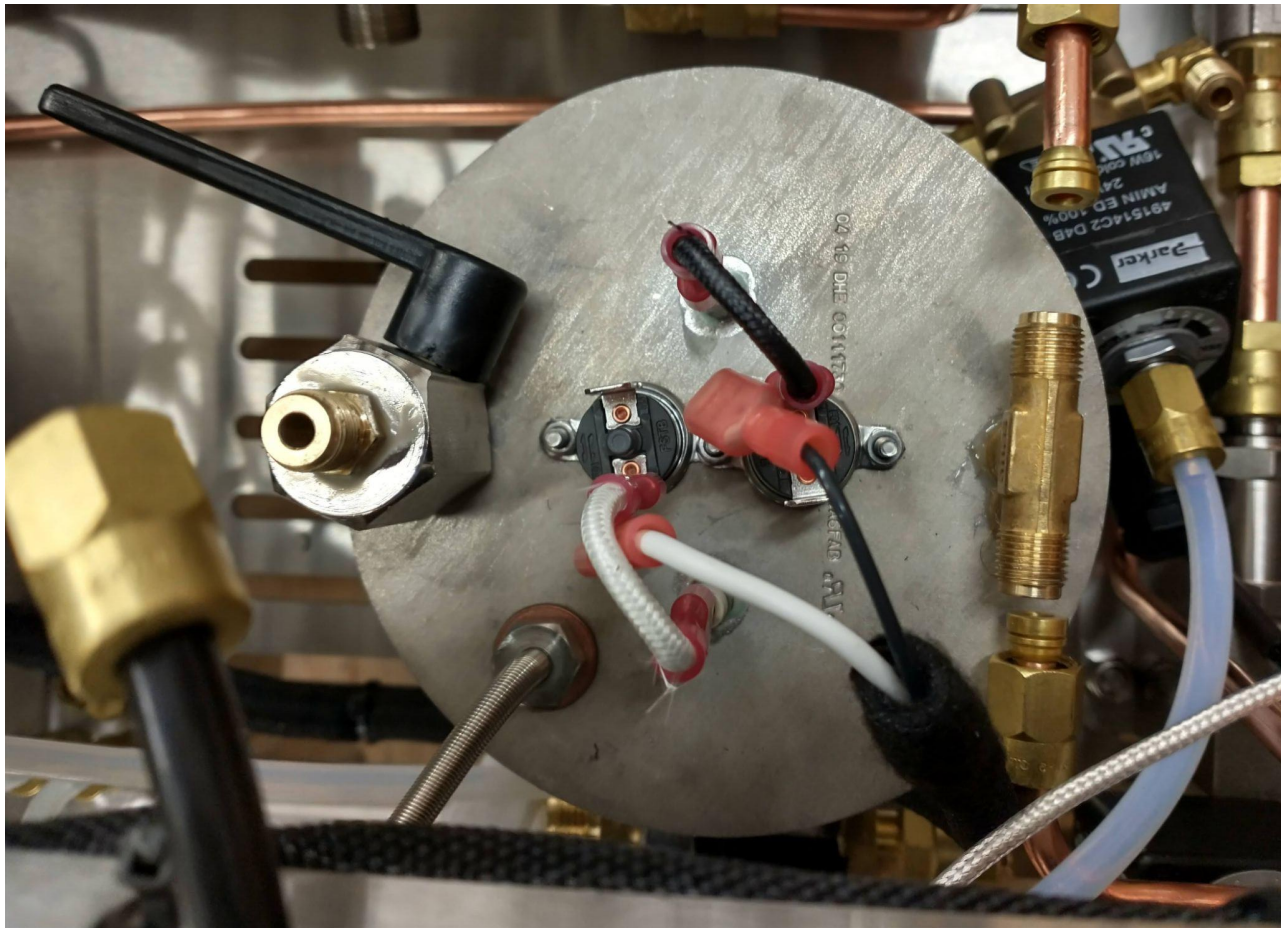
## TECHNICAL DOCUMENT

### 4011 Replacing a Brew Boiler Mach 2

Tools needed: 3mm hex key, 10mm, 12mm wrenches

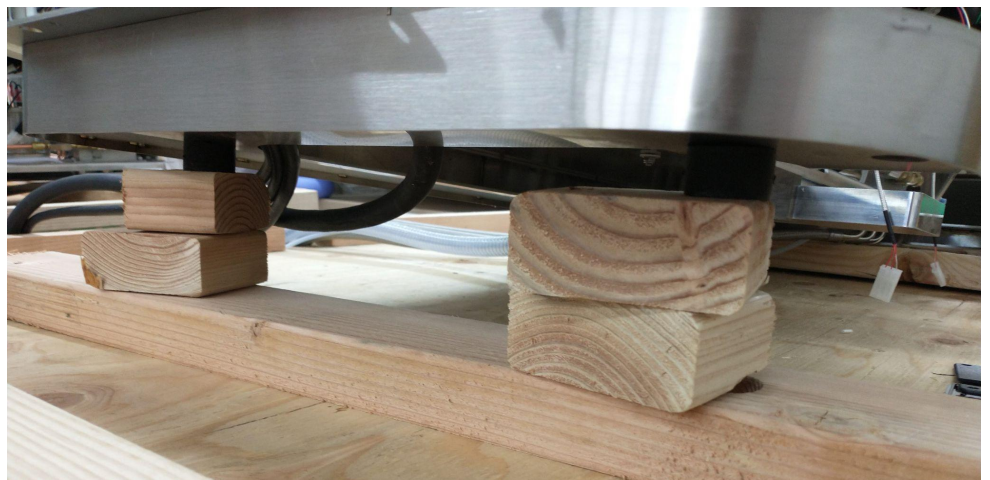
1. Depressurize the machine and coffee boilers [\\*See guide to depressurize the machine](#)
2. Once the machine is depressurized, turn off the water line and the power is switched off. Now you may unplug the machine. **Warning: Machine may still be hot!**
3. Remove top cover and cup tray. Start by turning the shutoff valve off and removing the brew valve, only the water line connecting the valve to the brew boiler shut off (Use two 12mm wrenches to disconnect properly from the fitting in the shut off). **\*Note: Hold onto your .6mm ruby jet to place in the new brew boiler.**
4. Remove electrical connections on the boiler high limits. Disconnect the longer white and black wires, these will get reconnected to the new boiler, and set aside. **\*Note: Your new Complete brew boiler will have these already assembled. Next, unplug the 3 pin Molex connector to the RTD sensor.**





5. Remove both brass 6mm nuts on the tee fitting. **\*Note: there is a 1mm flow restrictor on the cold water input side, the section of the tee pointing directly at you or to the front of the machine. Set aside for installing the new brew boiler.**

6. Use a sturdy object to lift the machine, place the object under the front rubber foot closer to the group you are working on, allowing it to be high enough to loosen the two



- 10mm nuts on the underside of the machine for the correct group. **\*Note: Leave the machine raised until the new boiler has been installed.**

7. The brew boiler is now free and may be removed by pulling straight up. There will be a riser underneath the brew boiler that will need to be used on the installation of the new brew boiler.
8. Install your new brew boiler by reversing the steps. \*Helpful tip: connect both copper tubes for hot and cold water intake, remembering to insert 1mm jet (Stainless Steel) in the cold water side, before tightening down the 6mm nuts underneath. Also, remember to place the .6mm ruby jet in the proper place on the shutoff's brass fitting.

