

# MAVAM ESPRESSO, LLC

---

## TECHNICAL DOCUMENT

### How to Access the Mach Two

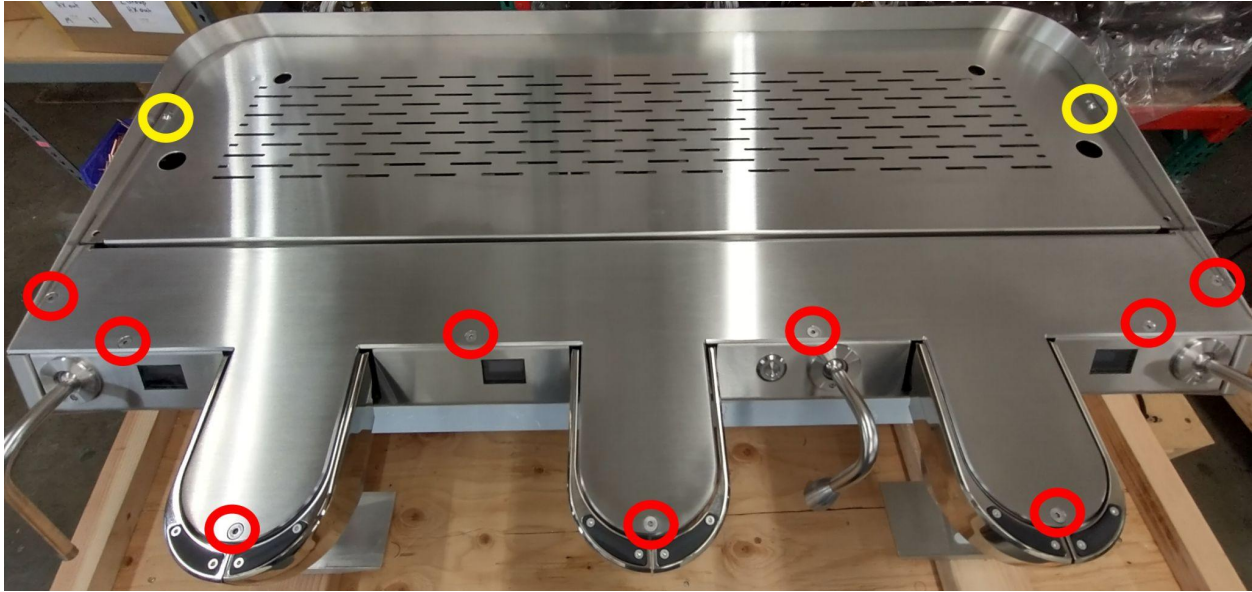
Tools Needed: 3mm hex key

**Warning!** High Voltage area be sure to turn off and unplug the machine before servicing.

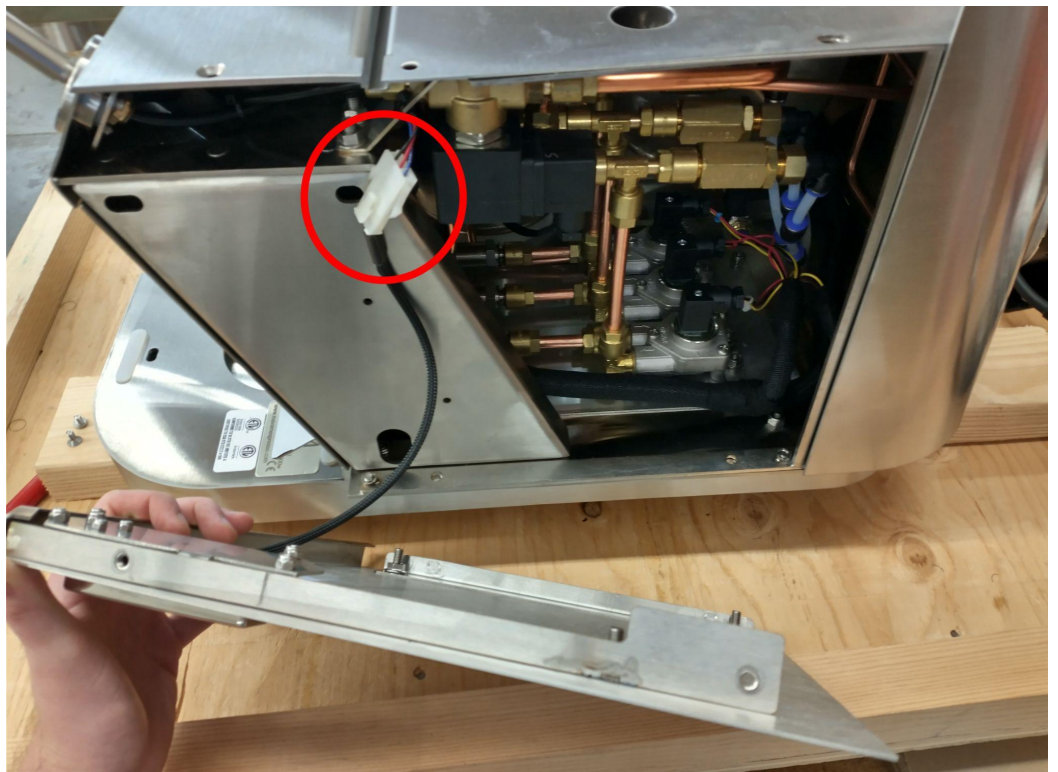


#### Mach Two - Top Covers & Side panels

1. To start removing the top covers, start with the solid cover located directly above your machine's group heads, closer to you.
2. Using the 3mm hex, you will need to undo the screws, 7 screws for a Two group and 9 for a 3 group. (See Red Circled Screws in Reference Photo below.)
3. Lift up and set aside.



4. Next will be the side panels, make sure to remove the 2 screws on top holding each side panel, do so by using the 3mm hex. (See Yellow Circled screws in Reference Photo Above)
5. Then to extract, grab the top of the side panel and tilt away from the machine and then lift the panel from its two set pins on the bottom **\*Note: These Panels are connected electronically, lift the panel slowly to ensure you don't pull on the cable.**
6. Unplug the 3-pin Molex connector and then you may set aside the panel. (See Reference Photo )



7. Repeat Steps 5 & 6 for the opposite side
8. Now for the vented top cover. At this point in the steps, it will not be bolted down by any screws but only has 2 button screws that are shared with one each of the side panels.
9. Then slide toward you, or the front of the machine, and lift up. **\*Note: Be sure to not scratch the back panel lip when extracting, these scratches may be visible once reinstalled.**

#### Mach Two - Front Panel

1. Using the 3mm hex key, remove the 4 screws holding the panel in.
2. When extracting the panel, push the panel up into the frame and pull the bottom portion first then take it out at an angle. **\*Note: Be careful, there is a wired connection on the back that could be damaged if not handled properly**
3. Now you may disconnect the ribbon connection
4. The panel is now disconnected and can be set aside, make sure to place it face down so the electronic board will not be damaged



#### Mach Two - Back Panel (These are rare cases)

1. Using a 3mm hex, you will need to undo the screws on the underside lip, 8 for a two-group and 9 for a three-group. **\*Note: The panel may tip back due to weight once screws are undone keep a hand on it at all times.**
2. Once all screws are removed, set aside and slide the whole back panel, with the frame attached, straight back or away from the machine. **\*Note: Be sure not to angle or try to pull it to the side; it could cause damage to the internal parts and wires of the machine.**