



## Forté Power Board Replacement

\*\*\* Be sure to have a soft work surface like a towel to prevent the polished casing from being scratched\*\*\*

\*\*\* Read entire document **before** removing motor\*\*\*

### Tools Required:

Standard Phillips screw driver, Offset ratchet Phillips screw driver, Baratza calibration tool or 2mm Allen wrench

### Procedure:

#### -Case Removal-

1. Clear beans out of the hopper and run the unit briefly to clear any leftover beans from between the burrs.
2. UNPLUG GRINDER
3. RAISE BOTH LEVER ARMS ALL THE WAY TO THE TOP
4. Remove the 2mm case screw on the top rear of the casing, using our calibration tool



5. Invert the grinder. Using side cutters, remove the rear two feet (ONLY THE REAR FEET)



6. Remove the Philips self-tapping screws from beneath the rear two feet.

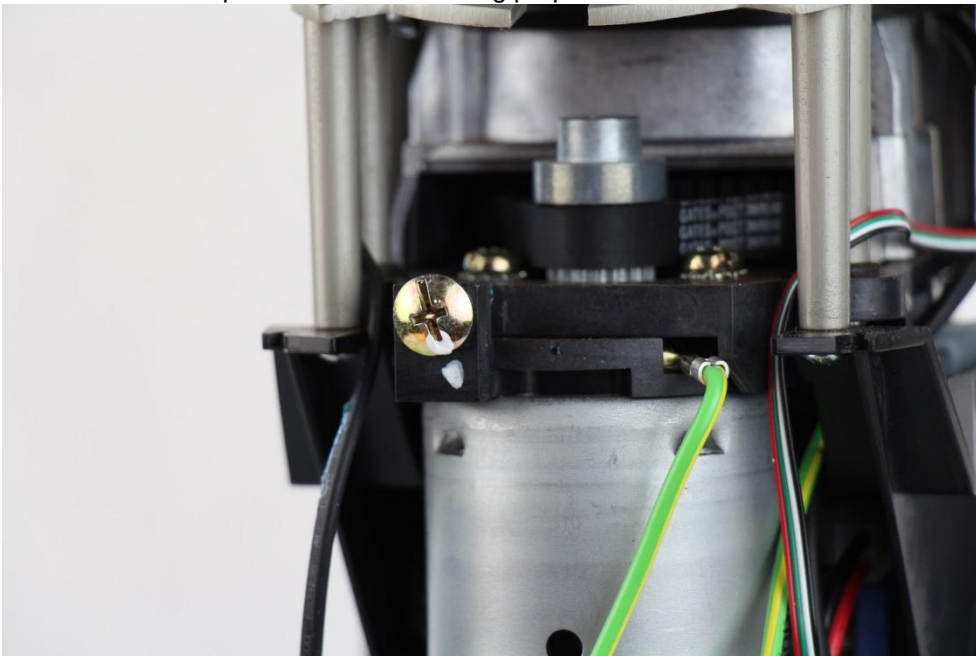


7. Place the grinder right side up and pull the case off from the rear.

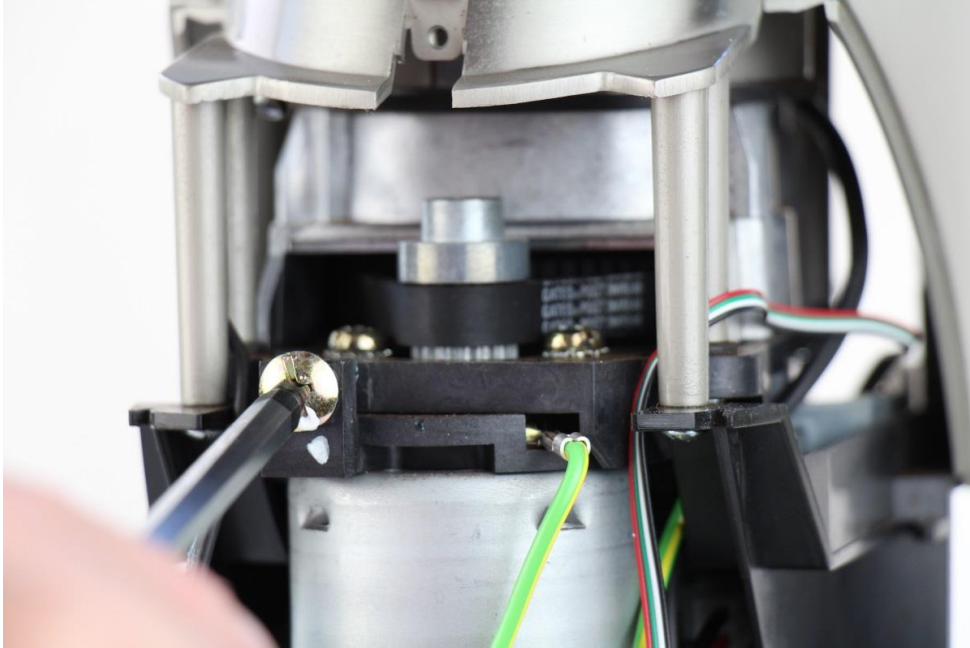


#### **-Motor Removal-**

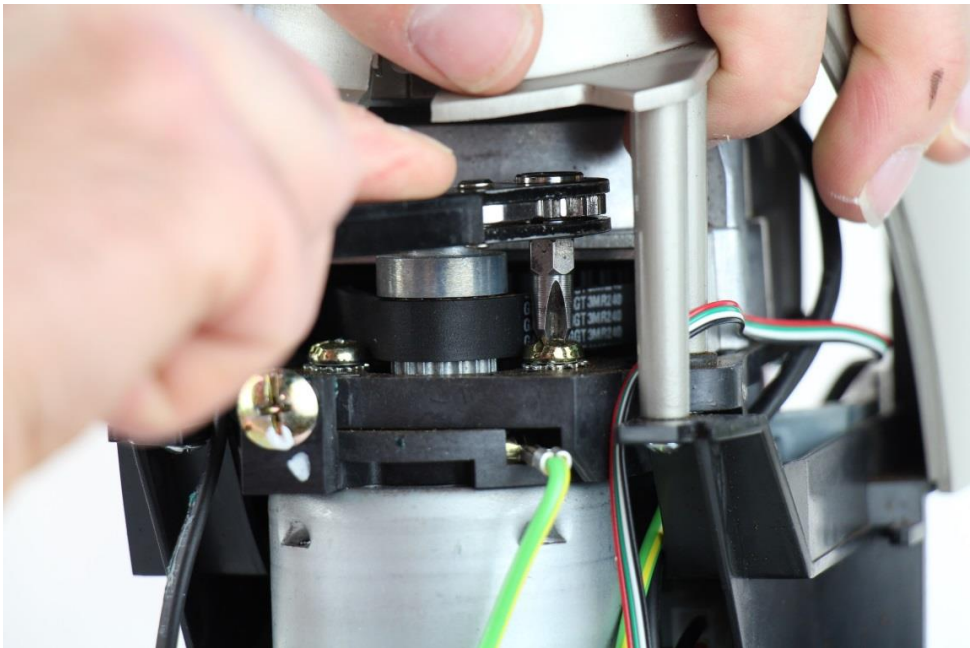
1. Mark the motor tension screw and motor tension plate with a light colored paint pen for rotation reference. This step is crucial for achieving proper belt tension after re-installation.



2. Rotate the screw exactly 1080 degrees (three full rotations) counterclockwise when loosening.

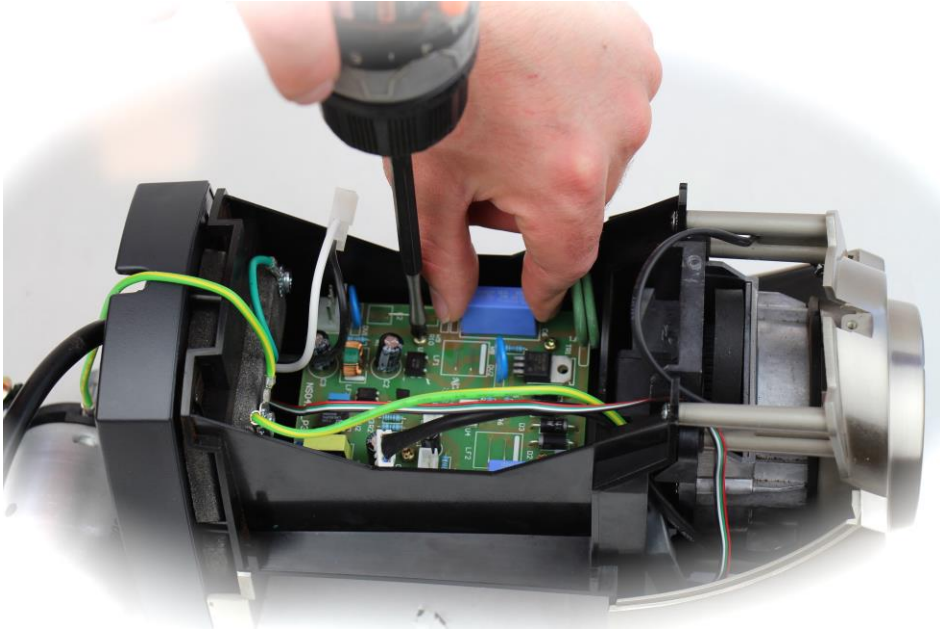


3. Loosen the motor tension screw, but do not remove it from the tension mount.
4. Remove the two Phillips motor mount screws (#1291) holding the motor in place using the offset Phillips ratchet.



5. Unplug the motor from the main power board.
6. You will find it easiest to set the grinder on its face. Unplug all of the connectors that go into the circuit board. \*\* Take note where all of wires plug into on the board- they must go back in the same exact way.

7. Remove the four, gold screws that retain the circuit board. You may find it necessary to pull up on the big blue box with one hand, while unscrewing the screws with the other.

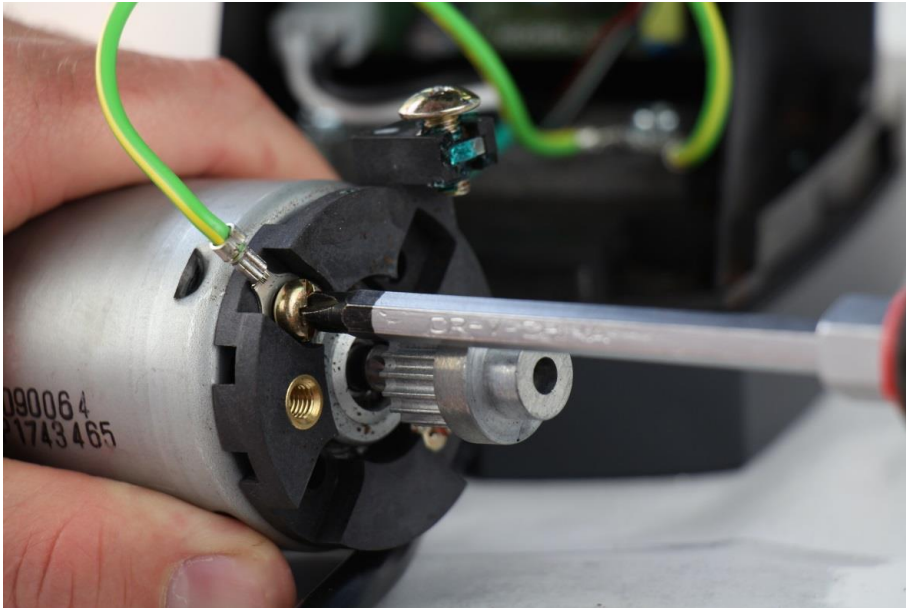


8. Once the screws are removed, pull the circuit board out, fix the issue or replace.
9. Set the circuit board back into the machine and tighten all of the screws. The screws do not need to be torqued down.
10. Plug in all of the connectors, and make sure that they are fully seated before continuing.



### -Reinstall Motor-

1. Plug the new motor into the main power board.
2. Attach the green ground wire to the screw hole directly right of the tensioning screw.



3. Insert the Phillips motor mounting screws and hand tighten. You may need to use the offset ratchet to get the screws in far enough. (Do not completely tighten so motor tension can be adjusted.)
4. Tighten the motor tension screw to the same gap measured before disassembly. Before tightening apply locktite to the screw (finger nail polish can be substituted for locktite.)
5. Tighten the two Phillips motor mounting screws completely.
6. Reinstall the case.

If you have any questions or concerns, please email [support@baratza.com](mailto:support@baratza.com) or call at 425-641-1245.