

## EMI Filter Replacement (220v Machines)

### Required Tools

1. Phillips head screwdriver (Size #1)
2. Standard screwdriver (1/4" tip)
3. Needle nose pliers

**Symptom-** No power to the machine after checking power source and fuse.

**Possible cause-** Lightening strike or power surge.

**WARNING: BEFORE MAKING REPAIRS, BE SURE ON/OFF SWITCH IS OFF AND MACHINE IS UNPLUGGED !**

1. Using a Size #1 Phillips head screwdriver remove the back access panel of the housing.
2. From the back of the machine locate the EMI Filter (see photo left), write down the wire numbers in the space provided that correspond to the each of the (4) connections. Using a needle nose pliers, holding on to the terminal end only remove the (4) connections.
3. Note the direction the EMI Filter is positioned. Using a 1/4" tipped standard screwdriver remove the EMI Filter. The screw heads are on the outside of the housing.
4. Reinstall the new EMI Filter making sure it is positioned the same way as the one that was removed.
5. Using the needle nose pliers reattach the wires according to the numbered diagram written in Step #2.
6. Replace the back access housing cover, plug in the machine. The machine is now ready for operation.

