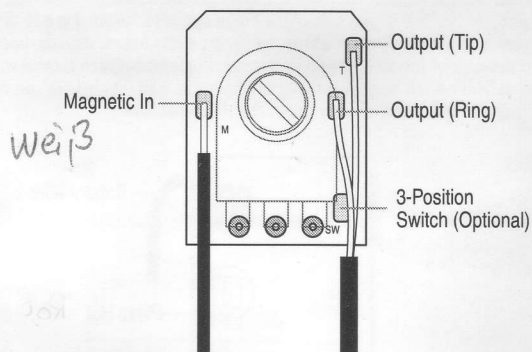


3. Solder the Magnetic pickup hot wire to the circuit board

The pad for the hot wire is located on the same side of the board as the volume pot. This pad, labeled "M", is on the left edge of the board, 3/4" (19mm) from the bottom of the board. A common system ground is located on the opposite side of the board, on a second pad marked "G", adjacent to the Piezo ground. Since there is room for only one wire on this pad, we suggest that you tie all grounds to the body of the Magnetic volume pot, and run a jumper wire to the ground pad on the circuit board.



NOTE: If you install The Powerchip with active magnetic pickups (such as EMG), the Powerchip and the active pickups will share the same battery. Connect the positive battery wire from the magnetics to the +9V pad on the Powerchip. Connect the negative battery wire from the magnetics to terminal #1 on the nine pin jack.

4. Solder the 9-Pin jack to the system

A prewired output cable from the Powerchip is to be soldered to the provided 9-Pin Jack. Prepare the jack by soldering a jumper wire between the sleeve terminal, located on the business end of the jack, and terminal #2, directly below.

Solder the jack as follows:

- Solder the shield from the output cable to terminal #2.
- Solder the red wire from the output cable to terminal #4.
- Solder the white wire from the output cable the terminal #8.
- Solder the black battery wire (negative) to terminal #1.

