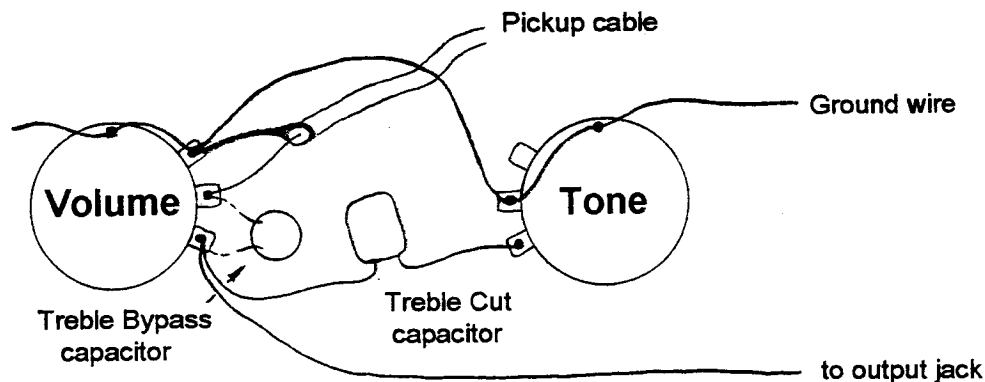


bartolini PICKUPS AND ELECTRONICS

Bartolini pickups are precision magnetic transducers designed and manufactured to bring out the fullest response from electric guitars and basses. They are hand assembled from selected materials and carry a 1-year warranty against defects in workmanship or materials. They are carefully tested for output level, square wave response (this test combines transient and frequency response), hum level and microphonics. They carry a 1 year warranty against defects in workmanship or materials.

Most Bartolini pickups can be used with standard passive tone and volume controls: 250 K-ohm(audio taper) controls for basses and 250 or 500 K-ohm(audio taper) controls for guitars.

Using 500 K-ohm controls for guitar pickups will result in a slight increase in the upper treble range of the instrument.



A **treble bypass capacitor** is often used in guitars to preserve or enhance the treble frequencies when the Volume control is turned down. The value of this capacitor should be in the range of 330 pf (least effect) to .001 mfd (very noticeable effect).

The **treble cut capacitor** attenuates high frequency sound when the Tone control is turned down. The value of this capacitor should be in the range of .01 to .022 mfd for guitars and .022 to 0.047 mfd for basses.

The following precautions should be observed when installing pickups to avoid possible immediate damage or future failure.

DO NOT TEST COIL RESISTANCE WITH VOLTAGES GREATER THAN 1.5 VOLTS. If in doubt, use another voltmeter to test the voltage present at your voltmeter/ ohmmeter probes.

DO NOT OVERHEAT the OUTPUT TERMINALS (pins or wires) or the COPPER FOIL SHIELDING on the back of the pickup. Use a low wattage (25 watts maximum) or thermostatically controlled soldering iron and good quality **electronic** solder. Apply the least amount of heat for the shortest time necessary to make a good connection.

DO NOT USE ACID FLUXES OR ACID CORE SOLDER on any musical instrument electronics.