



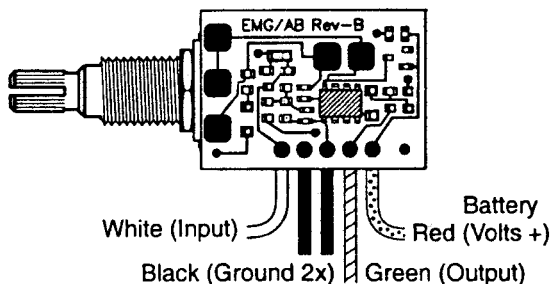
# The After Burner

## Active Volume Booster

INSTALLATION INFORMATION  
Model EMG-AB After Burner

### SPECIFICATIONS FOR EMG-AB After Burner

Output Noise(dBV) .....	-106
Output Impedance (ohm) .....	2K
Input Impedance (ohm) .....	500K
Gain (dB) .....	Up to + 20
Current @ 9V(Microamps) .....	195
Battery Life(Hours) .....	1425
Maximum Supply Voltage .....	18V



The EMG-AB is a booster preamp circuit that utilizes a push/pull pot to activate the amount of boost you want. By adjusting the control it can boost the signal of any pickup up to 20 dB. When the push/pull pot is in the "down" position there is no boost in effect. In the pulled "up" position the signal will be boosted by the amount of gain chosen via the rotation of the pot.

The EMG-AB allows either passive or active pickups to be used. It is designed to be placed just before the output jack of the instrument. Also, the EMG-AB will convert a guitar equipped with passive (High Impedance) pickups to a Low Impedance output.

### GENERAL INSTALLATION NOTES:

- 1) If you already have EMG's or other active electronics in your guitar only one battery is required per instrument. Additional circuits such as the EMG PA-2, SPC, RPC, EXG, EXB, BT, PI-2, etc. do not require an additional battery.
- 2) Use an 9 Volt Alkaline battery. MN1604 or similar for longest life.
- 3) If you are installing pickups along with the EMG-AB, we recommend that you first install the pickups and get them functioning properly before installing the EMG-AB or any other EMG accessory circuits. Then, once you have determined that the pickups are functioning properly, install the accessories.
- 4) When using other EMG accessories such as the SPC, RPC, EXG, EXB, or BT, we recommend that you install the EMG-AB at the end of the chain, the last thing before the jack. An exception to this rule would be if you are using the EMG-AB on a single pickup.
- 5) If your installation is different from the diagrams in these instructions or you need additional help, call or write to us. It is highly possible another EMG Installation Sheet will have the diagram you require.

### Warranty:

All EMG Pickups and accessories are warranted for a period of two years. This warranty does not cover failure due to improper installation, abuse or damage. If at any time a pickup fails to work, return it postage prepaid with proof of purchase. If upon examination the pickup is determined to be defective, a replacement will be made at no charge. Warranty replacement products are covered by this same warranty. This warranty covers only those pickups and accessories sold by authorized EMG Dealers. This warranty is not transferable.



# Instructions for Installing the AB on the Output of the Guitar

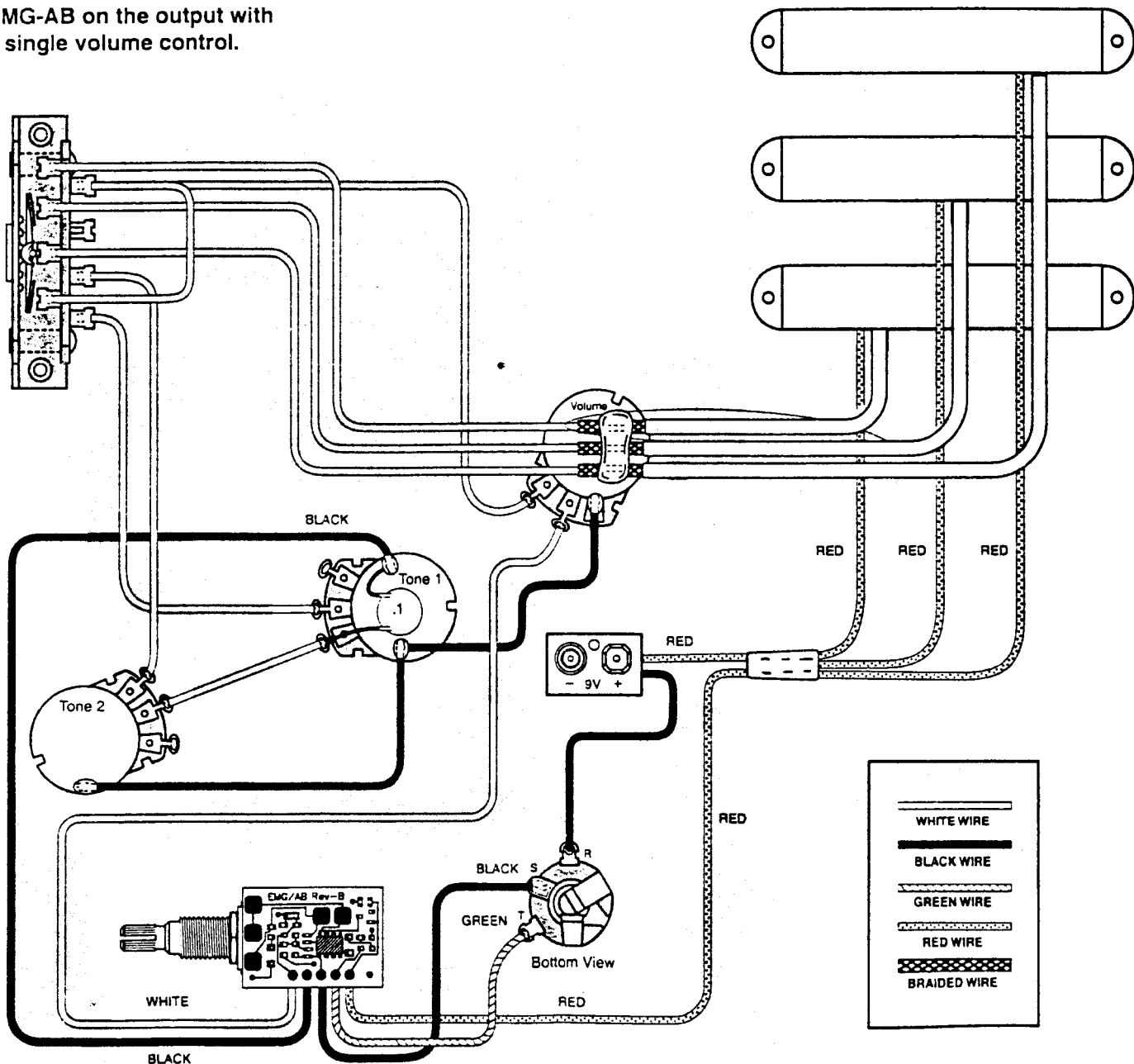
- 1) Mount the EMG-AB in the guitar. This may require drilling a 5/16 inch (8mm) hole.
- 2) Disconnect and remove the wire connecting between the tip terminal of the output jack and the volume control or switch.
- 3) Solder the green wire of the EMG-AB to the tip terminal of the output jack.
- 4) Solder the white wire of the EMG -AB to the volume control or switch where the old output wire was connected.
- 5) Solder one black wire of the EMG-AB to the case of a control. Solder the other black wire to the sleeve terminal of the output jack.

- 6) Solder the red wire of the EMG-AB together with the red wires from the battery clip and the EMG pickups. Cover this connection with heat shrink tubing.

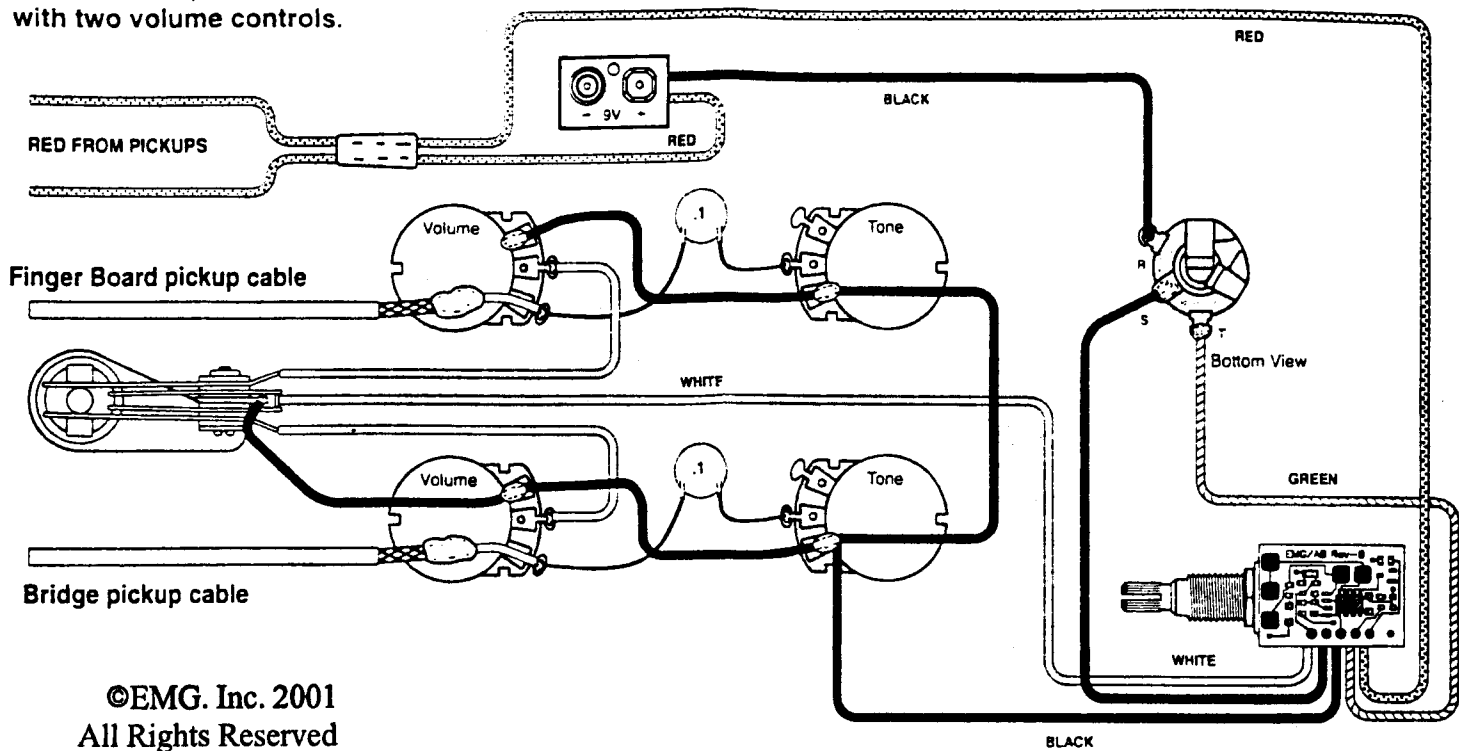
This completes the installation. If you have problems, contact the factory at the number provided on the front page of these instructions. Service is readily available.

If your installation is different from the diagrams in these instructions diagrams are available on the EMG website [www.emginc.com](http://www.emginc.com) It is highly possible the website will have the diagram you require.

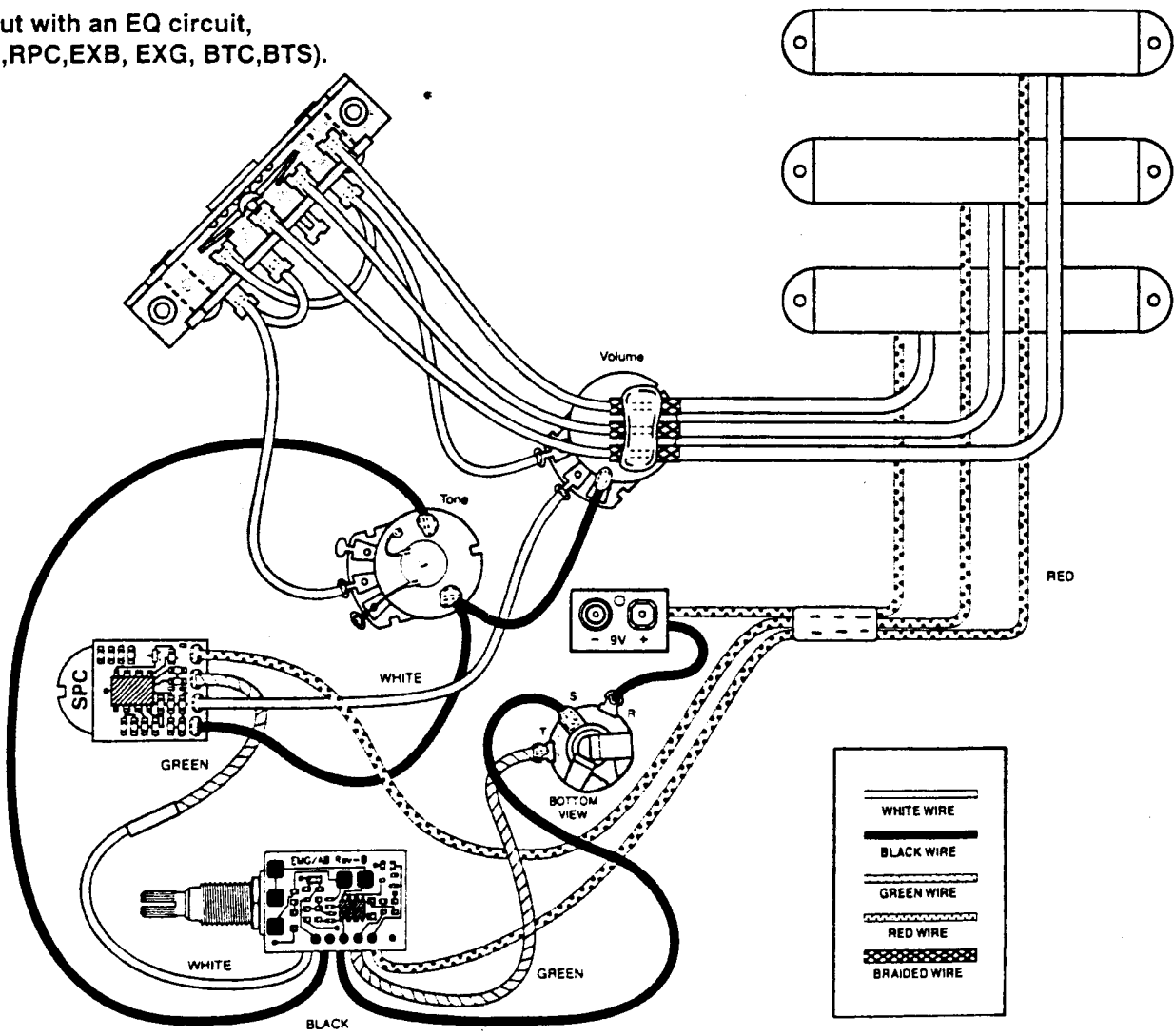
## EMG-AB on the output with a single volume control.



AB on the output  
with two volume controls.



AB on the output with an EQ circuit,  
(such as a SPC, RPC, EXB, EXG, BTC, BTS).



# Instructions for Installing the AB on an Individual EMG Pickup

- 1) Mount the EMG-AB in the guitar. This may require drilling 1/4-inch hole. Refer to the diagram.
  - 2) Leave the braid of the pickup cable soldered to the case of the potentiometer. Disconnect the white inner "Hot" wire of the pickup from the volume control or switch and solder it to the white wire of the EMG-AB. Cover this connection with heat shrink tubing.
  - 3) Solder the green wire of the EMG-AB to the volume control or switch where the old output wire was connected.
  - 4) Solder one black wire of the EMG-AB to the case of a control. Solder the other black wire to the sleeve terminal of the output jack.
  - 5) Solder the red wire of the EMG-AB together with the red wires from the battery clip and the EMG pickups. Cover this connection with heat shrink tubing.
- This completes the installation. If you have problems, contact the factory at the number provided on the front page of these instructions. Service is readily available.

## AB on a single pickup with a 3-way toggle switch

