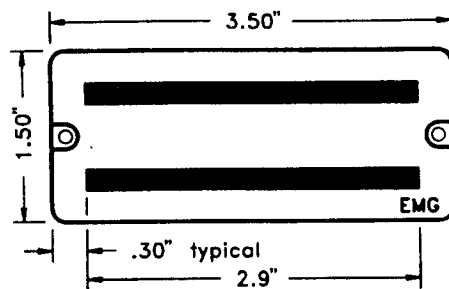


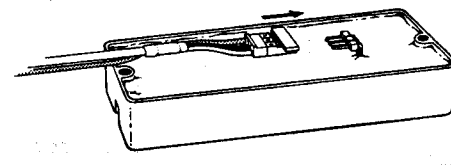


SPECIFICATIONS FOR THE EMG-707

Logo Color.....	Gold
Resonant Frequency(Khz).....	2.65
Output Noise(dBV).....	-90
Output Impedance(Kohm).....	10
Current@ 9V(Microamps).....	80
Battery Life(Hours).....	3000
Length(Inches/mm).....	3.50 (89)
Width(Inches/mm).....	1.50 (38)
Depth(Inches/mm).....	0.75 (19)



The EMG-707 features the EMG Quick-Connect header. Install the output cable as shown in this diagram.



IMPORTANT INSTALLATION NOTES:

- Only one battery is required per instrument. EMG Accessories such as the SPC, RPC EXG, Pi2, PA2, etc. do not require an additional battery.
- Use an alkaline battery, Duracell MN1604 or similar, for longest life.
- The controls included with EMG Systems are 25K Ohm, audio taper. 25K Ohm controls are required for the system to work correctly.
- When installing EMG Pickups, DO NOT reconnect the bridge ground wire. This wire is soldered to a volume or tone control casing and goes to the bridge or vibrato cavity. It grounds the strings and uses them and your body as a shield against hum and buzz. It also creates a shock hazard. EMG Pickups are shielded internally and do not require string grounding. This greatly reduces the possibility of reverse polarity shock from microphones and the like.
- EMG Pickups have very little magnetism compared to high-impedance passive pickups. We recommend you adjust the pickups as close to the strings as possible. Sustain and string movement will not be inhibited by close adjustment.
- If your installation is different from the diagrams in these instructions and you need additional diagrams, contact us by phone, fax, or e-mail. It is highly possible another EMG Installation Sheet will have the diagram you require. Additional diagrams are available at <http://www.emginc.com>
- The magnetic length of the 707 is 2.9 inches. The maximum string width should be under 2.75 inches. Most 7 -string guitars have a n overall string width of less than 2.5 inches at the bridge pickup with Floyd Rose string spacing.

8) USING AN EMG IN COMBINATION WITH PASSIVE OR HIGH IMPEDANCE PICKUPS

a) Instruments that feature a single Master Volume:

If your instrument has a single volume control do not replace it with the 25K EMG volume control. Use the existing (250K/500K) volume and tone controls. If you replace the existing volume control with the 25K, the passive pickup will lose 90% of its output, which you don't want to happen. When you use the existing controls the EMG will have its usual, if not more output. However, the "taper" of the volume will not decrease gradually, but instead the output will remain high until the end of the rotation of the control, then the EMG will turn off much like a switch. Using the 250K/500K tone control will have no effect or tone cut as you rotate the tone pot.

b) Instruments that have a separate volume control for each pickup:

Use the 25K Control for the EMG, but continue to use the 250K/500K control for the passive pickup. If the guitar has a master tone control leave the existing 250K/500K tone control in the instrument. The results will be normal when the passive pickup is used by itself. When both the EMG and the passive pickup are selected, the EMG will dominate. When the EMG is used alone, it's volume control taper will be normal, but the 250K/500K tone control won't have any affect on the EMG.

c) The Active alternative:

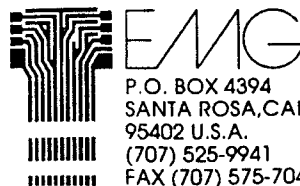
The alternative is to install the EMG-PA2 buffer preamp on the passive pickup. The PA2 will act as an impedance matcher converting the passive pickup to low impedance. The PA2 will change the tone of the passive pickup because the guitar cable will no longer be included in the signal chain. If you choose this method, all the controls in the instrument will need to be 25K Ohm.

d) Use the EMG Output Jack:

In any installation, you will need to install the EMG Output Jack to turn the battery off when the guitar is unplugged. This will prevent unnecessary battery drain.

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.



P.O. BOX 4394
SANTA ROSA, CALIF.
95402 U.S.A.
(707) 525-9941
FAX (707) 575-7046
www.emginc.com

ADDITIONAL INSTALLATION NOTES:

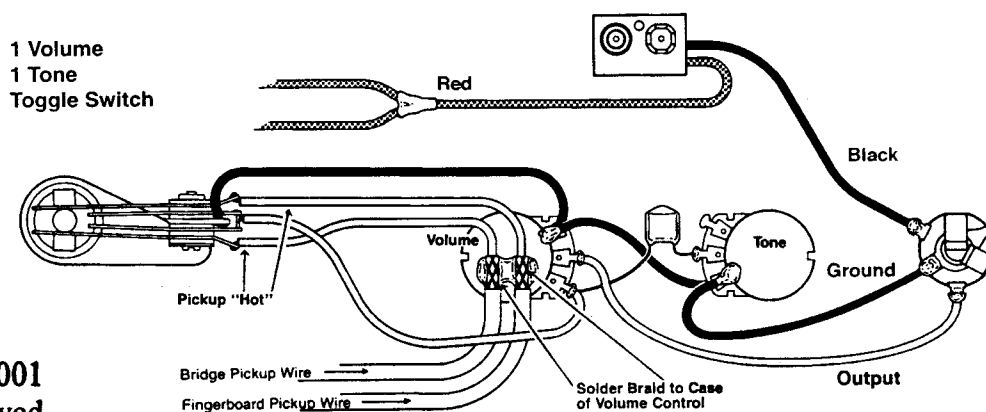
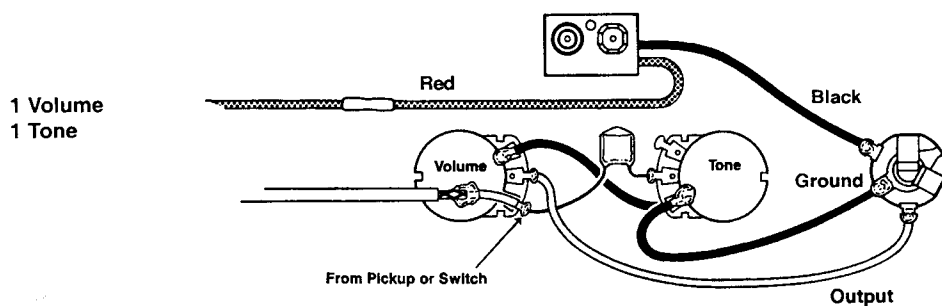
Refer to the following diagrams and find the wiring configuration you want (have) in your guitar. It's recommended that if you plan to install other EMG accessories, do the installation per these instructions and get the system working before adding any extras.

With dual pickup installations it may not be necessary to rewire the selection switch. Often the wires coming from the volume controls, and the wires going to the jack are all within a shielded cable. If this is so, simply compare the wires on the selection switch (usually color coded) and solder them to the appropriate volume control and to the jack.

Refer to the previous page if you plan to mix the 707 with a passive pickup.

INSTALLATION:

- 1) Disconnect the existing pickup(s) from its volume and tone control.
- 2) Disconnect any existing selection switch wires from the volume and tone controls.
- 3) Remove the pickup(s) and the volume and tone controls. Place the EMG Volume and Tone Control(s) in the instrument. Mount the pickup and route the cable to the control cavity.
- 4) Connect the pickup(s) to the volume control as shown in the diagram and connect the switch wires as shown.
- 5) Remove the existing output jack and replace it with the EMG Output Jack. Solder the output wires to the jack as shown in the diagram.
- 6) Solder the RED wire(s) of the pickup(s) to the RED wire of the battery clip and cover the connection with the heat-shrink tubing provided.
- 7) Install a 9V battery onto the battery clip. Use some of the packaging foam that comes with the pickup and surround the battery to insulate it from the controls. Place the battery in the control cavity.
- 8) We suggest you test the guitar before closing up the control cavity to make sure everything is working.



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