

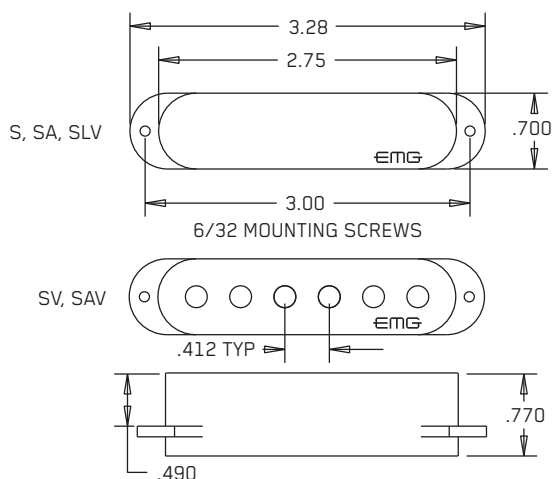


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## INSTALLATION INFORMATION

### EMG MODELS: EMG-S, SA, SV, SAV, SLV



#### SPECIFICATIONS:

	S	SA	MODEL:	SV	SAV	SLV
Logo Color	White	Gold		Gold	Gold	Gold
Magnet Type *	C	A		A	A	A
Resonant Frequency (KHz)	4.05	3.70		2.41	4.41	3.33
Output Voltage (String)	1.00	1.00		1.00	1.00	1.00
Output Voltage (Strum)	3.00	3.00		3.00	3.00	3.00
Output Noise (60 Hz)	-101	-101		-102	-101	-103
Output Impedance (Kohm)	10	10		10	10	10
Current @9V (Microamps)	80	80		80	80	80
Battery Life (Hours)	3000	3000		3000	3000	3000
Maximum Supply (Volts DC)	27	27		27	27	27

\*Note: Magnet Type: A (Alnico) C (Ceramic)

#### INSTALLATION NOTES:

All EMG Pickups are compatible with each other. The connector system is an easy method of installation, avoiding the need to solder. Older systems may need to be soldered, while the newer systems can be easily connected and modified. If you have an older EMG Pickup you can install the new system along with it.

EMG accessories like the VLPF, EXG, SPC or RPC Controls can be added to any EMG Pickup System without the need for an extra battery.

#### IMPORTANT INSTALLATION NOTES:

- 1) Only one 9-Volt battery is required to power the pickups and any accessories such as the SPC, RPC, EXG, AB, PA-2, and Pi-2. Use an Alkaline or Lithium battery for longest life.
- 2) The Volume and Tone controls included with this EMG System are 25K Ohm. This value is required for the system to work correctly.
- 3) A stereo output jack (12B) is included with the EMG Pickups; it grounds the black battery wire to turn on the pickups when the plug is inserted into the jack. If you are replacing passive pickups, make sure to use the jack included. If your guitar has a long panel jack (see Page 2, bottom), make sure it is a stereo type, a Switchcraft 152B is recommended.
- 4) When installing EMG Active Pickups, DO NOT connect the bridge ground wire. This wire is usually soldered to a volume or tone control casing and goes to the bridge. This wire 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 other equipment.

- 5) EMG Active Pickups have very little magnetism compared to 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.
- 6) If your installation is different from the diagrams in these instructions or you need additional diagrams visit our website: [emgpickups.com](http://emgpickups.com) for a complete listing of available diagrams.

#### 7) SPECIAL NOTE:

The diagrams shown are for EMG Active Pickups.  
All diagrams show the Red Wire coming from the pickups connected to the battery. If you are installing EMG-HZ Passive Pickups refer to their diagrams. The Red Wire of the HZ Pickup is NOT for battery power, it is a coil wire.

#### 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 upon examination the pickup is determined to be defective, a replacement will be made. 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.