



## SPECIFICATIONS

Logo Color	Gold
Resonant Frequency (Khz)	2.75
RMS Output Voltage	0.7
Peak Output Voltage	2.0
Output Noise (dBV)	-90
Output Impedance (Kohm)	10
Current @ 9V (Microamps)	80
Battery Life (Hours)	3000

## INSTALLATION INFORMATION

EMG Model: EMG-91

## EMG-91 INSTALLATION INSTRUCTIONS

1) Do not remove the strings. It is best to mount the pickup parallel to the strings, so having them on the guitar during installation is important. Remove the pickguard.

2) Remove enough wood from the sides of the fingerboard to fit the pickup bracket. It has an internal dimension of 2 1/16".

3) Mount the pickup parallel to the strings using the screws provided. It should be mounted as close to the strings as possible as long as it doesn't hamper the player. Pickup output increases with closer proximity thereby increasing the signal to noise ratio. Low flux magnets are used in EMG pickups so they won't affect string vibration.

4) There are two jacks provided with the pickup. The long shafted jack (152B) is for mounting in the end block. The standard jack (12B, 3/8" drill size) is for side mounting. Choose one and wire the jack as shown in the diagram. If you are mounting the 152B (29/64" drill size with 15/32-32 tap or 1/2" without tap) in the end block, you will need to feed the battery black wire out the end block hole from inside the guitar before soldering. You may also need to use the extra black wire provided to lengthen the battery black wire. The braid of the coax solders to the sleeve connection (ground). The inner "HOT" wire solders to the tip connection. The battery black wire solders to the ring connection.

**NOTE:** There are many different ways of mounting the volume and tone controls and battery. For the sake of simplicity, only one method is mentioned in these instructions. The volume and tone controls are mounted to the pickguard and the battery is mounted with velcro to the inside top of the guitar.

5) Drill two 5/16" holes in the pickguard and mount the volume and tone controls.

6) Solder the braids of both the pickup cable and the coax provided for the output cable to the case of the volume pot. Solder the inner "HOT" pickup wire to the outer lug of the volume pot, and the inner "HOT" output wire to the middle lug of the volume pot as shown in the diagram. You may want to trim and restrip the pickup cable so that it will run neatly under the pickguard when reinstalled on the guitar.

7) Solder the red wire of the pickup to the red wire of the battery clip.

8) The battery will be mounted on the inside top of the guitar, next to the F hole. With a lint-free cloth, clean the dust and dirt off the inside top of the guitar where the battery will be located and adhere the piece of velcro. Adhere the other piece of velcro to the battery. The 9-volt alkaline battery will last 3000 hours. Unplug the guitar when not in use as this will shut off the battery circuit and lengthen battery life.

9) Reinstall the pickguard and tuck the wires underneath the pickguard or inside the F hole.

10) Partslist: (1) EMG-91, (18") Coax cable, (9") Black hookup wire, (1.5") Velcro, (2) pieces Shrink Tubing, (1) 12B Jax with Battery Clip, (1) 152B Jax with Battery Clip, (1) Split Shaft Volume & Tone Control Set (16mm cans), (6) Bracket Screws, (1) Instructions

## 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. Interface electronics (controls, etc.) are not covered under this warranty. If at any time a pickup fails to work, return it postage pre-paid 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.



