



# Инструкция по использованию гитарных звукоснимателей **EMG S1, S2, S3**

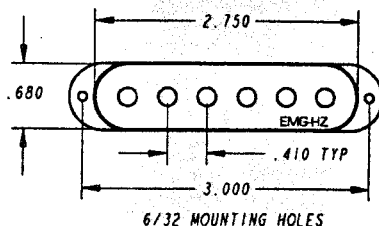
*(на английском языке)*

- Размеры звукоснимателя EMG
- Технические характеристики
- Перечень комплекта поставки
- Схемы подключения для различных конфигураций в картинках



# INSTALLATION INFORMATION

EMG-HZ Models: S1, S2, S3,



## Specifications:

### Model:

Logo Color

Inductance (Henries)

DC Resistance (KOhm)

Resonant Frequency Hz (1)

Resonant Frequency Hz (2)

Z@ Resonance (KOhm) (1)

S1	S2	S3
Gold	Gold	Gold
4	2.38	4
11	6.6	11
2300	2850	2300
3950	4400	3950
57.7	42.5	57.7

### Notes:

(1) Loaded with 500K V & T w/20' cable (750pf)

(2) Loaded with 1 MegOhm/47pf

(3) Humbucking Pickups are series wired.

## Each pickup includes:

5 pin cable pre-wired in Humbucking Series format

Adjustment screws with springs

## IMPORTANT INSTALLATION NOTES:

All EMG-HZ are direct replacement for Humbucking Size Pickups. 5-wire cable allows Series/Parallel switching or simple single/dual-coil combinations can be used.

### Pole Spread:

Standard pole spread is .420 inches (10.67mm)



Made in USA

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### EMG-HZ Warranty:

All EMG-HZ 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 under this same warranty. This warranty covers only those pickups and accessories sold by authorized EMG Dealers.

## ADVANCING THE ART OF THE PASSIVE PICKUP

Please visit the EMG website for more information. <http://emgpickups.com>  
or write EMG, Inc. P.O.Box 4394, Santa Rosa, CA 95402

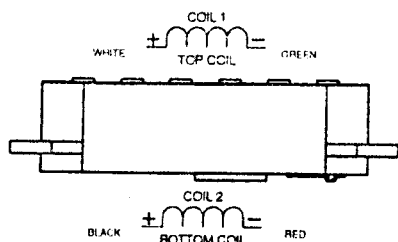
## Installation for EMG-HZ Models: S1, S2, S3,

### Wiring Legend:

The legend for the coils and wire colors are shown on the bottom of the pickup.

Legend	Wire Color	Coil	Polarity
G 1-	Green	Top	Negative
W 1+	White	Top	Positive
GND	GROUND		SHIELD
R 2-	Red	Bottom	Negative
B 2+	Black	Bottom	Positive

### S1, S2, S3, MODELS

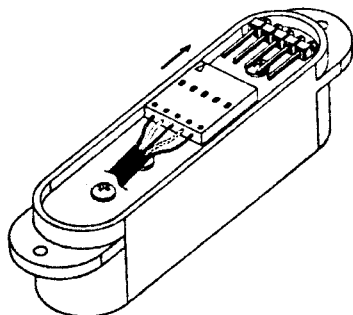


### Passive Installations:

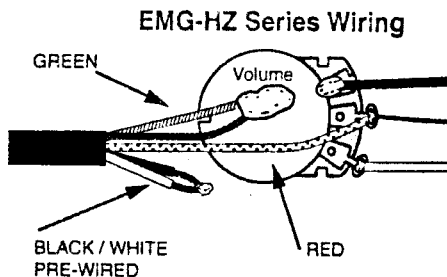
The HZ Pickups will work with either 250K Ohm or 500K Ohm pots (Audio Taper) and a tone capacitor value of .047 microfarad. 500K Ohm pots provide a slight up-shift of resonant frequency and approx. 3dB more gain at resonance and are recommended for Dual-Coil Pickups.

### A note about string grounding:

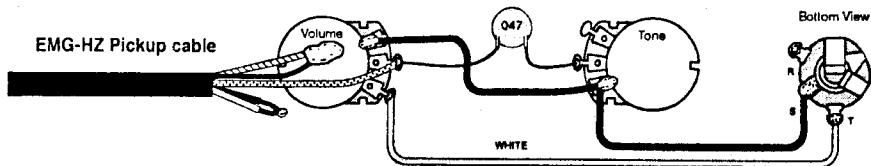
Although the EMG-HZ Pickups are shielded, they still require string grounding, especially the A(Alnico) models. String grounding uses your body as a shield to help in reducing hum and buzz from the pickup. It also can create a shock hazard due to mis-matched polarities. Be sure to make sure your guitar is electrically in phase with any microphones as well as other players instruments.



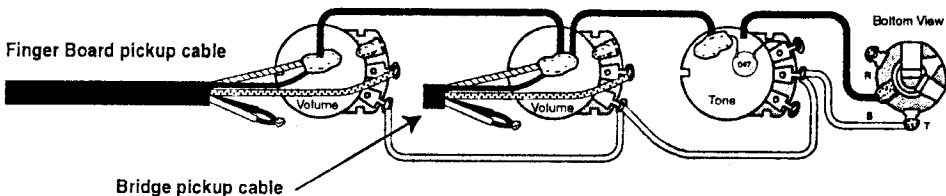
Insert EMG 5-pin Quik Connect cable as shown



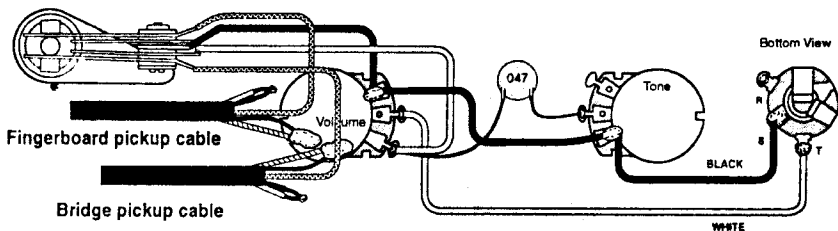
**EMG- HZ Diagram 1**  
**1 Volume, 1 Tone**



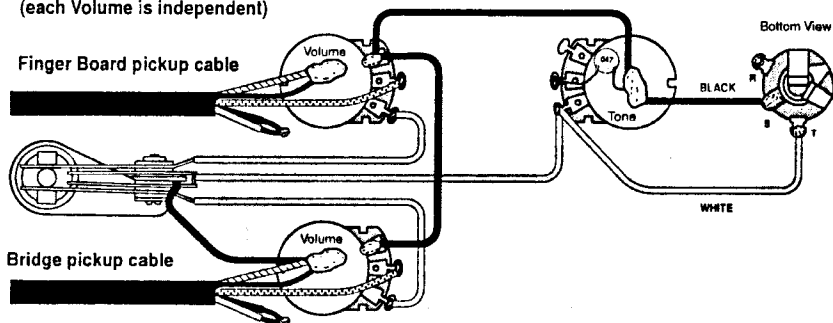
**EMG-HZ Diagram 2**  
**2 Volume, 1 Tone**  
**(each Volume is independent)**



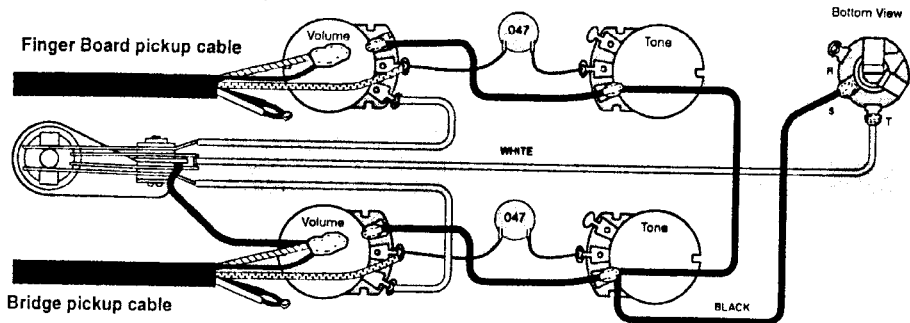
**EMG-HZ Diagram 3**  
**1 Volume, 1 Tone w/switch**



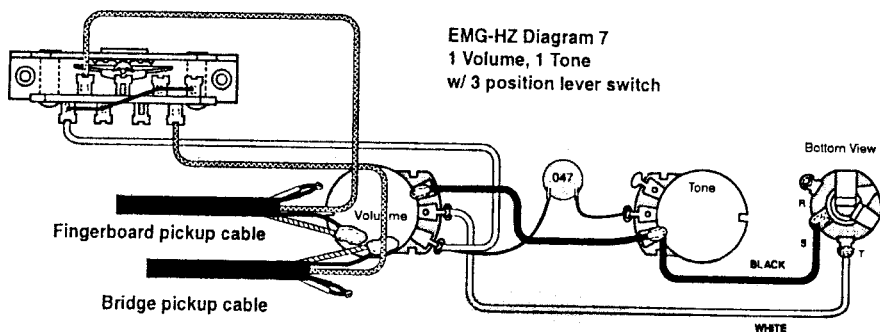
**EMG-HZ Diagram 4**  
**2 Volume, 1 Tone w/switch**  
**(each Volume is independent)**



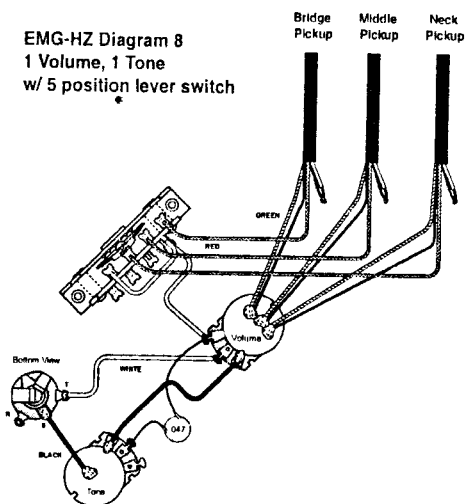
EMG-HZ Diagram 6  
2 Volume, 2 Tone w/switch  
(each Volume is independent)



EMG-HZ Diagram 7  
1 Volume, 1 Tone  
w/ 3 position lever switch



EMG-HZ Diagram 8  
1 Volume, 1 Tone  
w/ 5 position lever switch



EMG-HZ Diagram 9  
1 Volume, 2 Tone  
w/ 5 position lever switch

