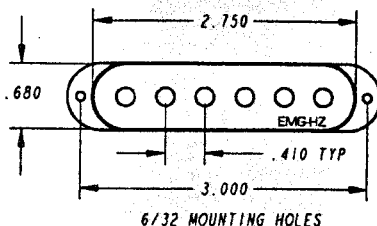




**INSTALLATION INFORMATION**  
EMG-HZ Models: S1, S2, S3,



**Specifications:**

Model:	S1	S2	S3
Logo Color	Gold	Gold	Gold
Inductance (Henries)	4	2.38	4
DC Resistance (KOhm)	11	6.6	11
Resonant Frequency Hz (1)	2300	2850	2300
Resonant Frequency Hz (2)	3950	4400	3950
Z@ Resonance (KOhm) (1)	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

© COPYRIGHT 2002

**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

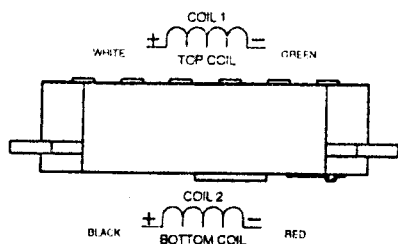
## Installation for EMG-HZ Models: S1, S2, S3,

### 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

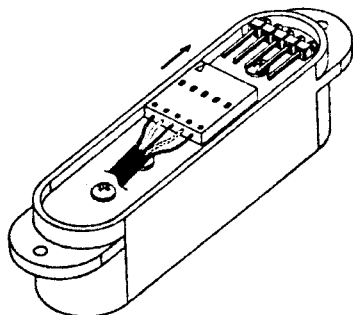


### Passive Installations:

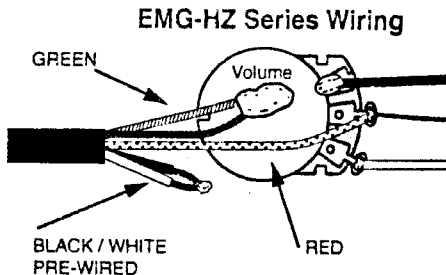
The HZ Pickups will work with either 250K Ohm or 500K Ohm pots (Audio Taper) and a tone capacitor value of .047 microfarad. 500K Ohm pots provide a slight up-shift of resonant frequency and approx. 3dB more gain at resonance and are recommended for Dual-Coil Pickups.

### A note about string grounding:

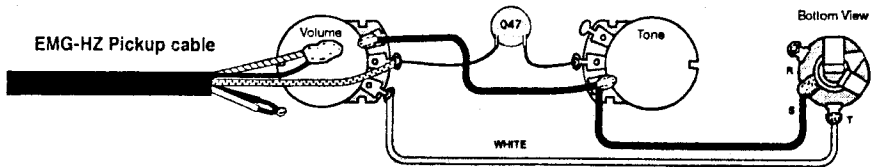
Although the EMG-HZ Pickups are shielded, they still require string grounding, especially the A(Alnico) models. String grounding uses your body as a shield to help in reducing hum and buzz from the pickup. It also can create a shock hazard due to mis-matched polarities. Be sure to make sure your guitar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



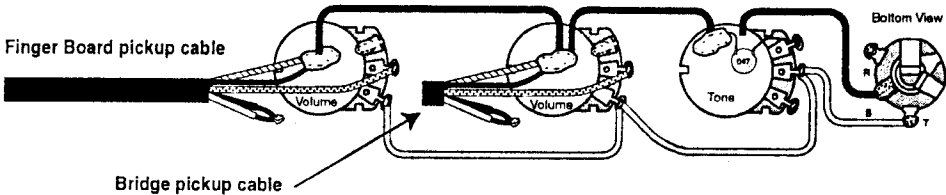
Insert EMG 5-pin Quik Connect cable as shown



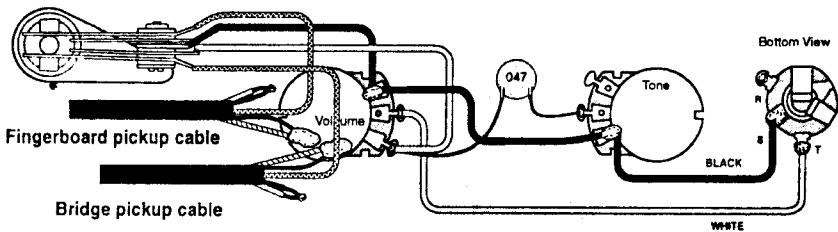
EMG- HZ Diagram 1  
1 Volume, 1 Tone



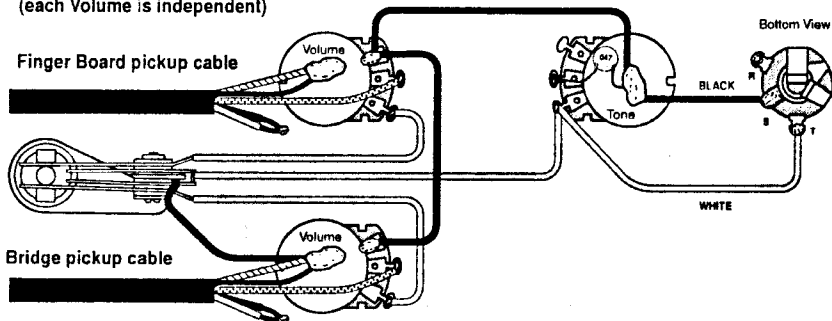
EMG-HZ Diagram 2  
2 Volume, 1 Tone  
(each Volume is independent)



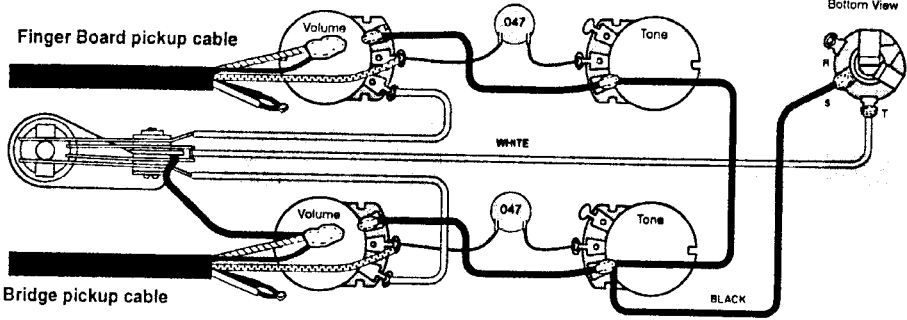
EMG-HZ Diagram 3  
1 Volume, 1 Tone w/switch



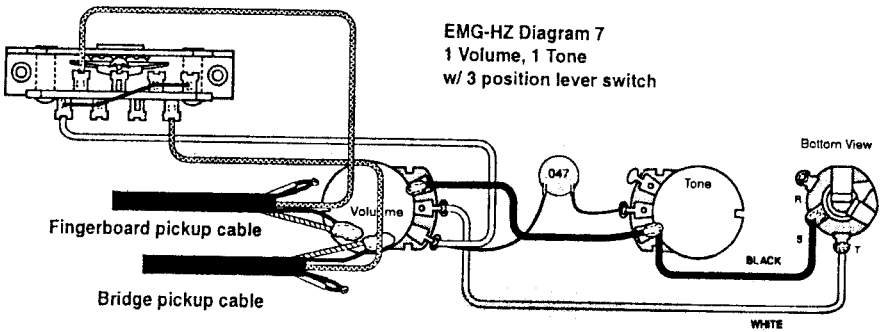
EMG-HZ Diagram 4  
2 Volume, 1 Tone w/switch  
(each Volume is independent)



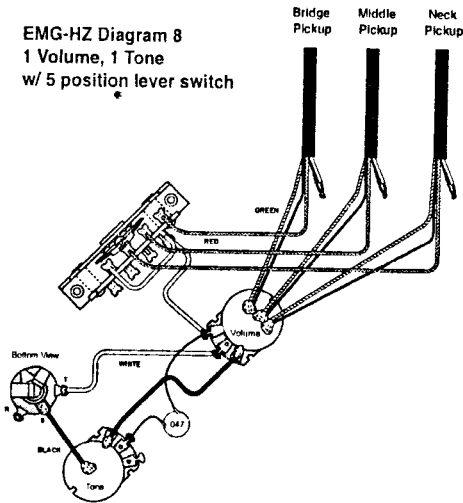
**EMG-HZ Diagram 6**  
**2 Volume, 2 Tone w/switch**  
**(each Volume is independent)**



**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**

