



## INSTALLATION INFORMATION

EMG-HZ Models:  
35HZ, 40HZ, 45HZ

### Specifications:

Model:	35-HZ	40-HZ	45-HZ
Logo Color	Silver	Silver	Silver
Inductance (Henries)	2.65	3.15	3.62
DC Resistance (KOhm)	8	9.6	11
Resonant Frequency Hz (1)	2850	2600	2400
Resonant Frequency Hz (2)	4900	4400	4050
Impedance @ Resonance (KOhm) (1)	47.5	51.5	54.5

### Notes:

- (1) Loaded with 250K or 500K V & T w/20' cable (800pf)
- (2) Loaded with 1 MegOhm/47pf

### Each pickup includes:

- 5 pin cable pre-wired in Humbucking Series format
- Adjustment screws

## IMPORTANT INSTALLATION NOTES:

### Recommended String Width

Model	35HZ	2.75 inches	4 string or narrow 5 string
Model	40HZ	3.125 inches	5 string or narrow 6 string
Model	45HZ	3.75 inches	6 string

All EMG-HZ bass pickups feature bar style construction.  
Refer to the dimensions above for maximum string width.



### 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.

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## 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

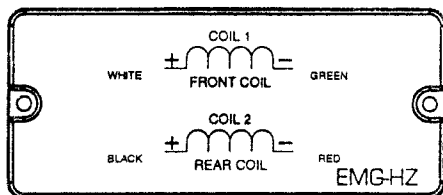
# Installation for EMG-HZ Models: 35HZ, 40HZ, 45HZ

## 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	1	Negative
W 1+	White	1	Positive
GND	GROUND		SHIELD
R 2-	Red	2	Negative
B 2+	Black	2	Positive

## 35 HZ, 40HZ, 45HZ MODELS

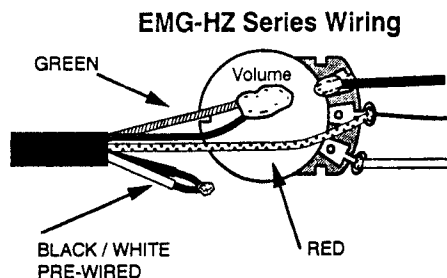
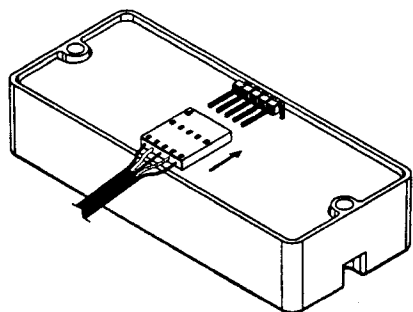


## Passive Installations:

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.

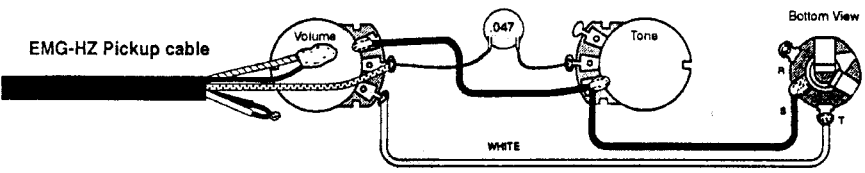
## A note about string grounding:

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.

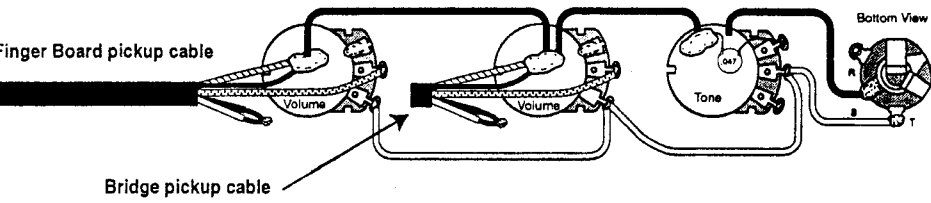


Insert EMG 5-pin Quik Connect cable as shown

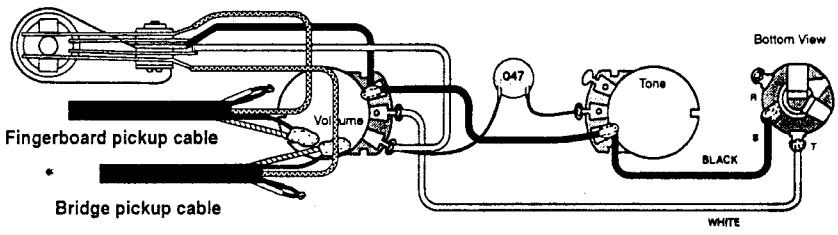
**EMG-HZ Diagram 1**  
**1 Volume, 1 Tone**



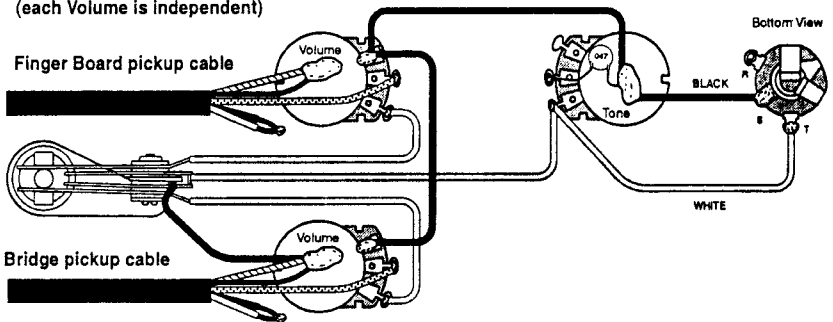
**EMG-HZ Diagram 2**  
**2 Volume, 1 Tone**  
**(each Volume is independent)**



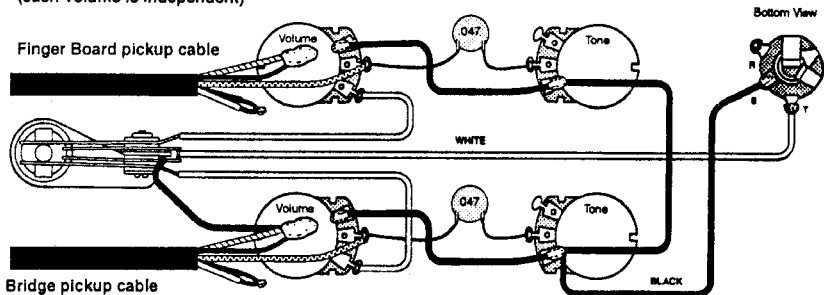
**EMG-HZ Diagram 3**  
**1 Volume, 1 Tone w/switch**



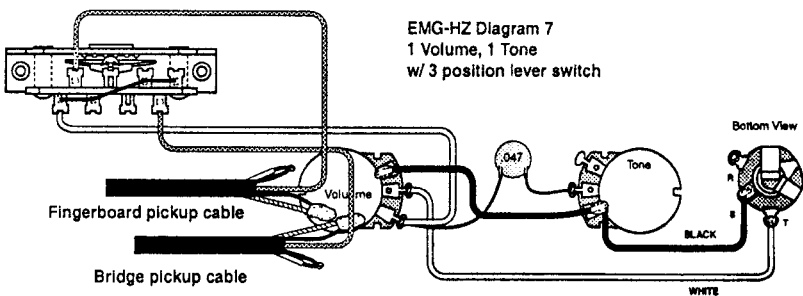
**EMG-HZ Diagram 4**  
**2 Volume, 1 Tone w/switch**  
**(each Volume is independent)**



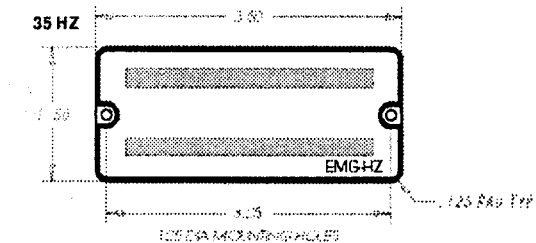
EMG-HZ Diagram 6  
 2 Volume, 2 Tone w/switch  
 (each Volume is independent)



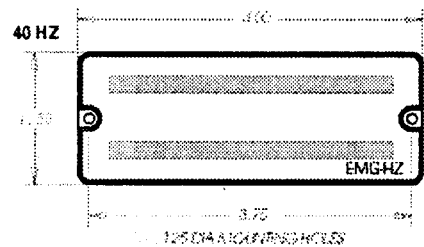
EMG-HZ Diagram 7  
 1 Volume, 1 Tone  
 w/ 3 position lever switch



35 HZ



40 HZ



45 HZ

