

INSTALLATION INFORMATION

EMG-HZ Models:

H1, H2, H3, H4, H1A, H2A, H3A, H4A

Specifications:

Model:	H1	H1A	H2	H2A	H3	H3A	H4	H4A
Logo Color	Silver	Gold	Silver	Gold	Silver	Gold	Silver	Gold
Inductance (Henries)	7.15	7.8	4.53	4.9	7.4	7.67	7.37	8
DC Resistance (KOhm)	13.65	13.65	8.4	8.4	13.65	13.65	13.65	13.65
Resonant Frequency Hz (1)	1650	1650	2225	2125	1725	1725	1700	1600
Resonant Frequency Hz (2)	3125	3000	4000	3825	3000	2925	2950	2875
Z@ Resonance (KOhm) (1)	74	80.8	63.3	65.4	80.2	83.3	78.7	80.5

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

Extra pole pieces

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 .388 inches (9.85mm) for Tune-o-matic bridges

Floyd pole spread is .420 inches (10.67mm) for Floyd Rose bridges

Models H4 and H4A feature Bar Poles and are suitable for either Tune-o-matic or Floyd Rose Bridge Models.



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

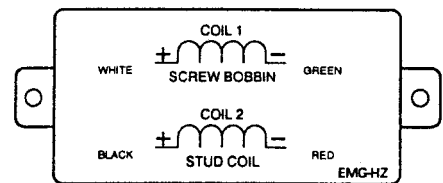
Installation for EMG-HZ Models: H1, H2, H3, H4, H1A, H2A, H3A, H4A

Wiring Legend:

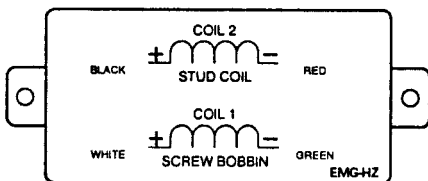
The legend for the coils and wire colors are shown on the bottom of the pickup.

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

FINGERBOARD MODELS



BRIDGE / FLOYD MODELS

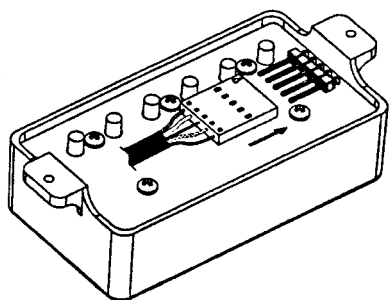


Passive Installations:

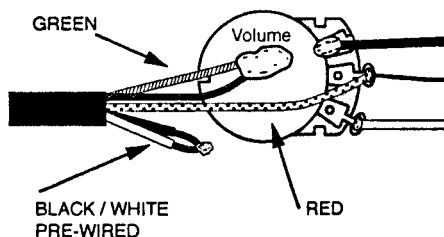
The HZ Pickups will work with either 250K Ohm or 500K Ohm pots (Audio Taper) and a tone capacitor value of .047 microfarad. 500K Ohm pots provide a slight up-shift of resonant frequency and approx. 3dB more gain at resonance and are recommended for Dual-Coil Pickups.

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.

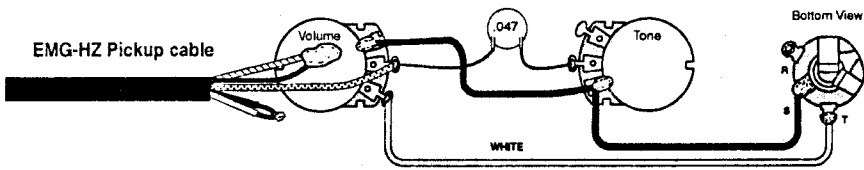


EMG-HZ Series Wiring

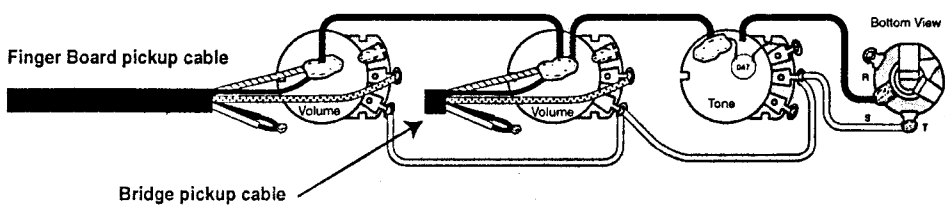


Insert EMG 5-pin Quik Connect cable as shown

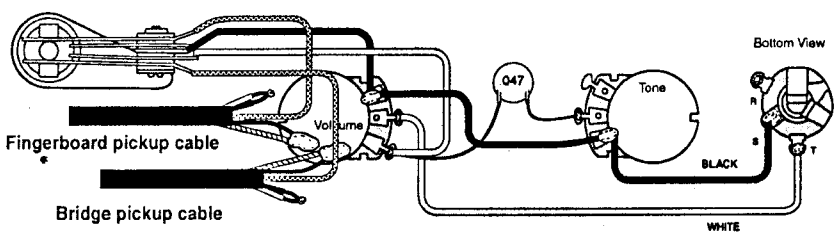
EMG- HZ Diagram 1
1 Volume, 1 Tone



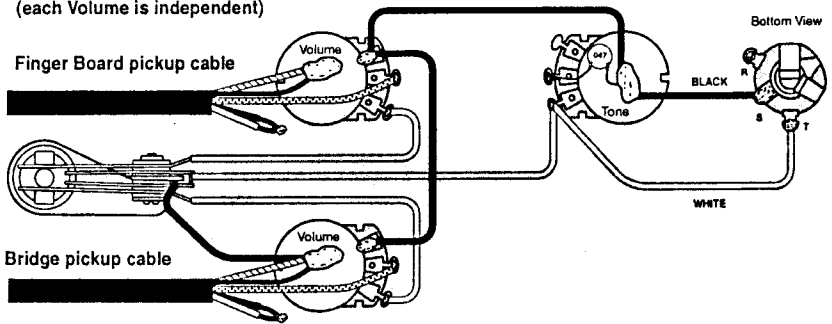
EMG-HZ Diagram 2
2 Volume, 1 Tone
(each Volume is independent)



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

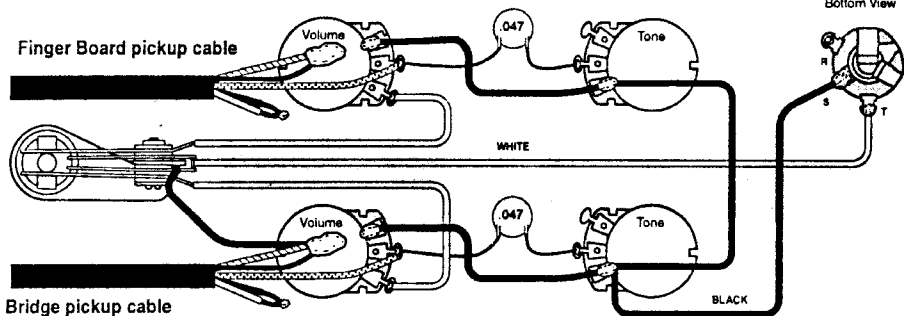


EMG-HZ Diagram 4
2 Volume, 1 Tone w/switch
(each Volume is independent)



EMG-HZ Diagram 6

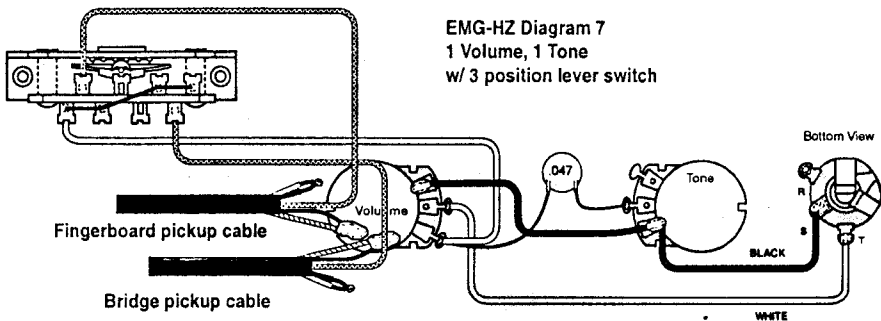
2 Volume, 2 Tone w/switch
(each Volume is independent)



Bottom View

EMG-HZ Diagram 7

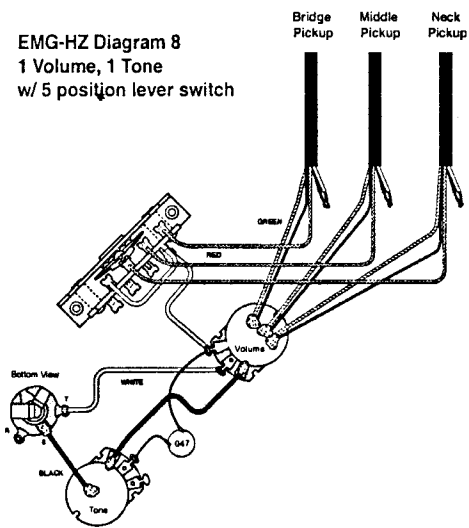
1 Volume, 1 Tone
w/ 3 position lever switch



Bottom View

EMG-HZ Diagram 8

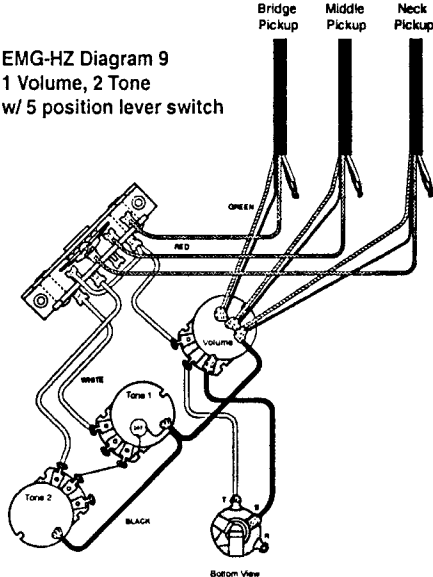
1 Volume, 1 Tone
w/ 5 position lever switch



Bottom View

EMG-HZ Diagram 9

1 Volume, 2 Tone
w/ 5 position lever switch



Bottom View