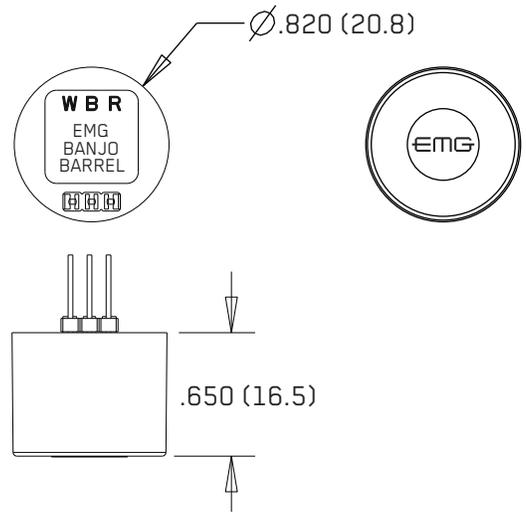
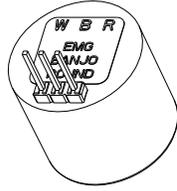


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INSTALLATION INFORMATION EMG MODEL: EMG-ACB BARREL

GENERAL OPERATION

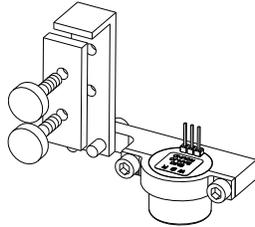
The EMG-ACB Barrel Banjo Pickup is an alternative to our more sophisticated banjo pickup the ACB. This pickup is the more traditional banjo pickup players have been used to for some time. By placing a small shim of steel (.004 thick) under the center bridge post the pickup senses the movement of the steel and produces a signal. Alternately, the steel can be placed pretty much anywhere inside the banjo as long as the pickup can be placed over the steel shim. The pickup is dual-coil and uses a battery operated pre-amp to help shape the response of the signal as well as reduce noise.

No Soldering required: The installation is completely solderless so anyone can do it.

INCLUDED:



PICKUP



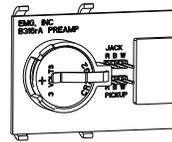
PICKUP MOUNTING



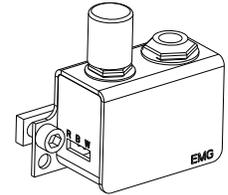
STEEL SHIMS



PICKUP ADJUSTMENT
SPACERS



PREAMP/BATTERY
BOARD



VOLUME / OUTPUT JACK
BOARD

CABLES

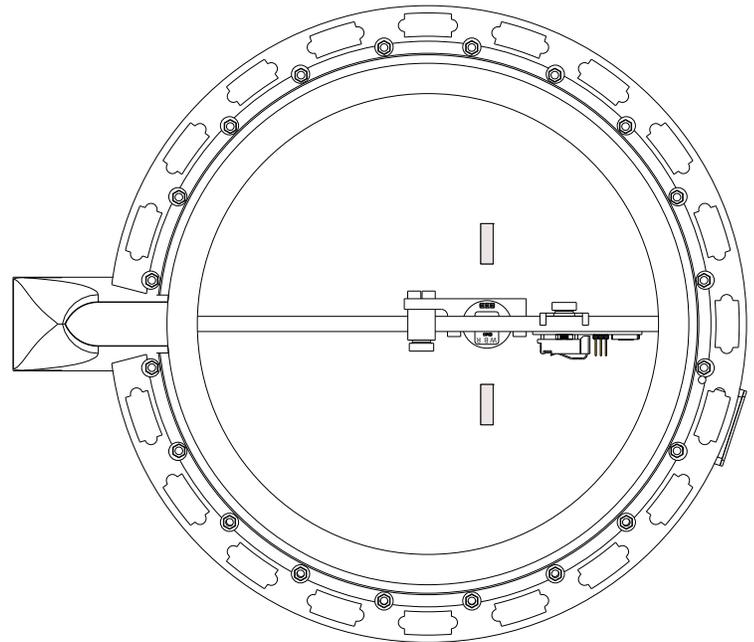


ALSO INCLUDED :
(2 ea.) CR2032 LITHIUM BATTERIES
1/16 ALLEN HEX WRENCH
9/64 ALLEN HEX WRENCH

SPECIFICATIONS:

Logo Color
Magnet Type
Resonant Frequency (KHz)
Output Voltage
Output Noise (60 Hz)
Output Impedance (Kohm)
Current @6V (Microamps)
Battery Life (Hours)
Maximum Supply (Volts DC)
*P.D. (Placement Dependent)

MODEL:
EMG-ACB BARREL
Silver
Ndym/Steel
6.00
*P.D.
-120
2.00
650
500
18



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. If upon examination the pickup is determined to be defective, a replacement will be made. 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.

Installation Instructions:

EMG Model: ACB BANJO BARREL

1) Install the steel shim under the bridge post

Rectangular Shim:

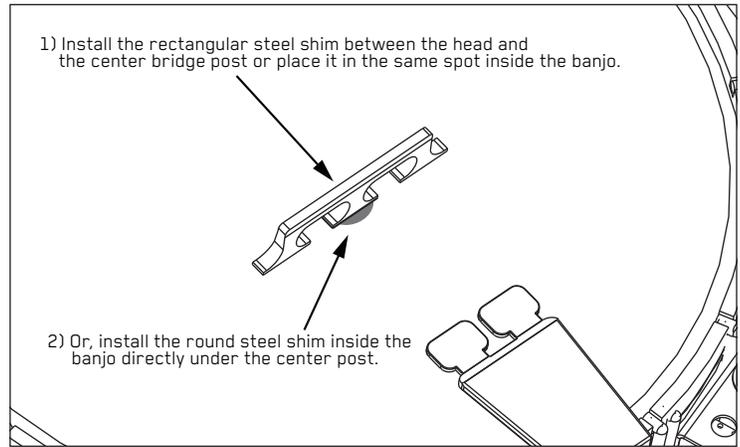
Loosen the strings and install the .005 shim under the center bridge post as shown in the diagram. This may not be your ideal spot for the sound you want, but it's a good place to start. The shim can also be installed in the same spot inside the banjo.

Round Shim:

The round shim is designed to be installed inside the banjo in the same position (under the center bridge post). The round shim provides a little more output and a little more low-frequency response from the banjo.

If you want to try other locations for either shim put some scotch tape on the shim, move it around, try it out, when you decide on a location you can place it permanently. See Page 4

There is adhesive with backing paper on one side of the shim, when you're sure you've chosen the right position, remove the backing paper before you install it.



*******AFTER INSTALLING EITHER SHIM AND BEFORE YOU INSTALL THE PICKUP, BE SURE TO TUNE THE BANJO UP TO PITCH.*******

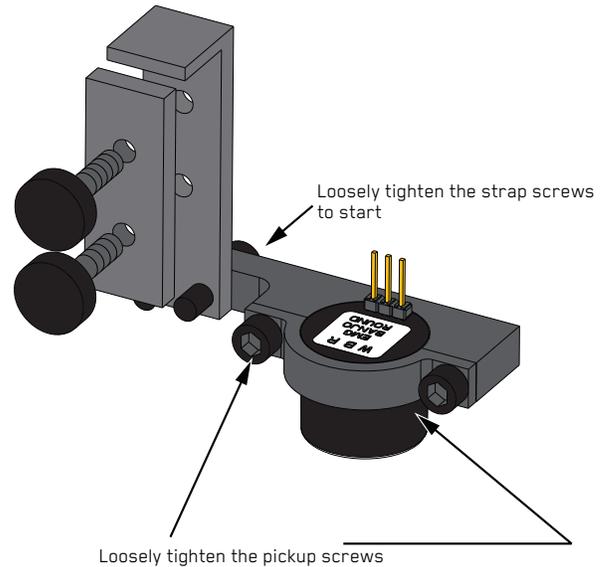
2) Assemble the Mounting Bracket and Pickup

Assemble the pickup and mounting bracket as shown in the diagram to the right, with the pickup aligned as shown. Loosely tighten both the strap screws and the pickup screws, they will be tightened in the next steps.

The pickup should line up directly over the steel shim placed under the center bridge post and under the coordinator rods.

If you choose a different placement of the pickup additional spacers are included to allow alignment. Adjustment spacers, 2 ea. .250" (6), .375" (9) are provided so you can place the pickup directly over wherever you place the steel shim.

To use a different location for the pickup, you can reverse the mounting of the strap, add spacers, or do whatever you need to do in order to place the pickup.



2) Install the bracket and the pickup on the coordinator rods

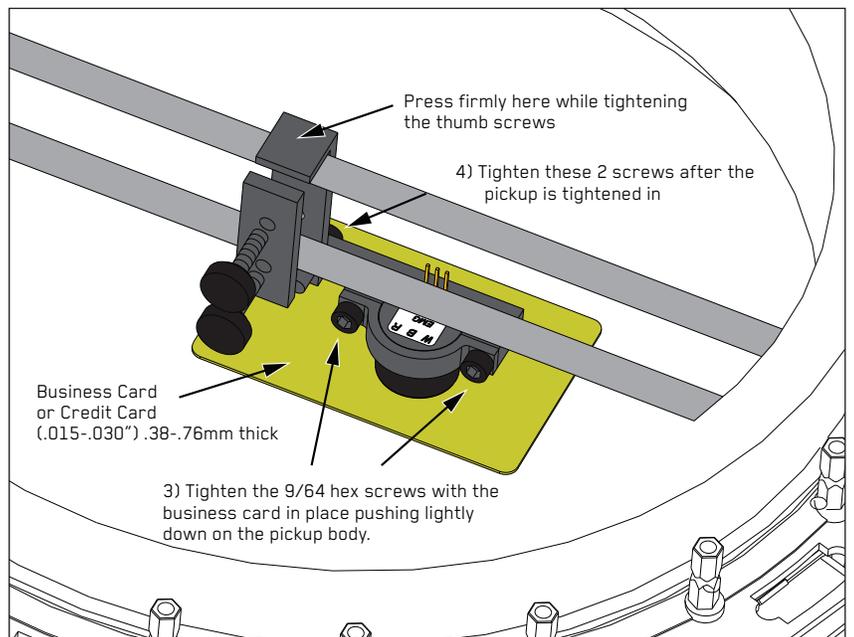
Press firmly on the Rod Strap while tightening the two thumb screws so the strap is sitting flat on the top rod. The strap screws and the pickup screws should still be loose for now. Be sure the pickup is targeted over the shim steel.

3) Adjust and Tighten the pickup

Once you have targeted the pickup cutout hole over the steel, place a business card or similar spacer, about .015" (0.38mm) thick between the pickup and the head of the banjo. Or use a Credit Card (.030"-.76mm). Press slightly on the pickup body and tighten the two screws on the Pickup Strap using the 9/64 hex wrench. Be sure the pickup mounting is solid.

4) Then tighten the screws on the pickup strap using the 9/64 hex wrench.

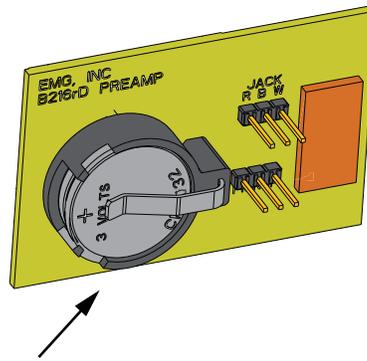
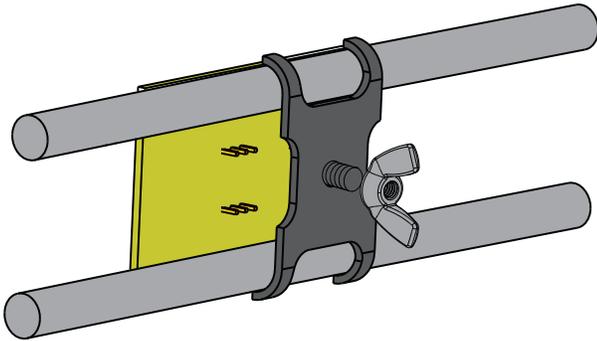
The business card should slide between the pickup and the head with only a slight friction... If not, readjust the pickup. Remove the card. The pickup should NOT be touching the head.



Installation Instructions:

4) Preamp/Battery Holder and Battery Installation

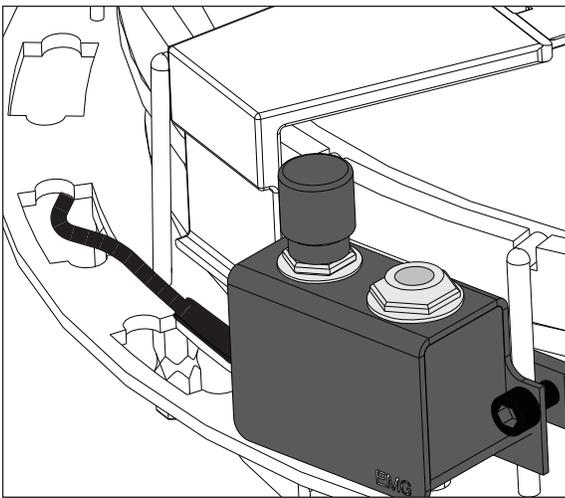
Install the Preamp/Battery Holder as shown on the rods and install two CR2032 batteries. Be sure the positive side of both batteries are facing the Battery Holder spring terminal.



Positive of both batteries facing out

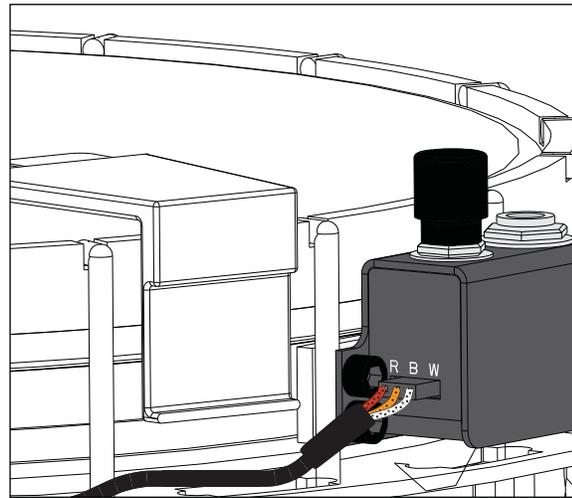
5) Output Jack/ Volume Installation

Install the Output Jack assembly as shown below. Slide the threaded strip behind the lugs and tighten using the four screws provided.



6) Output Cable

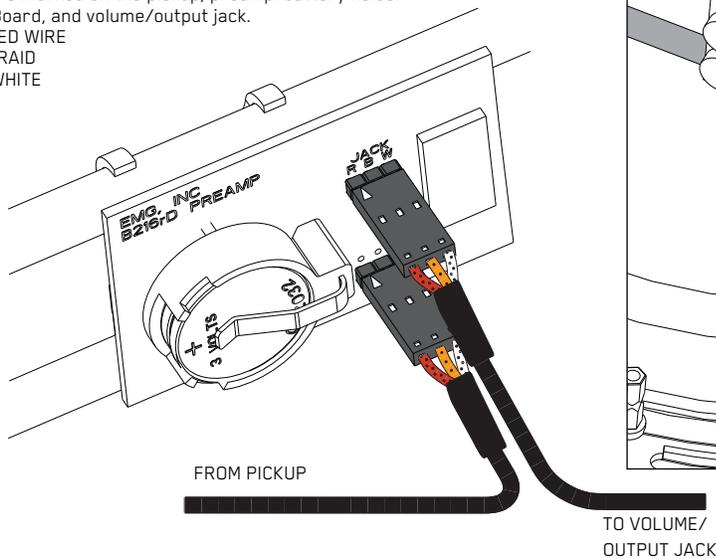
Plug in the output cable as shown below. Be sure the wire colors match the legend on the box. R(Red), B(Braid), W(White).



7) Wire it up

Route the cables as shown by paying attention to the wire colors marked on the pickup, preamp/battery holder PC Board, and volume/output jack.

R=RED WIRE
B=BRAID
W=WHITE



9) Alternate Installations;

If you like the more acoustic tone from the banjo use either steel shim and mount it under the outer bridge foot as shown below.

Another popular way to mount the pickup is by placing the steel a little behind the bridge but still close to it. Experiment. Just be sure that the pickup is directly centered over the steel shim and that is spaced away by a business card thickness .015" (.38mm).

The output can be adjusted by moving the pickup closer or further away from the steel shim. Adjusting to a credit card thickness (.030) will cut the output by about 30%.

Placement of the steel shim depends entirely on the tone you want from the instrument. If you mount it where the head is looser (away from the bridge) the tone will be much rounder and hollow sounding, with more of an acoustic sound.

