

## Read Me First!

Installation of this product is a simple procedure, but we recommend this job only if you are an experienced repair technician.

## Preliminary

Widen the endpin hole to  $\frac{15}{32}$ " (11.9mm) to accommodate the endpin jack.

If using the Powerjack with new pickup, install pickup according to its provided instructions.

## Installation

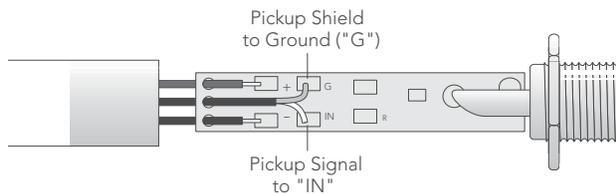


**Observe the following precaution!**

- Do not overheat the solder pads! Doing so may lift the pads from the circuit board.

### Solder the wire connections

1. Unscrew the shielding cap to access the preamp circuit board.
2. Strip  $\frac{1}{4}$ " off the outside jacket of the pickup wire. Tin both the inner conductor and the ground wire.
3. Thread the pickup wire through the shielding cap.
4. Thread the pickup wire through the largest of the three strain relief holes, then solder the signal wire from the pickup (hot wire) to the pad marked "IN" on the preamp circuit board. Solder the ground wire from the pickup (shield) to the adjacent pad marked "G" on the preamp circuit board (figure 1).



**Figure 1**

5. Fasten the shielding cap to the jack. Be careful not to allow the shielding cap to come in contact with the end of the circuit board.

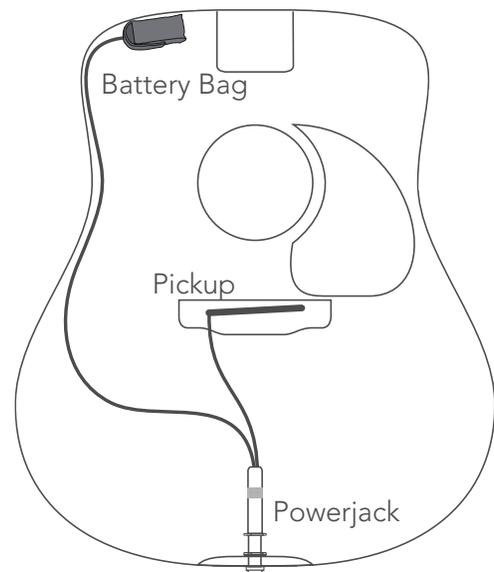
6. Lock the shielding cap to the first large hex nut.

### Endpin jack

Install the endpin jack per Switchjack Installation Guide.

### Battery bag

Install the battery bag on or near the neck block (figure 2).



**Figure 2**

1. Clean the area where you will mount the bag with an alcohol wipe or cotton swab moistened with rubbing alcohol. Let dry.
2. Peel off the plastic film from the Velcro patch and attach the bag at the chosen location.

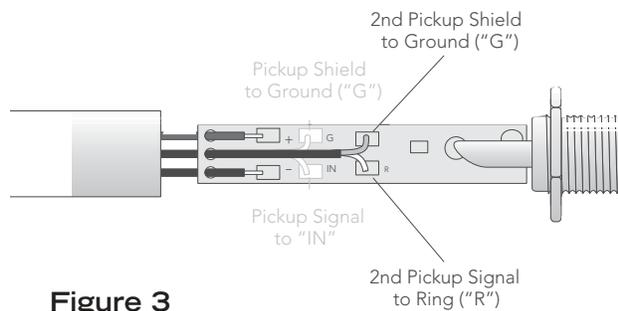
3. Carefully separate the bag from the Velcro patch. To set the adhesive, burnish the entire area of the patch, especially the edges.

4. Install a 9V alkaline or lithium battery. Tuck the battery into the bag and re-attach to the Velcro patch. The adhesive under the Velcro patch requires 24 hours to achieve a full bond, so take care to not stress the adhesive if you remove the battery bag after the initial installation.

### Second pickup source option

A second source such as a microphone or magnetic soundhole pickup may be added (figure 3). The output will appear on the ring connection when a tip-ring-sleeve ¼" jack is inserted.

For specific wiring diagrams, refer to fishman.com.



## Specifications

Power Supply:	9 Volt alkaline battery
Battery Life:	2,000 hours
Maximum Output Voltage:	4V peak to peak
Input Overload:	-7dBV
Input Impedance:	10MΩ
Output Impedance:	Less than 5kΩ
System Gain:	3dB
Signal-to-Noise Ratio:	94dB
Discrete Component Design:	FET low noise class A input stage, bipolar class AB output stage