

Read Me First!

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

Requirements

The Rare Earth pickup is designed for use with 6- or 12-string acoustic guitars using bronze strings.

Installation

Wiring options

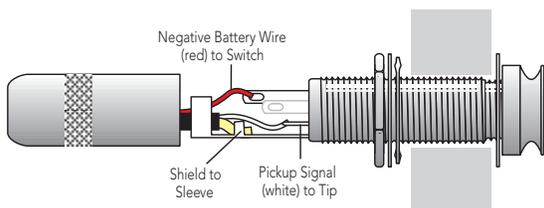
Cut the pickup wire (or coil it up and secure with a tie wrap) to a length suitable to reach between the soundhole and the endpin. Leave extra length to move the pickup out of the sound hole for battery replacement.

Preliminary

1. Strip $\frac{3}{8}$ " off the outside jacket of the pickup wire.
2. Tin the red and white wires, as well as the ground wire. With the Blend model, clip the blue, yellow and green wires short, as they are unused. The black wire on the Blend model carries an additional microphone signal for wiring the pickup/mic in stereo.
3. Gently bend back the ground/strain relief to gain access to the three other terminals.

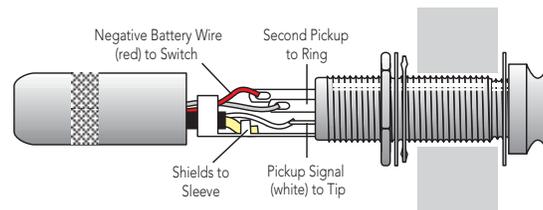
Standard mono wiring for all models

1. Solder the white wire (signal) to the shortest terminal on the jack (Tip).
2. Solder the red wire (Neg. battery) to the longest terminal on the jack (Switch).
3. Solder the pickup shield wire to the Sleeve tab on the jack (Ground).



To add a second pickup in stereo

Solder the signal wire from the second pickup to the Ring terminal (middle length) of the jack. Solder the shield from the second pickup to the Sleeve terminal of the jack.



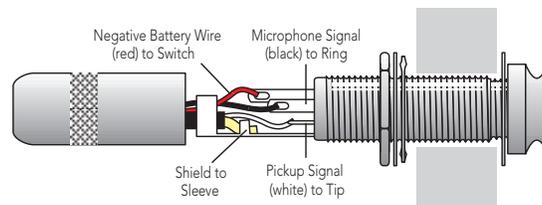
To wire the Rare Earth Blend in stereo

To split the pickup and microphone signals to separate destinations: Solder the black wire (microphone signal) to the middle length terminal (Ring).

Using a stereo-wired Rare Earth Blend in mono

If you wish to go back to a mono output for a stereo wired Rare Earth Blend, you may do so without removing and rewiring the endpin jack. Instead, make a special adapter with a mono male plug at one end and a female stereo jack at the other. Leave the Ring terminal of the female stereo jack open. Plug the stereo cord from the Rare Earth Blend into this adapter.

You may now combine microphone and pickup signals in mono (using the balance control under the pickup) without microphone signal degradation or distortion.



Endpin jack

Install the endpin jack per Switchjack Installation Guide.

Complete the installation

A set of adhesive backed clips has been provided to secure the pickup cable inside of the guitar once the endpin jack has been installed. Remove the plastic film from the back of each clip to expose the adhesive. Secure the cable/clips to the side of the guitar.

1. Loosen the pickup clamps.
2. Position the pickup as close to the fingerboard as possible. The pickup should be parallel to the fingerboard and centered between the outside strings.
3. Lightly tighten the clamps with a #1 Phillips screwdriver until they start to grab. Do not over tighten.
4. Tighten the screws until the clamps are fully seated. Make sure the pickup is secure; try to slide it out of the soundhole. If you can't move the pickup, you are done.