



## REBEL 90 WIRING

Thanks for purchasing a Tonerider Rebel 90!

Tonerider Rebel 90s are designed to a direct replacment for humbucker pickups. We've included a diagram for a standard Les Paul wiring configuration.

All Tonerider pickups have a 5-year warranty when purchased new. Please keep your receipt and see the enclosed warranty card for details.

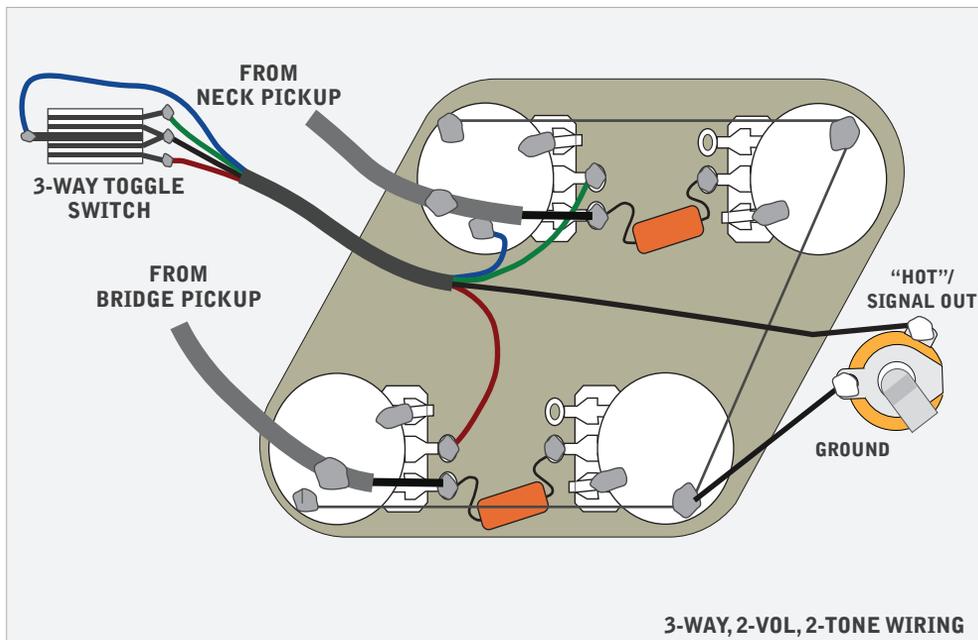
### POLARITY

All our R90 series pickups use a reverse-wound neck pickup for noise-cancelling operation. We use the following polarity and winding direction.

- Neck: North Pole Up / Counter-Clockwise Wind.
- Bridge: South Pole Up / Clockwise Wind

### THE QUICK INSTALLATION GUIDE:

- \* Install the pickups into the humbucker surrounds of your guitar using the screws and springs provided.
- \* Feed the braided wire to the control cavity and screw in the surrounds to the guitar.
- \* Strip back the braided shield using wire snips.
- \* Solder the braided shield to the back of the pot, and the "hot" central wire to the correct lug of the volume pot.
- \* Pressing the strings against the high frets, set the pickup heights to 3mm from the strings (neck) and 2mm (bridge), and adjust to taste when using an amplifier at stage or studio volume for best results.



### CAPACITOR & POTENTIOMETER VALUES

We design all our R90 pickups to perform with the most common industry configurations - 500k Audio Pots and 0.022uF capacitors. Many players do use 250k pots with R90s, and this in general results in a slightly darker, warmer tone. Using smaller cap values, such as 0.01uF, will make it easier to accurately control the amount of treble, but with a lower maximum setting. Larger capacitors like 0.047uF will allow far more treble to be rolled off.

### FURTHER INFORMATION

If you have any questions then give us Email us on [service@tonerider.com](mailto:service@tonerider.com) or give us a call on +44 1227 469414.

More wiring guides are available for download at [www.tonerider.com](http://www.tonerider.com)