

Howdy!

This month's "Tech Tips" contains two topics:

1. Links to online resources you may find useful if you are interested in learning more about guitar pickups, how they are made and how they work and explanations of terms such as "reverse wound / reverse polarity,".
2. New magnet offerings from Vintage Vibe Guitars

OK! Here we go:

1. Wikipedia, the online encyclopedia, contains an entry which gives an excellent overview of magnetic, piezo and other pickups at the following url:

[http://en.wikipedia.org/wiki/Pickup_\(music\)](http://en.wikipedia.org/wiki/Pickup_(music))

A discussion of humbuckers and reverse wound, reverse polarity (RWRP) wiring is posted on:

<http://en.wikipedia.org/wiki/Humbucker>

Addition information on RWRP in a three pickup strat-style instrument is posted on:

<http://www.deaf-eddie.net/drawings/rw-rp.doc>

More in-depth articles on guitar pickups are posted on:

<http://users.chariot.net.au/~gmarts/pickupin.htm>

and

<http://www.bbc.co.uk/dna/h2g2/A3176165>

For an even more technical review of magnetic pickups check out:

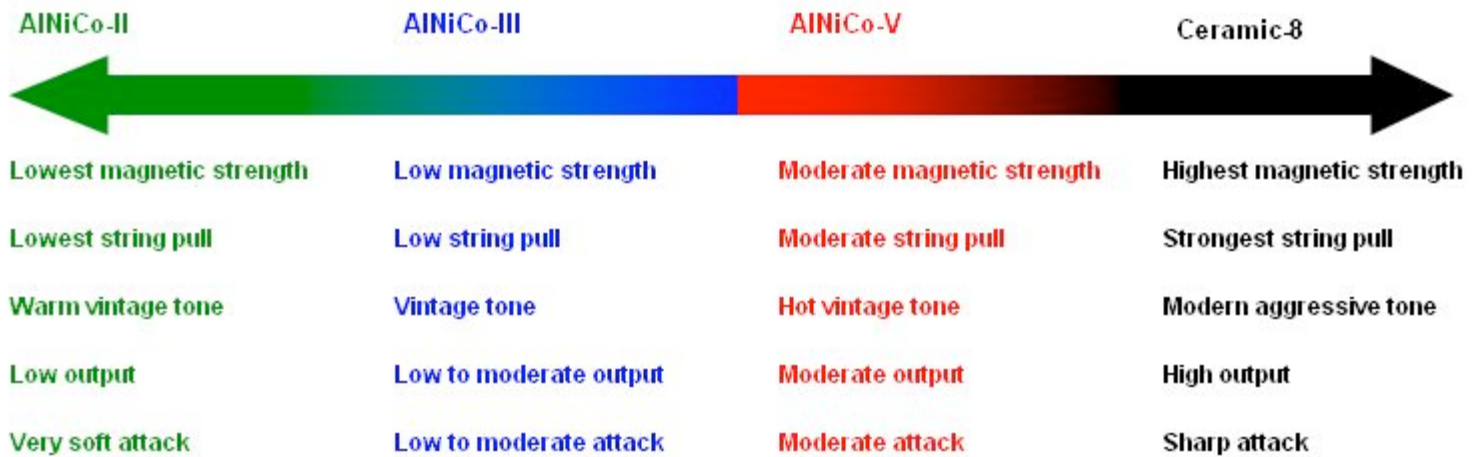
<http://buildyourguitar.com/resources/lemme/>

2. By popular request Vintage Vibe Guitars is now offering an increased range of magnet types in both rod magnet and bar magnet pickup designs.

Current designs for many of the pickups I offer allow the owner to change the magnets with ease.

This feature allows you to change both the magnetic field strength and magnetic field direction. The ability to change magnetic field direction combined with a three conductor output cable (coil start, coil finish and an independent ground lead) makes it possible to configure the HS-90 SW pickup reverse wound, reverse polarity with respect to any other pickup!

Here is a chart that will give you a feel for the effect of each of these magnets in a pickup:



The standard purchase price for pickups which feature the changeable magnet design includes two complete sets of magnets.

I also have AlNiCo-II, AlNiCo-III and AlNiCo-V rod magnets (0.188" diameter) for pickups such as Strat style single coils, Tele-style single coils and Mini HB size single coils.

I hope this information is helpful.

As always, please let me know if you have a specific issue you would like to see addressed in future newsletters.

Please also let me know if you have any comments and suggestions on the topic covered in this newsletter.

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Best wishes to you for a wonderful Holiday Season!