



RAILHAMMER
— TONAL DOMINATION —



RAILHAMMER OWNER'S MANUAL

Humbucker and Humcutter Wire Color Code (4-conductor, independent ground)

Black = Hot

Green = Ground

Braided Silver = Ground

White + Red: solder together & tape off.

Recommended Pot Values

500K volume and tone pots are recommended for all our pickup models. Lower value pots (250K) will reduce treble and output, higher value pots (1meg) will increase treble and output.

Recommended Tone Control Cap Value

.022mfd cap is recommended for the tone control. Higher value caps (.047mfd) will cut more treble and upper midrange.

Treble Bypass Mod

This mod allows you to turn down the guitar's volume control without treble loss, for a cleaner tone that does not sound dull: On the volume pot, solder a 270pf cap (no resistor required) between the two hot lugs (the left and middle lugs, if the lugs are pointing at you).

Humbucker Coil Tapping

Recommended coil tap configuration:

Bridge Pickup: white + red wires together > switch > to ground.

Neck Pickup: white + red wires together > switch > to hot.

With switch on, this leaves the neck coil of the neck humbucker on, and the bridge coil of the bridge humbucker on. Using both pickups together, it will be hum-canceling.

Wiring Diagrams

There are hundreds of diagrams for hundreds of different guitars. We suggest a Google search for "guitar wiring" or "[insert guitar name here wiring](#)".

Recommended Pickup Height Adjustments

With guitar held in playing position, use a small machinist ruler to measure the distance between the top of rail or pole, to the bottom of the open E strings. All measurements shown in 32nds of an inch:

Humbucker Bridge and Neck

Bridge: low E = 4 high E = 3 Neck: low E = 5 high E = 4

Humcutter Bridge and Neck

Bridge: low E = 4 high E = 3 Neck: low E = 5 high E = 4

Humbucker Bridge (except Anvil, see below) with Humcutter Neck

Bridge: low E = 4.5 high E = 3.5 Neck: low E = 4.5 high E = 3.5

Anvil Bridge with Humcutter Neck

Bridge: low E = 4.5 high E = 3.5 Neck: low E = 4 high E = 3

IMPORTANT:

The above numbers are good starting points. We recommend you fine tune the height adjustments while playing through your amp. Adjust a little at a time, until you find your perfect balance of volume and tone between the low and high strings, and between the bridge and neck pickups.

PLEASE NOTE:

- Raising the pickup increases volume and distortion, but too high can reduce clarity and sustain.
- Lowering the pickup reduces volume and distortion, but too low can sound dull.

For more info please visit www.railhammer.com