



RAILHAMMER
— TONAL DOMINATION —



RAILHAMMER OWNER'S MANUAL

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

Black = Hot

Green = Ground

Braided Silver = Ground

White + Red: solder together & tape off.

H90 Wire Color Code (2-conductor, independent ground)

Red = Hot

White = Ground

Braided Silver = Ground

Recommended Pot Values

500K volume and tone pots are recommended for our humbucker and H90 pickups. 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 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

These are good starting points. 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.

We recommend you fine tune the height adjustments while playing thru 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.

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

H90 Bridge and Neck

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

Humbucker Bridge (except Anvil, see below) with H90 Neck

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

Anvil Bridge with H90 Neck

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

For more info please visit www.railhammer.com