Entwistle

PICKUP WIRING SCHEMATICS

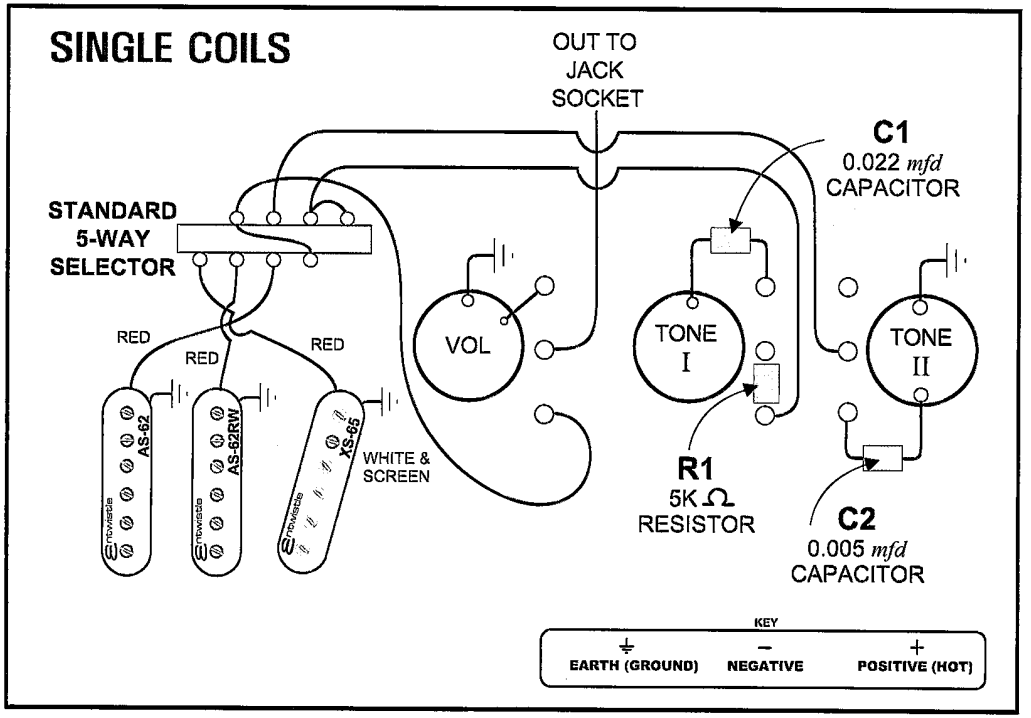
PLEASE NOTE

We recommend that our pickups and other electronic units are wired only by a professional guitar technician.

Typical wiring for three single coils with improved (usable) tone circuitry.

In this case we are using two Vintage alnico AS-62's for neck and middle with a XS-65 at the bridge for extra power and mid-range.

The positive (hot) wires are soldered to relevant switch tags.
The black and screen are wired together and soldered to any earth (ground) point such as the potentiometer casings.



SINGLE COILS

The AS-62, XS-65 and JBX bass pickups are all single coils that have twin core plus screen leads. This allows the possibility of phase reversal, series connection and lower noise levels.

The AS-62, XS-65 and JBX come in two different sizes calibrated for neck (narrow) middle and bridge (wide).

Also available are Reverse wound, Reverse polarity centre pickups for hum cancellation in combination settings (AS-62RW, XS-65RW).

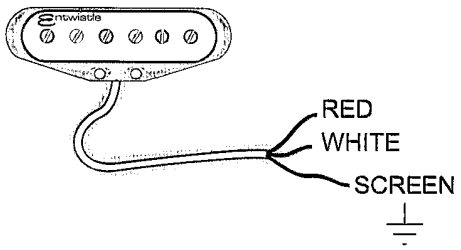
TONE I* 250K Log is for the neck and middle positions and has a 5K - resistor wired into the circuit to eliminate 'muddiness' when the control is rotated fully anti-clockwise.

TONE II* 250K Log governs the bridge position and is coupled to the 0.005 capacitor. This, when wound fully anti-clockwise, tends to give the XS-65 a tone similar to a humbucking pickup. It is also excellent as a 'distortion smoother'.

Tone potentiometers on single coil pickups are usually rated at 250K Log. (500K - is also quite common,particularly on oriental instruments).

Both of these values don't particularly track well - usually only becoming functional towards the very end of their travel.

100K Log potentiometers have excellent quality functioning across their entire rotation. There is a trade off, however; a slight loss of output (around 2DB) and a small drop (usually just the unwanted 'shrill' factor) in the top end response.



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