

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

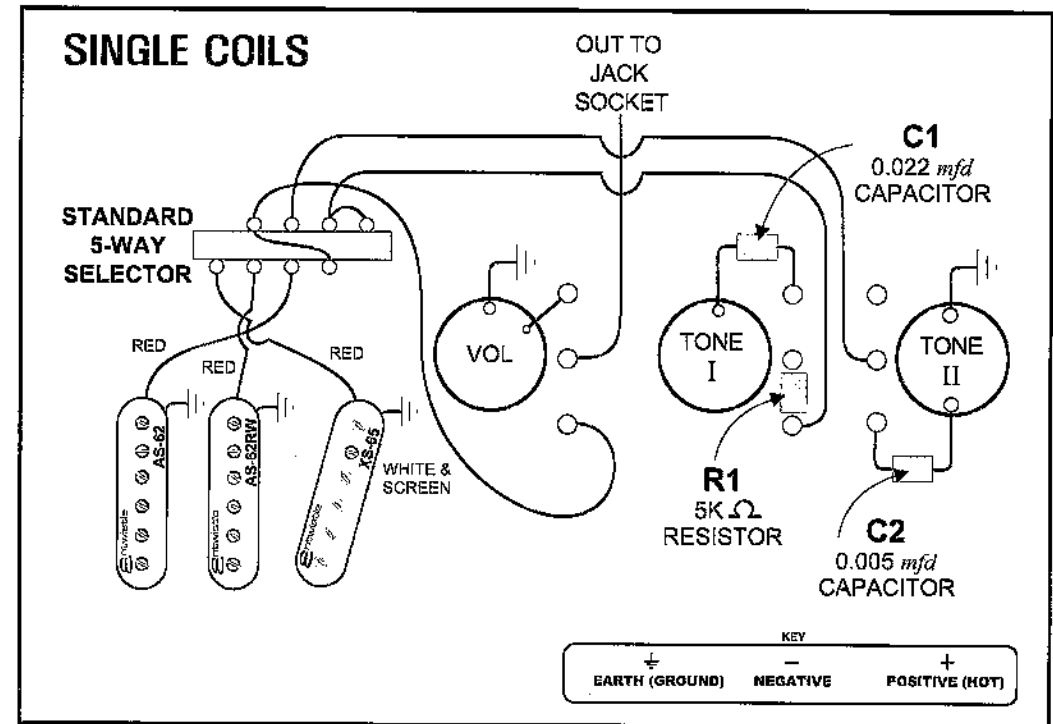
In this case we are using two Vintage alnico AS-62's for neck and middle with a XS-65 at the bridge for extra power and mid-range.

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.

**PLEASE NOTE**

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



**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).*

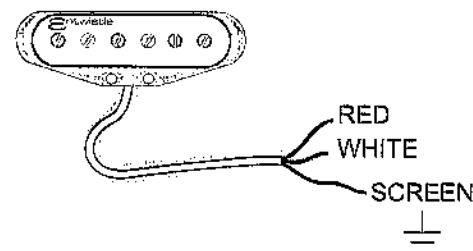
**TONE I\*** 250K Log is for the neck and middle positions and has a 5K - resistor wired into the circuit to eliminate 'muddiness' when the control is rotated fully anti-clockwise.

**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.



MEMO