


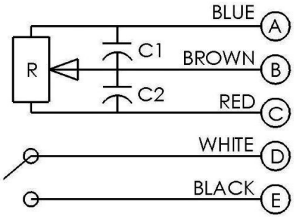
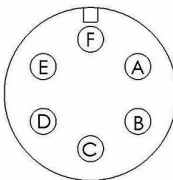
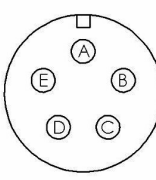


THE SSC CONTROLS COMPANY

PREMIER INDUSTRIAL CONTROLS

C820-0625 (6-Pin) TIG Foot Control for Lincoln® welders (Replaces K870)

Wiring Diagram and Test Instructions

  <p>WIRING DIAGRAM</p>  <p>PLUG END VIEW C820-0625 (6 PIN)</p>  <p>PLUG END VIEW C820-0525 (5 PIN)</p>	<p>How to check the potentiometer:</p> <p>Using a multimeter on the Ohms setting, check pins A, B, and C at the end of the plug (with the pedal unplugged). The results should be as follows, with a smooth change in output as the pedal is pressed.</p> <p><u>With pedal up:</u> pins A-B (blue-brown) = 10,000 ohms pins B-C (red-brown) = near zero</p> <p><u>With pedal down:</u> pins A-B (blue-brown) = near zero pins B-C (red-brown) = 10,000 ohms</p> <p><u>With pedal halfway down:</u> pins A-B (blue-brown) = about 2-3000 pins B-C (red-brown) = about 7-8000</p> <p><u>Note:</u> Resistance tolerance is $\pm 10\%$ (any value within 10% is acceptable).</p> <p>How to check the switch:</p> <p>Use the multimeter's continuity (beep test) setting to check pins D and E. It should show continuity (connection) when the pedal is pressed and turn off when released.</p>
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