


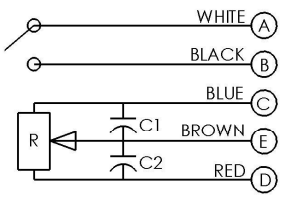
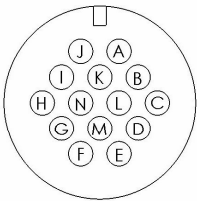
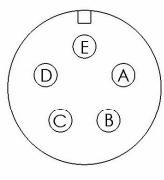


# THE SSC CONTROLS COMPANY

PREMIER INDUSTRIAL CONTROLS

## C810-1425 and C810-0525 TIG Welding Foot Controls (for Miller® Welders)

### Wiring Diagram and Test Instructions

  <p><b>WIRING DIAGRAM</b> C810-1425 AND C810-0525 TIG WELDING FOOT CONTROLS</p>  <p>PLUG END VIEW C810-1425</p>  <p>PLUG END VIEW C810-0525</p>	<p><b>How to check the potentiometer:</b></p> <p>Using a multimeter on the Ohms setting, check pins C, D, and E 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 C-E (blue-brown) = 1000 ohms pins D-E (red-brown) = near zero</p> <p><u>With pedal down:</u> pins C-E (blue-brown) = near zero pins D-E (red-brown) = 1000 ohms</p> <p><u>Note:</u> Resistance tolerance is <math>\pm 10\%</math> (any value within 10% is acceptable).</p> <p><b>How to check the switch:</b></p> <p>Use the multimeter's continuity (beep test) setting to check pins A and B. It should show continuity (connection) when the pedal is pressed and turn off when released.</p>
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