


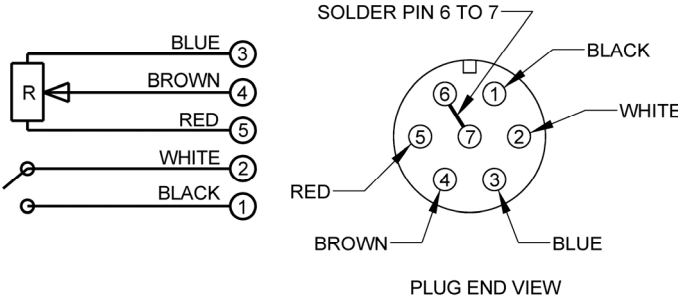


THE SSC CONTROLS COMPANY

PREMIER INDUSTRIAL CONTROLS

C910-0725 TIG Welding Foot Controls (for AHP Welders with a 7-Pin Plug)

Wiring Diagram and Test Instructions

  <p>Note: Potentiometer value is 10,000 ohms ($\pm 10\%$).</p>	<p>How to check the potentiometer:</p> <p>Using a multimeter on the Ohms setting, check pins 3, 4, and 5 at the end of the plug (with the pedal unplugged from the welder). 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 3-4 (blue-brown) = 10,000 ohms pins 4-5 (red-brown) = near zero</p> <p><u>With pedal down:</u> pins 3-4 (blue-brown) = near zero pins 4-5 (red-brown) = 10,000 ohms</p> <p><u>Note:</u> Resistance tolerance is $\pm 10\%$ (any value within 10% of the above is acceptable).</p> <p>How to check the switch:</p> <p>Use the multimeter's continuity (beep test) setting to check pins 1 and 2. It should show continuity (connection) when the pedal is pressed and turn off when released.</p> <p>Pin 6-7 Jumper:</p> <p>Use the multimeter's continuity (beep test) setting to check pins 6 and 7. It should show continuity (connection) at all times, because these two pins are shorted together inside the plug.</p>
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