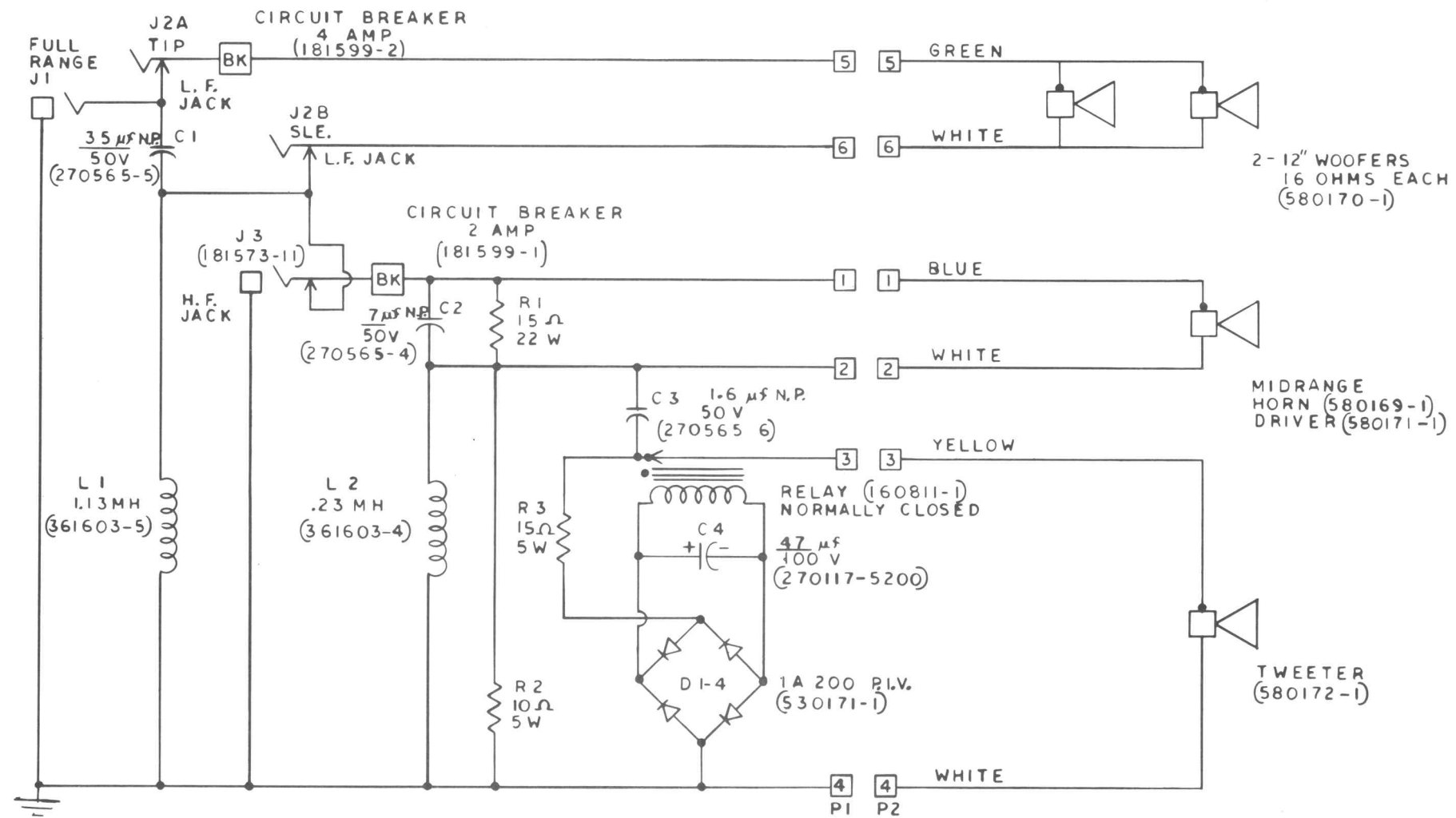


MODEL V6 SPEAKER ENCLOSURE SCHEMATIC DIAGRAM (REV. B)



V6 SPEAKER ENCLOSURE TEST PROCEDURE

- Equipment Required: Audio Oscillator, Power Amp, A.C. Voltmeter
1. Connect audio oscillator through power amp to full range jack.
 2. Set oscillator to 20 Hz and adjust voltage until output at the woofer terminals reads exactly 3.3V.
 3. Verify that the input voltage is 3.5 to 3.8 volts. Switch oscillator to 200 Hz. Output should be $3.0 \pm 0.2V$. Momentarily, push in the L. F. circuit breaker button and observe loss of output voltage.
 4. Move input plug to L. F. jack. Output should be $3.6 \pm 0.2V$.
 5. Move input plug back to full range jack, change oscillator to 2 KHz. Output should be $2.7 \pm 0.2V$ at the mid-range terminals.
 6. Move input plug to H. F. jack. Output should be $2.9 \pm 0.2V$. Momentarily push button on H. F. circuit breaker and observe loss of output voltage.
 7. Move input cable back to full range jack, switch oscillator to 20 KHz. Output should be $2.5 \pm 0.2V$ at the tweeter terminals.
 8. Slowly increase oscillator voltage until tweeter protection relay operates. This must occur between 5.0 and 8.0 volts on output. Operation is indicated by a click and simultaneous loss of output voltage.

NOTE:

1. Actual circuit may vary slightly due to normal production changes.

WARNING

For maximum safety, reliability and performance, all parts must be replaced by those having identical specifications. Under no circumstances may the original design be modified or altered without permission from the Ampeg Company.