

Capacitor Check - Removal and Replacement for Triad Univolt

1. Disconnect 120 volt power supply.
2. Disconnect 12 volt batteries.
3. Cover carpeting and furniture and remove univolt. To Remove:
 - a. On some models remove screws securing univolt cover and remove cover.
 - b. Disconnect wires running from univolt assembly to 12 volt fuse or breaker panel.
 - c. Remove screws mounting univolt to floor. Remove univolt from trailer.
4. On the bench, remove univolt outer case. **Caution:** Never remove outer case when univolt is connected to any power source, either 120V outlet, or 12V batteries, as there is danger of receiving a high voltage electrical shock.)
5. Check capacitors (oval shaped canisters) for shorts or open circuits. To check:
 - a. Unsolder transformer leads from capacitor bank.
 - b. Touch ohmmeter leads to capacitor terminals unsoldered in "a". If capacitor bank is good, meter needle should deflect and then slowly return to zero. If the needle shows maximum deflection without returning, or if there is no deflection, the capacitor bank is defective and should be replaced.
6. Always remove and replace all capacitors (one or three, depending upon model univolt being serviced).

To Remove:

- a. Loosen clamps holding capacitors to univolt base. In some units the clamp screw may be inaccessible. If so, it will be necessary to drill out rivets holding clamp bracket to univolt base. Remove base from defective capacitor. Install on new one, then re-rivet to univolt base.

