



POWER FORGED™

Battery Charger Service Parts

PLP BATTERY SUPPLY
Murphysboro, IL 62966
800-642-3451

Replacing an Electromechanical (Electric) Timer with a Mechanical Timer (697060A, 697120A, 697122 or 697124)

The back of this sheet has wiring schematics for an Associated charger - before and after conversion to a mechanical timer. These provide a general guide to replacing an electromechanical timer with a mechanical timer in any similar charger. The basic concepts of this conversion are:

- A. Mechanical timers do not need a supply of AC electricity in order to function. They are a timed AC current switch that is driven by a mechanical mainspring, so...
- B. Disconnect the circuit that provided AC power to run the old timer.
- C. Identify the AC circuit that provides power to the charger and route that circuit through the mechanical timer's two terminals.

This is the timer wiring sequence to replace a 611245 electromechanical timer (or equivalent) with a 697060A, 697120A, 697122 or 697124:

1. Remove the wire from old timer terminal 1 and connect it to the new timer (either terminal on the new timer is OK).
2. Remove the wire from old timer terminal 1A and connect it to the other new timer terminal.
3. Remove the wire from old timer terminal 2 and connect it to the common input on rate switch (usually labeled 1 or A), replacing the existing wire connected to this terminal. It is usually white and is connected to the timer on terminal 2A at the other end.
4. Remove the two wires from old timer terminal 2A, one connects to the fan (usually black), and the other is connected to the rate switch (the white wire that was disconnected in step 3). Move the black wire that connects to the fan and connect it to the common input on the rate switch (again, usually labeled 1 or A), using the piggy-back connector on one of the wires.
5. At this point, the white wire that was connected from the old timer to the rate switch is not connected to anything at either end. This wire can be discarded.

Questions?

**We are here
to help.**



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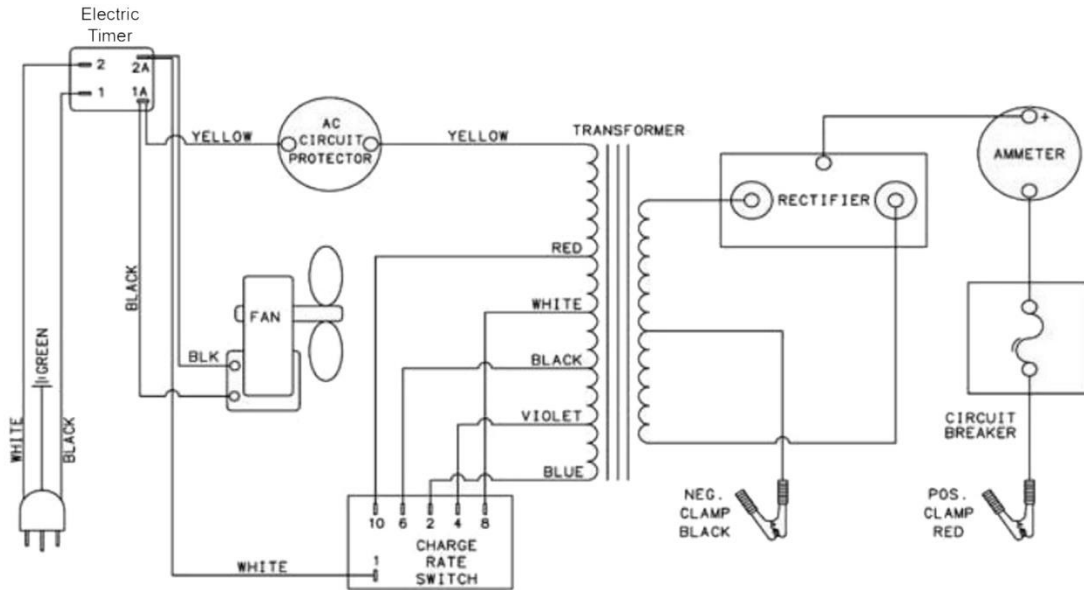
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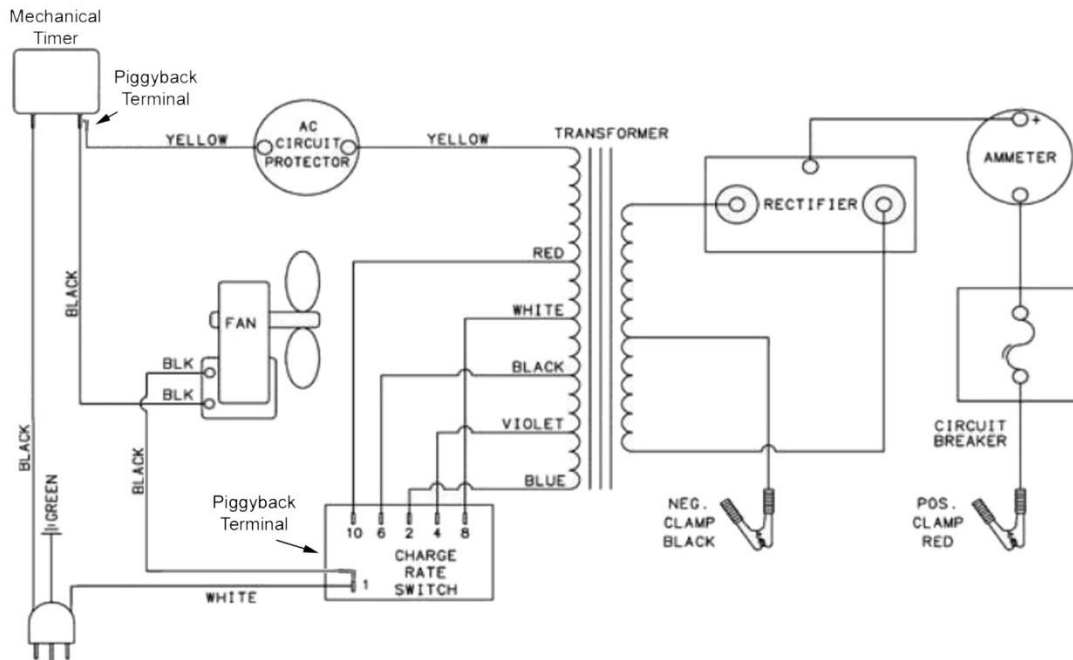
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Wiring Diagram of an Associated Charger with an Electromechanical Timer



Wiring Diagram after conversion to a Mechanical Timer



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