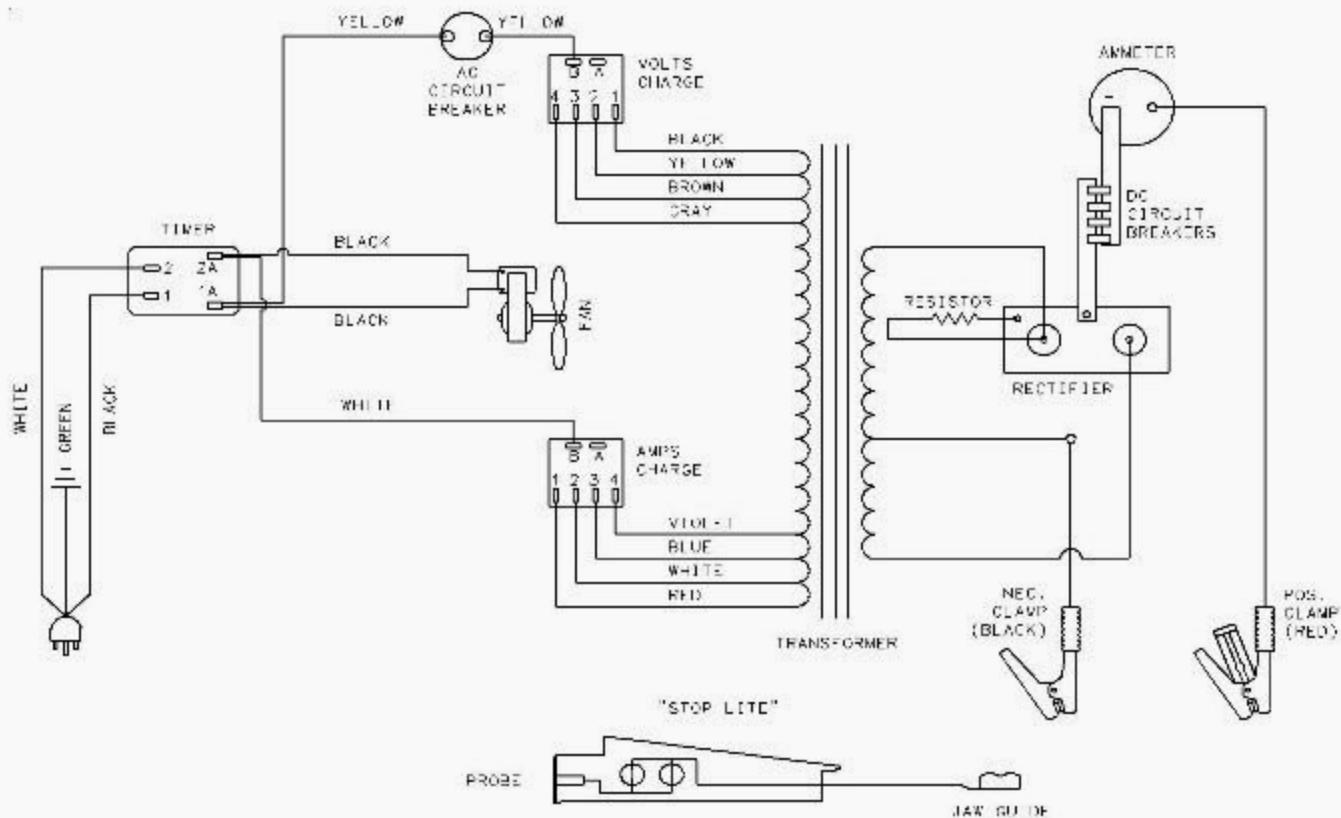


WIRING DIAGRAM



MODEL 6002B PARTS LIST

Front leg	610864
Wheels w/nuts (2).....	610553
Axle w/nuts	605673
Base	605186
Transformer.....	611072
Rectifier.....	611073
Fan Blade.....	610189
Fan Motor.....	610190

AC Circuit Breaker	610397
Timer w/knob	610895
Switch w/knob	605675
Amps Charge Meter.....	605204
AC Cord.....	611133
DC Cable Set.....	611074
DC Circuit Breaker (1)	610069
Top Panel	611132

Side Panel (1).....	605209
Front Panel.....	611075
Back Panel	611076
Lid.....	605211
Handle.....	610753
Stop/Go Lite	604579
Clamps (1 pair, includes jaws) ...	6202
Jaw kit (repairs 1 clamp)	610970

CHARGING SULFATED BATTERIES

If your battery has sat in the discharged state for an extended period of time, it can become SULFATED. This usually is seen as a white deposit near the top of the battery. The sulfate is formed when a battery with low water levels remains discharged for an extended time. Sulfated batteries exhibit the characteristic of accepting no charge regardless of the rate of charge.

The charging method is two staged. The first stage of attempting to break down the sulfation to allow the battery to accept a charge must be closely watched to avoid excessive charge rates as the battery begins to charge and overheat. The second stage is a slow charging to restore the battery to full charge.

READ AND FOLLOW ALL PRECAUTIONS AND WARNINGS IN YOUR INSTRUCTION MANUAL BEFORE ATTEMPTING TO CHARGE SULFATED BATTERIES. FAILURE TO OBSERVE THESE WARNINGS MAY RESULT IN PROPERTY DAMAGE OR SERIOUS PERSONAL INJURY OR DEATH.

To recharge a sulfated battery:

1. Attach the battery clamps as described in the instruction manual.
2. Always use the charger's lowest rate when turning the charger on. Set the charger to the charger's highest rate for the voltage of the battery being charged.

CAUTION: NEVER CHARGE A BATTERY AT VOLTAGE RATES ABOVE THAT OF THE BATTERY.

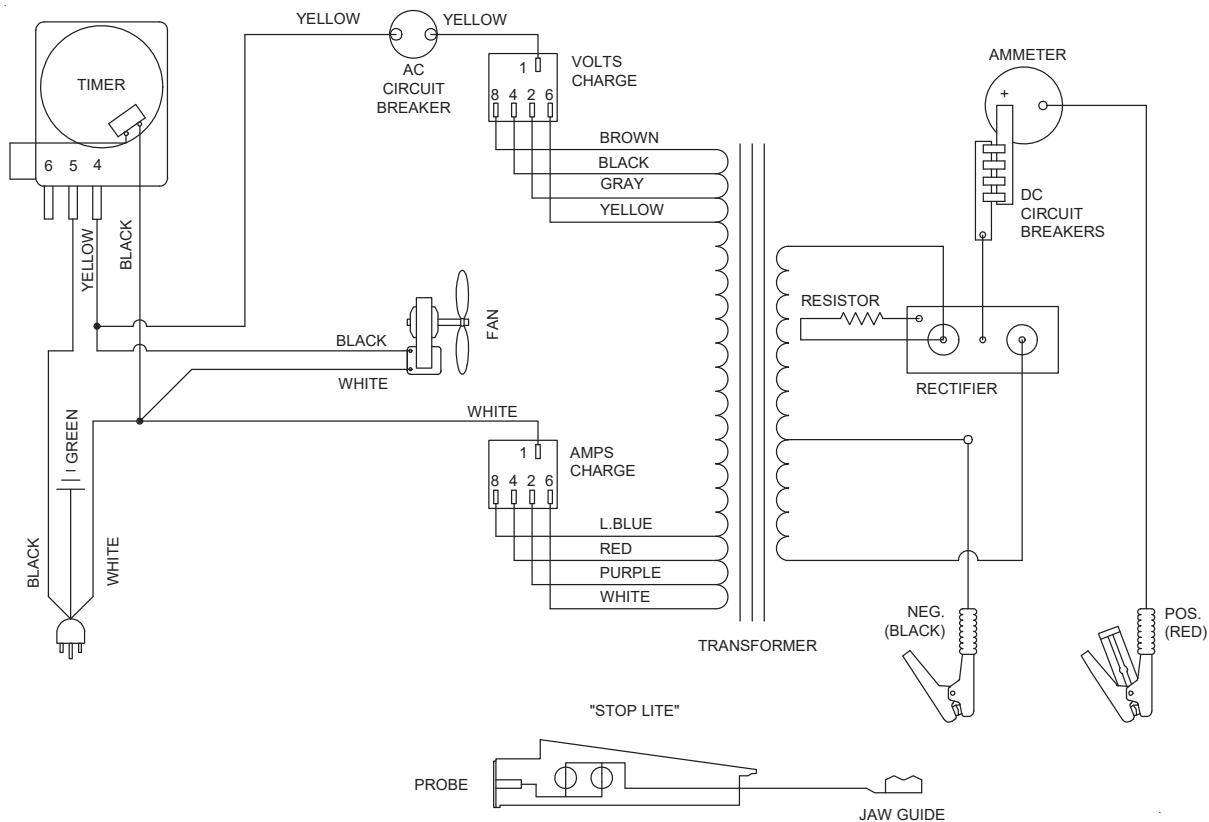
3. The battery will show little or no amperage at the start of the charging process. This will continue until the sulfation begins to break down.

CAUTION: AS THE SULFATION BREAKS DOWN, THE AMPERAGE MAY RAPIDLY RISE. CONSTANT ATTENTION MUST BE OBSERVED TO PREVENT SERIOUS OVERHEATING OF THE BATTERY.

4. Lower the charge rate to the lowest rate for the voltage of battery being charged.
5. Charge the battery at this low rate until the electrolyte reaches the fully charged state as described in the tables in your instruction manual. This may take as long as two or three days.

NOTE: SOME BATTERIES MAY BE SO BADLY SULFATED THEY CAN NOT BE RESTORED TO A NORMAL OPERATING CONDITION, REGARDLESS OF THE RATE OF CHARGE OR THE LENGTH OF TIME THE CHARGE IS APPLIED. IF THE BATTERY CANNOT BE RESTORED TO A FULLY CHARGED CONDITION BY A SLOW CHARGING, IT SHOULD BE REPLACED.

WIRING DIAGRAM



MAINTENANCE INSTRUCTIONS

Worn clamps and jaws should be replaced. Worn parts can lead to poor connections and present a safety hazard. See parts list for part number of jaw and clamp kits. Any Maintenance or repair of this unit that involves disassembly of the cabinet should be done only by a qualified serviceman. Incorrect reassembly may result in a risk of electric shock when the unit is subsequently used.