

### **CLEAN CONNECTIONS:**

Keep battery connections clean and tight. A cupful of strong baking soda solution and a toothbrush will clean corrosion from the terminals and neutralize any spilled acid (do not allow any of the solution to enter the battery cells). A coating of petroleum jelly on the battery terminals will inhibit corrosion.

### **MAIN BATTERY SWITCH:**

The circulator battery switch has the markings 1, 2 and “ALL” as well as “OFF”. You can selectively charge the battery with the engine alternator. Many experienced sailors use battery #1 for electrical lighting needs and keep #2 in reserve for starting the engine.

When the engine is running, never select the “OFF” position or the alternator diodes will be burned out.

If both batteries are of equal charge, keep the selector switch on “ALL” position, and use “ALL” to start the engine if both batteries are low.

### **ELECTRICAL SYSTEM:**

The Catalina is equipped with a standard 12-volt DC system and 110-115 volt AC system. The wiring is run to prevent chaffing or contact with water, where possible, and is supported as needed. We recommend that you check all the connections at least once a year for corrosion, loose fittings, etc.

### **DC - 12 VOLT SYSTEM:**

The DC system is powered by two deep cycle batteries located under the settee seat forward of the head.

### **MAIN DC CIRCUIT BREAKER:**

Operating switches for lights and accessories are located on the main switch panel. The main circuit breaker will automatically trip to the OFF position in the event of an overload to the circuit. If the breaker trips to OFF, the cause should be determined and any necessary repairs should be made before repositioning the circuit breaker switch to ON.

Before purchasing any electrical accessories for your boat, ensure that they are compatible to a negative ground system.

**IMPORTANT:** Be sure to disconnect the batteries and disconnect AC shore power cord before opening the panel, or severe injuries may result.

All wires, terminals and connections should be checked periodically for loose connections or corrosions which could cause high resistance, electrical sparks or fires. The engine accessory wiring should also be checked at this time.

### **NAVIGATION LIGHTS:**

Navigation lights should be used in accordance with the rules and regulations of the waters in which you intend to sail.