

PART 1211

INSTRUCTIONS FOR REPLACING 12- AND 16-HOUR SINGLE POLE TIMERS

This replacement timer may appear different from the original timer. The previous timers are no longer manufactured and this timer replaces all previous pole timers. Three replacement timers are required to replace the two previous single pole timers. The previous 12-hour timer, part #02002S, starts and runs reliably on 100 VAC, 50Hz power as well as 115 VAC, 60 Hz power. The replacement #02002S timer starts and runs reliably only on 60 Hz power in China and the souther portions of Japan. The 16-hour replacement timer operates reliably on 100 VAC, 50 Hz and 115 VAC, 60 Hz power similar to the timer it replaces and remains part #02344S.

The black molded body of this timer encloses the switch contacts. The timer body may interfere with the 1/2" long cover mounting screws and can be replaced with the enclosed 1/4" long screw or drill a new 1/8" hole clear of the interference for the 1/2" cover screw.

Use only the 1/4" long, special 8-32 thread rolling screws supplied to mount the timer. The mounting holes in the timer are not threaded and the threads are formed in these holes as the thread rolling screw are screwed in.

The timer terminals are numbered and function the same as previous timers but are located differently.

TERMINAL #1 has a horizontal auxiliary terminal at the top and the main terminal in the middle is vertical. Connect the black AC cord wire to the vertical middle terminal and route it away from contact with other terminals or leads. The auxiliary terminal is used in only a few chargers.

TERMINAL #3 has a timer motor lead connected to the vertical middle terminal. Use the included adapter when installation requires two transformer primary leads to be connected to this single terminal, discard when not required.

TERMINAL #2 has the remaining timer motor lead (white) connected to the horizontal center terminal. Connect the AC cord wire to the left vertical terminal. Connect the remaining transformer primary wire to the right vertical terminal. Use the included adapter when installation requires two transformer primary leads to be connected to the single terminal, discard when not required.

Pay special attention when connecting the wires to the timer terminals to insure the terminals do not contact the case, other wires, or that the wire is stretched. Use tape or other insulation when clearance is less than 1/4" between the case and uninsulated terminals and wires.

Some installations require an additional AC input cord inside the charger to allow connection with the timer terminals without stretching the wire. Compress the narrow insert of the bushing with pliers (channel locking pliers seem to work best) to remove. Push enough additional cord inside the charger to make connection to the timer terminals without stretching the wires. Compress the bushing on the cord about an inch from the opening and reinstall.

There are some situations that require drilling slightly relocated mounting holes to install the replacement timer. Sometimes the timer requires slight relocation and other times the screws used to fasten accessories to the case will require relocations to permit installation of the replacement timer. When required and adhesive backed 12-hour timer decal is available as part 03211 and 16-hour as #04151. Contact the factory for assistance