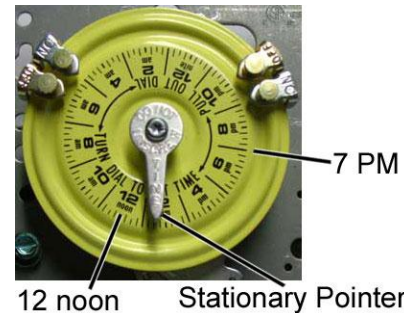


## How to operate and set T100 series timer

T104 & T106 are 240Volt timers; T101, T103 & T105 are 120Volt timers. Each timer has different wiring options. Rated 40 amp.  
R series: the R stands for Raintight; P series: P stands for Plastic enclosure. T-100 series mechanical timers last many years.

When enclosure door is opened, there is translucent or solid black insulator that covers wiring terminals. As long as insulator is in place, it is safe to touch visible timer parts. All timers carry voltage. Secure timer door around small children. Observe electrical safety rules: Do not stand on bare ground or wet surface or lean into or touch anything metal while working on timer. Put down dry boards and treat timer equal to circuit breaker box. Turn off power to work on timer wiring.

To set timer, lift and rotate yellow dial until current time lines up with stationary silver pointer. Dial rotates each 24 hours, and keeps time for years. Set ON and OFF trippers on outer edge of dial at times you want to turn on and off. Times are printed on dial. Clock motor rotates dial like analog clock. As Trippers rotate around they move on-off lever that turns pool pump or 'Load' on and off. ON tripper moves lever one direction, and OFF tripper moves same lever other direction. Manual override lever clicks back and forth with audible sound each time tripper moves on-off lever. Up to 12 on-off settings per day by ordering extra trippers. Minimum set time 1 hour. Move manual override lever back and forth to manually turn Load on and off. Manual override should snap crisp and clean. Load should turn on and off. Manual override is temporary. Scheduled timing resumes with next tripper. To permanently override timer functions, remove trippers from timer dial. Store extra trippers on timer dial by putting two On trippers next to each other. Timer dial must be reset after power outage.



Open following links for troubleshooting, wiring, manuals, and replacement parts:

- <http://waterheatertimer.org/How-to-wire-T104-Intermatic-timer.html>
- <http://waterheatertimer.org/Intermatic-timers-and-manuals.html#pool>
- <http://waterheatertimer.org/How-to-troubleshoot-Intermatic-timer.html>
- <http://waterheatertimer.org/Intermatic-trippers-and-parts.html#T100>

Replacement parts can keep timer running for decades



ON tripper      OFF tripper

Replacement 156T1978 Trippers



Replacement WG series Clock motor  
WG1573 for 240V    WG1570 for 120V



T101 120Volt timer

T104 240Volt timer



T104P201



For T104P201 and T104R201 manuals:

<http://waterheatertimer.org/Intermatic-timers-and-manuals.html#pool>