

How to troubleshoot Tork W300 timer

Dec 2012

<http://waterheatertimer.org/Tork-timers-and-manuals.html#W-series>

1) Check if override lever turns load on-off.

If override is working, then move to 3 below

2) If override does not turn load on-off, then check circuit breaker, and check if load is operable.

3) If override works ok, and dial is rotating and keeping good time, then Buy new P69 trippers on internet

4) Quick internet search shows bag of 14 trippers (one set on-off per each day of week) sells like a bag of gold for \$31 at frontier.

<http://www.frontierlighting.com/index.jsp?path=product&part=6183&process=search&show=>

5) If override works, and dial is not rotating and keeping good time, then clock motor is suspect.

6) W300 is 120Volt timer, and uses Tork #101 replacement clock motor

Frontier shows part for \$47

<http://www.frontierlighting.com/index.jsp?path=product&part=10431&ds=dept&process=search&qdx=0&text=Tork%20101%20clock%20motor>

7) The clock motor is located on back of timer, and has model number printed on it.

Here is example image of Tork clock motor model number: image shows "Tork 201T" clock motor

http://waterheatertimer.org/images/IMG_9361-Tork-201T-image-large.jpg

W300 timer uses Tork 101 clock motor