



How to Replace a 30 Minute Timer

000221 30-Minute Timer

Tools Needed

- Flathead Screwdriver or 1/4" Nut Driver
- Wire Cutters
- Wire Strippers
- 1/2" Wrench, Nut Driver, or Socket
- Electrical Tape



Questions?
Give us a call at 1-800-536-9495
or email support@ironaway.com

1



Turn off power at electrical entrance

Please disconnect all power to the unit at service entrance BEFORE attempting to service or rewire the unit.

OP

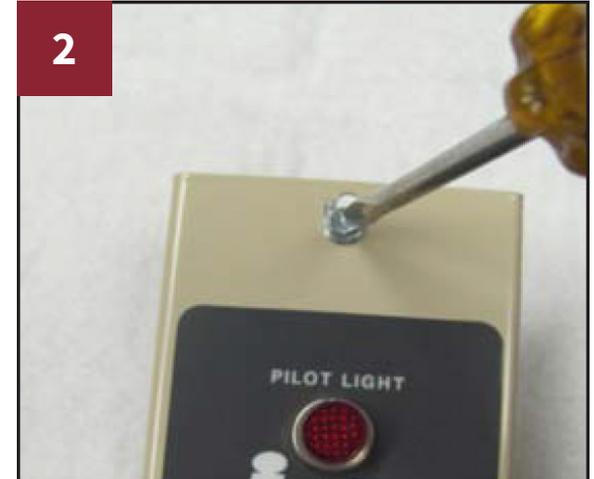
Optional

Completely remove electrical raceway

For ease of installation, completely remove the electrical raceway by disconnecting the electrical wires. Disconnect the ground wire from the unit, then the main electrical supply wire. If your unit has a spotlight, you may also disconnect this wire.

PLEASE NOTE: Carefully examine the wiring as you will need to reconnect these prior to re-installing your electrical raceway.

2



Unscrew electrical raceway

With electricity shut off at service entrance, begin removing electrical raceway from unit. Remove screws at the top and bottom of raceway with a flathead screwdriver. Gently pull raceway out of unit, being careful of wires that are still connected.

3a



Remove timer knob

Remove timer knob by gently prying it off the timer shaft using a flathead screwdriver.



3b

Remove timer nut

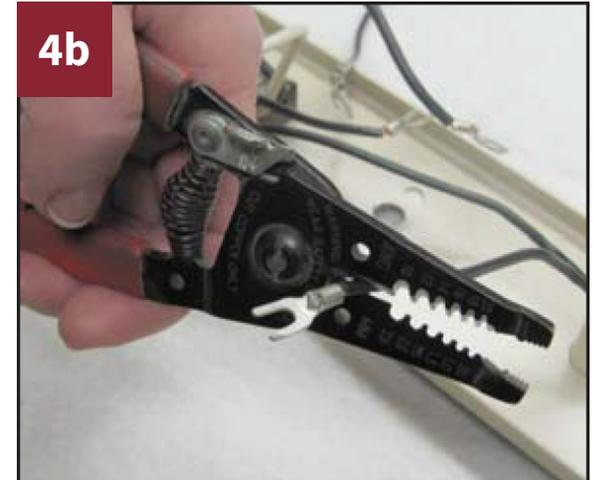
Using a nut driver, loosen and remove the timer nut from the threaded shaft.



4a

Remove old timer

Loosen the two screws holding the timer in place and remove all terminal wires. Remove old timer.



4b

Clip wires

You will need to clip each terminal from the black wires for the pilot light, the electrical outlet, the spotlight (if you have one), and the long black wire from the cut-off switch.



5

Strip insulation

Using wire strippers, strip 1/2" insulation off of each of the previously clipped wires.



6

Install new timer

Place new timer shaft into hole with terminals pointing toward the electrical outlet.



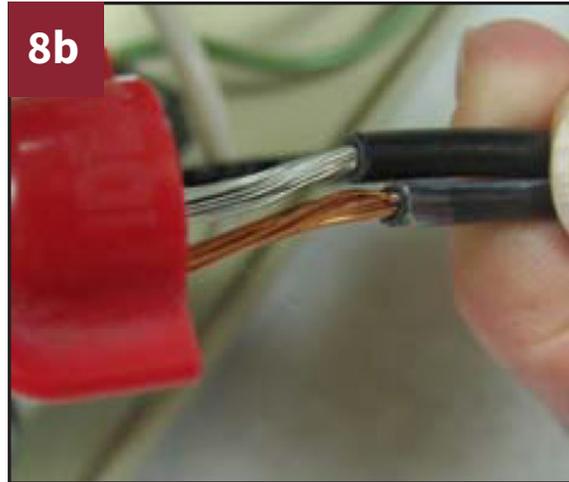
7

Install new timer dial

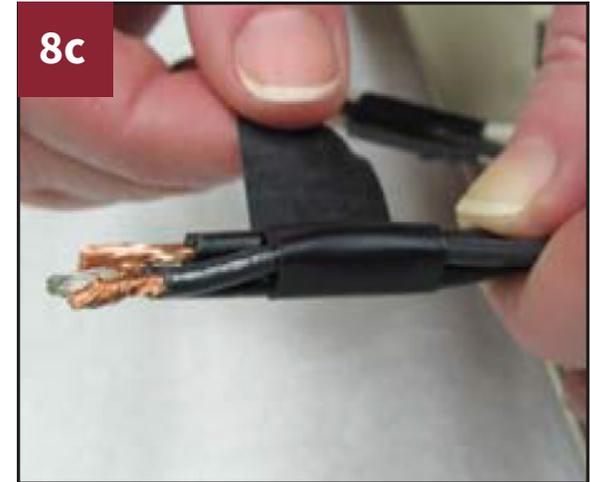
Add new timer dial on threaded shaft with "0" positioned towards pilot light on front of shaft. Screw timer nut on shaft and push timer knob back on.



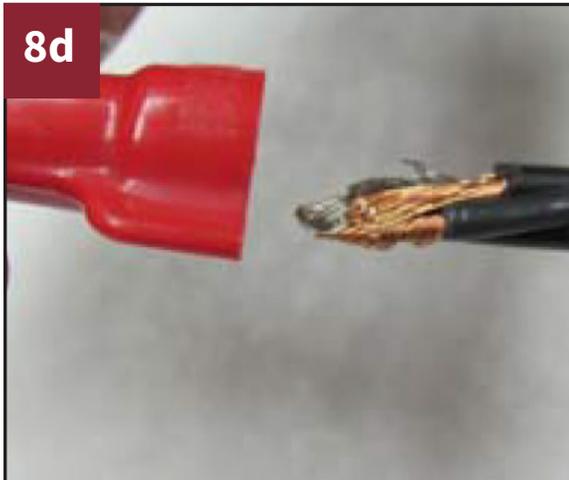
8a
Begin connecting timer
To connect the new timer, begin by pushing the 7" black wires with flag terminals onto each post of the new timer.



8b
Continue connecting wires
Next, connect the long black wire from the cut-off switch to the 7" black wire on the left post by placing the stripped ends together and twisting a wire nut on the end. Make sure wire nut is tight.



8c
Tape electrical wires
Place a piece of electrical tape around the ends of the black wires from the pilot light and electrical outlet (& spotlight, if applicable) to the 7" black wires on right post.



8d
Add wire nut
Connect by twisting on wire nut.



9
Reconnect raceway
Being careful not to pinch any wires, replace the raceway to the unit. Replace top and bottom screws. After replacing raceway, restore power to unit.

If you disconnected the ground, spotlight, and main power wires, you'll need to reconnect them before re-installing the raceway and restoring power.

Installation Complete!

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