

Instructions on how to replace in ground lights Tonto Hills entrance:

Before replacing bulbs. New bulbs can be obtained locally or online. As of February 2014 these bulbs are available online at substantially lower cost. Bulbs required are Intermatic LV500 Malibu Polystar Sonic Sealed Lamps.

1. Remove ABS light holder from ground being careful to watch for vermin. A small shovel will help to remove and re-install. Most light fixtures have ample excess wiring to allow removal from ground.
2. Remove metal frame which holds the bulb. This is a friction fit and can be removed by squeezing the bottom ends and pushing frame out. A large flat blade screw driver will help with this process.
3. The bulb is retained in the frame by a metal retainer. The notch in the retainer must be orientated to one of the small nuts on the frame in order to remove the bulb. It is not necessary to remove these small frame nuts.
4. The bulb is connected by two low voltage wire connectors. A small Philips screw driver is required to disconnect/reconnect the wire connectors.
5. To re-install the bulb **make sure bulb is placed in the metal frame correctly**. It is easy to reverse because the frame has a 180 degree rotation. If the retaining ring won't re-install most likely the frame is reversed. Spin the frame to its correct orientation.
6. Once the light bulb and frame are reassembled, place unit back into ground using a small shovel. Be careful not to strike wiring or irrigation tubing which run together.
7. The low voltage tree lights are controlled by one timer located in the stainless steel housing on the lower south wall. This timer controls both north and south sides. Be watchful for black widows and wasps in all timer boxes.
8. The four bulbs used on the wall ends in the recessed light fixtures require a 25w yellow party light produced by GE and sold locally at Ace hardware. These lights are controlled by three different timers—located on north, south and middle walls.

