

My Golden Hour Mystery Clock Won't Keep Time. What Can I Do?

How many times have you run into this problem? Well, here's how to fix it.

The Problem

The Golden Hour Mystery Clock runs fast or slow. Why? Because the glass is loose in the gear ring. When the Golden Hour was originally manufactured, a special adhesive was used to hold the glass firmly in the gear ring. The assembly was heated in an oven to set the adhesive. Over a period of time this adhesive dries out and the connection deteriorates.

The Solution

Unplug the clock.

Carefully remove the hand assembly from the clock. Be sure to note the positions and sequence of the various washers.

Lay the clock face down on a soft towel and use a sharp knife (be careful) to remove the retaining ring which holds the glass and gear ring in place. Carefully lift the gear ring from the clock.

Please note the position of the 3 curved leaf springs as they will have to be reinstalled during reassembly.

Note the glass and gear ring can be easily separated and will be coated with a hardened film of adhesive.

Thoroughly clean both the glass and the gear ring of all dried adhesive.

It's now a good time to clean the entire clock. Since the Golden Hour is 24K gold plated, we recommend using a soft cloth to lightly clean all surfaces.

Now, place the gear ring on a flat surface covered with a protective covering (a newspaper works just fine). Place a small bead of adhesive in the gear ring, lay the glass in place and give it a slight twist to spread the adhesive, then place another piece of newspaper on the glass and place a weight (under 1 pound) on the paper and allow the adhesive to set for 24 hours.

When set, scrape the excessive adhesive with a razor blade (be careful) and clean the glass. Install the 3 leaf springs in the proper position, then the glass and gear ring assembly. Install the retaining ring, hand assembly and the washers last.

Stand the clock upright and line the minute hand up with the hour hand assembly to the 12 o'clock position and screw the cone nut into place. Align the hour and minute hands before tightening the cone nut.

Place the clock on a flat surface and adjust the hands to the 12 o'clock position. To set clock, move the minute hand clockwise to the correct minute and flip the hour hand to the correct hour.

There, you've done it! The clock should now keep perfect time. But you have two more questions . . .

- 1.) What kind of adhesive do I use? We use a 3M product, #847 Rubber and Gasket Adhesive. It can be ordered directly from us, part number 23506.
- 2.) What kind of lubricant do I use? The Golden Hour Mystery Clock does not require lubrication of any kind on any of its parts. Do not lubricate!

