

Lay the brass casing on it's back, with the hinged brass front closed, on a flat WELL ILLUMINATED surface.

FIRST JOB is to remove the barometer, thermometer or clock movement from the brass casing.

This is held in place by 3 small screws, spread around the circumference of the back of the dial.

When they are removed the complete movement/dial/hands assembly can be simply lifted out.

CLEANING

Next job is to carefully clean any old glue residue from the recess in the brass front that the glass sits in.

It is likely to be a contact type glue, so mineral turpentine (Turps) should work.

Otherwise try Loctite Glue Remover or Acetone.

Apply the product to the recess, and leave it for 2-3 hours (not overnight).

If the old glass is not broken, do the same procedure to thoroughly remove old glue from the edge.

Glue residue will turn into a jelly and can be easily wiped/scraped off.

If some scraping is necessary use a piece of hard plastic, as it will not scratch the brass.

Do not use a metal scraper.

By carefully wiping, ensure ALL traces of glue and the glue remover are removed.

GLUING

The best product we have found is Loctite Super Glue GLASS.

This is very transparent with no white 'blooming' and is formulated for glass.

Most superglue is not recommended for glass.

Many other brands and types 'bloom' white when set, which will not look good.

To apply the Loctite Glass Super Glue:

It is not necessary to run a continuous bead of glue around the recess for the glass.

Just place very small drops of it inside the recess at about hourly spaces.

That is, 12 drops around the circumference is plenty.

Try to put the drops right in the corner of the recess, only very small drops are needed.

Place the glass into the recess and press lightly.

If any glue is showing on the outside of the glass or brass front remove it immediately.

Leave for an hour or so.

FITTING A NEW CLOCK MOVEMENT

Unpack the new movement assembly, taking care when removing the polystyrene spacers not to bend the hands.

With all four hands lined up at 12 O'Clock sight thru them and ensure they are not fouling each other.

If they are, using very light pressure with a small flat screwdriver or similar, bend the offending hand(s) upward or downward.

It is best to start at the bottom hand, check it clears the hand above, and carry on upwards thru the hands.

Now the the new movement can be placed in, using the 3 small screws.