

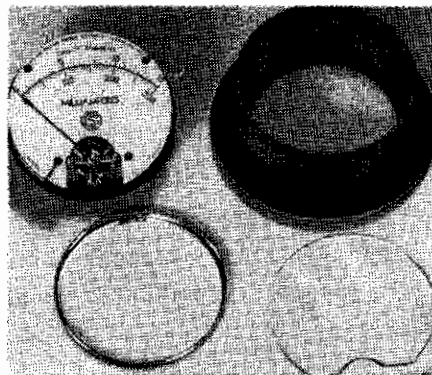
TIGHTEN METER FACES

One major maintenance problem with older panel meters is the loosening of the glass window under vibration or pressure. Not only is the loose glass annoying, but it increases the danger of meter damage by dust and moisture entering the case.

Many kinds of cement have been used to hold the glass in such meters without much success. The photo shows an exploded view of a typical panel meter and illustrates a simple permanent repair.

As the photo shows, the meter glass is held in the case by a close-fitting metal retaining ring. Once loosened, a light pressure on the glass will press the sleeve back into the meter case and result in a rattling glass.

Light crimping with diagonal pliers in three or four places around the cir-



cumference of the ring will make a permanent cure. When reassembled, the projections from the plier crimps dig into the bakelite case and resist any pressure short of breaking the glass.

—Roy E. Pafenberg