

## Shaft Change

### Analog Atomic Watch

Open the watch by removing the 4 screws at the back. Carefully remove the bottom, make sure you are not losing the waterproof seal.

Put the open watch with the shaft on the right side onto the table. You see in Fig. 1 the battery (BAT), the battery spring (BS) with its mounting screw (S1), and at the right side a semicircular cut in the PCB which is gold-plated. Into this opening projects the bent arm of the contact spring (CS) which is fixed to the Printed Circuit Board (PCB) with screw (S2). When pushing the crown an electrical contact is made between the PCB and the battery through shaft and contact spring. Please make yourself familiar with the details as shown in Fig. 2 before you start to dismantle:

Arm (A) overlaps shaft (C) with its guide slot (B). Shoulder (D) of the shaft moves the arm when pushing the crown. When you bring the arm in this position after the shaft change, the arm must again be inserted between PCB and the black segment of the shaft.

Only after you have made yourself familiar with the functional correlations proceed with the shaft change as follows:

- Loosen and remove the battery spring screw S1.
- Carefully lift the battery spring (BS) to open its contact to the contact spring (CS); battery remains in its position.
- Now loosen and remove contact spring screw (S2).
- Remove contact spring (CS).
- Slightly push down stop spring (see Fig. 3) with a small screw driver and pull out the shaft with the crown.
- Leave the watch module in the case.
- Put in a new shaft with crown
- Mount the contact spring according above explained criteria (Fig. 2).
- Push down the battery spring and tighten the screw (S1).
- Before you put now the back on again, make sure the waterproof seal is correctly in place. Carefully screw in the 4 screws of the back cover.

Now the watch has to be initialized as described in the Battery Change Instructions.

Fig. 1

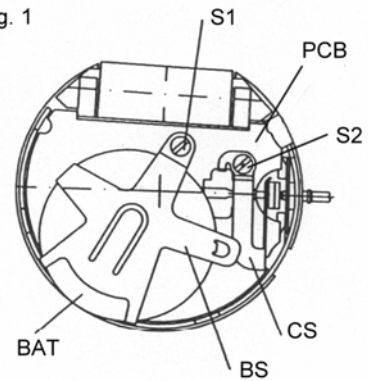


Fig. 2

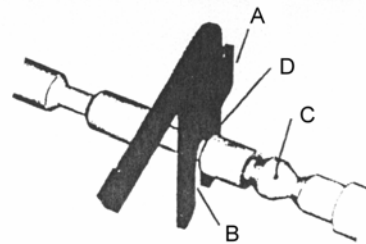


Fig. 3

