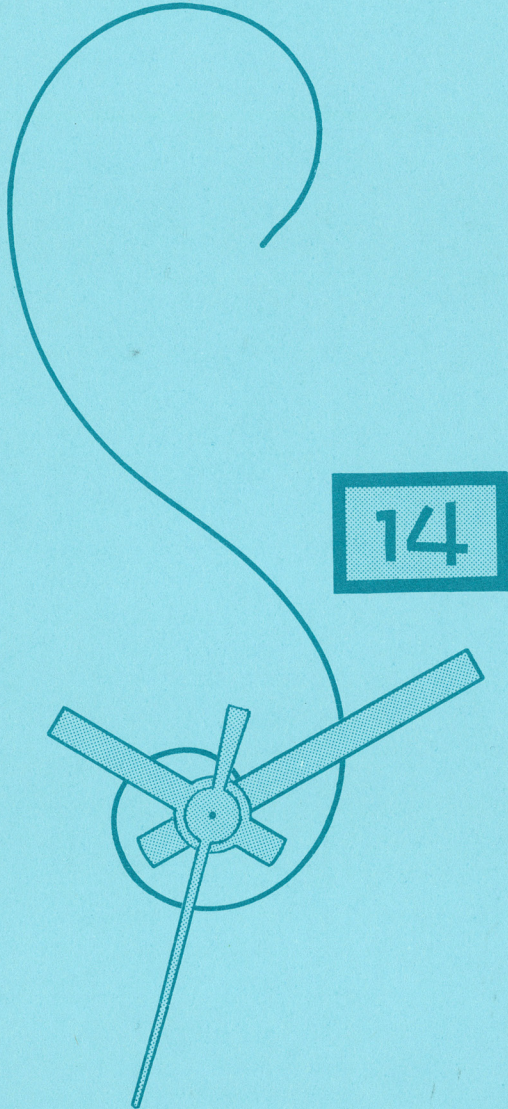


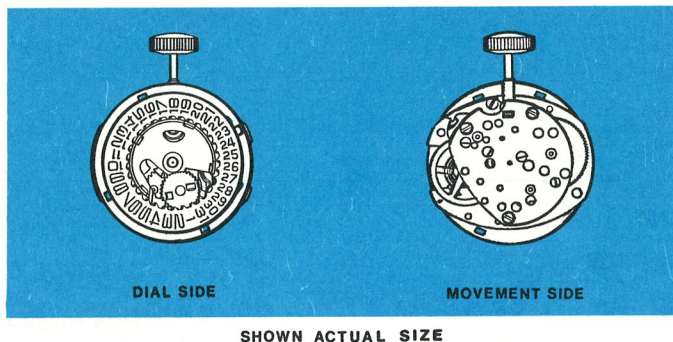
# TIMEX model 101

SERVICE MANUAL  
MODEL 101



9½ lig.  
21.44 mm  
844 in.

# The TIMEX® Model 101 Movement



THE TIMEX MODEL 101 IS A 9½ LIGNE CALENDAR MOVEMENT WITH "V-CONIC" BALANCE BEARINGS.

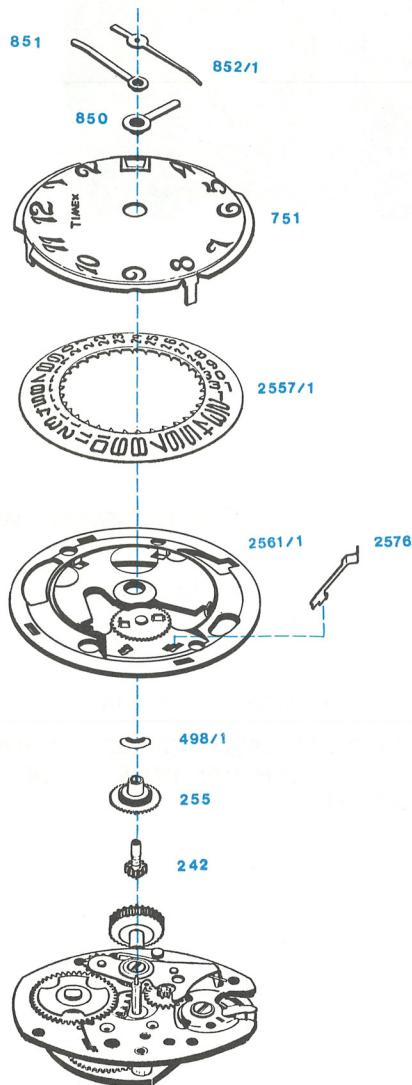
THE MODEL 101 MOVEMENT IS THE SAME AS THE MODEL 100 MOVEMENT WITH THE ADDITION OF THE CALENDAR MECHANISM.

THE DATE MAY BE ADVANCED QUICKLY.

THE TIMEX CODE NUMBER APPEARS ON THE EDGE OF THE DIAL.

THE CODE NUMBER SHOWS THE CATALOG NUMBER, MOVEMENT NUMBER AND YEAR OF MANUFACTURE FOR THE WATCH (SEE PAGE 1.1 OF THE TIMEX SERVICE MANUAL FOR EXPLANATION).

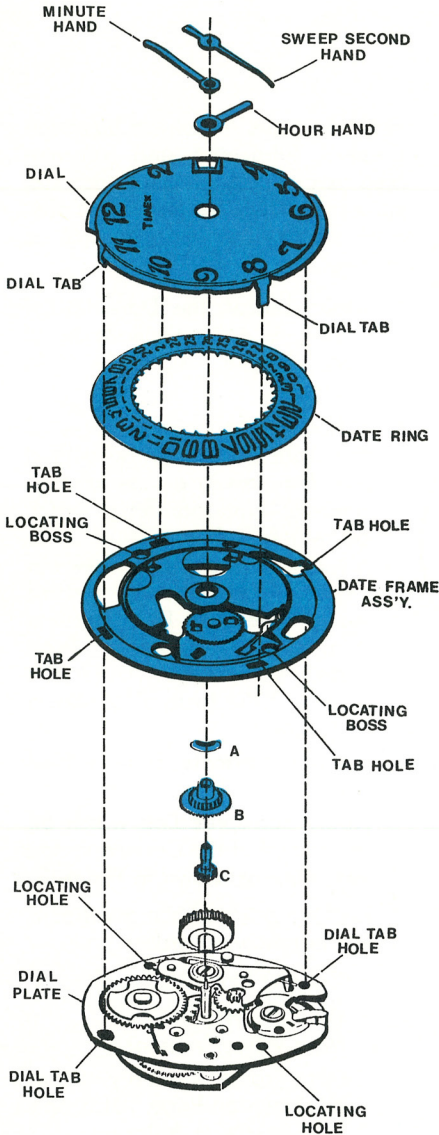
# The **TIMEX**® Model 101 Movement (exploded view)



- 242 CANNON PINION ASS'Y.
- 255 HOUR WHEEL ASS'Y.
- 498/1 HOUR WHEEL WASHER
- 751 DIAL
- 850 HOUR HAND
- 851 MINUTE HAND
- 852/1 SWEEP SECOND HAND
- 2557/1 DATE RING
- 2561/1 DATE FRAME ASS'Y.
- 2576 DATE DETENT SPRING



# Disassembly of Model 101 Movement



To disassemble the Model 101 movement for cleaning, it is necessary to:

- A. Remove all hands.
- B. Straighten the Dial tabs so they will pass through the holes and come free of the movement. Turn the Assembly over and lift off the Dial, the Date Ring and the Date Frame Assembly.
- C. Remove the Hour Wheel Washer (A) the Hour Wheel Assembly (B) and the Cannon Pinion Assembly (C) as shown at left.
- D. After the above parts have been removed, the basic movement can be disassembled, cleaned, lubricated and reassembled as outlined for the Model 100 movement starting on Page 100.3.
- E. The Hour Wheel Washer, Hour Wheel Assembly, Cannon Pinion Assembly and Date Frame Assembly may be cleaned using standard watch cleaning solutions.

**CAUTION:** Extreme care must be exercised in cleaning Dials, Hands and Date Rings. Solvent Type Cleaners will often damage the finish on these parts.

# Reassembly of the Model 101 Movement

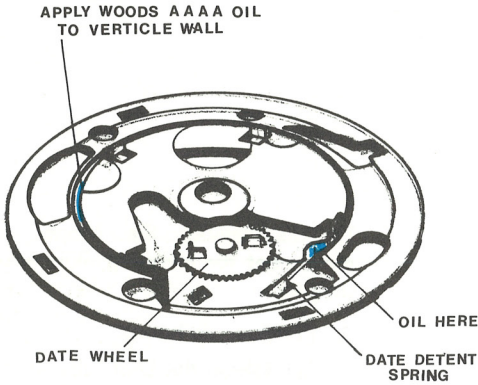
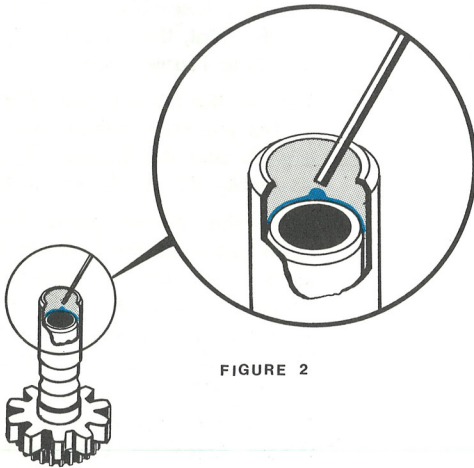


FIGURE 1



After the basic movement has been cleaned, lubricated and reassembled as outlined for the Model 100 movement, the Model 101 movement reassembly is completed as follows:

- A. Make certain the Date Detent Spring is correctly located in Date Frame Assembly (see Figure 1).
- B. Lubricate the bearing faces of the Date Detent Spring with a thin film (avoid excess lubrication) of non-spreading watch oil (*Moebius Synt-A-Lube Oil is used in the factory*) as shown in Figure 1. Lubricate the vertical wall of the Date Frame with a thin film of Spreading Type Watch Oil (*Woods AAAA Oil is used in the factory*) as shown in Figure 1.

Do not lubricate Date Wheel Area.

Apply non-spreading watch oil to the end of the Cannon Pinion Assembly as shown in Figure 2.

- C. Replace parts on the movement in the following order:

Cannon Pinion Assembly

Hour Wheel Assembly

Hour Wheel Washer

Date Frame Assembly—orient as shown on Page 101.3 and seat bosses in holes.

# Reassembly of the Model 101 Movement

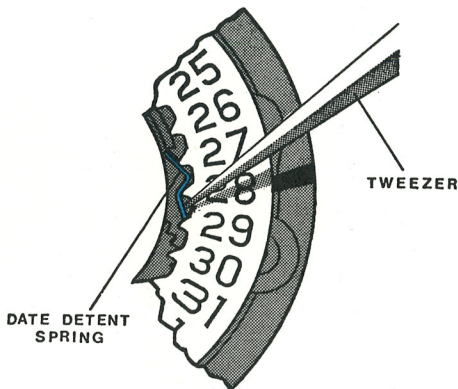


FIGURE 3

Date Ring—Position Date Ring centrally on Date Frame Assembly. With fine tweezers, deflect Date Detent Spring inward until the Date Ring drops into place (see Figure 3).

Dial—Orient Dial as shown on Page 101.3 with Window toward Crown and Stem and insert tabs through Date Frame Assembly into Dial Plate of movement.

Hold Dial in place on movement, turn Assembly over and bend tabs firmly against back of Dial Plate.

- D. Pull Crown and Stem out and rotate clockwise until the Date changes (with a snap). Stop turning the Crown immediately and assemble Hands at the 12 o'clock position.

Check Assembly to be sure Date changes at 12 o'clock.