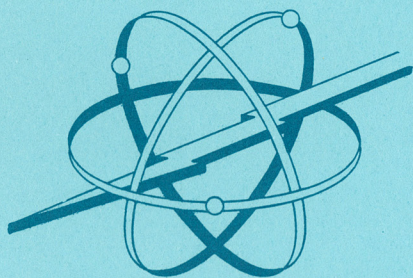


TIMEX model 51

***ELECTRONIC***



calendar watch



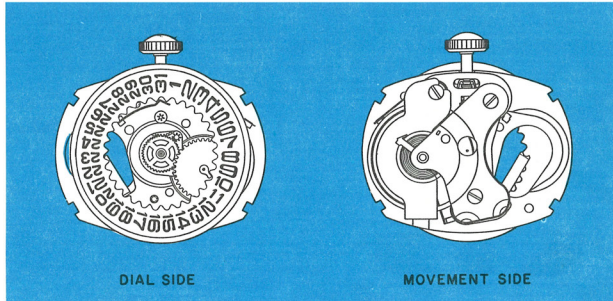
9 $\frac{3}{4}$  by 13 $\frac{1}{2}$  lig.

22.1 by 30.5 mm

.870 by 1.20 in.

SERVICE MANUAL  
MODEL 51

## the TIMEX Model 51 Movement

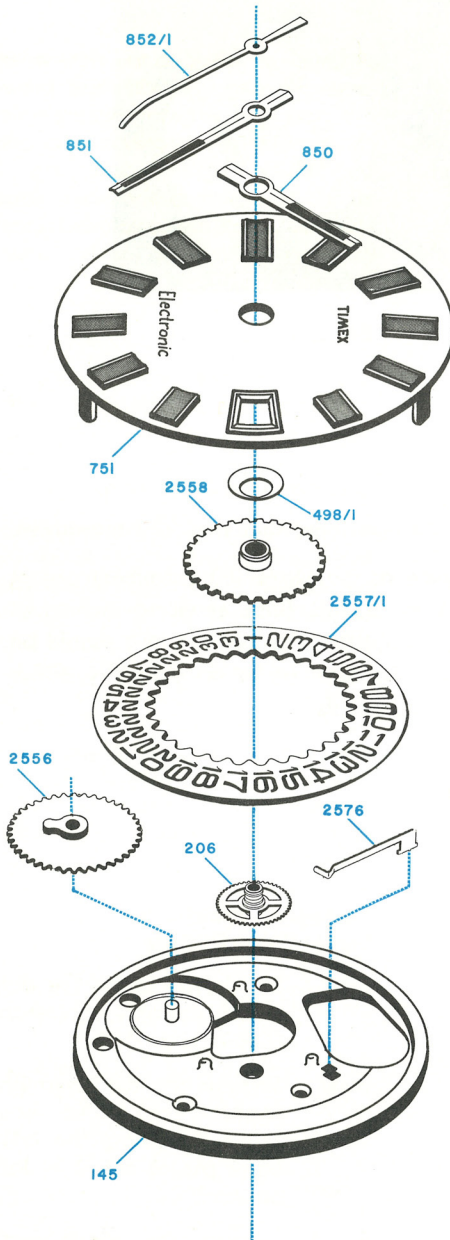


The Timex Model 51 is an  $9\frac{3}{4} \times 12\frac{3}{4}$  ligne electronic calendar movement.

The model 51 movement is the same as the Model 50 movement except that a calendar mechanism has been added. Basic servicing techniques are the same as for the Model 50 except that the minute hand should be removed prior to removing the dial. The date can be set manually, either forward or backward by rotating the hands.

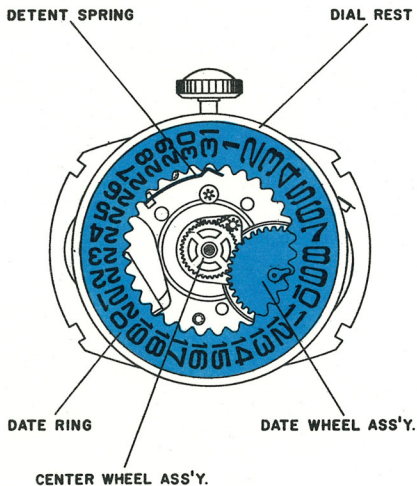
Since watch contains permanent magnets, no attempt should be made to demagnetize the watch.

# the TIMEX Model 51 Movement (exploded view)



- 145 DIAL REST
- 206 CENTER WHEEL ASS'Y.
- 498/1 HOUR WHEEL WASHER
- 751 DIAL
- 850 HOUR HAND
- 851 MINUTE HAND
- 852/1 SWEEP SECOND HAND
- 2556 DATE WHEEL ASS'Y.
- 2557/1 DATE RING
- 2558 HOUR WHEEL
- 2576 DETENT SPRING

## Disassembly of Movement (model 51)



A finger attached to the date wheel assembly engages with and moves the date ring. A detent spring holds the date ring in position and also aids in moving the date ring. A pinion attached to the hour wheel (No. 2558 on the exploded view) engages with the date wheel assembly.

### Disassembly

Use the exploded view as a guide in disassembly and assembly of the mechanism.

### Cleaning and Lubricating

All cleaning and lubricating points indicated for the Model 50 should be followed for the Model 51. Remember that the date ring actually is a printed dial and some watch cleaning fluids will strip the printing. In addition to the Model 50 lubricating points, lubricate a few teeth on the date ring and the post of the date wheel. The dial rest has been coated with a solid lubricant and needs no further lubrication.

### To Position Hands For Proper Date Change

- First —Set the finger on the date wheel assembly against the date ring as shown.
- Next —Replace the dial assembly, together with the hour hand, keeping the hour hand set at the 2 o'clock position.
- Finally—Replace the minute hand and sweep hand.