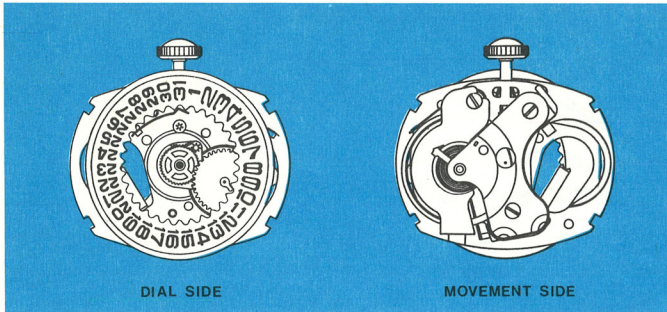


TIMEX model 265

DYNABEAT  
Electric Time-Zone Watch

9 $\frac{3}{4}$  by 12 $\frac{3}{4}$  lig.  
22.1 by 28.7 mm  
.870 by 1.130 in.

# The TIMEX® Model 265 Movement



ACTUAL SIZE

The Timex Model 265 is a  $9\frac{3}{4} \times 12\frac{3}{4}$  Ligne high frequency electric calendar movement with the added feature of a second hour hand to show the time in two time zones simultaneously.

The basic movement of the Model 265 is similar to the Timex Model 253 but with the minute wheel assembly, seconds wheel assembly and dial rest changed to permit addition of the second hour hand.

The calendar may be changed by rotating the hands either forward or backward through 24 hours for each date change.

The time difference between the two hour hands is set while rotating the hands counterclockwise, (the universal hand will stop at the first hour mark) then the actual time is set by rotating the hands clockwise.

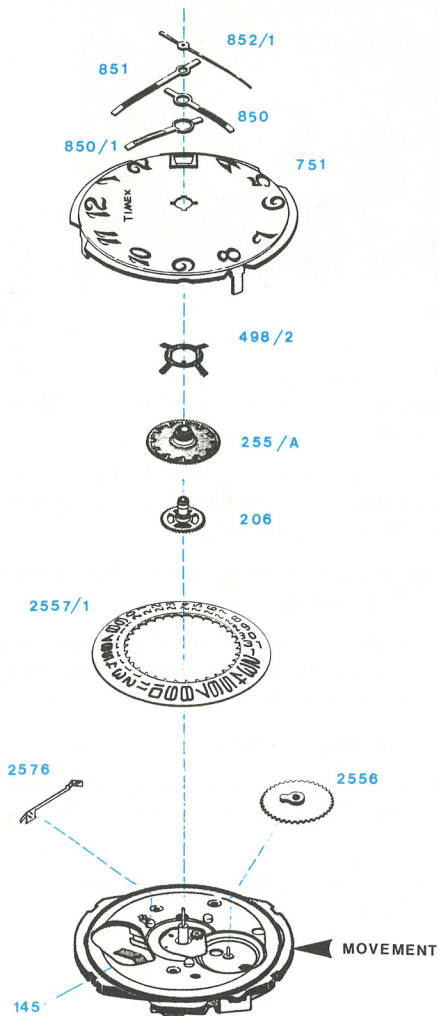
The Timex code number appears on the edge of the dial.

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).

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

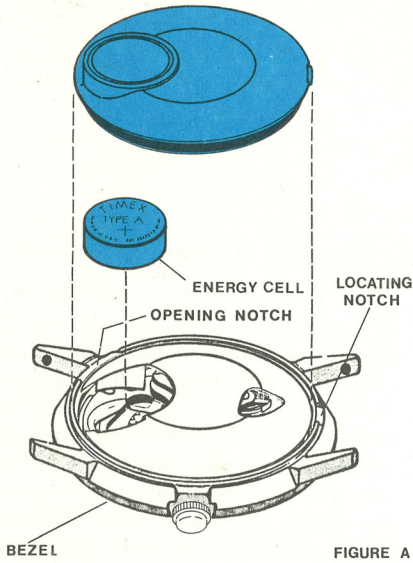


# The **TIMEX**® Model 265 Movement (exploded view)



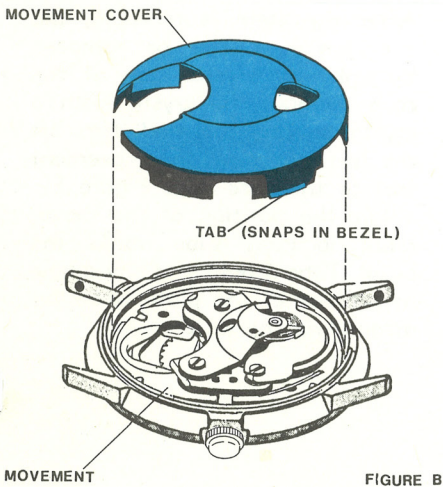
- 145 DIAL REST
- 206 CENTER WHEEL ASS'Y.
- 255/A HOUR WHEEL ASS'Y.
- 498/2 HOUR WHEEL DETENT WASHER
- 751 DIAL
- 850 HOUR HAND
- 851 MINUTE HAND
- 850/1 UNIVERSAL HAND
- 852/1 SWEEP SECOND HAND
- 2556 DATE WHEEL ASS'Y.
- 2557/1 DATE RING
- 2576 DETENT SPRING

# Disassembly of the Model 265 Movement



Insert blade into the opening notch on the bezel and pry the caseback off as shown in Figure A. (The locating tab on the caseback is used for orientation of the back during re-assembly.)

Remove the energy cell (energy cell with a voltage of less than 1.5 volts or in service in excess of one year should be replaced).



Lift off the movement cover. The cover is held in place by two tabs which snap into recesses in the bezel.

# Disassembly of Movement Cont'd.

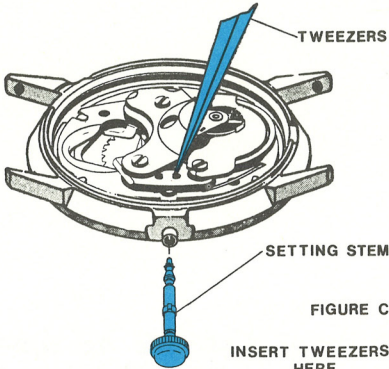


FIGURE C

To remove the stem

The stem is held in position by the stem bracket (See Figures C and D). To remove the stem, pull the stem out into the set position and continue to maintain a slight outward pull. Place the points of a heavy tweezer into one side of the stem bracket and push bracket aside to release one side of stem. Continue to pull the stem outward and use the points of the tweezer to release the other side of the stem from the bracket. The stem will now pull free of the movement and case.

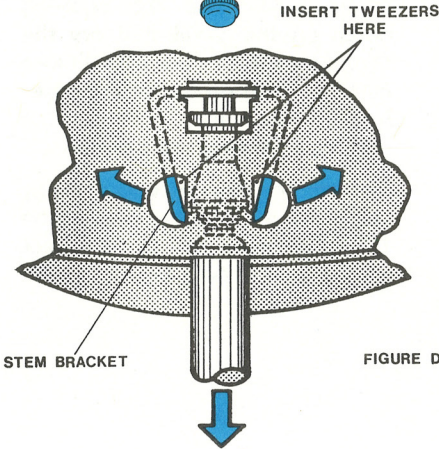


FIGURE D

After the stem is removed, the movement can be removed through the crystal side of the case. Remove the crystal with a crystal seating tool and then lift the reflector ring and movement free of the case (See Figure E). (Note the position of the movement locating tabs inside the bezel. Tabs should properly align in notches of the plate when re-assembling the watch.)

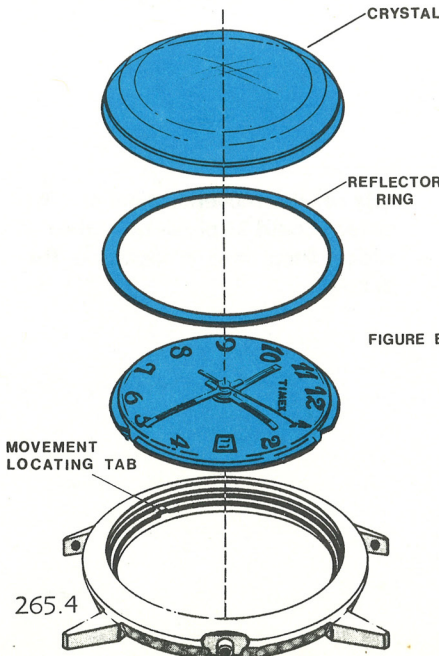


FIGURE E



# Disassembly of Movement Cont'd.

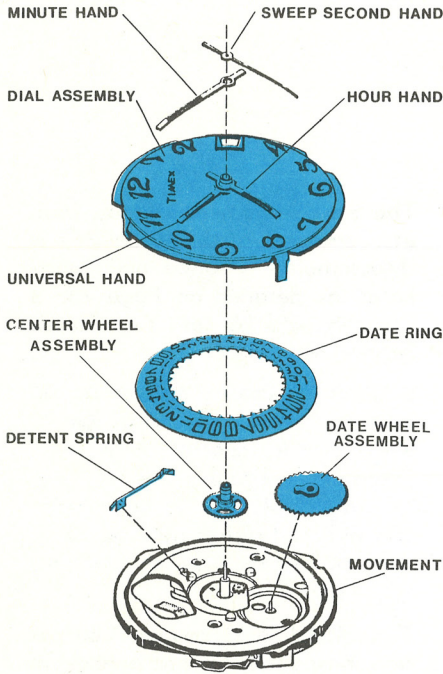


FIGURE F

To remove dial from movement:

- A. Remove sweep second hand and minute hand.
- B. Straighten four tabs sufficiently to release dial from movement while holding dial in place.
- C. Turn assembly over and lift off dial assembly. Note position of parts under dial (See Figure G). The clutch mechanism which permits setting time difference between hour hands is contained in the dial assembly.
- D. Lift off in order:
  - Date Ring (detent spring will move over).
  - Date Wheel Assembly
  - Center Wheel Assembly (See Figure G).

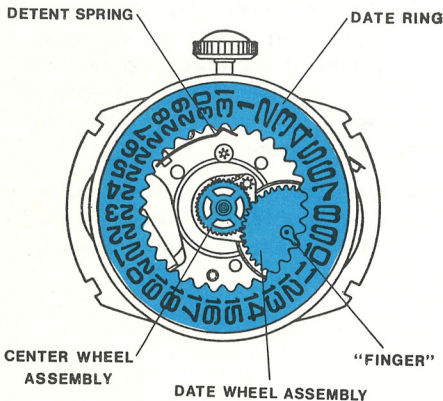


FIGURE G

# Cleaning the Model 265 Movement

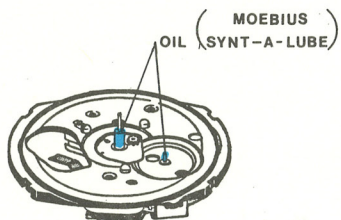


FIGURE H

The basic movement (hands, dial, etc. removed) of the Model 265 is disassembled, cleaned and lubricated as detailed on Page 253.3 through 253.16 of the Timex Service Manual.

**Caution:** Extreme care must be exercised when cleaning cases, dials, hands, special rings, etc. which may contain materials other than metal because paint, lacquer and plastic finishes may be damaged by standard watch cleaning solutions.

The Model 265 requires lubrication in addition to that applied in the basic movement as described below:

- A. Apply non spreading watch oil (Moebius Synt-a-lube oil is used in the factory) to the center post and the post for the date wheel assembly (See Figure H).
- B. During reassembly, apply non spreading watch oil to three teeth of the date ring and at the end of the detent spring where it engages the date ring (See Figure J).
- C. The dial rest has been coated with a solid film lubricant and needs no further lubrication.

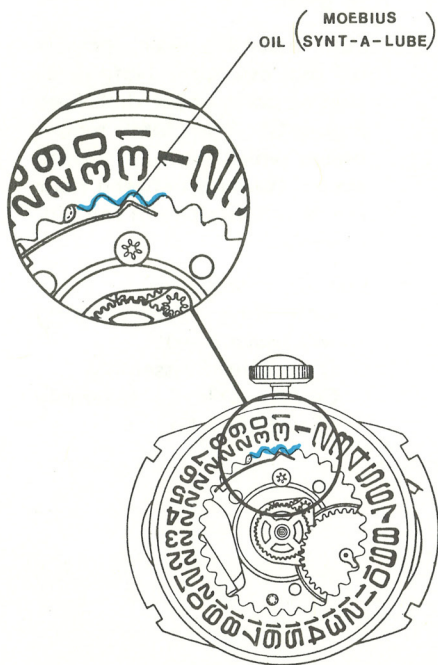


FIGURE J

# Reassembly of the Model 265 Movement

After the basic movement is cleaned, lubricated and reassembled, the Model 265 is reassembled as follows:

- A. Insert crown and stem assembly in movement and push in while rotating to engage the bracket.
- B. Position center wheel assembly on center post and engage with pinion teeth.
- C. Place date wheel assembly on post with finger positioned as shown on Page 265.5, Figure F.
- D. Replace detent spring in dial rest if it has come loose during cleaning and handling.
- E. Centralize date ring on dial rest and use point of tweezer to deflect detent spring to engage teeth of date ring (lubricate as noted in Paragraph B on Page 265.6).
- F. Place dial assembly on movement so window is in line with stem, hour hand is at 11 o'clock and tabs are aligned in slots of the dial plate.
- G. Hold dial in place, turn assembly over and bend tabs to hold dial in position.

To assemble hands, proceed as follows:

- H. Turn crown so hands rotate counterclockwise and check that zone hand stops exactly on hour mark. Turn hands clockwise and check that the date starts to change at 12 o'clock.
- I. Set hour hand at 12 o'clock position and press on minute hand and second hand. Be sure sweep hand is below chamfer on the top of the staff.
- J. Remove crown and stem. Place assembly in bezel, make certain tabs in bezel engage slots in the dial plate.
- K. Place reflector ring on top of dial and replace crystal.
- L. Insert stem through bezel and push into place in movement with turning motion.
- M. Replace movement cover, put in energy cell\* and replace back being sure to align the locating tab in the notch in the bezel.
- N. Push crown into run position and watch will start immediately. If not, slight finger agitation of the watch may be necessary to start the watch.

\*Use of energy cell not meeting Timex specifications may cause watch to malfunction. Timex energy cells can be obtained from your local Timex retailer or Timex authorized watch service center. Do not dispose of energy cell in fire.