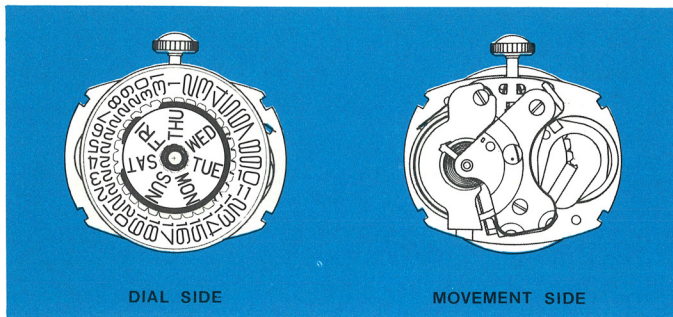


TIMEX® Model 262

SERVICE MANUAL
MODEL 262

11-³/₄ x 12-³/₄ lig.
26.51 x 28.76 mm
1.046 x 1.132 in.

The TIMEX® Model 262 Movement



ACTUAL SIZE

The Timex Model 262 is an 11-3/4 by 12-3/4 ligne high frequency electric watch movement with a day and date feature.

The basic Model 262 movement is similar to the Model 260 movement with added parts and modifications to provide the day and date features.

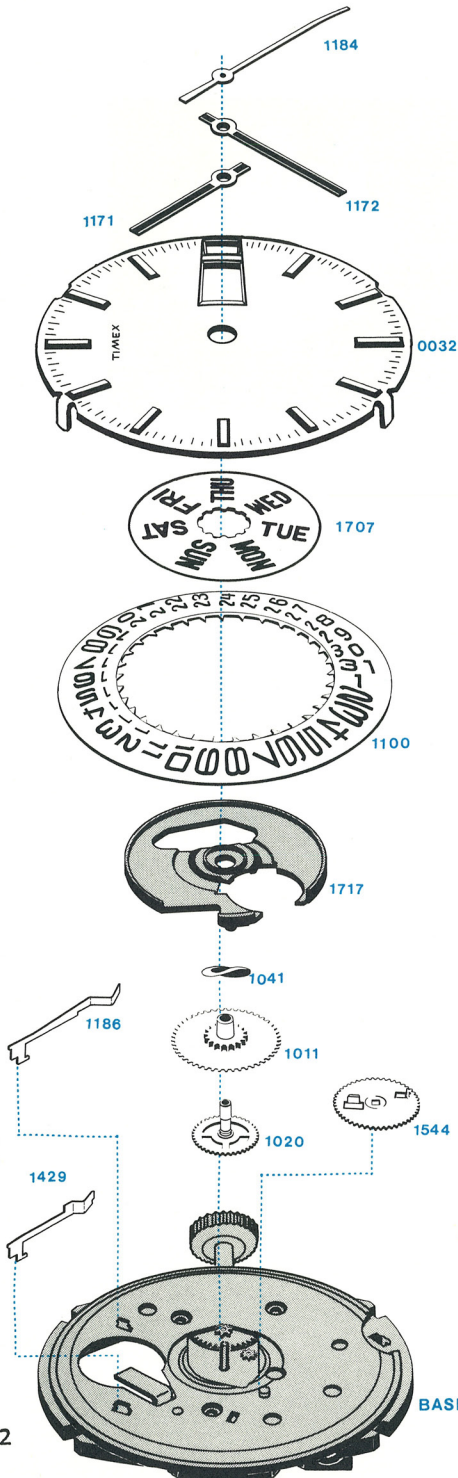
The watch contains a mechanism which permits both the day and the date to be set without turning the hands through 24 hours of rotation. The parts of the day and date mechanism are not interchangeable with similar parts from other Timex electric day and date watches.

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.

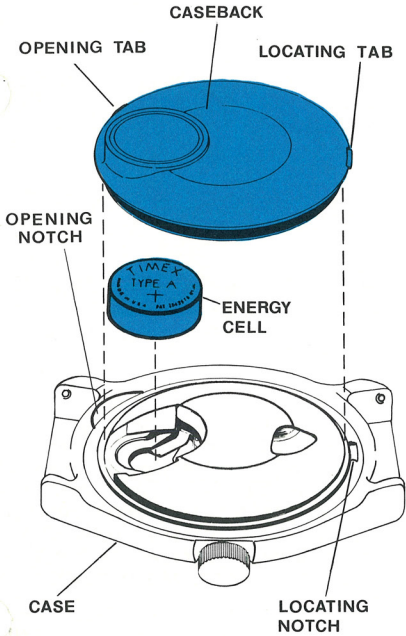
The **TIMEX**® Model 262 Movement (exploded view)



- 0032 DIAL
- 1011 HOUR WHEEL ASS'Y.
- 1020 CENTER WHEEL ASS'Y.
- 1041 HOUR WHEEL WASHER
- 1100 DATE RING
- 1171 HOUR HAND
- 1172 MINUTE HAND
- 1184 SWEEP SECOND HANL
- 1186 DAY DETENT SPRING
- 1429 DATE DETENT SPRING
- 1544 DATE WHEEL
- 1707 DAY DISC
- 1717 DAY / DATE FRAME

BASIC MOVEMENT

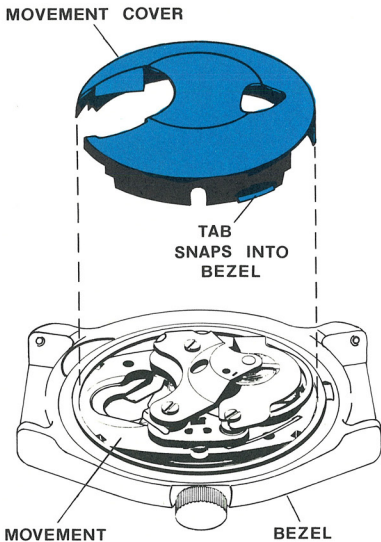
Disassembly of the Model 262 Movement



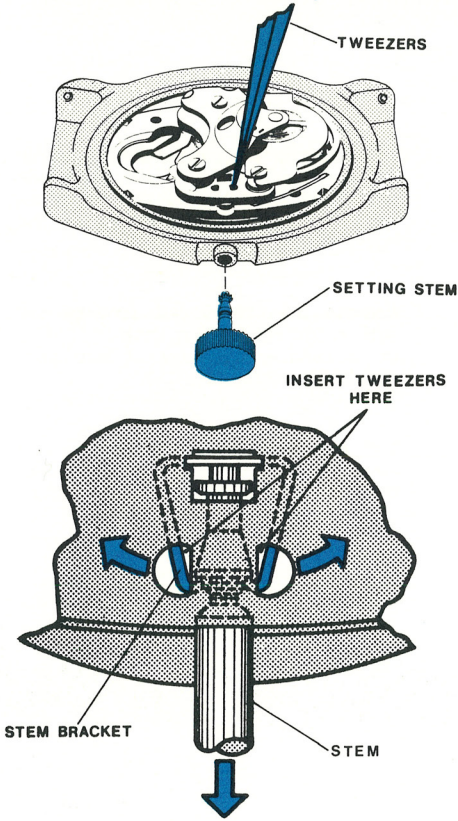
Insert blade into the opening notch on the bezel and pry the caseback off. (The locating tab on the caseback is used for orientation of the back during reassembly).

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.



The stem is held in position by the stem bracket. Release the stem from the Stem bracket with tweezers.

(Details of stem removal are described on Page 260.4).

When the Crown and Stem Assembly 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 A). Note the position of the movement locating tabs inside the bezel. Tabs should be properly aligned in notches of the plate when reassembling the watch.

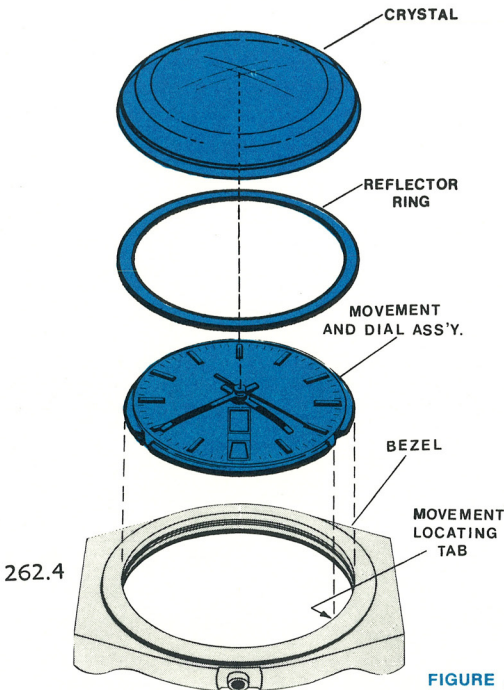


FIGURE A

Disassembly of Movement Cont'd.



Remove all Hands.

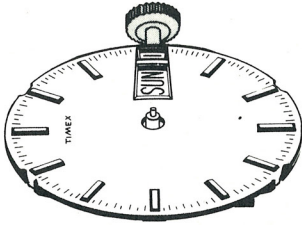


FIGURE B

Straighten the four dial tabs enough to free the dial from the movement. Turn the assembly over and carefully lift the dial off the movement. Note the position of the parts under the dial (See Figure D).

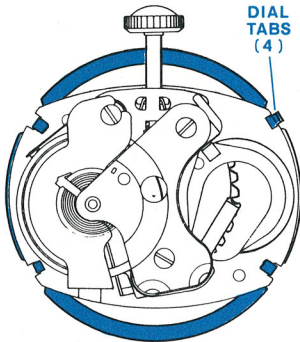


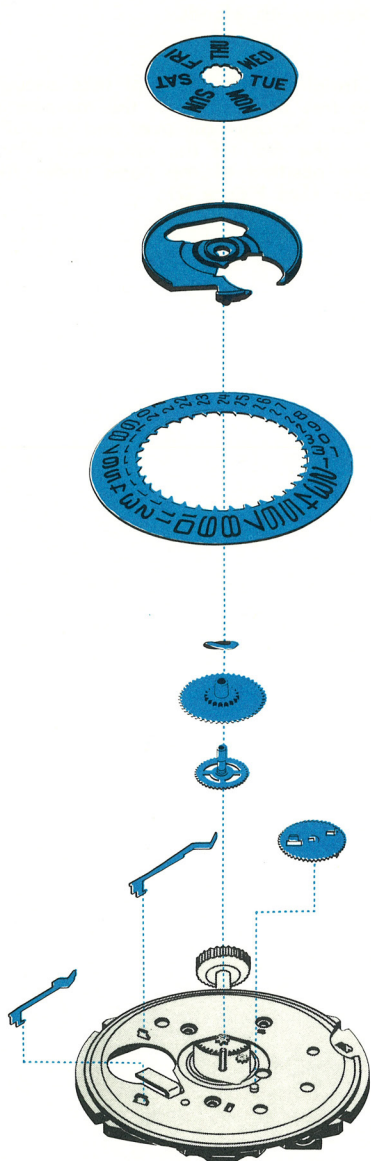
FIGURE C



FIGURE D

Disassembly of Movement Cont'd.

Remove in order. (Figure E)



- Day Disc
- Day/Date Frame
- Date Ring
- Day Detent Spring
- Date Detent Spring
- Date Wheel
- Hour Wheel Washer
- Hour Wheel Assembly
- Center Wheel Assembly

With the above parts removed, the basic movement may be replaced with a Timex reconditioned movement. The parts removed above are assembled to the reconditioned movement as described starting on page 262.7.

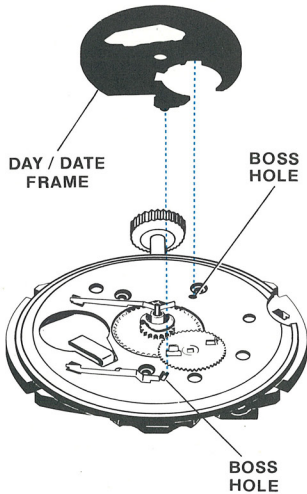
The movement assembly may now be assembled, cleaned and relubricated as detailed on pages 260.4 through 260.9. Other metal parts may be cleaned in the same manner as the movement.

CAUTION: Extreme care must be exercised in cleaning Dials, Hands, Day Discs and Date Rings. Solvent type cleaners will often damage the finish or these parts.

FIGURE E

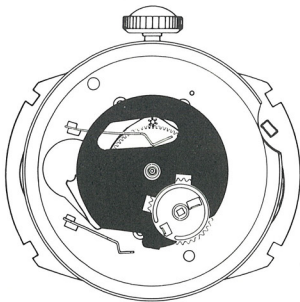
Reassembly of the Model 262 Movement

After the basic movement has been cleaned and lubricated following the procedures for the Model 260, the Model 262 movement is reassembled in order as follows:



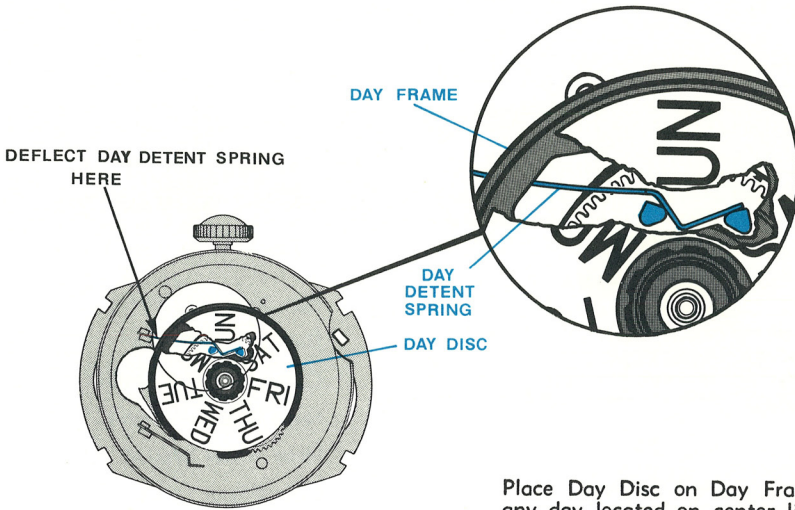
- Day Detent Spring*
- Date Detent Spring*
- Center Wheel Assembly
- Hour Wheel Assembly
- Hour Wheel Washer
- Date Wheel

Assemble Day/Date Frame (note two bosses on back of frame) engage bosses in corresponding holes in the Dial Rest, Position Date Wheel with tabs located as shown in illustration at the left.



* Lubricate bearing surface of both detent springs with small amount of non-spreading watch oil (Maebius Synt-A-Lube is used in the factory).

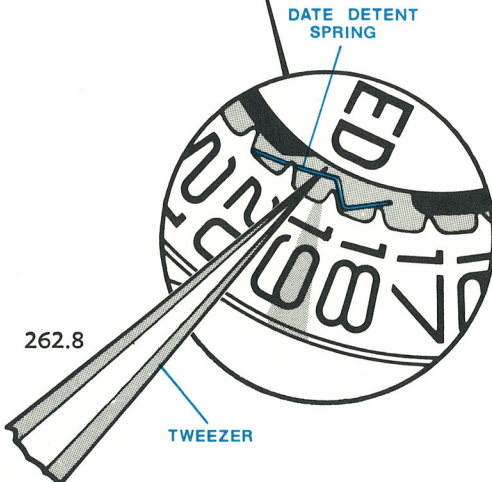
Reassembly of the Model 262 Movement



Place Day Disc on Day Frame with any day located on center line from hour wheel to set stem. With tweezers, deflect the Day Detent Spring (shown in illustration at left) and Day Disc will drop into proper engagement.



Position Date Ring on assembly. With small tweezers or pick, deflect Date Detent Spring slightly to engage the Date Ring properly.



Carefully orient dial on the movement so the dial tabs engage the notches in the dial plate assembly, then, holding the dial firmly in place, turn the movement over and bend the tabs to secure the assembly.

Reassembly of the Model 262 Movement

Insert crown and stem assembly into the movement assembly. Rotate crown until date advances with a snap. Assemble hand at the 12 o'clock position.

Check proper function of the Day and Date features by rotating the hands clockwise until the date changes (this change should occur about midnight). Continue to rotate hands clockwise until the day changes with a snap (this day change should occur between midnight and 4:30 AM). Rotate the hands counterclockwise past midnight (until "day" will snap back into position) and then rotate hands clockwise until day advances again (before 4:30 AM).

Rotate hands counterclockwise past 12 midnight until they indicate 9 PM then rotate them clockwise until date changes with a snap (this change should occur between 11:45 P.M. and 12:15 A.M.).

Rotate hands clockwise through 29 hours and both the day and the date should advance one position.

Remove crown and stem assembly from the movement assembly. Place dial and movement assembly into bezel being careful to position it so the movement locating tab is in the locating notch. Position reflector ring on dial and replace the crystal in the bezel. Turn the watch over and insert the setting stem and crown through the bezel and into the stem bracket in the movement.

Examine the energy cell ground spring in the movement to be sure it is in position to prevent a short circuit and to assure proper grounding.

Position movement cover in bezel, put in Timex energy cell Type "A" and snap in the caseback. Push crown into run position and check that watch runs.

Pull crown out and check proper function of the day and date features.