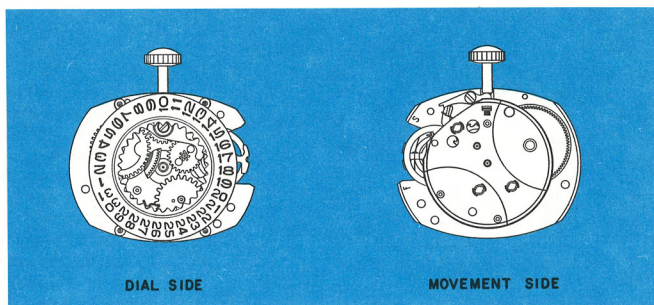


# TIMEX model 75

SERVICE MANUAL  
MODEL 75

9¼ by 11¼ lig.  
21,08 by 25,35 mm  
.998 by .830 in.

## the TIMEX model 75 movement



The Timex Model 75 is an 11- $\frac{1}{4}$  ligne by 9- $\frac{1}{4}$  ligne, 21 jewel calendar movement featuring rugged two plate construction. The Model 75 is readily distinguished from other Timex movements by the number of jewels and the small, gracefully decorated movement plate.

Whereas most watches utilize bridges, Timex has constructed the Model 75 movement with full plates to take advantage of the accuracy inherent in this type of design. This accuracy insures complete interchangeability of the escapement and gear train without the need for selective fitting and adjustments which complicate the repair of most watches.

Another important feature of the Timex Model 75 is in the escapement. Timex has developed a jeweled lever escapement which functions exactly as the conventional escapements, but eliminates the danger of loose pallet stones. In conventional jeweled club-tooth lever escapements, the pallet stones lie horizontal to the plane of the lever and are normally shellacked in place. This type of construction leads to frequent loosening of the stones during cleaning, thus requiring readjustment. The Timex design, however, uses pallet stones vertical to the pallet lever which are driven permanently in place. Since they are not fixed with shellack or other adhesives they will not loosen during cleaning and will not require adjustment, thus retaining full accuracy in the escapement.

The basic movement used in the Model 75 is the Timex 21 jewel Model 72. All calendar parts are the same as in the Timex Model 25.

Servicing techniques, parts, etc., are identical to those shown for the Model 72 movement and M-25 calendar mechanism.

An exploded view of the Model 75 is shown on page 75.2.

# the TIMEX model 75 movement (exploded view)

