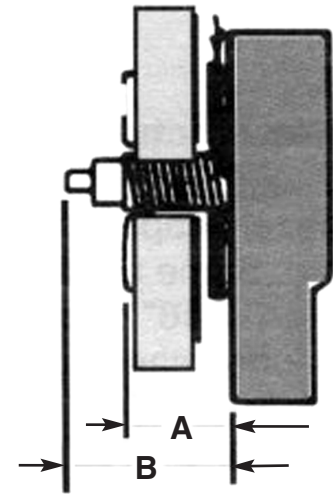


Clock Kit Instructions

Measure Movement Hand Shaft Length

The overall measurement of the hand shaft (B) is important when you are using a glass front on your clock. You must allow sufficient clearance in order for the hands to operate properly. The overall length is measured from the tip of the hand shaft to the case of the movement (B). Allow an additional 1/8" for cap nut or sweep second hand. The threaded portion of the hand shaft (A) is the part of the shaft which will secure your movement to the dial plate or wood. Measure the thickness of the material which the shaft must go through. Allow an additional 1/8" for mounting hardware.



Assemble A Quartz Movement, Dial & Hands Together

- Mount hanger onto movement (unless hanger is built into case or hanger is not required.)
- Use rubber spacer gasket between movement and dial to hold movement in position without having to over tighten the hex nut.
- Place a brass washer between the dial and the hex nut to prevent the nut from marring the dial as you tighten it down.
- Tighten the nut down only enough to hold the movement firmly in position. If the movement can rotate in your clock case, timekeeping, chime sequencing and pendulum swing will be affected.
- Temporarily place the minute hand over the "1" shaft as illustrated and rotate the hand clockwise until it is pointing at the "12" on the dial. Lift the hand off.
- Choose any number on your dial (9:00 is illustrated) to align the hour hand with. Very carefully press the hour hand straight down onto the tapered, friction-fit hour shaft until the hand is firmly in place. In the event that the hour hand is not perfectly aligned with the number on the dial that you have chose, **DO NOT** try to rotate the hand hub on the tapered shaft. Lift the hand straight off. Realign the tip of the hand with the number and press the hand on correctly. This procedure is very important when you are mounting hands on chiming movements.
- When you have the hour hand mounted, carefully remount the minute hand at 12:00. While holding the tip of the minute hand between your thumb and forefinger at the 12:00 position, thread on either the closed nut (if no second hand is being used) or the open nut (if second hand is being used).
- Press the stem of the second hand down over the tiny second hand pin shaft that protrudes up through the center of the minute hand shaft.
- Insert the appropriate battery into your movement (observing +/- polarity marking) and set the correct time with the hand set knob, located in the back of the movement.
- Make certain there is clearance between the hands. Also make sure there is clearance between the hands and the dial, as well as any glass cover in front of the dial.

