# HOWARD MILLER®

# 615088 FLOOR CLOCK SETUP and OPERATING INSTRUCTIONS

# **CLOCK SET UP INSTRUCTIONS**

- 1. Move the clock body and base close to its final location for assembly and set up. Turn the base over and adjust the four adjustable floor levelers all the way in/up by turning clockwise (Figure 1).
- Turn the base over and place on the floor. Remove the four bolts and washers installed in the base mounting bracket (Figure 2). Have 1-2 people assist with lifting the clock body and placing it in the bracket on the base (Figure 2). On the back side, install and tighten the four bolts and washers in the base mounting bracket (Figure 3 & 4). Make sure the clock is positioned firmly on the floor. Adjust levelers (counter-clockwise) as needed to level the clock.

WARNING: ENSURE CLOCK IS POSITIONED SQUARE AND FIRM ON THE FLOOR SO THAT IT WILL NOT FALL OVER.

3. Access the clock's quartz movement through the back access panel (Figure 5 and 6). Loosen the knob by turning counter-clock wise. Be sure to hold the back panel in place as the knob is loosened. Gently pull on back access panel to release from magnetic catches. Replace this panel after set up is complete, and tighten the knob to hold it in position.

WARNING: KEEP PLASTIC BAGS AND SMALL PARTS AWAY FROM CHILDREN.

# QUARTZ MOVEMENT INSTRUCTIONS

### SETTING THE TIME

- 1. The pendulum driver lifts up to access the quartz movement located behind it (Figure 6).
- 2. Install one "AA" size alkaline battery according to the +/- symbols in the battery holder (Figure 7). Do not install the batteries on the Pendulum Drive motor at this time.
- 3. Set the time by using the Time Setting dial (Figure 7) to rotate the hands to the correct time.



#### PENDULUM SET-UP

- 1. Be sure the pendulum driver is aligned vertically inside the clock (Figure 6). The pendulum swing will be affected if the driver is not vertical.
- 2. To align the driver, loosen the two mounting screws located at the top. Align the driver vertically and tighten the mounting screws (Figure 8).
- 3. Release the Pendulum Guide from the Transport-Locking Pin (Figure 9) by gently pushing it sideways, allowing the guide to hang freely.
- 4. Hang the pendulum by the hook (Figure 10) on the pendulum guide. (Figure 11).
- 5. The pendulum hook must fit snug on the pendulum guide to prevent wobbling, erratic movement. The hook can be crimped with a pliers if necessary (Figures 11 & 12).
- 6. Install two "D" size alkaline battery for pendulum drive. (Figure 9)
- 7. Start the pendulum by moving it to the far left of center and release it to swing.
- 8. Let the clock operate a few minutes until the pendulum settles into an even swinging motion.

### **BATTERY REPLACEMENT**

If the clock begins to lose time or pendulum does not swing, this is a sign of weak or exhausted batteries. Replace with new alkaline batteries.







Figure 10

Pendulum Guide

Transport Locking Pin

Figure 9