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TITLE: Setting/Verifying the 12:00 (Home) Position on AllSync Plus Clocks with DCF Movement

INSTRUCTION SHEET: 1935

REVISION: 02

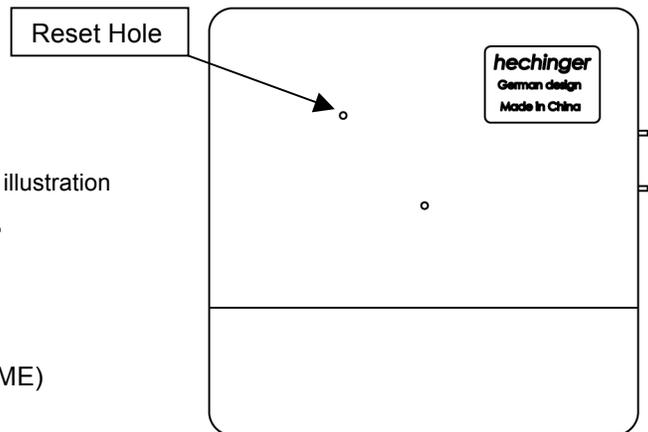
EFFECTIVE DATES: 05-2012 to present

If the hands on your AllSync Plus clock are consistently off a few minutes from your master, your hands have moved from their home position. This could have been caused by rough handling when the clocks were shipped to you, by the clock being dropped or if the hands have been manually moved. To verify that your hands are in the correct “home” position, follow the steps below.

Warning: To prevent electrical shock, cover circuit board inside dust cover with non-conducting material while dust cover is separated from clock back.

SETTING/VERIFYING THE 12:00 (HOME) POSITION:

1. Remove the two nuts holding dustcover on
2. Lift dustcover up and unplug wires going into side of movement
3. Wait 10 seconds and verify the clock has stopped
4. Plug wires back into side of movement, yellow & green wires up
5. Using a paper clip, insert the end into the reset hole as shown in illustration
6. Clock will fast run to 12:00 and stop
7. If hands are off, remove and re-position, see “Positioning Hands”
8. If hands are on 12:00, hand position is o.k.
9. Re-install dustcover
10. Plug clock back in



POSITIONING HANDS: (“SETTING/VERIFYING THE 12:00 (HOME) POSITION” must be done first)

1. Unplug clock
2. For plastic clocks hold the case with your hands at the 03:00 and 09:00 position and squeeze until the lens pops out
3. For metal clocks loosen the screws on the bezel clips and remove clock/backplate from the bezel
4. If the sweep hand is off, pull the sweep straight off and re-align to the 12:00 position
5. If the minute hand is off, gently reset to the 12:00 position. (Note: the sweep hand may move when you move the minute hand, this is o.k.)
6. If the hour hand is off you may have a different problem, call American Time for assistance before trying the realign
7. Replace the lens on plastic clocks and replace clock/backplate on metal clocks
8. Reinstall dustcover
9. Plug clock back in



After the AC power is installed, the sweep hand should start to tick in about 10 seconds. The sweep will tick once every 2-3 seconds. The clock should start to correct about 5 minutes later and may take up to 15 minutes to correct to the time on your master.