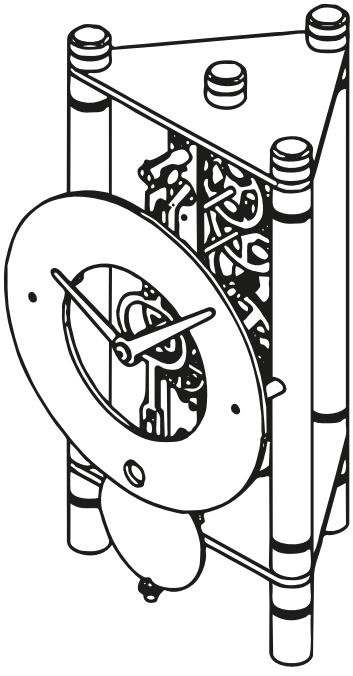


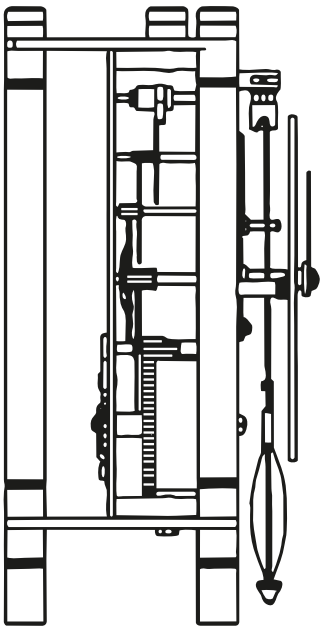
LAKIN KIT

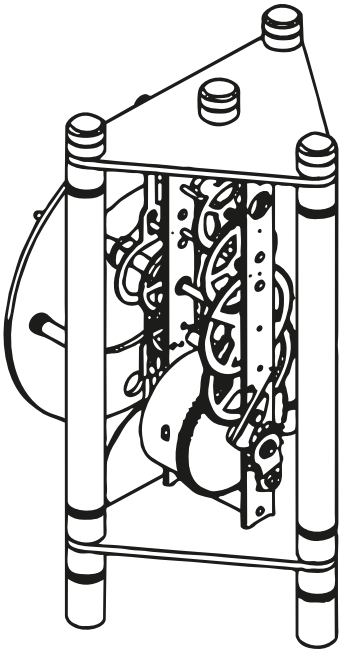
Build Instructions

Hermle

Item no. 374041







Welcome! Before you start assembling the Lakin clock, please check that all parts of the kit are present. The diagram below will help you identify all the parts included in your clock kit. If you have any questions, please contact:

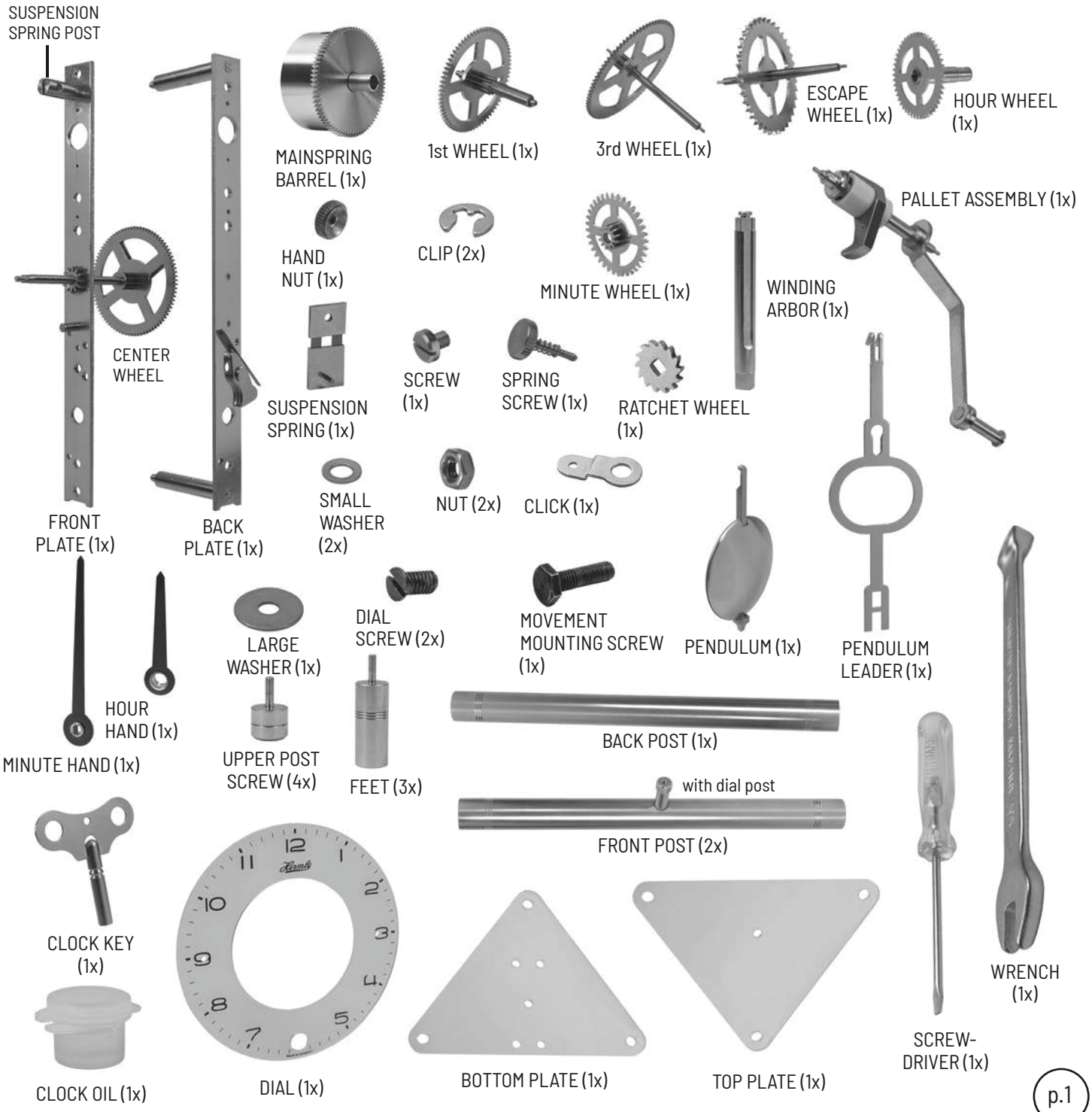
Hermle Drehteile und Uhren GmbH & Co. KG
Mühlstraße 3, 78564 Reichenbach, Germany

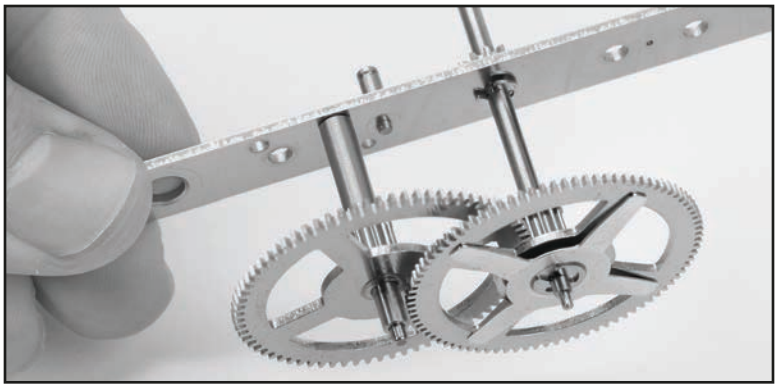
Rudolf Flume Technik
Hachestraße 66, 45127 Essen, Germany

WATCH A VIDEO OF THESE INSTRUCTIONS!

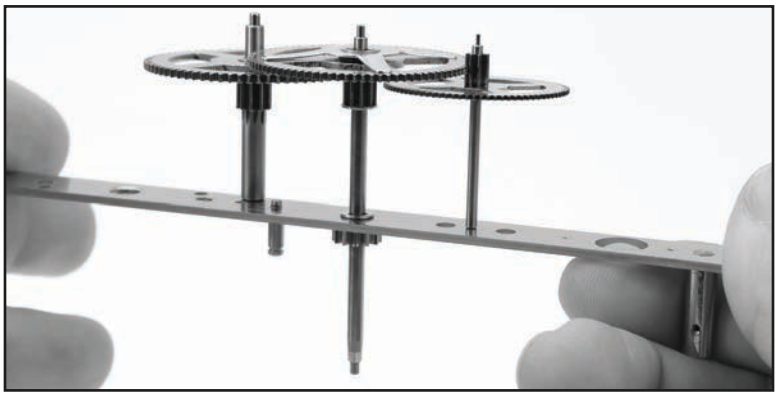
SCAN QR CODE

GO TO: *hermleclock.com/pages/lakin-kit-instructions*

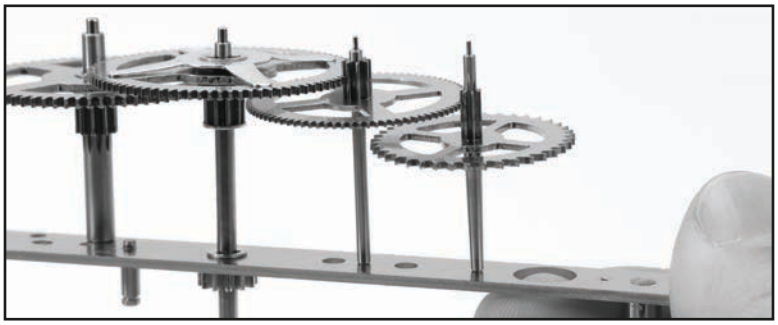




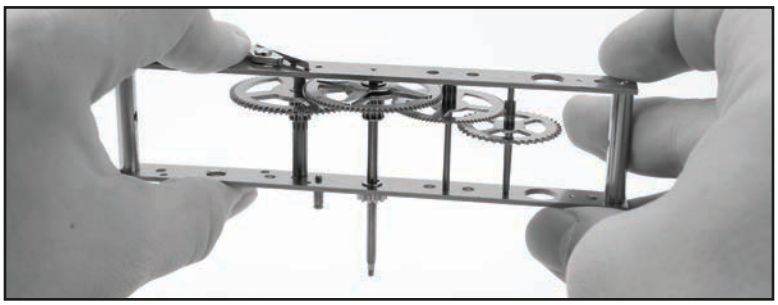
STEP 1. Take the front plate and hold it with the center wheel facing you. Fit the 1st wheel into the uppermost hole to the left of the center wheel. The 1st wheel must mesh with the pinion of the center wheel.



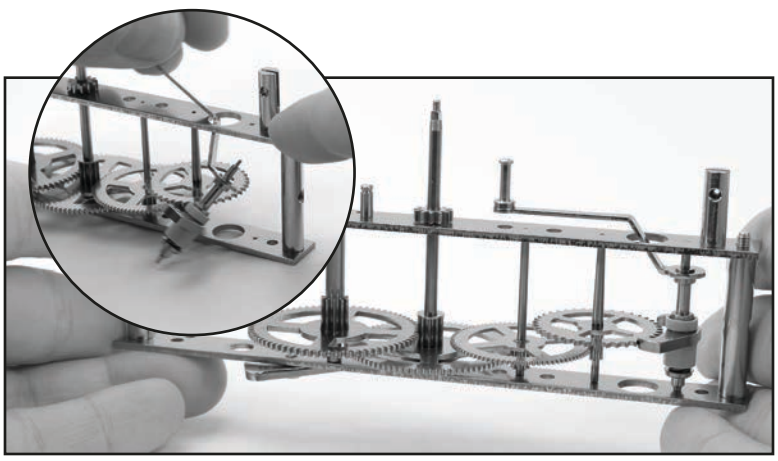
STEP 2. Fit the 3rd wheel into the small pivot hole to the right of the center wheel.



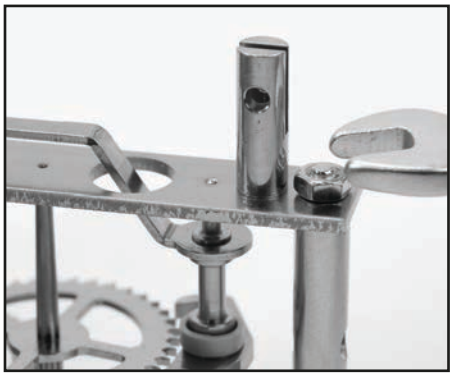
STEP 3. Fit the escape wheel into the pivot hole to the right of the 3rd wheel. Make sure the escape wheel pinion meshes with the 3rd wheel.



STEP 4. Place the back plate onto the corresponding holes of the front plate. Go slowly so that all wheel pivots find their pivot holes. When everything is aligned correctly, the parts sit firmly together with no gaps.

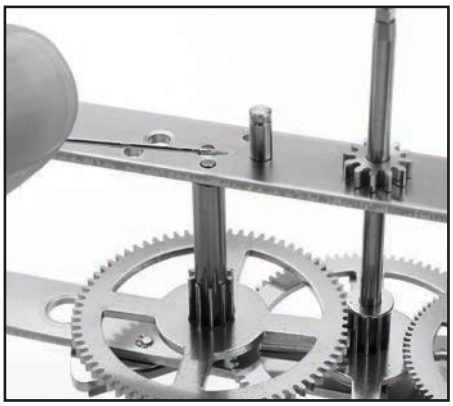


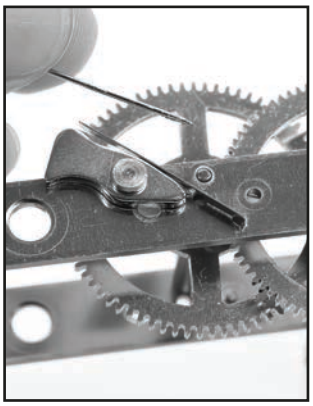
STEP 5. The pallet assembly is inserted through the largest hole in the front plate. Angle the crutch through the hole and set the pivots into the pivot holes of the front and back plates. To do this, you will need to separate the two plates slightly. Watch the other wheels, as they can slip out of place during this step.



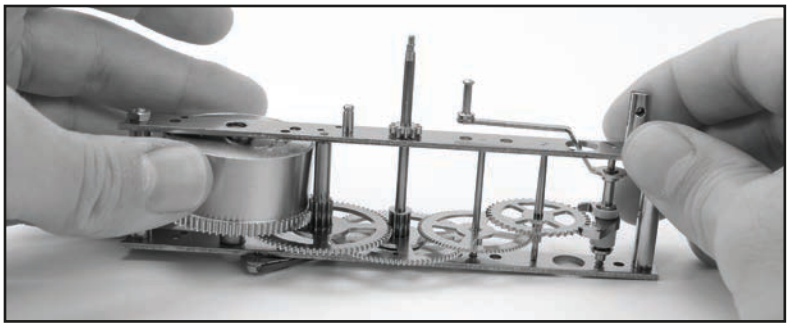


STEP 6. Once the front and back plates are correctly fitted and aligned, screw the two nuts onto the threads at the top and bottom of the movement and tighten them with the wrench provided.

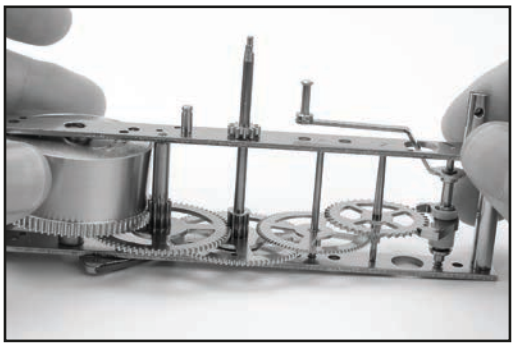




STEP 7. Using a toothpick or a safety pin, apply a small drop of clock oil to each pivot hole in the plates. Do not oil the pallets.

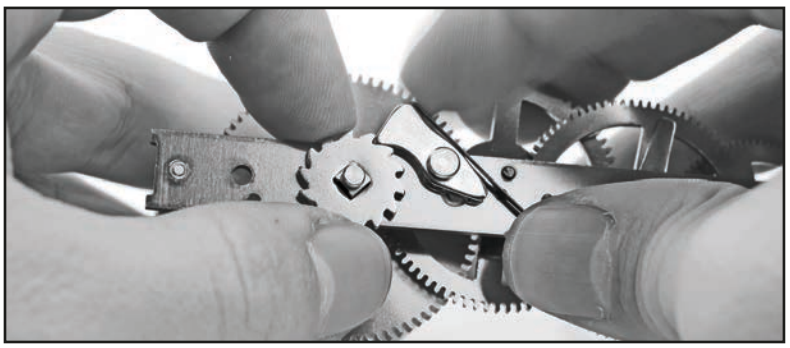


STEP 8. Lay the movement on the back plate and fit the mainspring barrel with the silver side (steel barrel cover) facing up. Make sure it meshes with the 1st wheel. Also apply a small drop of oil to the bearing of the barrel.

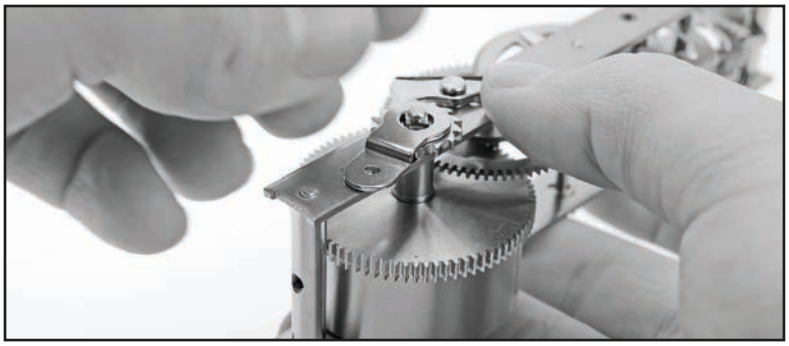




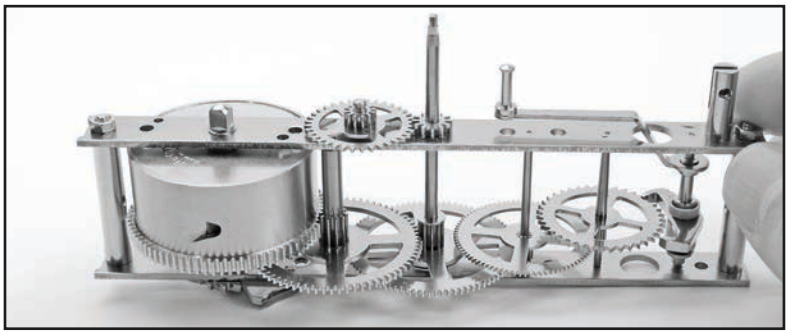
STEP 9. Insert the winding arbor through the barrel. The slot in the winding arbor must line up with the tab inside the barrel.



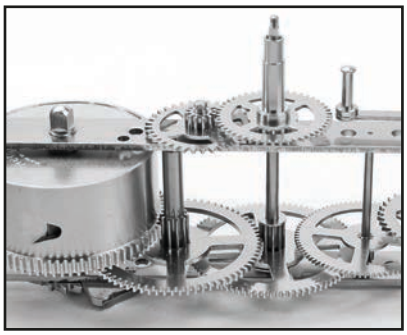
STEP 10. Fit the ratchet wheel onto the end of the winding arbor that protrudes from the back of the movement. Viewed from the back of the movement, the teeth must point clockwise.



STEP 11. The click fits over the ratchet wheel. Fasten it with a screw on the side touching the back plate, and with a clip on the end of the winding arbor protruding above the ratchet wheel.

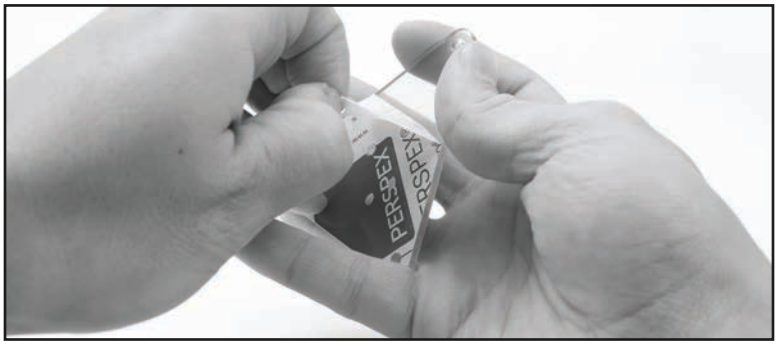


STEP 12. Turn the movement over and fit the minute wheel onto the post next to the center arbor.



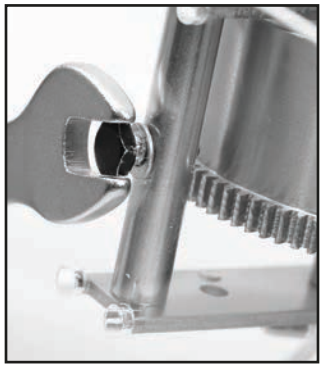


STEP 13. Fit the hour wheel onto the center arbor. Place the large washer onto the post protruding from the minute wheel and secure it with a clip.

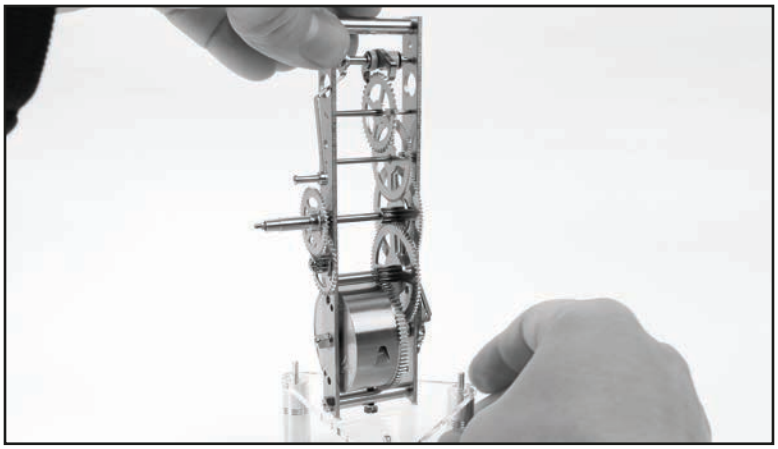


STEP 14. Take the acrylic bottom plate and peel off the protective films. Position the movement with the barrel at the bottom and the ratchet wheel facing the pointed corner of the bottom plate.

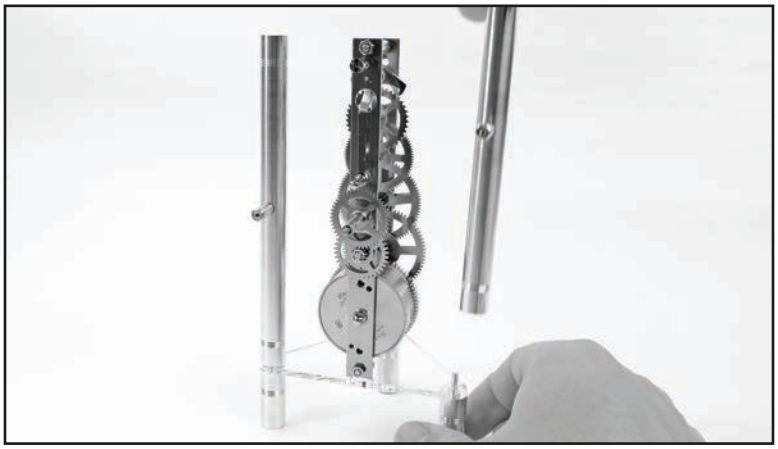




STEP 15. Place a small washer between the movement pillar and the bottom plate. Fasten the bottom plate with the small black movement mounting screw. Do not overtighten, or the acrylic may crack.



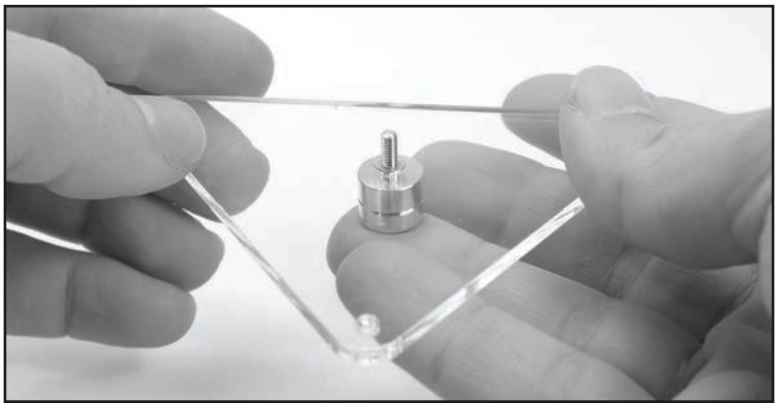
STEP 16. Stand the assembly upright on the three feet.



STEP 17. Screw on the front posts, making sure the small screw mounts face outward.



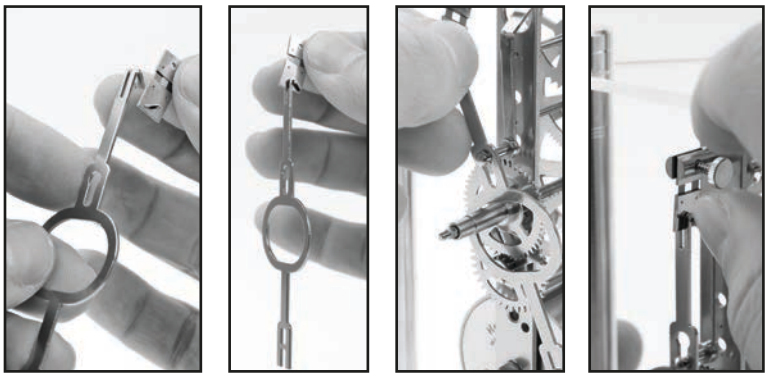
STEP 18. Screw on the back post.



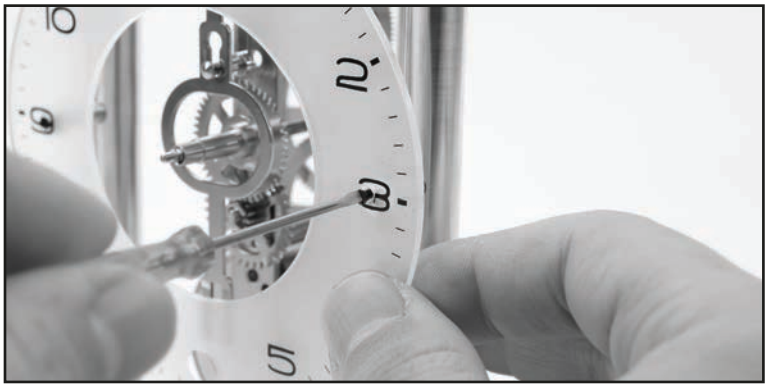
STEP 19. Peel the protective films off the top plate. Insert one upper post screw into the center hole and fit a small washer onto the protruding screw. Fasten this assembly to the clock, making sure the top plate is aligned the same way as the bottom plate.



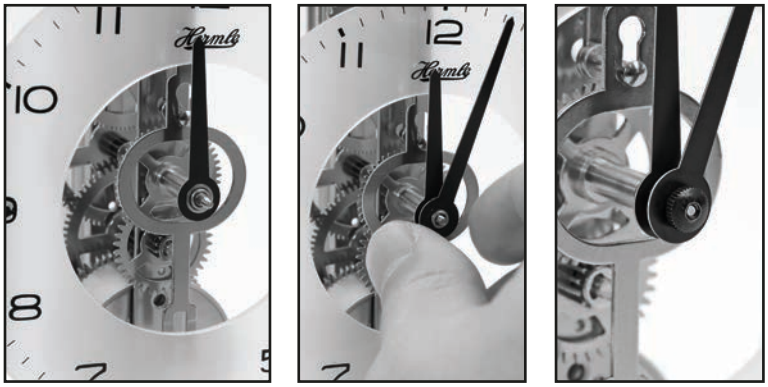
STEP 20. Use the remaining 3 upper post screws to fasten the top plate fully in place.



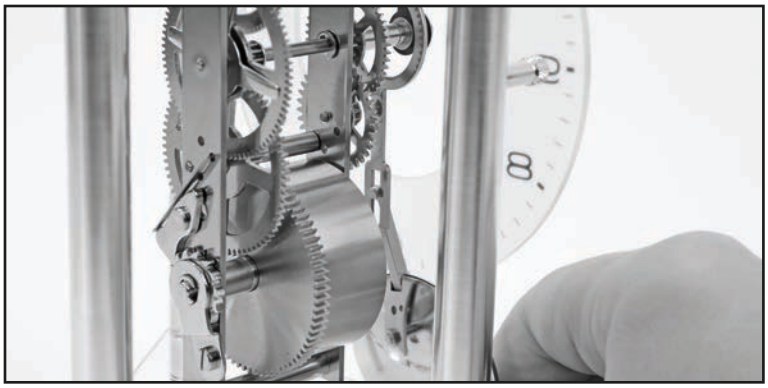
STEP 21. Hook the pendulum leader onto the suspension spring. Carefully align the hole in the leader with the pin on the crutch. Use the spring screw to fasten the suspension spring in the slot of the post at the top of the clock.



STEP 22. Peel the protective films off the dial. Using the screwdriver provided and the small black screws, attach the dial to the screw mounts on the front posts. Do not overtighten.

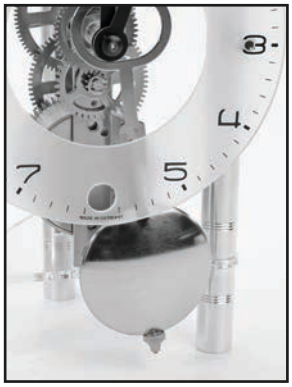


STEP 23. Place the hour hand on the center arbor, followed by the minute hand. Fasten both with the hand nut.



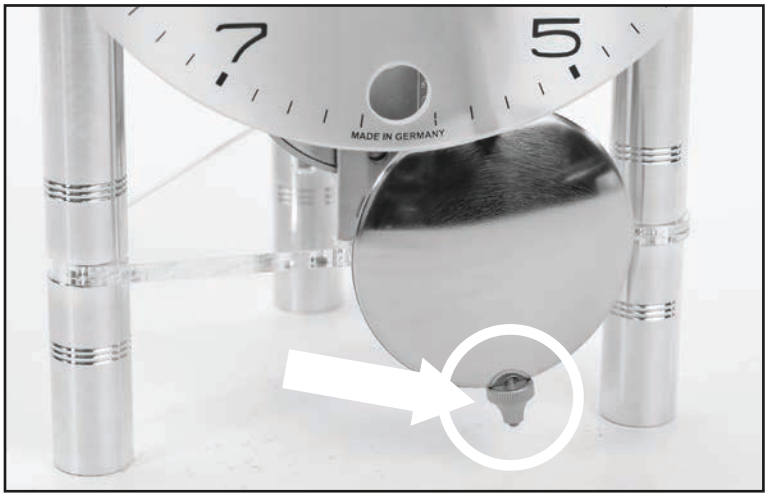
STEP 24. Remove the protective films from the pendulum and hang it on the lower end of the leader (behind the dial).





STEP 25. Wind the clock with the key provided and give the pendulum a swing.

Important: Please read the **notes on p.8** before starting the clock.



OPTIONAL. Once your clock is running, observe it for several hours to check that it keeps correct time. **Use this adjustment ONLY if your clock is not keeping correct time.**

To regulate the rate, turn the nut at the bottom of the pendulum. This raises or lowers the pendulum bob. Turn the nut **to the left to make the clock run slower** and **to the right to make it run faster**.

WATCH A VIDEO OF THESE INSTRUCTIONS!

SCAN QR CODE

GO TO: *hermleclock.com/pages/lakin-kit-instructions*

Hermle

If you have any questions, please contact:

Hermle Drehteile und Uhren GmbH & Co. KG
Mühlstraße 3, 78564 Reichenbach, Germany

Rudolf Flume Technik
Hachestraße 66, 45127 Essen, Germany

IMPORTANT ASSEMBLY NOTES

1. FEET AND POSTS (STEPS 16–18)

Place the three feet against the underside of the bottom plate. The front posts and the back post are then screwed onto the feet from above, through the bottom plate.

2. OILING (STEPS 7 AND 8)

Oil only the pivot holes in the plates and the bearing of the mainspring barrel – one small drop each. **Do not oil the pallets:** because the clock is very open, oil there would mainly attract dust.

3. WINDING (STEP 25)

The clock has an **8-day movement**. Wind it **clockwise**, approx. **4.5 to 5 full turns**. Never force the key beyond the point of noticeable resistance. It is best to wind the clock once a week, always on the same day.

4. SETTING THE HANDS (STEP 23)

As the clock has no strike, the position of the hands when fitting them does not matter. After fitting, check that the hour and minute hands match each other. If not, the hour hand can simply be turned slightly while fitted.

5. BEAT AND POSITIONING

The clock has a **self-adjusting beat**: an even tick-tock sets itself automatically when the pendulum is started, so there is no need to adjust the crutch. Place the clock on a level surface so that the pendulum does not touch the dial or the bottom plate.

6. REGULATING THE RATE

Turn the nut on the pendulum **to the right** = pendulum bob rises = **clock runs faster**. Turn the nut **to the left** = pendulum bob lowers = **clock runs slower**. Always adjust in small steps and then observe the rate for one day.

7. RETAINING CLIPS (STEPS 11 AND 13)

It is best to fit the small clips with tweezers and press them on carefully. Work on a light-colored surface so that any small parts you drop are easy to find.

If you have any questions, please contact **Rudolf Flume Technik**, Hachestraße 66, 45127 Essen, Germany, or **Hermle Drehteile und Uhren GmbH & Co. KG**, Mühlstraße 3, 78564 Reichenbach, Germany.