



ARNOLD & SON

1764

Instruction booklet

CONSTANT FORCE TOURBILLON 11

Cal. A&S5219

CONSTANT FORCE TOURBILLON 11

Thank you for choosing Arnold & Son. We are proud to count you as an owner of our Constant Force Tourbillon 11.

Arnold & Son is named after the famous 18th-century English watchmaker John Arnold. The golden age of maritime exploration and discovery propelled watchmaking towards a new ideal of accuracy necessary for astronavigation, which was used to determine longitude at sea, i.e. the difference between the local time indicated by the position of the sun and the Greenwich Mean Time read off from an onboard marine chronometer. By comparing the difference in time provided by these two variables, sailors could calculate the distance separating them from the Greenwich meridian and thus their easterly or westerly position. Astronomy, chronometry and what we now call 'world time' are thus inextricably linked to the same quest for precision to which John Arnold and his son, John Roger Arnold, devoted their lives, their art and their ingenuity.

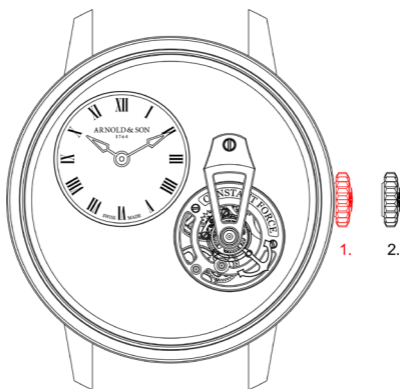
As a result, these three principles—Astronomy, Chronometry, and World Time—are all embodied in Arnold & Son's contemporary timepieces. Echoing John Arnold's inventions and pursuits, they constitute the foundations on which the brand's collections are built.

WINDING

Your watch is equipped with a manual winding mechanism. The movement can be wound by turning the crown when it is in its winding position 1.

We suggest you wind your watch at the latest every 100 hours to provide the power required to operate for the next 100 hours. This will keep your watch in a state of constant and accurate operation.

If your watch has stopped, you will need to wind the crown approximately 110 times to fully wind it up.



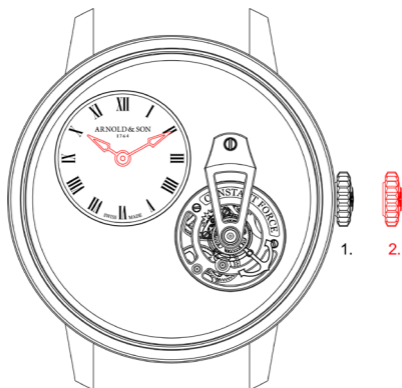
Note: stop immediately when you feel winding resistance; the movement is fully wound.

SETTING

Your Constant Force Tourbillon 11 indicates hours and minutes on the subdial, while the anchor on top of the one-minute tourbillon indicates the true beat seconds.

Time:

To set the time (hours and minutes hands), pull the crown to position 2 and turn it clockwise or anticlockwise until the desired time is shown.



Note: Remember to push the crown back into position 1 once you have set the time. This will ensure that your watch remains water-resistant.

MOVEMENT

Your Constant Force Tourbillon 11 is equipped with the A&S5219 manual winding calibre. It indicates the hours, minutes and true beat seconds. The movement boasts a constant force mechanism coupled with a one-minute tourbillon.

Technical characteristics:

- Calibre : A&S5219, constant force mechanism, one-minute tourbillon, mechanical with manual winding
- Functions: hours, minutes, true beat seconds
- Jewels : 35
- Diameter : 33.00 mm
- Thickness : 7.10 mm
- Thickness including tourbillon's upper bridge : 10.48 mm
- Power reserve : approx.100 hours
- Frequency : 3Hz (21,600 vibrations per hour)
- Adjusted in five positions

WATER-RESISTANCE

Your watch is guaranteed to be water-resistant to 3 ATM. This means that its ability to withstand pressure when immersed at a depth of 30 metres has been verified. Leather straps are not suitable for water sports.

If your watch comes into contact with seawater, clean it thoroughly using fresh water and a little soap, rinse it, and then dry it using a soft cloth. The water-resistance of your watch can be affected by impacts (falls, etc.) and aggressive substances (acids, perfumes, cosmetics, liquid metals, etc.).

We strongly recommend having the water-resistance of your watch checked once a year, or following an impact, to guarantee that its original water-resistance properties remain intact. If water penetrates the case or if you notice any signs of humidity, please take your watch to a certified Arnold & Son sales or after-sales partner as soon as possible.

MAINTENANCE

Your watch features a mechanical movement that requires adequate care and maintenance. It should be protected from violent impacts.

The movement powering your watch must be serviced at regular intervals because oils change in viscosity over time, which can both impede its smooth operation and speed up wear and tear.

We therefore recommend that you have your watch fully serviced by a certified Arnold & Son after-sales service centre every four to five years to ensure it continues to function correctly. Only authorised service centres are sufficiently qualified to service your watch.

Arnold & Son

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