



MICRO-ROTOR
NATURAL ESCAPEMENT
CALIBRE FBN229.01

- OPERATING INSTRUCTIONS -
- ENGLISH -

MICRO-ROTOR
NATURAL ESCAPEMENT
CALIBRE FBN229.01

Micro-Rotor with double direct-impulse escapement fitted directly on the balance, or natural escapement according to Abraham-Louis Breguet.

This calibre which is automatically wound by an off-centred micro-rotor stems from an exclusive development inspired by Abraham-Louis Breguet's "natural" escapement".

The automatic winding system was invented in the late 18th century and takes advantage of the watch wearer's arm movements to wind the barrel spring and thus store up the energy required to run the mechanism. The device has been constantly used and enhanced ever since.

This exclusive movement cultivates this distinction by featuring three exclusive characteristics:

- a micro-rotor pawl-fitted automatic winding system fixed between the main plate and the micro-rotor bridge; this type of pawl mechanism is closer to that used in traditional horology and is above all more efficient over the long term;
- a silicon escapement with double direct impulse on the balance;
- a silent block shock protection system for the micro-rotor.

This modern construction, combined with the use of cutting-edge materials, maximises the restitution of energy. Its excellent efficiency guarantees the balance a substantial amplitude, thereby reducing the mechanical force required to wind the barrel-spring. This winding device is off-centred and is fixed directly between the mainplate and its upper bridge in order to ensure maximum stability compared with a conventional micro-rotor.

The harmonious construction and the technical performances of your timepiece are part of the global approach to all parts of the movement aimed at optimising energy management – the ultimate goal being to improve user-friendliness by means of the most effective possible automatic movement winding.

OPERATING INSTRUCTIONS

Operating the watch:

Your timepiece is equipped with a mechanical pawl-fitted micro-rotor self-winding movement and has an 72-hour power reserve.

Special attention has been devoted to the winding system, which is equipped with a winding-mechanism pull-out piece lever and a ball-shaped winding crown ensuring smoother handling.

Crown:

Position 1: normal running and manual-winding position.

Position 2: position for correcting the hours and minutes.



- 1 Winding.
- 2 Setting the hours and minutes.

Please wind your timepiece and then set the hours and minutes.

Push the crown back into position 1 after each time-setting operation.

TIPS ON USE AND MAINTENANCE

Your LAURENT FERRIER timepiece is a sophisticated precision instrument operating permanently and under a wide range of conditions. Like any high-precision instrument, it requires regular maintenance, as well as particular attention in terms of its use.

Maintenance :

Given the complexity of LAURENT FERRIER movements and to ensure correct application of the warranty, any handling of the watch must be undertaken exclusively by the LAURENT FERRIER workshop.

We thereby request that you send your watch to LAURENT FERRIER SA or contact aftersales@laurentferrier.ch.

It is difficult to determine the exact frequency of maintenance services, since it depends on the model, the climate as well as the conditions of use. Nonetheless, LAURENT FERRIER recommends a complete overhaul of its models about every four to five years.

LAURENT FERRIER offers two main types of maintenance service:

Standard maintenance service:

The frequency of this operation largely depends on the use of your watch in aquatic surroundings (see the chapter on Water-Resistance). It comprises:

- Cleaning and lubricating the escapement and the balance;
- Checking the movement operating parameters and the watch functions;
- Cleaning the case;
- Replacing all joints, water-resistance test.

Complete overhaul:

Overhaul to be made every 5 years for a well-timed timepiece. It comprises:

- Movement overhaul;
- Taking apart and cleaning components, replacing worn parts;
- Assembling, lubricating, adjusting and rating;
- Refurbishing the case;
- Replacing all joints, water-resistance test.

Water-resistance :

Currently, all LAURENT FERRIER watches are designed to withstand pressure corresponding to a depth of 30 metres. While it is possible to swim with a water-resistant watch, it nonetheless must not be used for jumping off a diving board or for water sports involving significant risks of impacts. In case of intensive aquatic use, we recommend having the water-resistance of your watch tested once a year. In case of occasional use in such situations, this operation should be performed every two years.

Leather straps :

The leather strap of your LAURENT FERRIER watch is crafted from the most refined materials and represents a high-quality product. In order to preserve your strap from premature ageing, we recommend that you comply with the following instructions:

- Avoid prolonged exposure to sunshine so as to avoid your strap fading;
- Leather straps are not suited to aquatic activities. We thus recommend avoiding contact with water and damp so as to prevent them from becoming distorted or discoloured;
- Leather is permeable by nature, so avoid contact with oily substances or cosmetics.

A leather strap lasts an estimated 12 months, although this varies according to the user's lifestyle. If you encounter a problem with your leather strap, contact your nearest LAURENT FERRIER retailer.

Special recommendations :

What should I do to ensure that my LAURENT FERRIER watch continues to serve me well for many years to come ?

- Avoid impacts and crushing;
- Avoid placing your watch on loudspeakers or refrigerators, since they generate powerful magnetic fields;
- For water-resistant watches, after each immersion in salt water, it is advisable to rinse the case carefully in warm water;
- In order to preserve the radiance of your water-resistant watch, we recommend using a toothbrush soaked in soapy water and then rinsing carefully in fresh water;
- Always push the crown carefully back against the side of the case so as not to compromise the water-resistance of the watch;
- Avoid exposing your watch to extreme temperatures or to sudden changes in temperature;
- For a well-timed timepiece, please wind it on a regular basis.

TERMS OF GUARANTEE

INTERNATIONAL GUARANTEE

The following terms of the LAURENT FERRIER International Guarantee apply exclusively to watches sold or represented for guarantee-covered repair in any country, with the exception of the United States of America and Canada. For these two countries, kindly refer to the Limited Warranty.

As of the date of purchase, LAURENT FERRIER SA grants you a guarantee of which the exact duration appears on your certificate, subject to the conditions stipulated in the present guarantee.

Any part found to be flawed as a result of a manufacturing defect existing at the time of the delivery of the LAURENT FERRIER watch purchased and duly observed by our technical department will, at the sole discretion of LAURENT FERRIER, be either repaired or replaced free of charge.

The International Guarantee comes into force only if the Certificate of Authenticity and Guarantee is duly filled in, dated, correctly stamped and signed by the official LAURENT FERRIER retailer who sold you your watch. Any modification, transformation or alteration of this Certificate once it is established shall render it invalid.

If your LAURENT FERRIER watch cannot be restored to normal running order by repairs, LAURENT FERRIER SA undertakes to replace it by an identical LAURENT FERRIER watch or one with similar characteristics.

This warranty does not cover :

- Normal wear and tear and aging (such as scratches on the glass, fading of the colour and/or material of the straps);
- Leather straps;
- Damage to any part of the watch stemming from improper or abusive use, lack of due care, negligence, accidents (impacts, bumps, crushing, breakage of the glass, excessive temperatures, powerful magnetic fields, etc.), from the incorrect use of the watch as well as from any failure to follow the operating instructions supplied by LAURENT FERRIER SA, whether by the purchaser or by another person;
- Theft, loss and acts of God ;
- Any damage resulting from negligence or inappropriate treatment of the watch (for example violent shocks, excessive temperatures, powerful magnetic fields), or damage resulting from accidents or natural disasters ;
- Loss of water-resistance beyond two years after the date of purchase;
- Any handling by a non-authorized person (such as for servicing or repairs) or if the original state of the watch has been altered outside the control of LAURENT FERRIER SA, any handling must be performed solely in the LAURENT FERRIER workshops located consequential or incidental damage due to the above-mentioned circumstances;
- Incidental damage due to product flaws.

Any other claims in respect to LAURENT FERRIER SA, such as for damages in addition to those set forth in the present warranty, are expressly excluded, apart from any statutory rights that the purchaser may exercise in respect to the manufacturer.

This manufacturer guarantee :

- Is independent of any warranty that may be provided by the seller and for which he is solely liable ;
- Does not in any way affect the buyer's rights vis-à-vis the seller nor any other statutory right that he might have in regard to the latter.

The LAURENT FERRIER customer care service ensures perfect maintenance of your watch. If your watch were to require special care, return it along with its Certificate of Authenticity and Guarantee to the workshop LAURENT FERRIER.

LAURENT FERRIER SA
AFTERSALES@LAURENTFERRIER.CH

TERMS OF GUARANTEE

LIMITED GUARANTEE

Your Limited Warranty applies only to products by the LAURENT FERRIER brand sold or presented for guarantee-covered repair in the United States of America or in Canada.

As of the date of purchase, LAURENT FERRIER SA grants you a guarantee of which the exact duration appears on your certificate, subject to the conditions stipulated in the present guarantee.

Any part found to be flawed as a result of a manufacturing defect existing at the time of the delivery of the LAURENT FERRIER watch purchased and duly observed by our technical department will, at the sole discretion of LAURENT FERRIER, be either repaired or replaced free of charge.

The Limited Warranty comes into force only if the Certificate of Authenticity and Warranty is duly filled in, dated, correctly stamped and signed by the official LAURENT FERRIER retailer who sold you your watch.

Any modification, transformation or alteration of this Certificate once it is established shall render it invalid.

If your LAURENT FERRIER watch cannot be restored to normal running order by repairs, LAURENT FERRIER SA undertakes to replace it by an identical LAURENT FERRIER watch or one with similar characteristics.

This warranty does not cover:

- Normal wear and tear and aging (such as scratches on the glass, fading of the colour and/or material of the straps);
- Damage to any part of the watch stemming from improper or abusive use, lack of due care, negligence, accidents (impacts, bumps, crushing, breakage of the glass, excessive temperatures, powerful magnetic fields, etc.), from the incorrect use of the watch as well as from any failure to follow the operating instructions supplied by LAURENT FERRIER SA, whether by the purchaser or by another person;
- Theft, loss and acts of God;
- Any damage resulting from negligence or inappropriate treatment of the watch (for example violent shocks, excessive temperatures, powerful magnetic fields), or damage resulting from accidents or natural disasters;
- Any handling by a non-authorized person (such as for servicing or repairs) or if the original state of the watch has been altered outside the control of LAURENT FERRIER SA, any handling must be performed solely in the LAURENT FERRIER workshops;
- Consequential or incidental damage due to the above-mentioned circumstances;
- Incidental damage due to product flaws;

Any other claims in respect to LAURENT FERRIER SA, such as for damages in addition to those set forth in the present warranty, are expressly excluded, apart from any statutory rights that the purchaser may exercise in respect to the manufacturer.

This manufacturer warranty:

- Is independent of any warranty that may be provided by the seller and for which he is solely liable;
- Does not in any way affect the buyer's rights vis-à-vis the seller nor any other statutory right that he might have in regard to the latter.

With the exception of any relevant provisions in the law currently in force, the present Limited Warranty shall be the exclusive manufacturer warranty. This Limited Warranty as well as any other expressly or implied warranties, including but not limited to any implied warranty of merchantability or of fitness for any particular purpose, is strictly limited to the exact duration appearing on your certificate and commencing with the date of purchase.

The responsibility of LAURENT FERRIER is exclusively confined to repairing or replacing on the terms implied by the present Limited Warranty. LAURENT FERRIER shall not be deemed liable, in accordance with the present Limited Warranty or in any other way, for any loss or damage following the use or the inability to use this watch nor for any indirect or accidental damage whatsoever, concerning your watch. Certain States, Provinces or Territories do not allow limitations on how long an implied warranty lasts, nor for the exclusion or limitation of incidental or indirect damage, the above-mentioned restrictions or exclusions may not apply to you.

The LAURENT FERRIER customer care service ensures perfect maintenance of your watch. If your watch were to require special care, return it along with its Certificate of Authenticity and Warranty to the LAURENT FERRIER workshop.

LAURENT FERRIER SA
AFTERSALES@LAURENTFERRIER.CH

