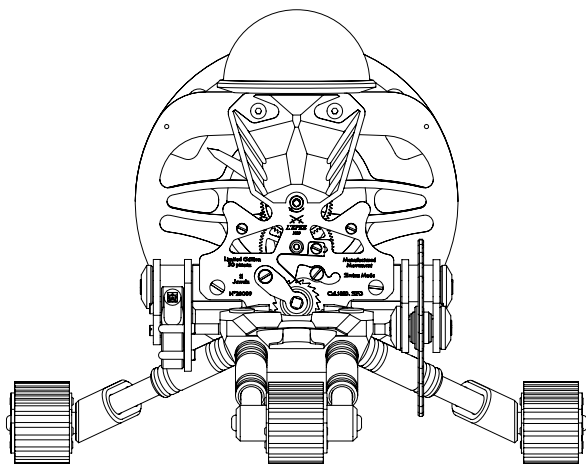


# GRANT

## USER INSTRUCTIONS



**M&F** + *L'ÉPÉE 1839*



## **CONGRATULATIONS**

You have just adopted Grant, one of the most advanced timepieces born from a partnership between La Manufacture L'Épée 1839 and MB&F.

Grant has been developed with passion and care by the Master Watchmakers of L'Épée 1839 in Delémont, Switzerland.



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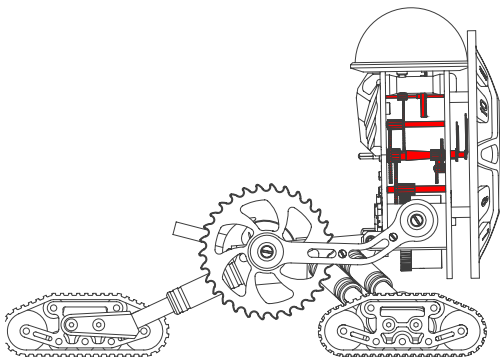
## IMPORTANT INFORMATION

Please, be very careful to never touch the movement of Grant either on the front, on the sides or on the back of the movement, except for the time adjustment and winding tips that can be touched with the winding key.

Furthermore, the movement should never be in contact with any liquids – even in vaporized form. If this occurs, the clock should be serviced immediately.

A simple contact with certain pieces can generate delays in timekeeping, which can only be solved by servicing. Fingerprints will also damage the coating so always wear gloves when manipulating the clock. Accidental fingerprints should be wiped off immediately.

On the following illustrations, the only parts which can be cleaned and touched with precaution are those outside of the zone coloured in red; in case of intrusions, a service will be needed.



## CARE AND MAINTENANCE

Use only a soft and dry cloth to clean the clock. Dust and particles contained in the cloth could scratch parts. Do not use any kind of cleaning products to clean the clock. It is recommended to keep the clock distant from any source of heat or vibrations. To preserve the longevity and functionality of Grant, do not permanently expose the clock to direct sunlight or in a humid/dusty place.

Our clocks are developed to ensure optimal accuracy and reliability. It is well accepted for a fine mechanical clock to have a few seconds' variation per day and our clocks are set so as not to delay. However if you should notice a bigger variation, please contact an authorised dealer who will advise you, or a L'Épée 1839 technical support centre which will proceed with the necessary adjustment.

As for all Horological pieces of art, it is recommended to periodically service your clock. A mechanical masterpiece requires fine oils for the lubrication of the movement. These oils deteriorate over the years. We therefore advise having the movement serviced every 3 to 5 years. Be aware that the optimal period between servicing times can vary depending on the surrounding environmental conditions.

It is recommended not to hold Grant only by one "arm", or by the top parts, but from underneath, with gloves – and with the thumb on the shield to hold it in place and ensure that it does not open accidentally while handling.

Do not roll Grant too quickly forward or backward; this could result in the caterpillar tracks disengaging from the rollers.

## A KINETIC SCULPTURE

Grant can transform into one of three different modes: lying horizontally over his chassis for a low profile; crouching at 45 degrees; or sitting up 90 degrees. In this way Grant's time shield can always be set to a comfortable and optimal viewing angle.

### OPENING

#### **How to transform Grant from one position to another:**

Hold the shield and lift it until you hear and see the pin of his left arm (the arm with the spinning disk) lock into its slot.

First slot: Grant's torso locks securely into place at 45 degrees.

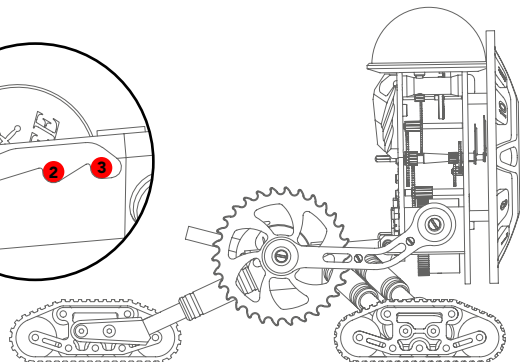
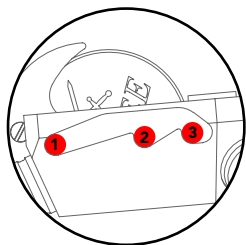
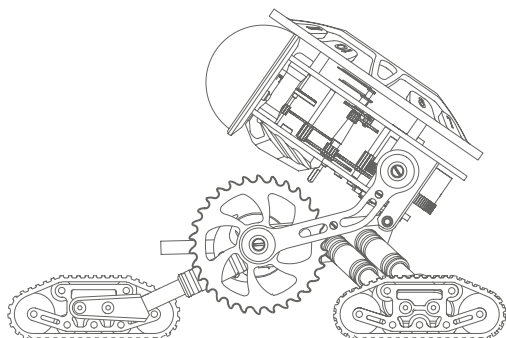
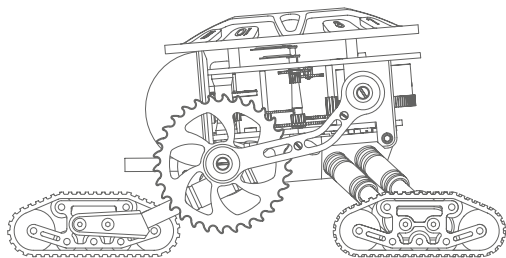
Second slot: Grant's torso sits up straight at 90 degrees to his chassis, with his shield now lying vertically along his back.

### CLOSING

#### **How to place Grant back into the flat position:**

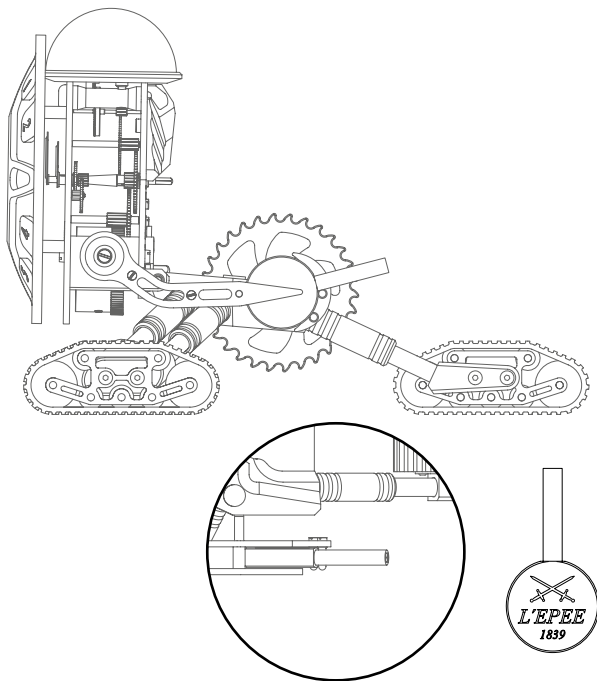
Hold the shield, lift his left arm (with the spinning disk) to unlock the position, and gently let the shield down. Release the arm for the intermediate position or continue to lift it until the flat position. In any case, when transforming Grant, never let go of the shield and allow it to drop: this could damage the balance wheel.





## THE WINDING AND TIME-SETTING KEY

The double-depth square socket key is located on Grant's right hand. When you need the key to set the time or wind the movement, pull it out gently from its resting position. When putting it back into place, be careful to not place it vertically: it could hit the movement when you move Grant since the key is not locked into place.

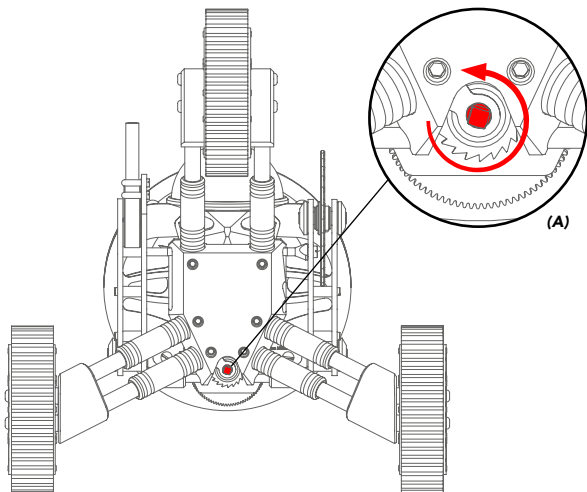


## WINDING THE MOVEMENT

Winding the movement can only be done when Grant is in the fully horizontal position.

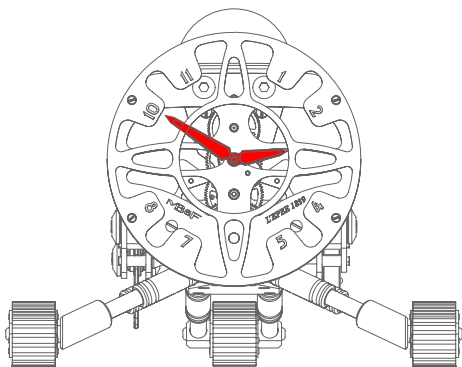
After placing Grant in the horizontal position, turn him over very carefully and insert the key in Point A. Wind the movement with anti-clockwise rotations.

The movement should be fully wound once a week (the clock's power reserve is 8 days). Be sure to wind up the spring completely: you will notice that the necessary force increases significantly, but do not wind further as this is the sign that the movement is fully wound. Excessive winding beyond this point will damage the spring, requiring servicing.

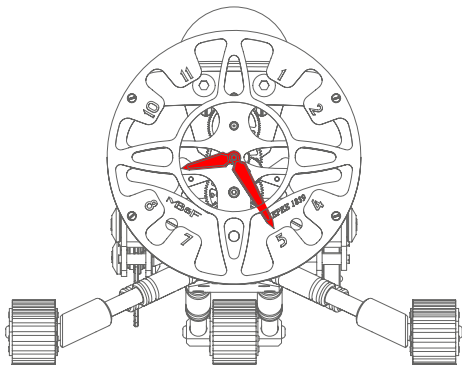


## READING THE TIME

The hours and minutes are indicated by two hands on the shield:



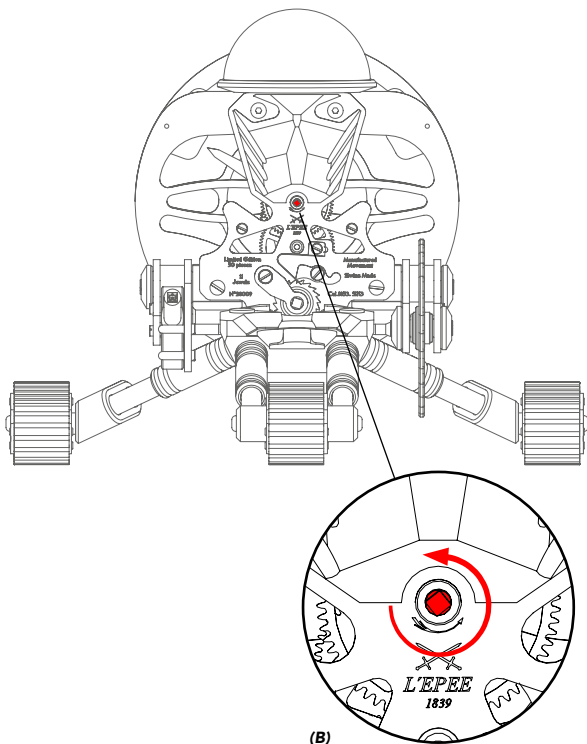
*In this example it is 02:50*



*In this example it is 08:25*

## SETTING THE TIME

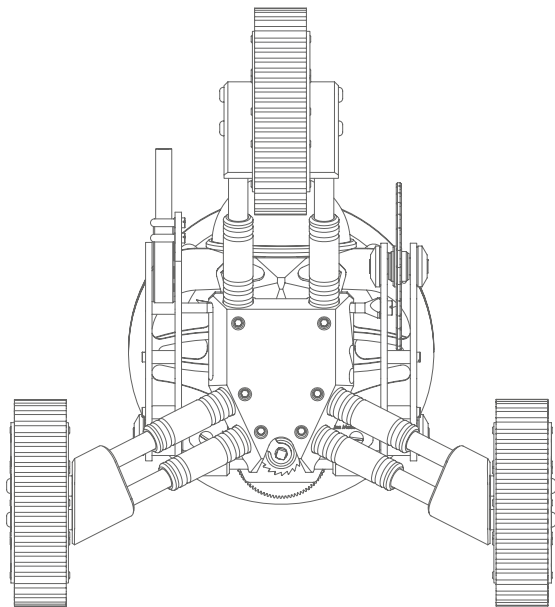
Place Grant in the fully upright position. Insert the key in point B on the diagram and turn the key anti-clockwise in order to set the time.



## THE THREE CATERPILLAR TRACKS

Do not push too hard or too fast on the top or back of Grant to move him forward or backward. A sharp turn could force the rear caterpillar tracks off the rollers.

If this happens, gently push Grant forward in a straight line and the caterpillar tracks should automatically return to their normal position on the rollers.



## **CLEANING THE CATERPILLAR TRACKS**

To clean the caterpillar tracks always use gloves. Remove the rear caterpillar tracks by placing your finger between the roller and the caterpillar track, and then gently pull it off. Clean it with soapy water and let it air dry.

To put it back on, stretch the caterpillar track between the two biggest rollers to place it approximately, and gently push Grant forward in a straight line; the caterpillar track should automatically return to its normal position on the rollers. Be aware that you can't remove the front caterpillar track. It is therefore recommended to clean it gently with just a small amount of soapy water.

**L'Épée 1839**  
**Manufacture Horlogère**

Rue St-Maurice 1 - P.O. Box 973  
2800 Delémont  
Switzerland  
Tel. +41 (0)32 421 94 00

After Sales Services:  
sav@swiza.ch  
Tel. +41 (0)32 421 94 05

[www.lepee1839.com](http://www.lepee1839.com)