# TECHNICAL GUIDE <br> \& <br> PARTS CATALOGUE 

Cal.VH31A

## ANALOGUE QUARTZ

SPECIFICATION

| Item | Cal. No. |
| :--- | :--- |


| Disassembling procedures Figs. (1) $\rightarrow$ (32) | Lubricating : Types of oil |  |  |
| :---: | :---: | :---: | :---: |
|  |  |  | A3a / Moebius 9010 |
|  |  |  | A2a / Moebius 9030 |
| Reassembling procedures Figs. (32) $\rightarrow$ (1) | Oil quantity | $\begin{aligned} & \infty \\ & o \infty \end{aligned}$ | Normal quantity Sufficient quantity |



| Disassembling procedures Figs. (1) $\rightarrow$ (32) <br> Reassembling procedures Figs. (32) $\rightarrow$ (1) | Lubricating : Types of oil |  |  |
| :---: | :---: | :---: | :---: |
|  |  |  | A3a / Moebius 9010 <br> A2a / Moebius 9030 |
|  | Oil quantity | $\begin{aligned} & \infty \\ & o \infty \end{aligned}$ | Normal quantity Sufficient quantity |


-The explanation here is only for the particular point of Cal.VH31A
REMARKS ON DISASSEMBLING AND REASSEMBLING
(1)Hand
-How to install hands:
Place the movement directly on a flat metal plate or such a hard plate when you install the hands.


Necessary procedure to setting hands:
(1)Set the dial.
(2)Install the hour and minute and second hands at the 12 o'clock position.
(2)Winding stem
-How to remove:
Pull out the winding stem while pushing the indented portion of the arrow.

(3)Battery
-How to install:
Insert the battery in the aslant direction as shown by the arrow. Check the battery connection (+) securely touches the side face of the battery.

-How to remove:
Firstly slide the battery in the direction of the arrow with tweezers, and then lift the battery.

(4)Insulator
-How to set:
To insulate between the battery connection (+) and the battery connection (-), the insulator should be put at the two pins securely as bellow.


- How to set the support of dial side parts:

There are two hooks on the support for dial side parts. (Fig.1)
First, assemble the two hooks on the support for dial side parts
to the position of the built-in height A of the base plate. (Fig.2)
Second, assemble the two hooks on the position of the built-in height B of the base plate. (Fig.3)
example VH31A


Fig. 1


Fig. 2 (built-in height A)


Fig. 3 (built-in height B)

OPERATION

## DISPLAY AND CROWN OPERATION


*1: Hour hand
*2: Minute hand
*3: Second hand
*4: Crown at normal position
*5: First click
-Time setting

## TIME SETTING


1.Pull out the crown to the first click when the second hand is at the 12 O'clock position.

Turn the crown to set the hour and minute hands to the time.

2.Push the crown back into the normal position in signal.

