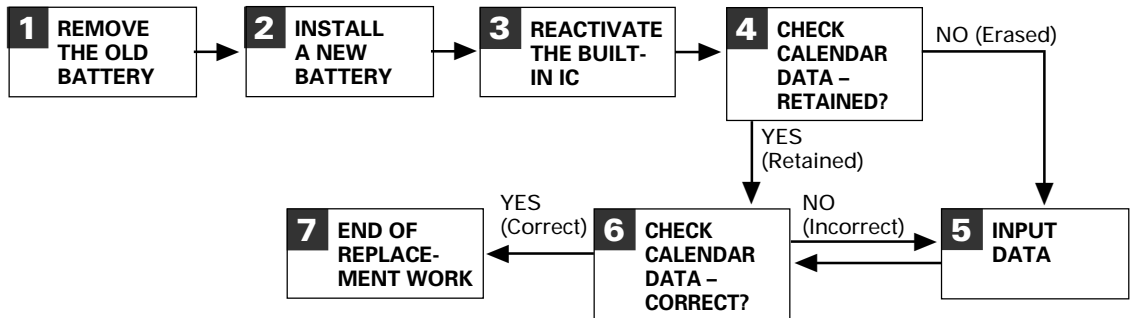


# SEIKO PERPETUAL CALENDAR

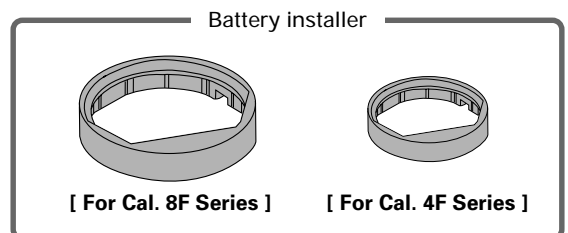
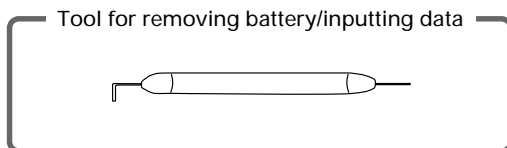
## BATTERY REPLACEMENT MANUAL FOR CAL. 4F (LADIES') / 8F (GENT'S) SERIES WATCHES

- **NOTE:** When replacing the battery for Cal. 4F and Cal. 8F Series watches, please be sure to use CR1612 and BR2412 batteries having a seal-type insulator attached to them, respectively.

- **BATTERY REPLACEMENT WORK FLOW**

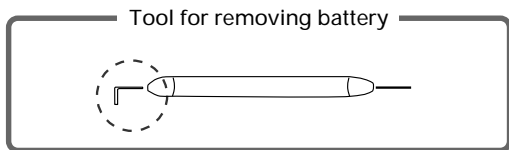


- **Tools to use in the replacement work**



# 1 REMOVE THE OLD BATTERY.

● Tools to use:



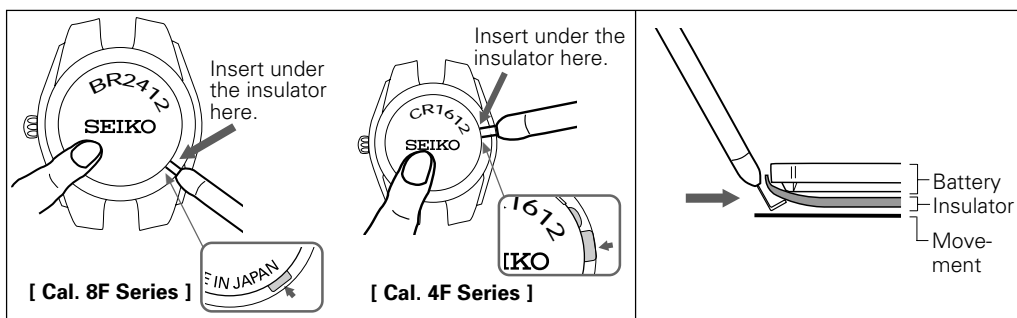
## 1. Open the case back and remove the casing ring.

\* Some models of Cal. 4F Series watches have an antimagnetic ring. Remove it first. Then follow the steps below.

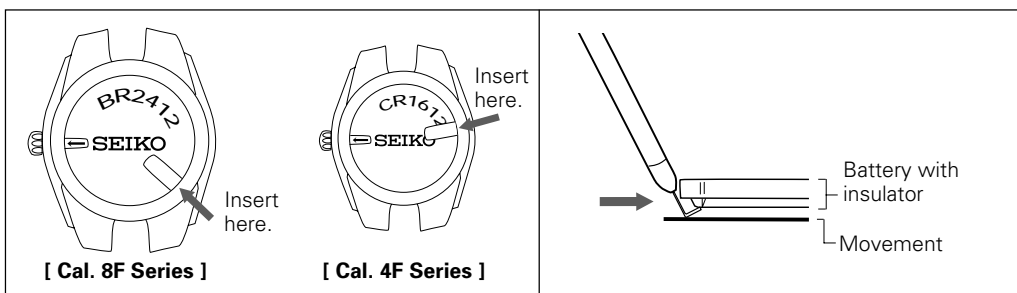
## 2. Insert the tip of the tool between the insulator and the movement.

\* Be sure to insert from the specified position.

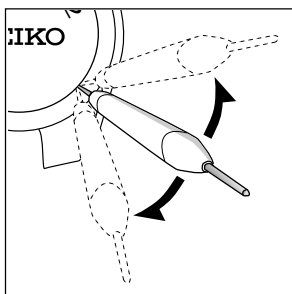
### For the watch with a red plastic insulator:



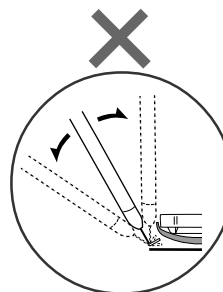
### For the watch with a battery with a seal-type insulator:



## 3. Move the tool from side to side.



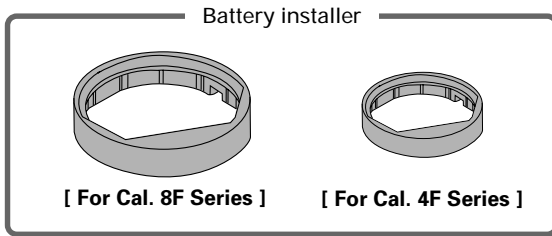
\* Do not pry the battery up. This will damage the movement.



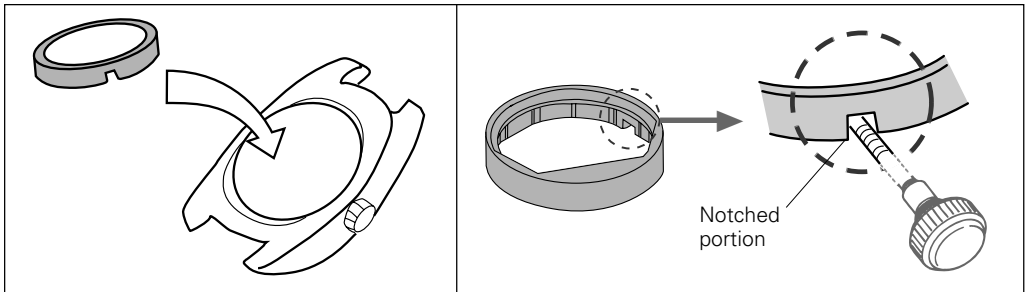
## 2 INSTALL A NEW BATTERY.

\* Be sure to use a battery with a seal-type insulator attached to it.

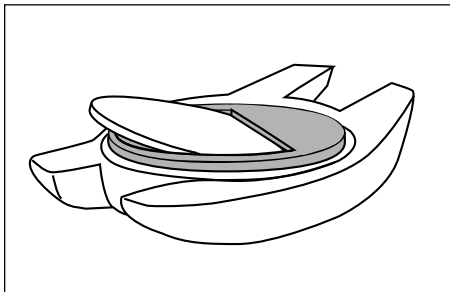
● Tool to use:



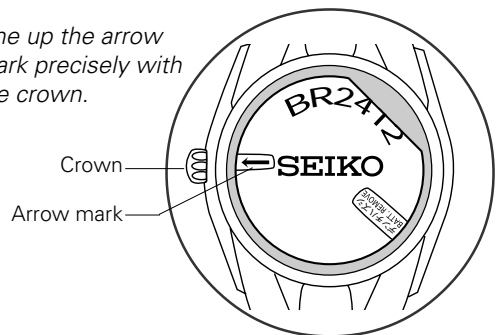
1. Remove the casing ring and red insulator (if the watch has one).
2. Set the battery installer into the case



3. Put the edge of the battery under the installer.



\* Line up the arrow mark precisely with the crown.

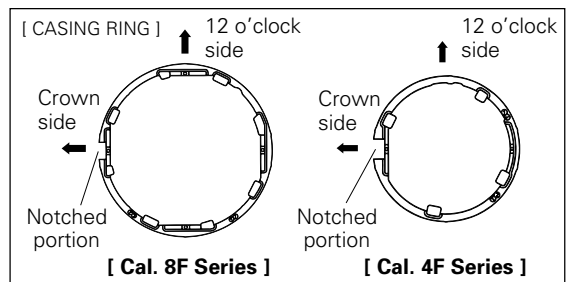


4. Press down the battery until it clicks fixed.



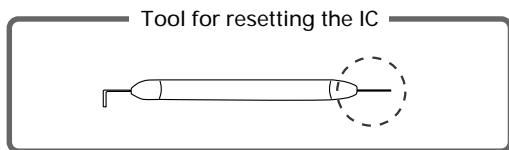
5. Remove the installer, and set the casing ring.

\* Set the notched portion to the crown side.



### 3 REACTIVATE THE BUILT-IN IC.

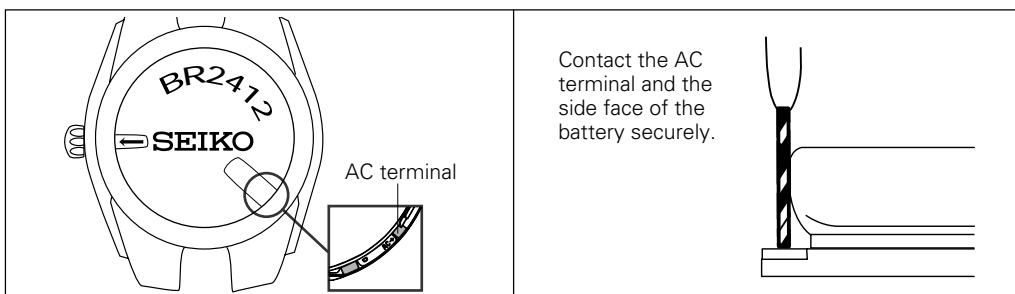
● Tool to use:



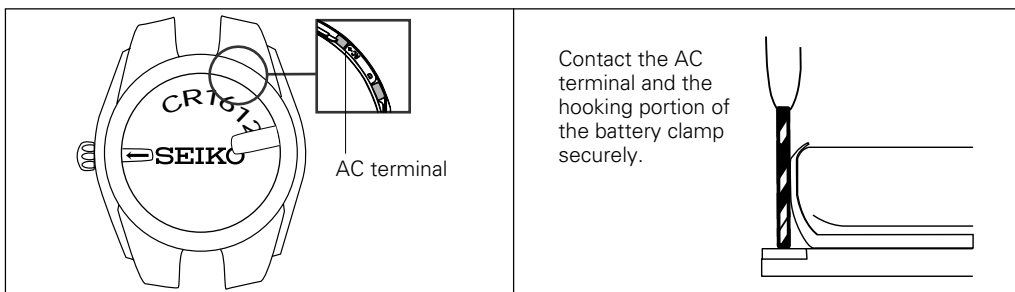
● Short-circuit the AC terminal and the battery using the tool.

\* Take care not to damage the AC terminal with the tool.

For Cal. 8F Series watches:



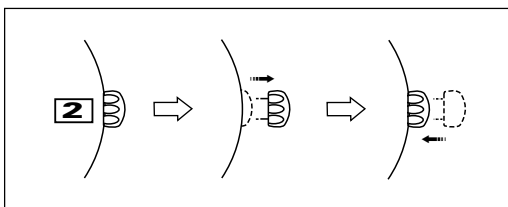
For Cal. 4F Series watches:



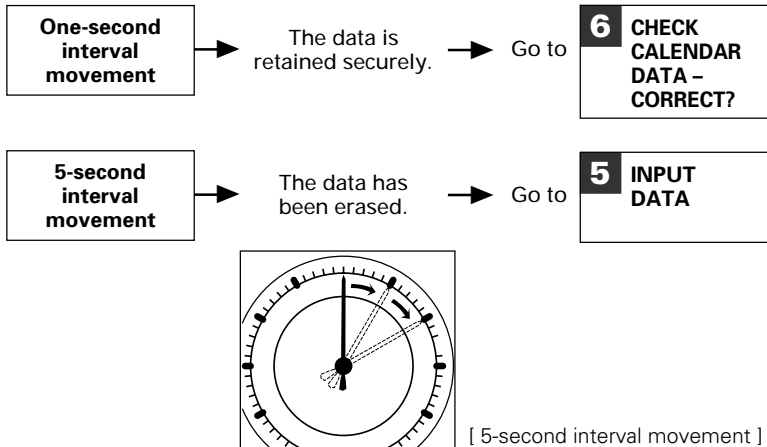
### 4 CHECK CALENDAR DATA – RETAINED?

1. Pull out the crown to the first click, and push it back immediately.

\* Lightly press down the movement with a finger to hold it in position.

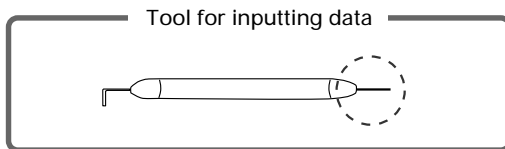


## 2. Check the movement of the second hand.

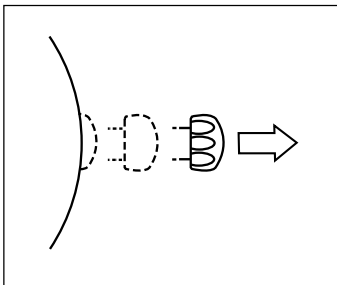


## **5** INPUT DATA.

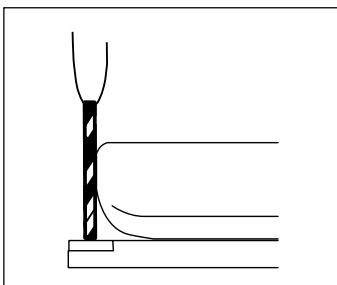
### ● Tool to use:



### 1. Pull out the crown to the second click.

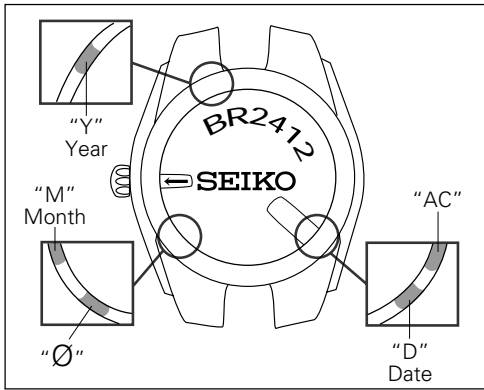


### 2. To input data, contact each terminal and the side face of the battery repeatedly with the tool until the desired data is shown in the calendar frame.

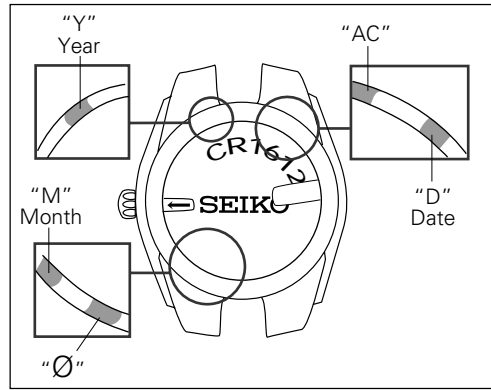


\* Take care not to damage the terminals with the tool.

**Position of terminal for inputting calendar data: Cal. 8F Series**

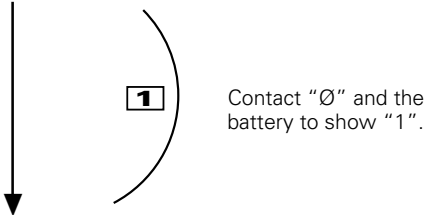


**Position of terminal for inputting calendar data: Cal. 4F Series**



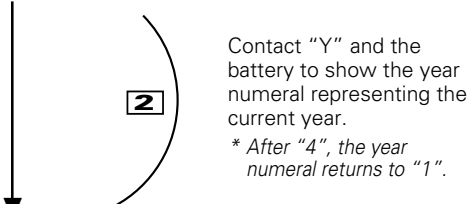
**● Input data in the following order.**

**A** Resetting the date dial position



Ex.) To input "July 12, 2006":

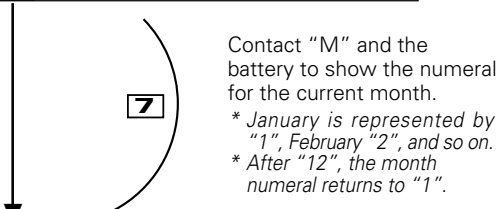
**B** Year setting



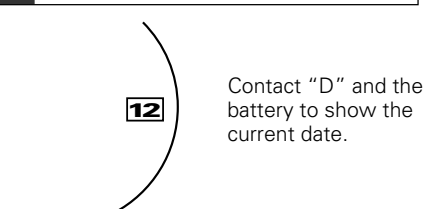
\* See the table below for the year numerals.

| Year numeral | 1                         | 2                         | 3                         | 4                         |
|--------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Year group   | 1997<br>2001<br>2005<br>⋮ | 1998<br>2002<br>2006<br>⋮ | 1999<br>2003<br>2007<br>⋮ | 2000<br>2004<br>2008<br>⋮ |

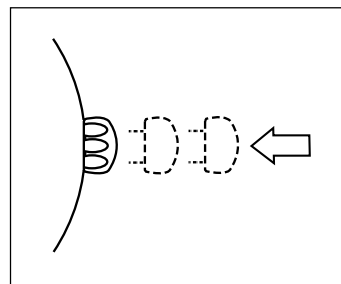
**C** Month setting



**D** Date setting



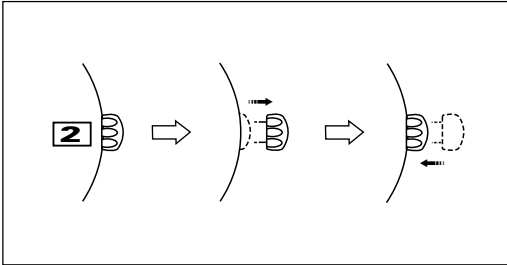
**3. Push the crown back in to the normal position.**



## 6 CHECK CALENDAR DATA – CORRECT?

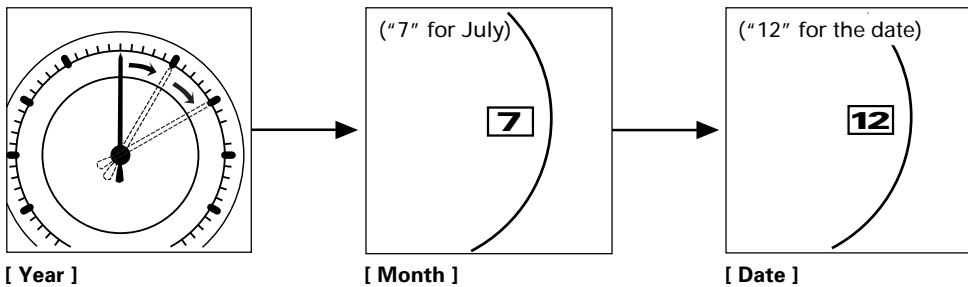
### 1. Pull out the crown to the first click, and push it back immediately.

\* Lightly press down the movement with a finger to hold it in position.



### ● The calendar data will be shown in the calendar frame in the order of year, month and date.

Ex.) "July 12, 2006"



The year numeral for "2006" is "2", which means the second hand moves 2 times (a distance of 10 seconds).

If all the calendar data is correct:

Go to

**7** END OF REPLACEMENT WORK

If any incorrect data is shown:

Go back to

**5** INPUT DATA

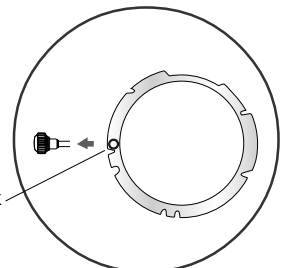
to correct the data.

## 7 END OF REPLACEMENT WORK

### 1. Close the case back.

\* For some models of Cal. 4F Series watches, set the antimagnetic ring first before closing the case back.

Set the "⊙" mark to the crown side.



### 2. Set the current time, checking that AM/PM is properly set.

\* The date advances and moves back in correspondence with the movement of the hour hand.