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

1. REMOVE THE OLD BATTERY.
   - Tools to use:
     - Tool for removing battery

2. INSTALL A NEW BATTERY

3. REACTIVATE THE BUILT-IN IC
   - Tools to use:
     - Tool for removing battery/inputting data
     - Battery installer

4. CHECK CALENDAR DATA - RETAINED?
   - For the watch with a red plastic insulator:
     - Insert under the insulator here.
     - Battery with insulator
   - For the watch with a battery with a seal-type insulator:
     - Insert here.
     - Battery with insulator

5. INPUT DATA
   - Change to correct.
   - Change to retained.
   - Input data.

6. CHECK CALENDAR DATA - CORRECT?

7. END OF REPLACE-MENT WORK

Tools to use in the replacement work

- Tool for removing battery/inputting data
- Battery installer

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:
   - Insert under the insulator here.
   - Battery with insulator

   For the watch with a battery with a seal-type insulator:
   - Insert here.
   - Battery with insulator

3. Move the tool from side to side.
   * Do not pry the battery up. This will damage the movement.
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 CR2412 batteries having a seal-type insulator attached to them, respectively.

BATTERY REPLACEMENT WORK FLOW

1. REMOVE THE OLD BATTERY.
   - Tools to use: Tool for removing battery

2. INSTALL A NEW BATTERY

3. REACTIVATE THE BUILT-IN IC

4. CHECK CALENDAR DATA – RETAINED?
   - YES (Retained)
   - NO (Erased)

5. INPUT DATA

6. CHECK CALENDAR DATA – CORRECT?
   - YES (Correct)
   - NO (Incorrect)

7. END OF REPLACE-MENT WORK

Tools to use in the replacement work

- Tool for removing battery
- Battery installer

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

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:
   - Insert under the insulator here.

   For the watch with a battery with a seal-type insulator:
   - Insert under the insulator here.

3. Move the tool from side to side.
   * Do not pry the battery up. This will damage the movement.
2 INSTALL A NEW BATTERY.

- 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.

4. Press down the battery until it clicks fixed.

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

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

3 REACTIVATE THE BUILT-IN IC.

- Tool to use:

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

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

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 INSTALL A NEW BATTERY.

Tool to use:

- Battery installer

   [ For Cal. 8F Series ]

   [ For Cal. 4F Series ]

1. Remove the casing ring and red insulator (if the watch has one).

2. Set the battery installer into the case.

   ![Diagram of battery installer being set into the case]

   ![Diagram showing the battery installer being set into the case]

   ![Diagram showing the correct position of the battery installer]

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

   ![Diagram showing the edge of the battery under the installer]

   ![Diagram showing the correct positioning of the battery under the installer]

4. Press down the battery until it clicks fixed.

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

   ![Diagram showing the casing ring being set]

   ![Diagram showing the correct positioning of the casing ring]

   * Set the notched portion to the crown side.

3 REACTIVATE THE BUILT-IN IC.

Tool to use:

- Tool for resetting the IC

   ![Diagram of tool for resetting the IC]

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

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

   ![Diagram showing the short-circuiting process]

   ![Diagram showing the correct short-circuiting method]

   ![Diagram showing the short-circuiting method for Cal. 8F Series watches]

   ![Diagram showing the short-circuiting method 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.

   ![Diagram showing the movement being held]

   ![Diagram showing the correct positioning of the movement]

   ![Diagram showing the movement being held for Cal. 8F Series]

   ![Diagram showing the movement being held for Cal. 4F Series]
2. Check the movement of the second hand.

One-second interval movement

The data is retained securely. Go to

6 CHECK CALENDAR DATA - CORRECT?

5-second interval movement

The data has been erased. Go to

5 INPUT DATA

[5-second interval movement]

5 INPUT DATA.

● Tool to use:

Tool for inputting data

1. Pull out the crown to the second click.

[Diagram of crown]

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

1 Contact “Ø” and the battery to show “1”.

Ex.) To input “July 12, 2001”:

B Year setting

2 Contact “Y” and the battery to show the year numeral representing the current year.

* After “4”, the year numeral returns to “1”.

C Month setting

7 Contact “M” and the battery to show the numeral for the current month.

* January is represented by “1”, February “2”, and so on.

* After “12”, the month numeral returns to “1”.

D Date setting

12 Contact “Ø” and the battery to show the current date.

* See the table below for the year numerals.

<table>
<thead>
<tr>
<th>Year numeral</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>1997</td>
<td>2001</td>
<td>1999</td>
<td>2000</td>
</tr>
<tr>
<td></td>
<td>2005</td>
<td>2002</td>
<td>2003</td>
<td>2004</td>
</tr>
<tr>
<td></td>
<td>2006</td>
<td>2006</td>
<td>2007</td>
<td>2008</td>
</tr>
</tbody>
</table>

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

A. Resetting the date dial position
   1. Contact "Ø" and the battery to show "1".

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

B. Year setting
   2. Contact "Y" and the battery to show the year numeral representing the current year.
   3. After "4", the year numeral returns to "1".

C. Month setting
   4. Contact "M" and the battery to show the numeral for the current month.
   5. After "12", the month numeral returns to "1".

D. Date setting
   6. Contact "D" and the battery to show the current date.

6 CHECK CALENDAR DATA - CORRECT?

- Go to 5 SECOND INTERVAL MOVEMENT

- Go to 6 CHECK CALENDAR DATA - CORRECT?

- Go to 5 INPUT DATA

7-6-
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.

   ![Diagram showing how to pull out the crown]

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

   Ex.) “July 12, 2006”

   ![Calendar frame diagram]

   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 END OF REPLACEMENT WORK

   If any incorrect data is shown: Go back to 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.

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.

   ![Diagram showing how to set the current time]