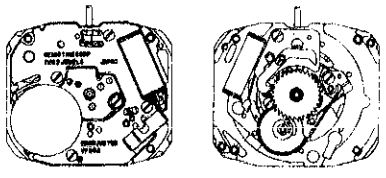
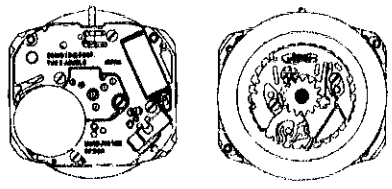
PARTS CATALOGUE/TECHNICAL GUIDE

Cal. 6F25A
Cal. 6F26A

[SPECIFICATIONS]

Item \ Cal. No.		6F25A	6F26A
Movement		 (x1.0)	 (x1.0)
Movement size	Outside diameter	19.0 mm between 3 o'clock and 9 o'clock sides 22.0 mm between 6 o'clock and 12 o'clock sides	
	Casing diameter	ϕ24.0 mm	
	Height	2.7 mm	
Time indication		4 hands (with date hand)	4 hands (with day hand)
Driving system		Step motor (Load compensated driving pulse type)	
Additional mechanism		Date calendar by date hand	Numerical date calendar
		–	Day calendar by day hand
		Instant calendar setting device	
		Train wheel setting device	
		Electronic circuit reset switch	
		Battery life indicator	
Loss/gain		Monthly rate at normal temperature range: less than 15 seconds	
Regulation system		Nil	
Measuring gate by quartz tester		Use 10-second gate.	
Battery		SEIKO SR920SW, Maxell SR920SW, SONY SR920SW, Matsushita SR920SW, EVEREADY 371 Battery life is approximately 5 years. Voltage: 1.55V	
Jewels		2 jewels	

PARTS CATALOGUE

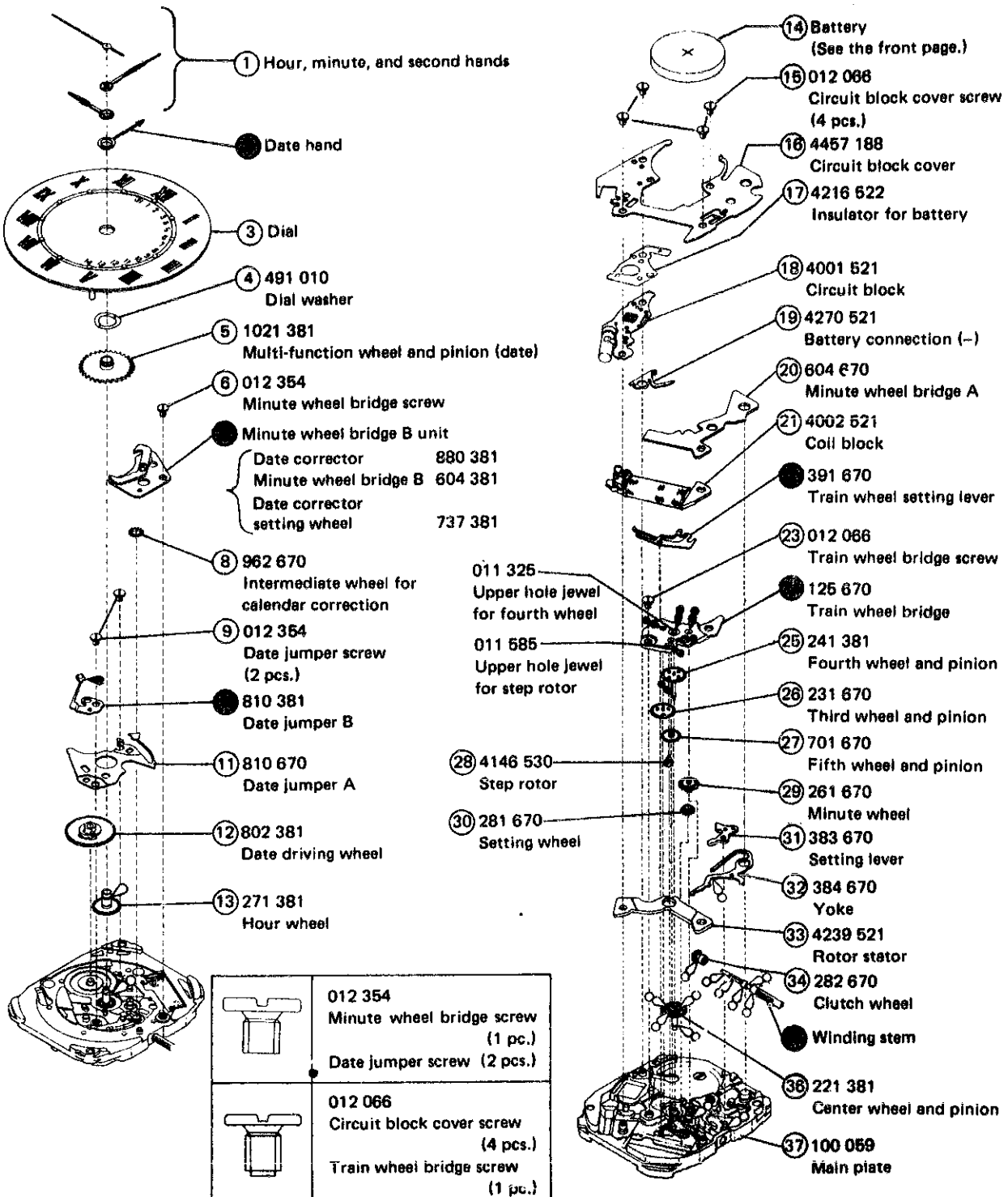
Cal. 6F25A

Disassembling procedures Figs.: (1) → (37)

Reassembling procedures Figs.: (37) → (1)

Lubricating: **Types of oil** — Moebius A; SEIKO Watch Oil S-6 — **Oil quantity** — Normal quantity; Extremely small

● ⇨ Please see the remarks on the following pages.



	012 354 Minute wheel bridge screw (1 pc.) Date jumper screw (2 pcs.)
	012 066 Circuit block cover screw (4 pcs.) Train wheel bridge screw (1 pc.)

PARTS CATALOGUE

Cal. 6F25A

Remarks:

(35) Winding stem 351 105, 351 670

The type of winding stem is determined based on the design of cases.
Refer to "SEIKO Casing Parts Catalogue" to choose a corresponding winding stem.

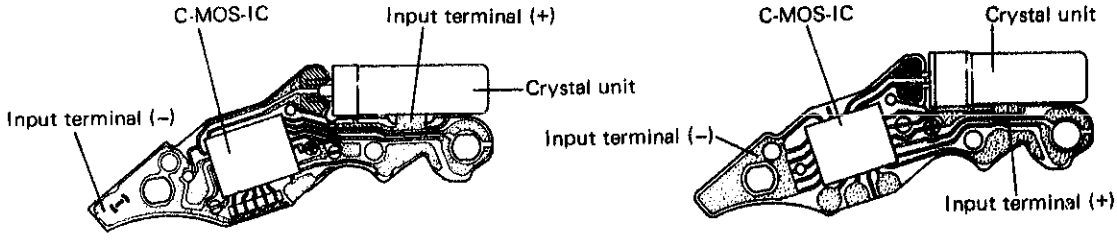
TECHNICAL GUIDE

Cal. 6F25A

- The explanation here is only for the particular points of Cal. 6F25A.
- For the repairing, checking and measuring procedures, refer to the "TECHNICAL GUIDE, GENERAL INSTRUCTIONS".

I. STRUCTURE OF THE CIRCUIT BLOCK

There are two types of circuit block, and they can be used interchangeably.



II. REMARKS ON DISASSEMBLING AND REASSEMBLING

Use the universal movement holder for disassembling and reassembling.

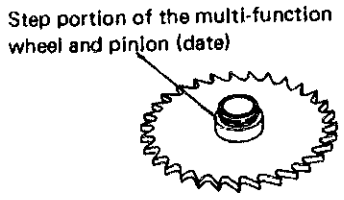
(2) Date hand

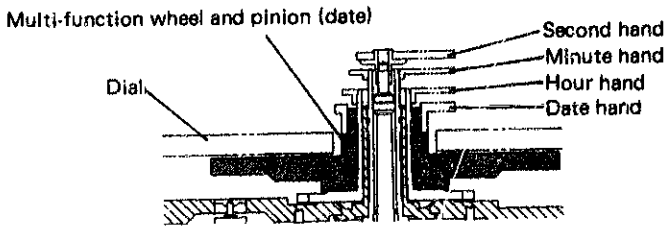
- **How to install**

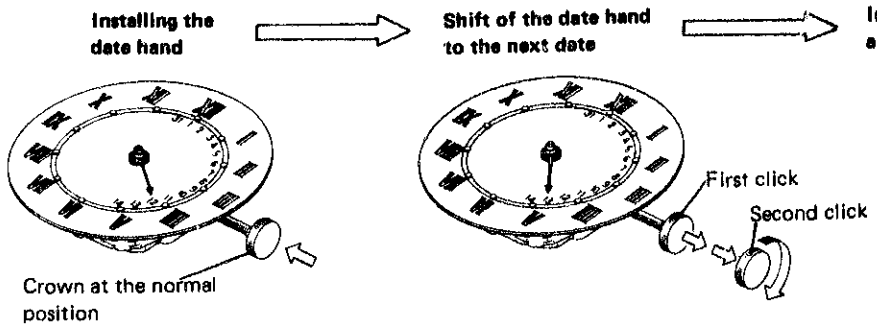
Install the date hand with care not to press excessively, since its setting angle is determined by the step portion of the multi-function wheel and pinion (date).

1) Press in the date hand with its tip on a desired day index on the dial.
   * Perform the pressing-in job by seeing with a single loupe or a microscope.
   * Even if the date hand is set into position, it appears unseated, compared with the hour and minute hands, but this is not an irregularity.
   * Be careful not to press in the date hand excessively, since overpressure may damage the main plate.
2) Pull out the crown to the second click (time setting position).
3) Turn the crown clockwise until the date hand's shift to the next date is completed. (In this case, 12 o'clock is midnight.)

4) Install the hour and minute hands at the 12 o'clock position.



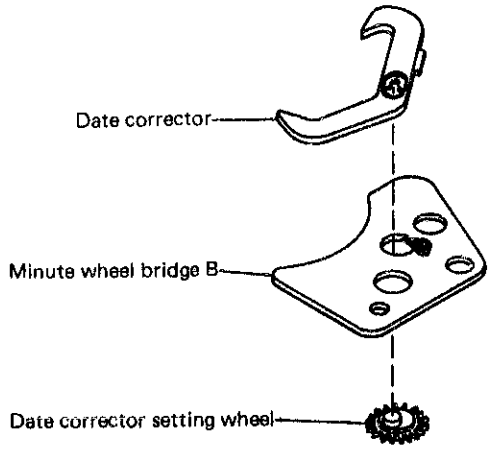




(7) Minute wheel bridge B unit

- **How to disassemble**

Place the minute wheel bridge B unit on a flat metal plate with the date corrector side up, escaping the calendar corrector setting wheel.
Then, lightly press the date corrector setting wheel's axle head with tweezers.



- **Remarks on disassembling and reassembling the date corrector**

The date corrector is a plastic part with some elasticity in the contact with the date corrector setting wheel.
When disassembling and reassembling it, be careful not to scratch, deform, or warp it and also do not mistake the front for the back and vice versa

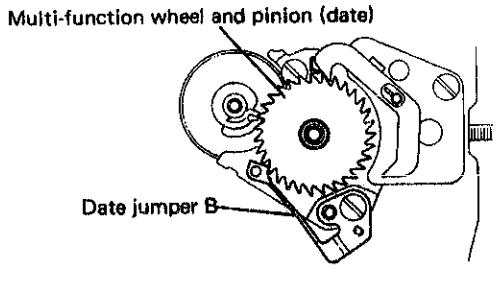
- **Lubricating the date corrector setting wheel**

Apply Moebius A to the date corrector setting wheel's contacting portion with the minute wheel bridge B.

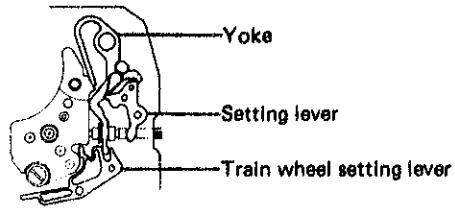
(10) Date jumper B

- **Installing**

Install the date jumper B so that its spring meshes with the multi-function wheel and pinion (date).



(22) Train wheel setting lever

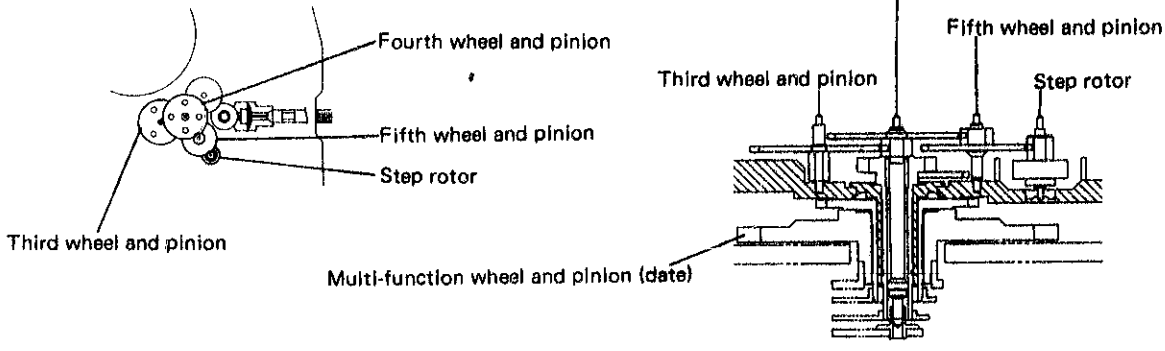


● Setting position and lubricating

Set the yoke and the train wheel setting lever into position. Lubricate the contacting portion of the yoke and the setting lever.

(24) Train wheel bridge

● Setting position



III. VALUE CHECKING

● Coil block resistance

2.7KΩ ~ 3.2KΩ

● Current consumption

For the whole of the movement: less than 0.9μA
For the circuit block alone : less than 0.4μA

Remarks:

When the current consumption exceeds the standard value for the whole of the movement but is less than the standard value for the circuit block alone, overhaul and clean the movement parts and then measure current consumption for the whole of the movement again. The driving pulse generated to compensate a heavy load that may apply on the gear train, etc. is considered to cause excessive current consumption for the whole of the movement.

PARTS CATALOGUE

Cal. 6F26A

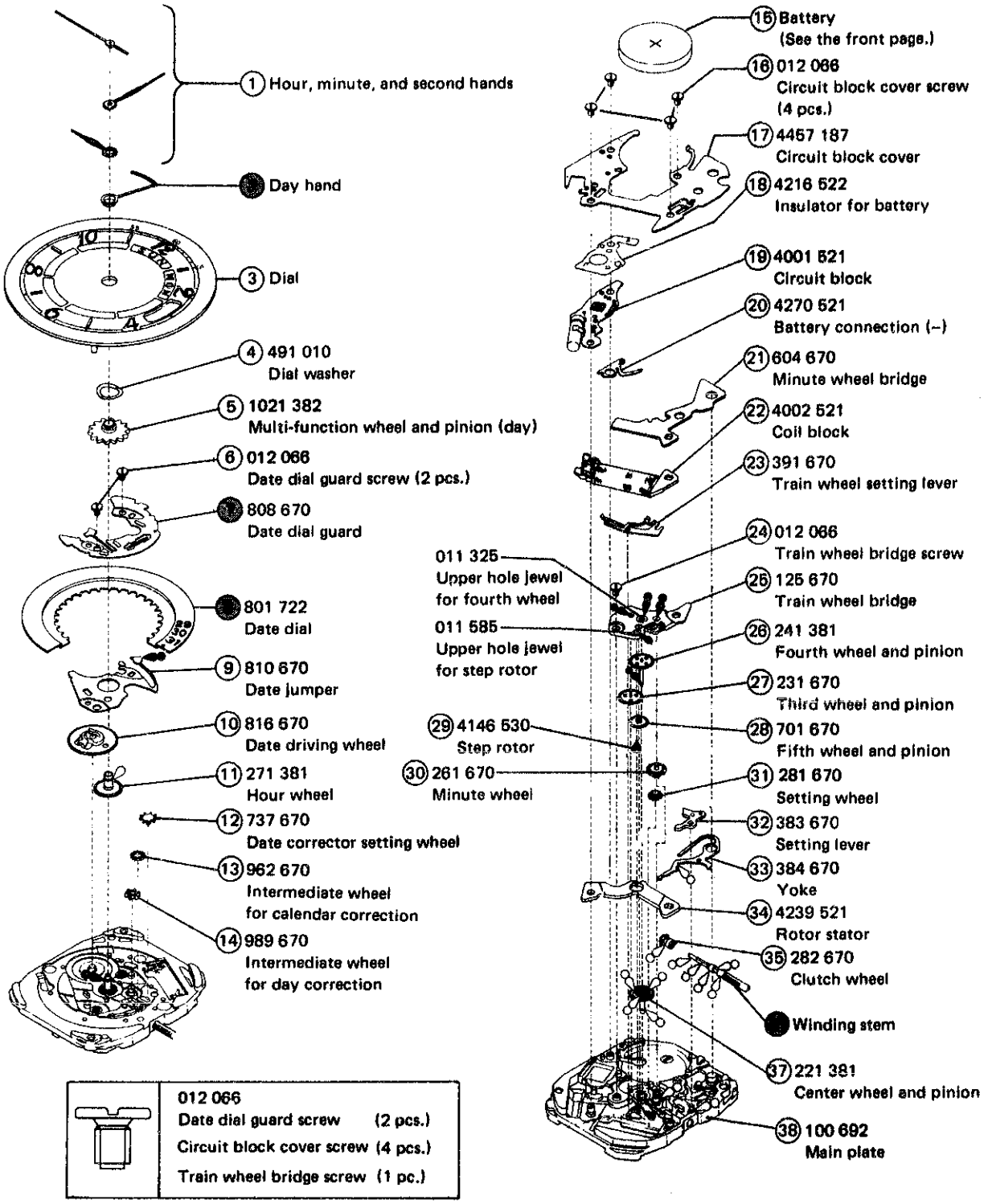
Disassembling procedures Figs.: (1) → (38)

Reassembling procedures Figs.: (38) → (1)

Lubricating: **Types of oil**
- Moebius A
- SEIKO Watch Oil S-6

Oil quantity
- Normal quantity
- Extremely small

● ⇨ Please see the remarks on the following pages.



012 066	
Date dial guard screw	(2 pcs.)
Circuit block cover screw	(4 pcs.)
Train wheel bridge screw	(1 pc.)

Remarks:

(8) Date dial

Part code	Position of crown & calendar	Color of figure	Color of background
801 722	3 o'clock	Black	White

The type of date dial is determined based on the design of cases.
If any other type of date dial is required, please specify (1) Cal. No., (2) the crown position, (3) the calendar frame position, (4) Dial No., and (5) the color.

(36) Winding stem 351 105, 351 670

The type of winding stem is determined based on the design of cases.
Refer to "SEIKO Casing Parts Catalogue" to choose a corresponding winding stem.

• The explanation here is only for the particular points Cal. 6F26A.

I. REMARKS ON DISASSEMBLING AND REASSEMBLING

Use the universal movement holder for disassembling and reassembling.

(2) Day hand

• **How to install**

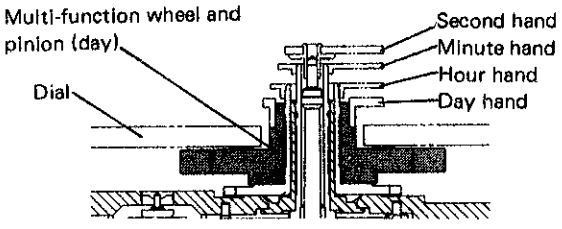
1) Pull out the crown to the second click (time setting position).

2) Turn the crown clockwise until the multi-function wheel and pinion (day) turns two steps, and then push in the crown to the normal position. (Each two steps represent one day.)

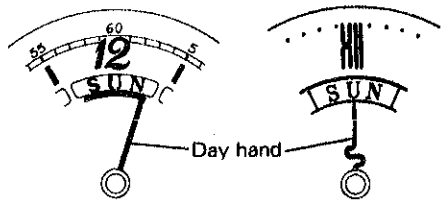
3) Press in the day hand with its tip on a desired day index on the dial.

*Be careful not to press in the day hand excessively, since overpressure may damage the main plate.

*The day hand is designed to advance one day in two steps until about 4:00 A.M. Install the day hand so that it points to the center of the day index when having moved two steps.

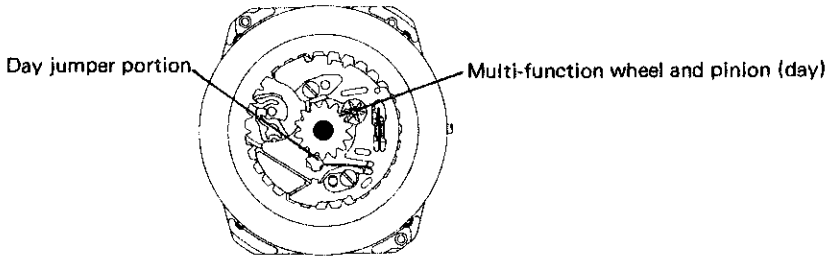


[For Reference]



(7) Date dial guard

Install the date dial guard so that its spring correctly meshes with the multi-function wheel and pinion (day).



• Refer to Cal. 6F25A for other repairing, checking and measuring procedures.

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