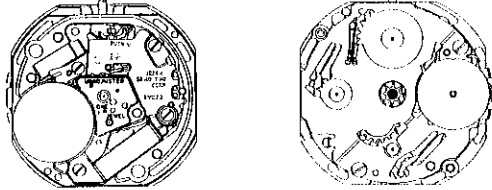


# PARTS CATALOGUE / TECHNICAL GUIDE

## Cal. 5Y88A

### [SPECIFICATIONS]

Item		Cal. No.	5Y88A
Movement			
		(x 1.0)	
Movement size	Outside diameter	ø24.0 mm 21.5 mm between 3 o'clock and 9 o'clock sides 22.1 mm between 6 o'clock and 12 o'clock sides	
	Casing diameter	ø23.3 mm 21.3 mm between 3 o'clock and 9 o'clock sides 21.5 mm between 6 o'clock and 12 o'clock sides	
	Height	3.05 mm (Including battery portion)	
Time indication		Three hands	
Driving system		Step motor (Load compensated driving pulse type)	
Additional mechanism		Date calendar (Date hand)	
		Day calendar (Day hand)	
		Month calendar (Month hand)	
		24-hour dial disk	
		Instant date setting device	
		Instant month setting device	
		Electronic circuit reset switch	
		Train wheel setting device	
		Electronic circuit reset switch	
		Train wheel setting device	
Loss/gain		Monthly rate at normal temperature range: less than 20 seconds	
Regulation system		Nil	
Measuring gate by quartz tester		Use 10-second gate	
Battery		SEIKO SR916SW MAXELL SR916SW MATSUSHITA SR916SW Battery life is approximately 3 years. Voltage: 1.55V	
Jewels		1 jewel	

SEIKO CORPORATION

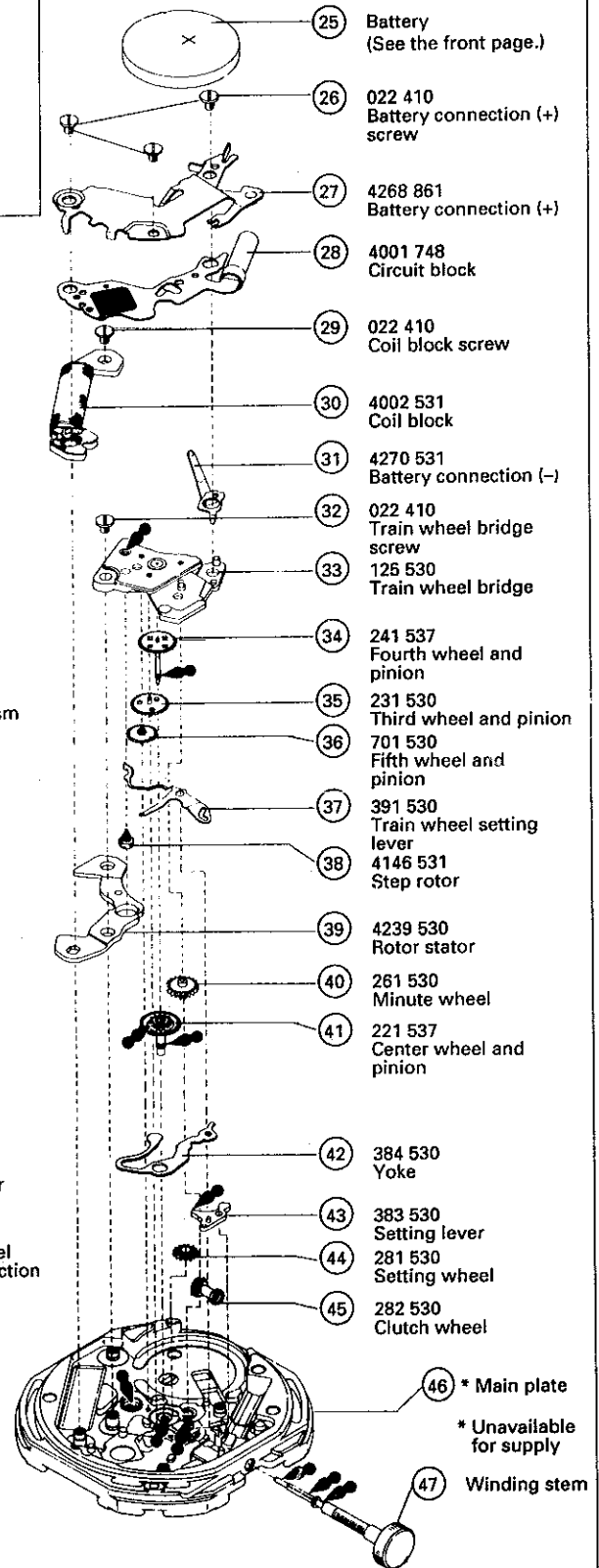
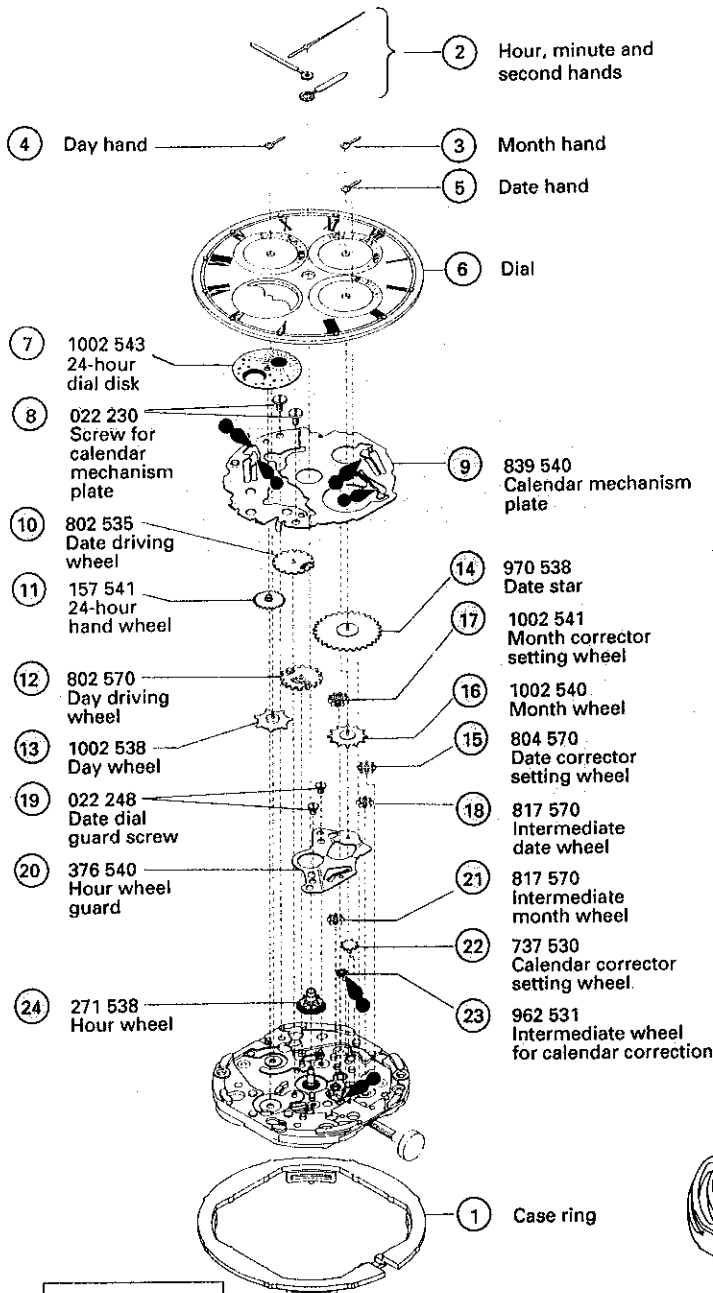
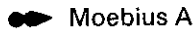
# PARTS CATALOGUE

Cal. 5Y88A

Disassembling procedures Figs. : ① → ④⑦

Reassembling procedures Figs. : ④⑦ → ①

Lubricating: Types of oil



## Remarks:

④⑦ Winding stem 354 530

The type of winding stem is determined based on the design of case.  
Check the case number and refer to "Casing Parts Catalogue" to choose a corresponding winding stem.

⊙ ⇨ Please see the remarks on the following pages.

- The explanation here is only for the particular points of Cal. 5Y88A.
- For repairing, checking and measuring procedures, refer to the "TECHNICAL GUIDE, GENERAL INSTRUCTIONS".

## I. REMARKS ON DISASSEMBLING AND REASSEMBLING

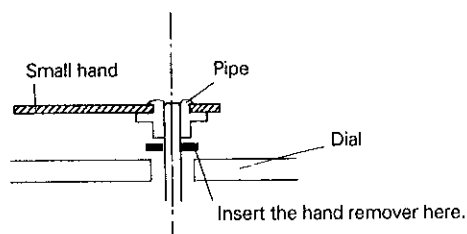
### Hands

#### • How to install

- 1) Pull out the crown to the second click and turn it until the date driving wheel becomes completely disengaged with the date star. Then, set the dial.
- 2) Install the date, day and month hands in order.
- 3) With the crown at the second click, turn it until the date hand shifts.
- 4) Install the hour, minute and second hands.

#### • Remarks on removing the small hands (Date, day, and month hands)

- When pulling out the small hands, be sure to hold the dial while pulling them out.
- When pulling out a small hand, put the hand remover under the pipe of the hand and remove it.



### ⑨ Calendar mechanism plate

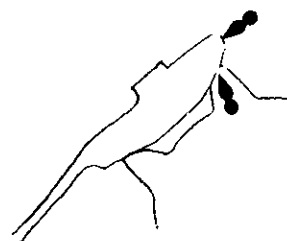
#### • Lubricating



Date jumper section



Month jumper section



Day jumper section

# TECHNICAL GUIDE

Cal. 5Y88A

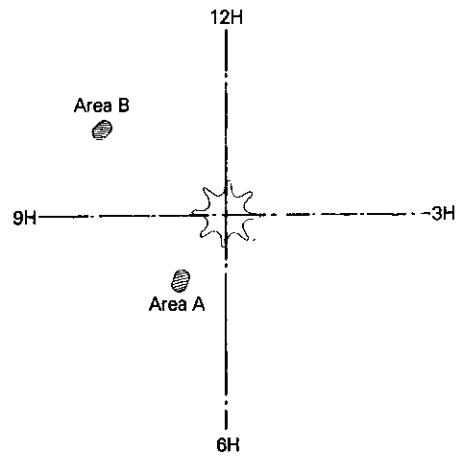
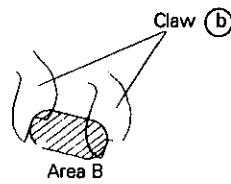
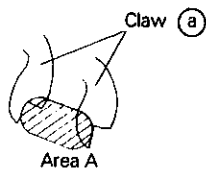
⑩ Date driving wheel

⑫ Day driving wheel

• **Setting position**

Set the date driving wheel ⑩ so that its claw ① is in shaded area A. (See the illustration below.)

Set the day driving wheel ⑫ so that its claw ② is in shaded area B. (See the illustration below.)

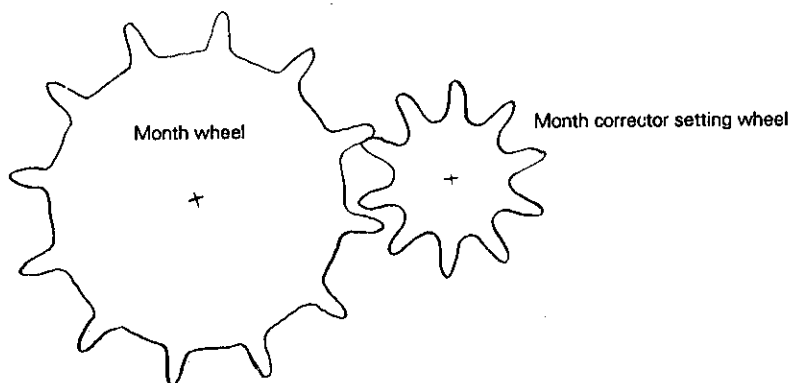


⑯ Month wheel

⑰ Month corrector setting wheel

• **Setting position**

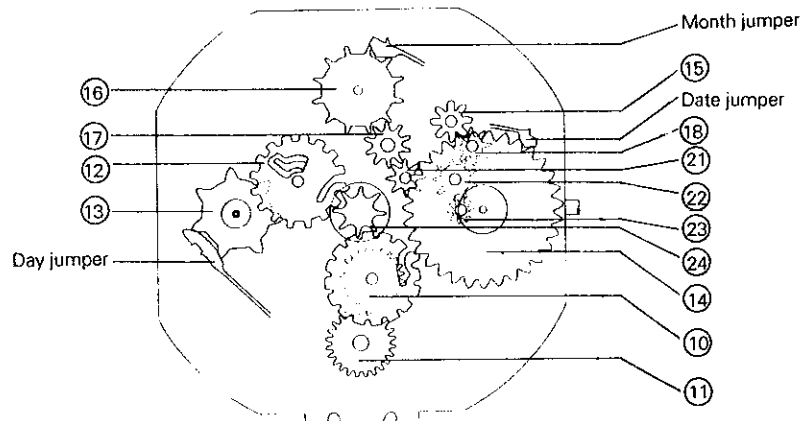
Set the month wheel and month corrector setting wheel so that two teeth of the month corrector setting wheel are meshed with a tooth of the month wheel.



- ⑩ Date driving wheel
- ⑱ Intermediate date wheel
- ⑳ Intermediate month wheel
- ㉔ Hour wheel

• **How to install**

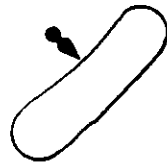
When setting the calendar wheels, refer to the illustration below.  
Set the jumpers to mesh with the teeth.



- ㉒ Calendar corrector setting wheel

• **Lubricating**

Lubricate the sliding surfaces of the calendar corrector setting wheel and main plate.



- ㉓ Intermediate wheel for calendar correction

• **Lubricating**



## II. VALUE CHECKING

- Coil block resistance

3.0KΩ ~ 3.4KΩ

- Current consumption

For the whole of the movement :	Less than 1.2μA
For the circuit block alone :	Less than 0.4μA

**SUPPLEMENT  
TO  
PARTS CATALOGUE / TECHNICAL GUIDE  
CAL. 5Y88A**

**New Hand Installation Height**

In addition to the short type hand installation height, standard type height has been introduced to Cal. 5Y88A watches.

When ordering parts, refer to the table below.

Discrimination		Center wheel and pinion	Forth wheel and pinion	Hour wheel	Battery connection (+)	24H dial disk
Height	Numeral for discrimination					
Short	1	221 537	241 537	271 538	4268 861	* 1023 543 or 1023 554
Standard	2	221 520	241 525	271 520	4271 551	

\* The type of 24H dial disk is determined based on the case design. Check the case number and refer to "SEIKO Casing Parts Catalogue" to choose a corresponding 24H dial disk.