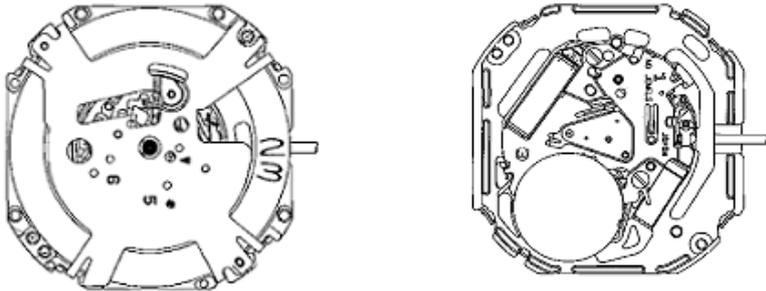


PARTS LIST / TECHNICAL GUIDE

CAL. 5Y63A

【SPECIFICATIONS】

Item	Cal.No.	5Y63A
Movement		
Movement size	Outside diameter	ϕ 25.6 mm 21.9 mm between 3 o'clock and 9 o'clock sides 23.5 mm between 6 o'clock and 12 o'clock sides
	Casing diameter	ϕ 23.3 mm 21.5 mm between 3 o'clock and 9 o'clock sides 21.5 mm between 6 o'clock and 12 o'clock sides
	Height	3.49 mm
Time indication		3 hands (hour, minute and second hands), day/date, and day calendar (retrograde day indication)
Driving system		Step motor: Load compensated driving pulse type, 1 piece
Additional function		<ul style="list-style-type: none"> ● Second hand stop function ● Day/date correction function ● Electronic circuit reset switch function
Loss/gain		Monthly rate: less than 20 seconds when worn on the wrist at temperature range between 5°C and 35°C
Regulation system		None
Measuring time for accuracy check		Use 10-second gate.
Battery	Battery No.	SEIKO SR920SW
	Voltage	1.55V
	Battery life	Approximately 3 years
Number of Jewels		0 jewel

SEIKO WATCH CORPORATION

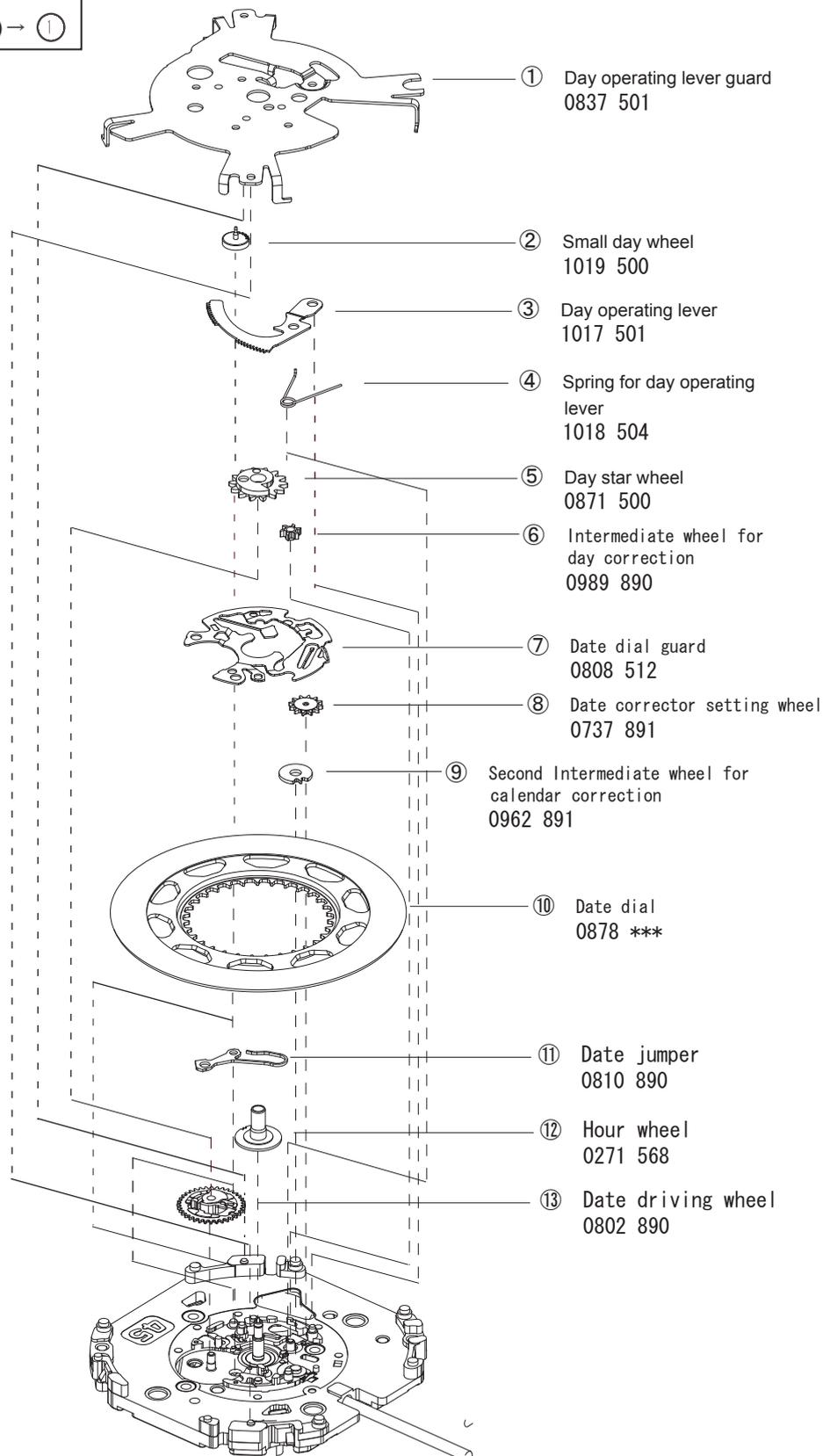
PARTS LIST

Cal. 5Y63A

5Y63A

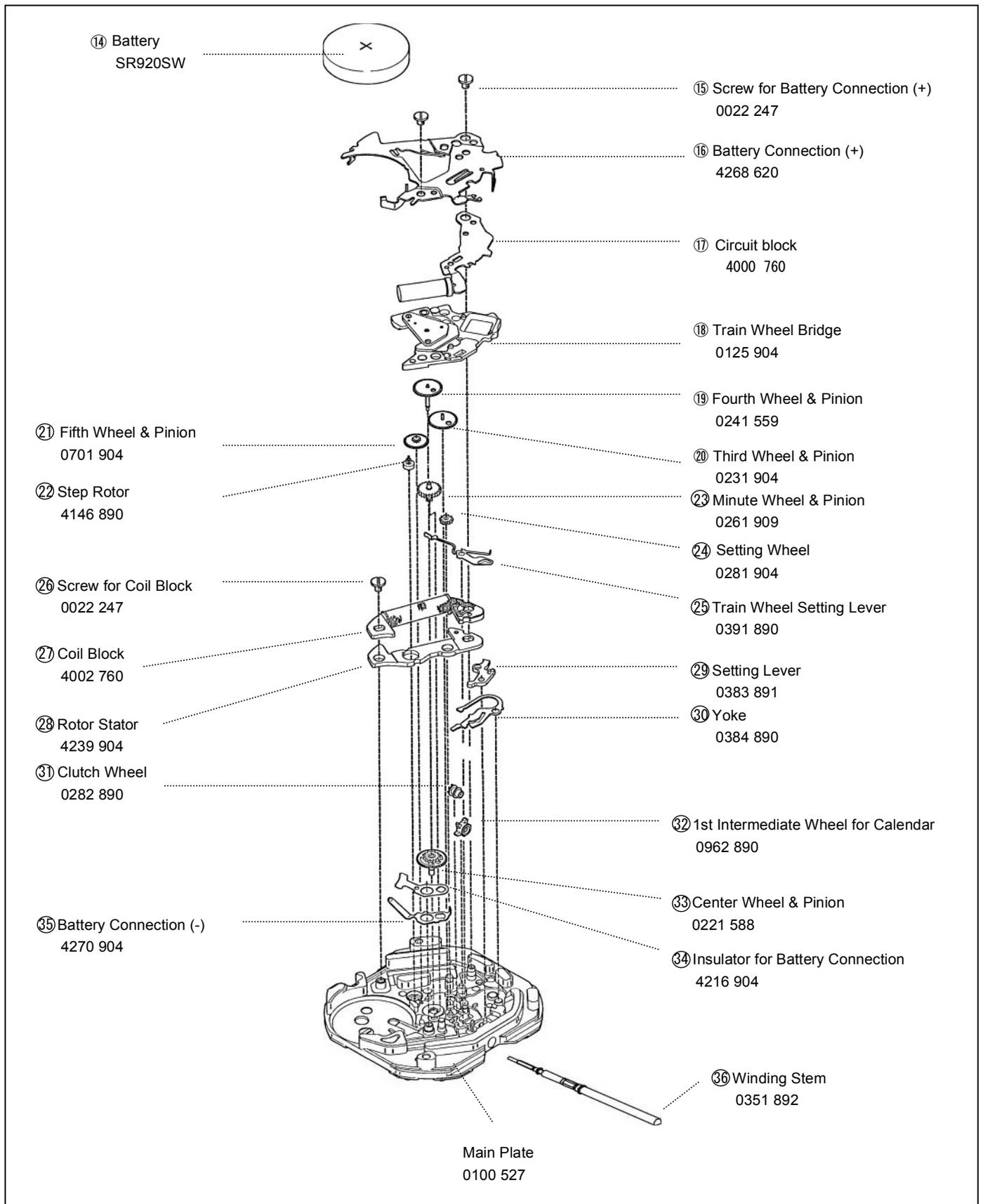
Disassembling procedures Figs: ① → ③⑥

Reassembling procedures Figs: ③⑥ → ①



PARTS LIST

Cal. 5Y63A



- The explanation here is only for the particular points of the Cal. 5Y63A.
- For preparing, checking and measuring procedures, refer to the “TECHNICAL GUIDE, GENERAL INSTRUCTIONS.”

I. Cautions for Assembly/ Disassembly

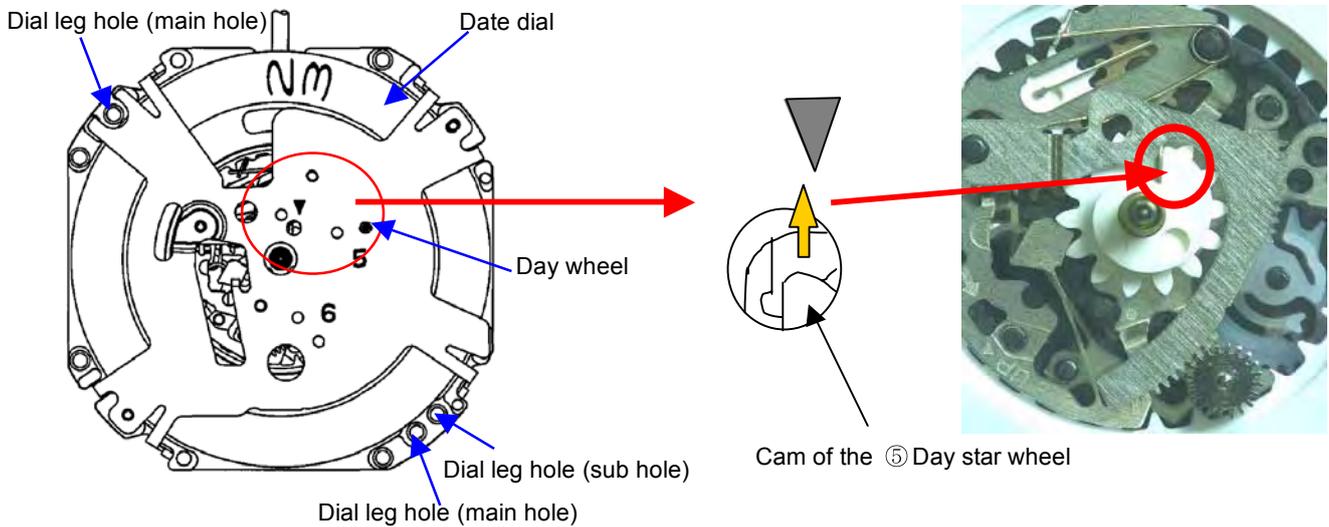
■ Hand setting process

1) Movement

- Pull out the stem to the first click. Turn the stem until the cam (protruding part) of the ⑤ Day star wheel faces to ▲ mark. (Refer to the illustration below)

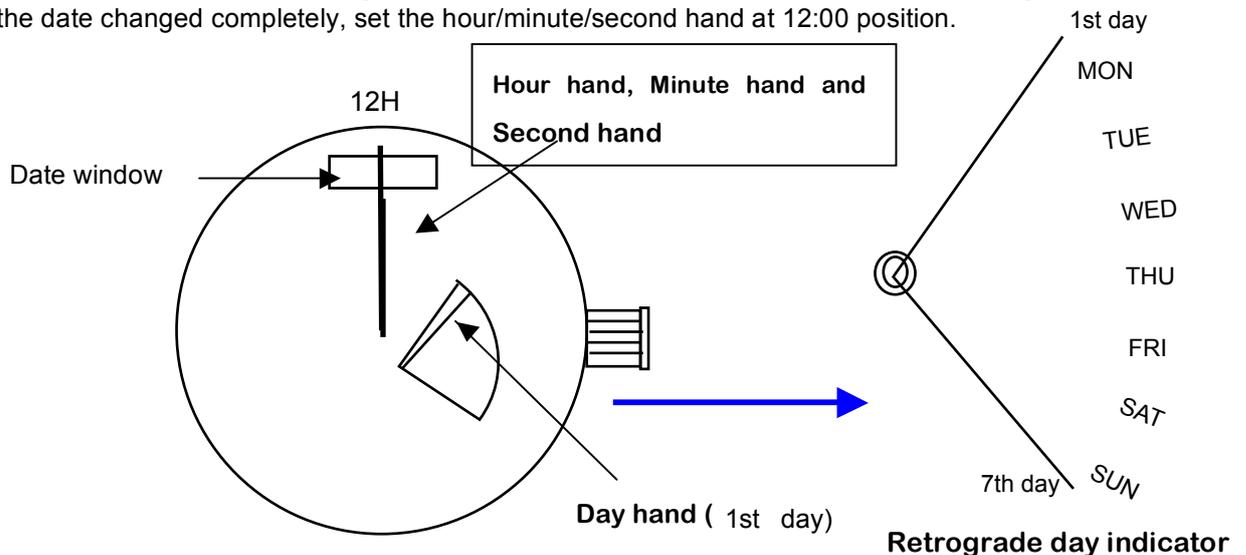
<How to check the position of the first day>

- *Turn the winding stem until you hear a sound. Be sure to check the sound of the day correcting.
- *Check the shape of the cam in the hole as illustrated below.



2) Dial and hand setting

- Set the dial and set the day hand to the first day position. Be sure to check the setting position by turning the crown clockwise. Pull out the winding stem to the second click and turn it until the date changes. After the date changed completely, set the hour/minute/second hand at 12:00 position.



■ **Setting Position of** ② Small day wheel to ⑬ Date driving wheel – calendar mechanism

⑦ Date dial guard 0808 512	⑥ Intermediate wheel for day correction 0989 890	⑧ Date corrector setting wheel 0737 891	
⑪ Date jumper 0808 512			④ Spring for Day operating lever 1018 504
⑤ Day star wheel 0871 500			⑨ Second intermediate wheel for calendar correction 0962 891
② Small day wheel 1019 500	⑬ Date driving wheel 0802 890	③ Day operating Lever 1017 501	⑩ Date dial 0878 ***

II. Value Checking

■ ⑳ Coil Block (4002 760) resistance
0.75kΩ - 1.1kΩ

■ Current Consumption for ⑰ Circuit Block (4000 760)

For the Whole movement: Less than 2.10 μA

For the circuit block only: Less than 0.28 μA

TECHNICAL GUIDE

III. Troubleshooting

Symptoms	Problems	Solutions
The watch stops.	The battery is weak or dead.	Measure the battery voltage. Change the battery.
	The hands are worn out.	Change the hands.
	The coil is burned out.	Measure the coil block resistance. Change the coil block.
	The wheels are soiled with dirt and dust. The amount of oil is excessive (wringing).	Remove all dust or dirt. Clean the relevant parts. Be careful not to damage the teeth of the plastic parts while cleaning.
The current consumption for the whole movement is excessive.	Dirt, dust or a chip adheres to the movement.	Remove all dust or dirt.
	The driving pulse is generated due to the excessive load to the wheels. (The oil is deteriorated, leaked or has run out.)	Measure the current consumption for the circuit block alone. If the result is within the standard range, overhaul and clean the movement parts, and then measure the current consumption for the whole movement again.
The date or day hand does not move.	The relevant wheels are disengaged. The relevant jumpers are disengaged.	Check the setting position of the relevant wheels and jumpers.