

SEIKO

QUARTZ

Cal. 2661A

PARTS LIST

Cal. 2661A



131 268	231 260	☆241 263	261 260	☆270 261	☆271 262	281 261
282 262	☆354 261	☆354 263	383 260	384 261	387 261	389 260
391 260	436 261	491 260	493 260	495 260	560 260	701 260
706 260	4001 272	☆4002 261	4146 260	4216 260	4219 261	4239 260
4242 260	4270 260	4455 260	011 409	☆SEIKO SB-DL		

012 151	012 159	012 459	012 768	017 125	017 126	017 127
						$\frac{2}{1}$
017 131	017 132	017 149	017 159	017 936		$\frac{2}{1}$

Cal. 2661A

Characteristics

Casing diameter: ϕ 17.6 mm
 Maximum height: 3.0 mm without battery
 Jewels: 2 j
 Frequency of quartz crystal oscillator: 32,768Hz (Hz = Hertz. . . . Cycles per second)
 Driving system: Step motor system (2 poles)
 Regulation system: Trimmer condenser
 Second setting device
 Battery life indicator: Second hand moves in two-second interval.

PART NO.	PART NAME	PART NO.	PART NAME
131 268	Third wheel bridge	4216 260	Insulator for battery
231 260	Third wheel & pinion	4219 261	Insulator for battery connection
☆ 241 263	Fourth wheel & pinion (3.70 mm)	4239 260	Rotor stator
☆241 265	Fourth wheel & pinion (3.80 mm)	4242 260	Plus terminal of battery connection
☆241 266	Fourth wheel & pinion (4.22 mm)	4270 260	Battery connection
☆241 267	Fourth wheel & pinion (4.81 mm)	4455 260	Reset lever
261 260	Minute wheel	011 409	Upper hole jewel for step rotor
☆ 270 261	Center minute wheel with cannon pinion (2.26 mm)	011 409	Lower hole jewel for step rotor
☆270 263	Center minute wheel with cannon pinion (1.74 mm)	012 151	Third wheel bridge screw
☆270 264	Center minute wheel with cannon pinion (2.85 mm)	012 151	Circuit block screw A
☆270 271	Center minute wheel with cannon pinion (1.84 mm)	012 151	Coil block screw (Screw for plus terminal of battery connection)
☆ 271 262	Hour wheel (0.85 mm)	012 159	Circuit block screw B
☆271 266	Hour wheel (0.95 mm)	012 459	Case screw
☆271 267	Hour wheel (1.37 mm)	012 768	Setting lever axle spring screw
☆271 268	Hour wheel (1.91 mm)	012 768	Minute wheel bridge screw
281 261	Setting wheel	017 125	Tube for circuit block A
282 262	Clutch wheel	017 126	Tube for circuit block B
☆ 354 261	Winding stem (13.13 mm)	017 127	Tube for circuit block C
☆ 354 263	Winding stem (18.58 mm)	017 131	Tube for coil block screw
383 260	Setting lever	017 132	Second setting lever pin
384 261	Yoke (Clutch lever)	017 149	Tube for third wheel bridge screw A
387 261	Minute wheel bridge	017 159	Tube for third wheel bridge screw B
389 260	Setting lever axle spring	017 936	Eccentric dial pin
391 260	Second setting lever	☆SEIKO TR726SW }	Silver peroxide battery
436 261	Lower end-piece for third wheel	☆SEIKO SB-DL }	Silver oxide battery
491 260	Dial washer	☆Maxell SR726SW }	
493 260	Hour wheel ring (Thickness 0.03 mm, gold)		
493 261	Hour wheel ring (Thickness 0.05 mm, silver)		
493 262	Hour wheel ring (Thickness 0.07 mm, gold)		
495 260	Spacer for third wheel bridge		
560 260	Friction spring for fourth wheel & pinion		
701 260	Fifth wheel & pinion		
706 260	Sixth wheel & pinion		
4001 272	Circuit block		
☆ 4002 261	Coil block		
4146 260	Step rotor		





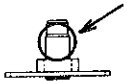
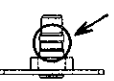
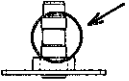
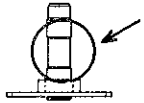
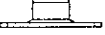

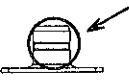
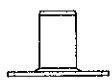
☆⇨ Please see remarks on the reverse page.
 Part numbers in light letters are not shown in photos.

Cal. 2661A

Remarks :

Fourth wheel & pinion, Center minute wheel with cannon pinion, Hour wheel.
There are four different types as specified below.

Combination:

	a	b	c	d
Fourth wheel & pinion				
	☆241 263	☆241 265	☆241 266	☆241 267
Center minute wheel with cannon pinion				
	☆270 263	☆270 271	☆270 261	☆270 264
Hour wheel	Silver 	Gold 	Silver 	Silver 
	☆271 262	☆271 266	☆271 267	☆271 268

Winding stem.....Refer to the photograph on the front page.

- ☆354 261Short winding stem (Thread is provided completely on the crown portion.)
- ☆354 263Long winding stem (Thread is provided only on the end of the crown portion.)

If the combination of the winding stem and case is unknown, check the case number and refer to "SEIKO Quartz Casing Parts List" to choose a corresponding winding stem.

Coil block

- ☆4002 261The parts that have the same parts No. as 4002 261 are interchangeable, even if the color of that parts is different.

Battery

- ☆SEIKO TR726SW
 - ☆SEIKO SB-DL
 - ☆Maxell SR726SW
-The applied battery for this calibre might be added the substitutive in the future. In that case, please refer to separate "BATTERIES FOR SEIKO QUARTZ WATCHES".

I. SPECIFICATIONS

CAL. 2661A

Item \ Cal. No.	2620 A	2622 A	2623 A	2633 A	2639 A	2661A
Time indication	2 hands	3 hands	3 hands	3 hands	2 hands	3 hands
Additional mechanism	Date	—	○	○	○	—
	Day	—	—	○	○	—
	Bilingual change-over system for the day of the week	—	—	○	○	—
	Instant day setting device	—	—	○	○	—
	Instant date setting device	—	○	○	○	—
	Second setting device (Stops at every second)	—	○	○	○	○
	Battery life indicator	—	○	○	○	—
	Electronic circuit reset switch	○	○	○	○	○
Crystal oscillator	32,768 Hz (Hz = Hertz . . . Cycle per second)					
Loss/gain	Loss/gain at normal temperature Monthly rate: less than 15 seconds (Annual rate: less than 3 minutes)					Loss/gain at normal temperature Monthly rate: less than 5 seconds (Annual rate: less than 1 minute)
Casing diameter	φ17.6mm (16.00mm between 3 o'clock and 9 o'clock sides)			φ25.4mm (23.4mm between 3 o'clock and 9 o'clock, 6 o'clock and 12 o'clock sides)		φ17.6mm (16.00mm between 3 o'clock and 9 o'clock sides)
Height (excluding battery portion)	3.0mm	3.2mm	3.5mm		3.2mm	3.0mm
Operational temperature range	-10°C ~ +60°C (14°F ~ 140°F)					
Driving system	Step motor system (2 poles)					
Regulation system	Trimmer condenser					
Battery power	SEIKO SB-DL • Battery life: Approx. two years • Voltage: 1.55V Maxell SR726SW • Battery life: Approx. one year • Voltage: 1.55V	SEIKO SB-D1 • Battery life: Approx. three years • Voltage: 1.55V U.C.C. 384, 392 or Maxell SR-41SW • Battery life: Approx. two years • Voltage: 1.55V		SEIKO SB-AP Maxell SR926SW • Battery life: Approx. two years • Voltage: 1.55V		SEIKO SB-DL • Battery life: Approx. three years • Voltage: 1.55V Maxell SR726SW • Battery life: Approx. two years • Voltage: 1.55V
Jewel	2 jewels					

Remarks: Refer to TECHNICAL GUIDE Cal. 2633 for disassembling and reassembling, and checking and adjustment of Cal. 2661.