



Seiko 14A Movement Parts (1)

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SEIKO

QUARTZ

Cal. 14A

EMMYWATCH
VINTAGE RESTORATIONS

PARTS LIST

Cal. 14A



Wheel next to 4211



121 140



131 140



☆224 140



231 140



241 140



261 140



☆271 140



282 140



☆351 142



☆351 143



383 140



384 140



387 140



388 140



391 140



490 140



491 140



493 160



4001 140



4002 140



4146 140



☆4225 140



4239 140



☆4242 140



☆4242 143



4270 140



4446 140



011 326



011 541



☆SEIKO SB-DG

012 155	☆012 156	012 157	012 208	☆012 374	☆012 461	☆012 464	012 777	☆012 783
017 146	017 147	017 148	017 150	017 151	017 160			

☆ ⇨ Please see remarks on the next page.

Cal. 14A

Characteristics

Casing diameter: 15.1 mm × 13.0 mm
 Maximum height: 2.3 mm without battery
 Jewels: 6 j
 Frequency of quartz crystal oscillator: 32,768 Hz (Hz=Hertz Cycles per second)
 Driving system: Step motor system (2 poles)
 Regulation system: Trimmer condenser

PART NO.	PART NAME	PART NO.	PART NAME
121 140	Center wheel bridge	4001 140	Circuit block
131 140	Third wheel bridge	4002 140	Coil block
☆224 140	Center wheel with cannon pinion (3.39 mm)	4146 140	Step rotor
☆224 141	Center wheel with cannon pinion (3.49 mm)	☆4225 140	Holding ring for battery
☆224 142	Center wheel with cannon pinion (3.61 mm)	4239 140	Rotor stator
☆224 143	Center wheel with cannon pinion (3.86 mm)	☆4242 140	Plus terminal of battery connection
☆224 144	Center wheel with cannon pinion (4.27 mm)	☆4242 143	Plus terminal of battery connection
231 140	Third wheel & pinion	4270 140	Battery connection
241 140	Fourth wheel & pinion	4446 140	Crystal unit cushion
261 140	Minute wheel	011 326	Upper hole jewel for third wheel
☆271 140	Hour wheel (0.85 mm, silver)	011 326	Lower hole jewel for third wheel
☆271 141	Hour wheel (0.95 mm, gold)	011 326	Lower hole jewel for fourth wheel
☆271 142	Hour wheel (1.00 mm, silver)	011 541	Upper hole jewel for fourth wheel
☆271 143	Hour wheel (1.32 mm, silver)	011 541	Upper hole jewel for step rotor
☆271 144	Hour wheel (1.73 mm, silver)	011 541	Lower hole jewel for step rotor
282 140	Clutch wheel	012 155	Dial screw
☆351 142	Winding stem (14.10 mm)	012 156	Coil block screw
☆351 143	Winding stem (17.60 mm)	☆012 156	Circuit block screw A
383 140	Setting lever	012 156	Center wheel bridge screw
384 140	Yoke (Clutch lever)	012 157	Third wheel bridge screw
387 140	Minute wheel bridge	012 208	Setting lever spring screw
388 140	Setting lever spring	☆012 374	Screw for holding spring for battery
391 140	Second setting lever	☆012 461	Circuit block screw D
490 140	Center wheel friction spring	☆012 464	Circuit block screw C
491 140	Dial washer	012 777	Minute wheel bridge screw
493 160	Hour wheel ring (Thickness 0.03 mm, gold)	☆012 783	Circuit block screw B
493 161	Hour wheel ring (Thickness 0.05 mm, silver)	017 146	Tube for center wheel bridge screw
493 162	Hour wheel ring (Thickness 0.07 mm, gold)	017 147	Tube for third wheel bridge screw
		017 148	Tube for setting lever
		017 150	Tube for coil block
		017 151	Tube for circuit block A
		017 160	Tube for circuit block B
		☆SEIKO TR621SW	Silver peroxide battery
		☆SEIKO SB-DG	
		☆Toshiba W1V	
		☆Maxell SR41SW	

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

☆351 142.....Short winding stem (Thread is provided completely on the crown portion.)

☆351 143.....Long 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.

Battery

☆SEIKO TR621SW } 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".
 ☆SEIKO SB-DG }

☆⇔ Please see remarks.

Part numbers in light letters are not shown in photos.

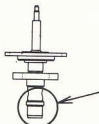

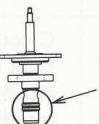







Cal. 14A

Remarks :

Center wheel with cannon pinion, Hour wheel

There are five different types as specified below.

Combination:

Type	Center wheel with cannon pinion	Hour wheel
a		Silver 
	☆224 140	☆271 140
b		Gold 
	☆224 141	☆271 141
c		Silver 
	☆224 142	☆271 142
d		Gold 
	☆224 143	☆271 143
e		Silver 
	☆224 144	☆271 144

Holding ring for battery, Plus terminal of battery connection, Circuit block screw A, B, C and D, Screw for holding spring for battery

There are two different types as specified below

Combination:

Type	Holding ring for battery	Plus terminal of battery connection	Screw for holding spring for battery	Circuit block screw A, B, C and D
The model with holding ring for battery	☆4225 140	☆4242 143	☆012 374	☆012 156(A) ☆012 461(D) ☆012 464(C) ☆012 783(B)
The model without holding ring for battery	—	☆4242 140	—	☆012 156(A) (2 pieces) ☆012 464(C) ☆012 783(B)