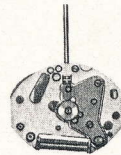
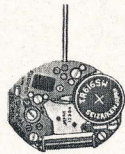


Cal. 1230A



125 126



139 121



231 122



261 121



☆270 126



☆271 126



281 121



282 122



☆351 117



383 121



384 121



388 120



391 121



491 122



493 130



4001 299



4002 121



4146 121



4219 120



4219 121



4239 121



4270 120



4271 120



4408 121



4408 122



4446 120



SEIKO TR616SW



012 490



012 792



012 796



017 556



017 558



017 586



017 642.



017 643



017 644



017 645



017 647

2/1

Cal. 1230A

Characteristics

Casing diameter : 15.1 × 13.0 mm
 Maximum height : 1.9 mm without battery
 Jewels : 2 j
 Frequency of quartz crystal oscillator : 32,768 Hz (Hz=Hertz Cycles per second)
 Driving system : Step motor (2 poles)
 Regulation system : Trimmer condenser
 Train wheel setting

PART NO.	PART NAME	PART NO.	PART NAME
125 126	Train wheel bridge	017 647	Tube for coil block
139 121	Lower bridge for third wheel	SEIKO TR616SW	Silver (II) oxide battery
231 122	Third wheel & pinion	Maxell SR616SW	Silver oxide battery
261 121	Minute wheel		
☆270 126 }	Center minute wheel with cannon pinion		
☆270 128 }			
☆271 126 }	Hour wheel		
☆271 128 }			
281 121	Setting wheel		
282 122	Clutch wheel		
☆351 117	Winding stem		
383 121	Setting lever		
384 121	Yoke (Clutch lever)		
388 120	Setting lever spring		
391 121	Train wheel setting lever		
491 122	Dial spacer		
493 130	Hour wheel ring		
	(Gold, 0.03 mm thickness)		
493 131	Hour wheel ring		
	(Silver, 0.05 mm thickness)		
493 132	Hour wheel ring		
	(Gold, 0.07 mm thickness)		
4001 299	Circuit block		
4002 121	Coil block		
4146 121	Step rotor		
4219 120	Battery connection insulator (A)		
4219 121	Battery connection insulator (B)		
4239 121	Rotor stator		
4270 120	Battery connection (—)		
4271 120	Battery connection (+)		
4408 121	Setting lever spring spacer		
4408 122	Dial spacer		
4446 120	Crystal unit cushion		
011 409	Upper hole jewel for step rotor		
011 541	Lower hole jewel for step rotor		
012 490	Train wheel bridge screw		
012 490	Coil block screw		
012 792	Circuit block screw		
012 796	Setting lever spring screw		
012 796	Screw for lower bridge for third wheel		
017 556	Tube for yoke		
017 558	Tube for lower bridge for third wheel		
017 586	Minute wheel pin		
017 642	Tube for train wheel bridge (A)		
017 643	Tube for train wheel bridge (B)		
017 644	Tube for circuit block (A)		
017 645	Tube for circuit block (B)		

☆◇Please see remarks on the reverse page.

Part numbers in light letters are not shown in photos.

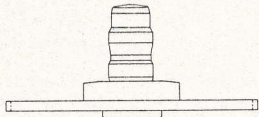
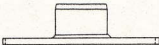
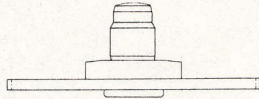
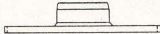
Cal. 1230A

Remarks :

Center minute wheel with cannon pinion, Hour wheel

There are two different types as specified below.

Combination :

Type.	Center minute wheel with cannon pinion	Hour wheel
a	 ☆270 126	 ☆271 126
*b	 ☆270 128	 ☆271 128

☆As of this printing the type b combination is not used.

However it may be employed in the future with certain case designs.

Winding stem

☆351 117.....Refer to the photograph on the front page.

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