

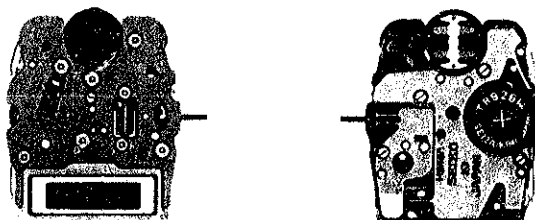
SEIKO

QUARTZ

Cal. H249A

PARTS LIST

Cal. H249A



125 002



☆221 025



231 135



241 303



261 017



☆271 054



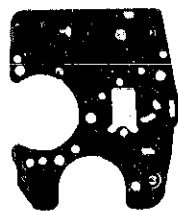
351 080



491 004



735 004



4001 135



4002 130



4146 130



4216 058



4238 480



4239 022



4245 029



4247 136



4247 301



4256 003



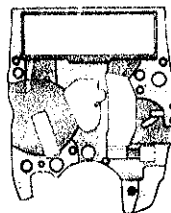
4270 030



4282 131



4313 028



4398 074



4398 134



4408 023



4408 024



4446 010



4450 131



☆4510 292



4580 130



4991 001



011 409



011 541



☆SEIKO TR926W

12	17	18	19	20	21	22	23
012 292	012 460	012 470	017 213	017 214	017 216	017 217	3/1

Cal. H249A

Characteristics

Casing diameter : 26.1 × 22.7 mm
 Maximum height : 3.1 mm without battery
 Jewels : 2 j
 Frequency of quartz crystal oscillator : 32,768 Hz (Hz = Hertz Cycles per second)
 Analogue indication : Two hand time indication (Hour and minute)
 Hand setting system : Automatic electronic-hand-setting by crown (turning the crown clockwise or counter clockwise)
 Digital time and calendar display : Hour (24 hour indication or 12 hour indication), "A" (A.M.)/"P" (P.M.), minute, second, date and day of the week. (The month is displayed only when the calendar is adjusted.)
 Alarm display : Can be set to operate at any desired hour and minute.
 Stop watch display : Digital Display System showing minute and 1/10 second up to 30 minutes.
 Tri-time function : The home time display and the local time display in the digital function, and the time display in the analogue function.
 Driving system : Step motor (2 poles)
 Regulation system : Trimmer condenser
 Display medium : Nematic Liquid Crystal, FE-Mode
 Time signal : It can be set to ring every hour on the hour.
 Battery life indicator : All the digits in the display begin flashing

PART NO.	PART NAME	PART NO.	PART NAME
125 002	Train wheel bridge	☆Maxell SR926W ☆UCC 399	Silver oxide battery
☆221 025	Center wheel & pinion (2.92 mm)		
☆221 301	Center wheel & pinion (3.12 mm)		
231 135	Third wheel & pinion		
241 303	Fourth wheel & pinion		
261 017	Minute wheel		
☆271 054	Hour wheel (1.38 mm)		
☆271 301	Hour wheel (1.48 mm)		
351 080	Winding stem		
491 004	Dial washer		
735 004	Winding stem holder		
4001 135	Circuit block		
4002 130	Coil block		
4146 130	Step rotor		
4216 058	Insulator for circuit block		
4238 480	Switch lever spring		
4239 022	Rotor stator		
4245 029	Switch spring		
4247 136	Bush for contact point lever		
4247 301	Bush for rotor stator		
4256 003	Speaker block fixing spring		
4270 030	Battery connection (-)		
4282 131	Contact point lever		
4313 028	Connector		
4398 074	Liquid crystal panel frame		
4398 134	Speaker block frame		
4408 023	Circuit board washer		
4408 024	Friction washer for contact point lever		
4446 010	Crystal unit cushion		
4450 131	Switch lever		
☆4510 292 } ☆4510 293 } ☆4510 294 }	Liquid crystal panel		
4580 130	Speaker block		
4991 001	Speaker gasket		
011 409	Upper hole jewel for step rotor		
011 541	Lower hole jewel for step rotor		
012 292	Train wheel bridge screw		
012 292	Circuit block screw (B)		
012 460	Circuit block screw (A)		
012 470	Circuit block screw (C)		
017 213	Tube for train wheel bridge		
017 214	Tube for circuit block screw (A)		
017 216	Tube for circuit block screw (B)		
017 217	Tube for circuit block screw (C)		
☆SEIKO TR926W	Silver (II) oxide battery		



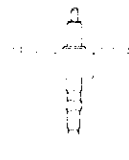
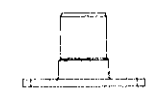
☆⇒ Please see remarks on the reverse page.
 Part numbers in light letters are not shown in photos.

Cal. H249A

Remarks :

Center wheel & pinion, Hour wheel

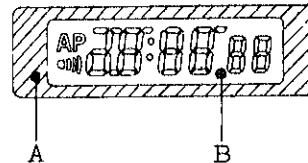
There are two different types as specified below.
Combination:

Type	Center wheel & pinion	Hour wheel
a	 ☆221 025	 ☆271 054
b	 ☆221 301	 ☆271 301

Liquid crystal panel

There are three different Liquid crystal panel as specified below.
Combination of Liquid crystal panel color.

Liquid crystal panel	A portion	B portion
☆4510 292	Silver	Silver
☆4510 293	Gold	Gold
☆4510 294	Gold	Silver



The color of liquid crystal panel is based on the design of cases and dials.
Check the case number and refer to "SEIKO Quartz Casing Parts List" to choose a corresponding liquid crystal panel.

Battery

☆SEIKO TR926W }
 ☆Maxell SR926W }In that case, please refer to separate "BATTERY LIST FOR SEIKO QUARTZ
 ☆U.C.C.399 } **WATCHES".**
 Note that SEIKO battery is marked with "SEIZAIKEN" on its (+) side.