
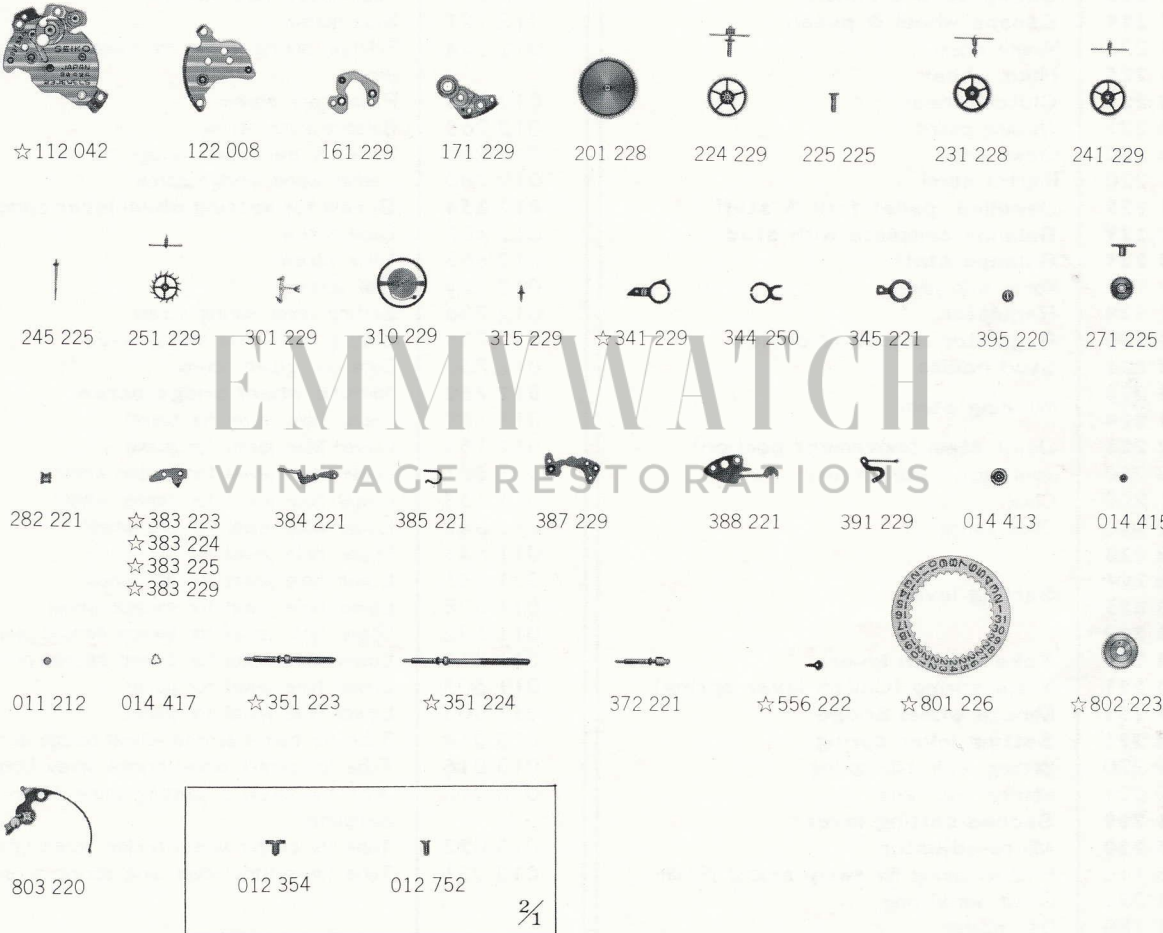




Seiko 2242A Movement Parts (1)

Compiled by EmmyWatch - <https://www.emmywatch.com>

SEIKO

Calibre No. 2242A ⇒ Basic Calibre 2202A 21J Catalog No. 22-02-1	Jewels 23j	Style Name ASAHI
<div>  <p>Cal. 2242A</p> </div>		Characteristics Casing diameter : 17.20 ϕ mm Maximum height : 3.80 mm Vibrations per hour : 28,800 Non-automatic with sweep second Calendar (date) Instant date setting Second-setting device Micro-adjustor "Diashock" Shock Resistant Device "Diafix" Oil Lubrication Device
<div>  </div>		

☆⇒ Please see remarks on the next page.

As for all other parts not shown here, please refer to the basic calibre

(Cal. No. **2202A** 21J Catalog No. 22-02-1 Red page).

Calibre No.		Jewels	Style Name
2242A		23j	
⇒ Basic Calibre 2202A 21J Catalog No. 22-02-1			
PART NO.	LIST OF MATERIALS	PART NO.	LIST OF MATERIALS
☆ 112 042	Barrel & train-wheel bridge	☆ 556 221	Date finger
122 008	Center wheel bridge	☆ 556 222	
161 229	Pallet cock	☆ 801 220	Date dial
171 229	Balance cock	☆ 801 222	
201 228	Complete barrel with arbor & mainspring	☆ 801 226	Date driving wheel
224 229	Center wheel & pinion with cannon pinion	☆ 802 220	
225 225	Cannon pinion	☆ 802 223	Setting wheel lever complete
231 228	Third wheel & pinion	803 220	
241 229	Fourth wheel & pinion	808 220	Date dial guard
245 225	Sweep second pinion	810 220	Date jumper
251 229	Escape wheel & pinion	811 220	Date jumper spring
261 222	Minute wheel	817 220	Intermediate date wheel
271 225	Hour wheel	012 121	Stud screw
282 221	Clutch wheel	012 124	Friction spring screw for sweep second pinion
283 221	Winding pinion	012 204	Pallet cock screw
284 220	Crown wheel	012 263	Balance cock screw
285 220	Ratchet wheel	012 280	Barrel & train-wheel bridge screw
301 229	Jewelled pallet fork & staff	012 280	Center wheel bridge screw
310 229	Balance complete with stud	012 354	Screw for setting wheel lever complete
315 229	Balance staff	012 407	Case screw
331 110	Roller with jewel	012 668	Click screw
☆ 341 229	Regulator	012 724	Dial screw
344 250	Regulator adjusting device	012 736	Setting lever spring screw
345 221	Stud holder	012 736	Setting lever axle spring screw
☆ 351 223	Winding stem	012 750	Date dial guard screw
☆ 351 224		012 752	Minute wheel bridge screw
372 221	Joint stem (movement portion)	011 159	Upper hole jewel for barrel
373 250	Joint stem (case portion)	011 153	Lower hole jewel for barrel
381 220	Click	011 521	Upper hole jewel for center wheel
382 110	Click spring	011 153	Lower hole jewel for center wheel
☆ 383 223	Setting lever	011 542	Lower hole jewel for 3rd wheel
☆ 383 224		011 541	Upper hole jewel for 4th wheel
☆ 383 225		011 541	Lower hole jewel for 4th wheel
☆ 383 229		011 528	Lower hole jewel for escape wheel
384 221	Yoke (Clutch lever)	011 532	Upper hole jewel for sweep second pinion
385 221	Yoke spring (Clutch lever spring)	011 713	Lower hole jewel for sweep second pinion
387 229	Minute wheel bridge	011 505	Upper hole jewel for pallet
388 221	Setting lever spring	011 505	Lower hole jewel for pallet
389 220	Setting lever axle spring	013 014	Tube for barrel & train-wheel bridge screw
390 221	Setting lever axle	013 015	Tube for center wheel bridge screw (long)
391 229	Second-setting lever	013 016	Tube for screw of setting wheel lever complete
395 220	Micro-adjustor	013 022	Tube for center wheel bridge screw (short)
396 110	Friction spring for sweep second pinion	013 031	Tube for setting lever axle spring screw
481 221	Crown wheel ring		
491 180	Dial washer		
768 220	Setting lever axle ring		
014 413	Diashock upper frame		
014 415	Diashock upper hole jewel with frame		
011 212	Diashock upper cap jewel		
014 417	Diashock upper spring		
014 604	Diashock lower frame		
014 605	Diashock lower hole jewel with frame		
011 221	Diashock lower cap jewel		
014 317	Diashock lower spring		
015 511	Diafix upper hole jewel with frame for 3rd wheel		
015 591	Diafix upper hole jewel with frame for escape wheel		
011 221	Diafix cap jewel		
015 513	Diafix spring		

☆⇒ Please see remarks on the next page.

Items in light letters are not shown in photos; those parts are interchangeable with the basic calibre

(Cal. No. 2202A 21J Catalog No. 22-02-1 Red page).

Calibre No.

2242A

Jewels

23j

Style Name

⇒ Basic Calibre 2202A 21J Catalog No. 22-02-1

Remarks :**Barrel & train-wheel bridge**———Refer to diagram on the right.———

- ☆112 042····· These two types of the barrel & train-wheel bridge — Part No. 112 042 — are identical, except for the different positions of the markings (interchangeable).

**Regulator**———Refer to diagram on the right.———

- ☆341 229····· These two types of the regulator —Part No. 341 229 — are identical, except for slight difference in the shapes of the regulator pins (interchangeable).

**Winding stem**———Refer to the photos on the front page and shapes in the lower diagram———

- ☆351 223····· **Short** winding stem (Thread is provided completely on the crown portion.)
 ☆351 224····· **Long** winding stem (Thread is provided only on the end of the crown portion.)



☆ 351 223



☆ 351 224

Setting lever

There are four types of setting levers. They are used according to the structure of cases and types of winding stems. Select a suitable one by the following procedures referring to the shapes indicated in Fig. 1.
 In case of a one-piece water-resistant case, if an incorrect setting lever for dial diameter is used, the winding stem cannot be pulled out or the movement cannot be set in the case.
 Attention must be paid to this point (Refer to Fig. 2, Example of suitable setting lever).

[Fig. 1]



- ☆383 223... { ① Used for watch with joint stem.
 ② Used for watch with ordinary winding stem other than one-piece or square type water-resistant case.

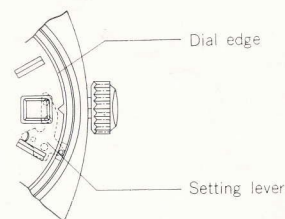
☆383 223 ☆383 224 ☆383 225 ☆383 229

- ☆383 224····· Used for one-piece water-resistant case with ordinary winding stem and dial of diameter 17.50 ~ 18.00 ϕ mm.

- ☆383 225····· Used for one-piece water-resistant case with ordinary winding stem and dial of diameter 18.50 ~ 19.00 ϕ mm.

- ☆383 229····· Used for one-piece water-resistant case with ordinary winding stem and dial of diameter less than 17.00 ϕ mm.

[Fig. 2]



[Example of suitable setting lever]
 Tail of the setting lever is located between the dial and the case.

When parts number of the setting lever is unknown or when ordering setting levers other than the above, specify ① Cal. No. ② jewels ③ dial No. and ④ case No.

Date dial

- ☆801 220 (Red figures on white background)····· Used when both the crown and the date frame are located at **3** o'clock position.
 ☆801 222 (Red figures on white background)····· Used when the crown is located at **3** o'clock position and the date frame at **6** o'clock position.
 ☆801 226 (Black figures on white background)····· Used when both the crown and the date frame are located at **3** o'clock position.

If the date dial is required in any other type, specify ① Cal. No. ② jewels ③ the crown position ④ the date frame position and ⑤ dial No.

—continued on reverse page—

Calibre No.

2242A

Jewels

23j

Style Name

⇒ Basic Calibre 2202A 21J Catalog No. 22-02-1

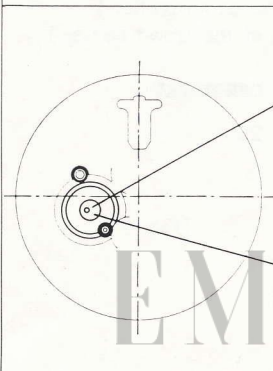



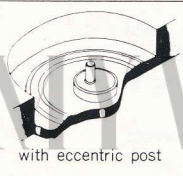


Remarks : — continued —

Date finger, Date driving wheel

Since these parts have two types each, use with the following combination. The parts No. differ according to the shape of the date driving wheel axle pivoting on the main plate. Select a suitable one by referring to the description below when replacing.

- | | |
|--|--|
| ☆556 221(Date finger = silver colour) | } Used only when the date driving wheel axle pivoting on the main plate is without eccentric post. |
| ☆802 220(Date driving wheel = silver colour) | |
| ☆556 222(Date finger = gold colour) | } Used only when the date driving wheel axle pivoting on the main plate is with eccentric post. |
| ☆802 223(Date driving wheel = gold colour) | |

Refer to the following diagram as to distinguish and combine each parts.

Main plate	(Date driving wheel axle)	Date driving wheel	Date finger
	 without eccentric post	 ☆802 220 (silver colour)	 ☆556 221 (silver colour)
	 with eccentric post	 ☆802 223 (gold colour)	 ☆556 222 (gold colour)