

Calibre No. 2242A	Jewels 23j	Style Name P525A
⇨ Basic Calibre 2202A 21J Catalog No. 22-02-1		



Cal. 2242A

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



☆112 042



122 008



161 229



171 229



201 228



224 229



225 225



231 228



241 229



245 225



251 229



301 229



310 229



315 229



☆341 229



344 250



345 221



395 220



271 225



282 221



☆383 223
☆383 224
☆383 225
☆383 229



384 221



385 221



387 229



388 221



391 229



014 413



014 415



011 212



014 417



☆351 223



☆351 224



372 221



☆556 222



☆801 226



☆802 223



803 220



012 354



012 752

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☆⇨ 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		
251 229	Escape wheel & pinion	811 220	Date jumper	
261 222	Minute wheel	817 220		
271 225	Hour wheel	012 121	Date jumper spring	
282 221	Clutch wheel	012 124		
283 221	Winding pinion	012 204	Intermediate date wheel	
284 220	Crown wheel	012 263		
285 220	Ratchet wheel	012 280	Stud screw	
301 229	Jewelled pallet fork & staff	012 280		
310 229	Balance complete with stud	012 354	Friction spring screw for sweep second pinion	
315 229	Balance staff	012 407		
331 110	Roller with jewel	012 668	Pallet cock screw	
☆ 341 229	Regulator	012 724		
344 250	Regulator adjusting device	012 736	Balance cock screw	
345 221	Stud holder	012 736		
☆ 351 223	Winding stem	012 750	Barrel & train-wheel bridge screw	
☆ 351 224		012 752		
372 221	Joint stem (movement portion)	011 159	Center wheel bridge screw	
373 250	Joint stem (case portion)	011 153		
381 220	Click	011 521	Screw for setting wheel lever complete	
382 110	Click spring	011 513		
☆ 383 223	Setting lever	011 542	Case screw	
☆ 383 224		011 541		
☆ 383 225		011 541	Click screw	
☆ 383 229		011 541		
384 221	Yoke (Clutch lever)	011 528	Dial screw	
385 221	Yoke spring (Clutch lever spring)	011 532		
387 229	Minute wheel bridge	011 713	Setting lever spring screw	
388 221	Setting lever spring	011 505		
389 220	Setting lever axle spring	011 505	Setting lever axle spring screw	
390 221	Setting lever axle	013 014		
391 229	Second-setting lever	013 015	Date dial guard screw	
395 220	Micro-adjustor	013 016		
396 110	Friction spring for sweep second pinion	013 022	Minute wheel bridge screw	
481 221	Crown wheel ring	013 031		
491 180	Dial washer		Upper hole jewel for barrel	
768 220	Setting lever axle ring			
014 413	Diashock upper frame		Lower hole jewel for barrel	
014 415	Diashock upper hole jewel with frame			
011 212	Diashock upper cap jewel		Upper hole jewel for center wheel	
014 417	Diashock upper spring			
014 604	Diashock lower frame		Lower hole jewel for center wheel	
014 605	Diashock lower hole jewel with frame			
011 221	Diashock lower cap jewel		Lower hole jewel for 3rd wheel	
014 317	Diashock lower spring			
015 511	Diafix upper hole jewel with frame for 3rd wheel		Upper hole jewel for 4th wheel	
015 591	Diafix upper hole jewel with frame for escape wheel			
011 221	Diafix cap jewel		Lower hole jewel for 4th wheel	
015 513	Diafix spring			
			Lower hole jewel for escape wheel	
			Upper hole jewel for sweep second pinion	
			Lower hole jewel for sweep second pinion	
			Upper hole jewel for pallet	
			Lower hole jewel for pallet	
			Tube for barrel & train-wheel bridge screw	
			Tube for center wheel bridge screw (long)	
			Tube for screw of setting wheel lever complete	
			Tube for center wheel bridge screw (short)	
			Tube for setting lever axle spring screw	

☆⇨ 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).

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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).

- ☆ 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.

- ☆ 383 224..... 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.

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.

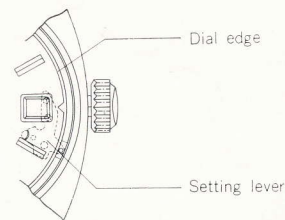
If the date dial is required in any other type, specify ① Cal. No. ② jewels ③ the crown position ④ the date frame position and ⑤ dial No.

[Fig. 1]



☆ 383 223 ☆ 383 224 ☆ 383 225 ☆ 383 229

[Fig. 2]



[Example of suitable setting lever]

Tail of the setting lever is located between the dial and the case.

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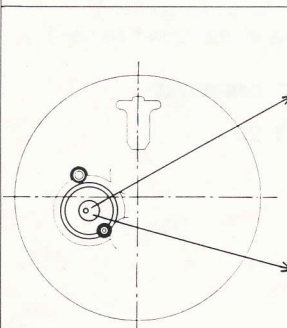

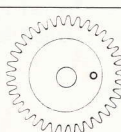

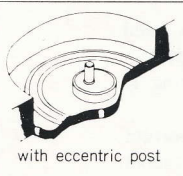
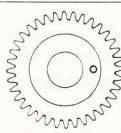

Remarks : — continued —

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)