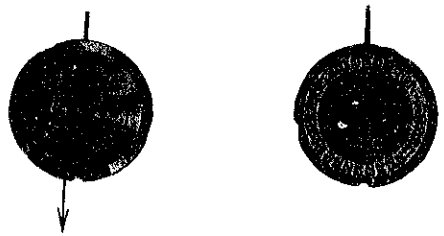
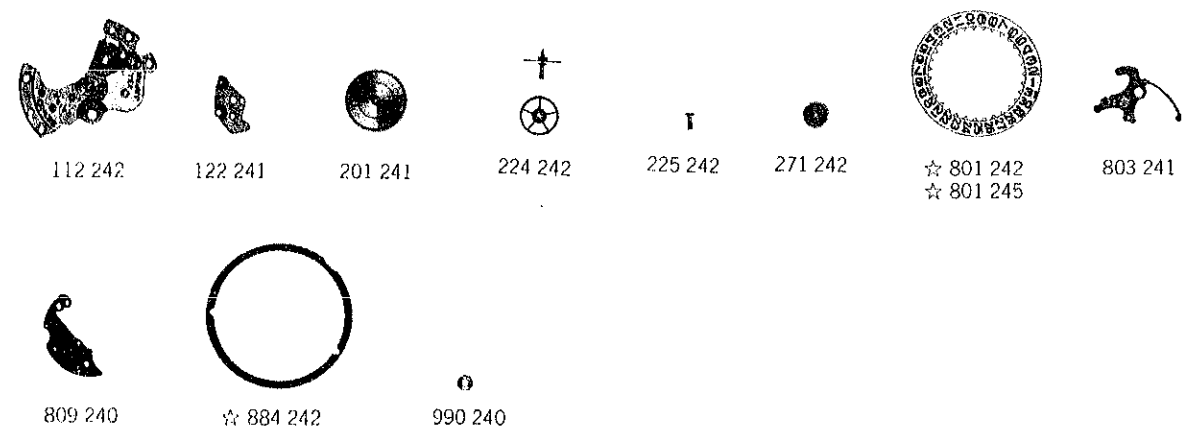


Calibre No. <b>2415A</b> ⇒ Basic Calibre 2406A 23J Catalog No. 24-06-1	Jewels <b>23j</b>	Style Name
 <p>Cal. 2415A</p>		
<p><b>Characteristics</b></p> <p>Casing diameter : 19.00<sup>φ</sup> mm          Maximum height : 4.38 mm          Vibrations per hour: 28,800          Automatic and auxiliary hand winding          Calendar (date)          Instant date setting          "Diashock" Shock Resistant Device</p>		
		

Catalog No. 24-15-1

Calibre No. <b>2415A</b> ⇒ Basic Calibre 2406A 23J Catalog No. 24-06-1	Jewels <b>23j</b>	Style Name	
<b>PART NO.</b>	<b>LIST OF MATERIALS</b>	<b>PART NO.</b>	<b>LIST OF MATERIALS</b>
<b>112 242</b>	<b>Barrel &amp; train-wheel bridge</b>	011 157	Lower hole jewel for 1st reverser idler
<b>122 241</b>	<b>Center wheel bridge</b>	011 157	Upper hole jewel for 1st reduction wheel
161 240	Pallet cock	011 157	Lower hole jewel for 1st reduction wheel
171 240	Balance cock	011 159	Lower hole jewel for barrel
191 240	Framework for automatic device	011 212	Diashock upper cap jewel
<b>201 241</b>	<b>Complete barrel with arbor &amp; mainspring</b>	011 212	Diashock lower cap jewel
<b>224 242</b>	<b>Center wheel &amp; pinion with cannon pinion</b>	011 422	Upper hole jewel for differential wheel
		011 422	Lower hole jewel for differential wheel
<b>225 242</b>	<b>Cannon pinion</b>	011 505	Upper hole jewel for escape wheel
231 240	Third wheel & pinion	011 505	Lower hole jewel for escape wheel
241 240	Fourth wheel & pinion	011 505	Upper hole jewel for pallet
251 240	Escape wheel & pinion	011 505	Lower hole jewel for pallet
261 240	Minute wheel	011 521	Upper hole jewel for center wheel
<b>271 242</b>	<b>Hour wheel</b>	011 521	Lower hole jewel for center wheel
282 240	Clutch wheel	011 541	Upper hole jewel for 4th wheel
283 240	Winding pinion	011 541	Lower hole jewel for 4th wheel
284 240	Crown wheel	011 542	Upper hole jewel for 3rd wheel
285 240	Ratchet wheel	011 542	Lower hole jewel for 3rd wheel
301 110	Jewelled pallet fork & staff	012 123	Stud screw
310 240	Balance complete with stud	012 126	Center wheel bridge screw
315 240	Balance staff	012 126	Minute wheel bridge screw
331 110	Roller with jewel	012 275	Bridge screw
341 240	Regulator	012 275	Balance cock screw
345 240	Stud holder	012 275	Framework screw for automatic device
☆354 240	Winding stem	012 297	Crown wheel screw
☆354 241		012 421	Transmission wheel screw
☆354 242		012 762	Dial screw
372 240	Joint stem (movement portion)	012 763	Pallet cock screw
373 250	Joint stem (case portion)	012 764	Casing clamp screw
381 240	Click	012 767	Setting lever spring screw
382 030	Click spring	012 767	Date driving wheel screw
☆383 240	Setting lever	012 767	Date jumper guard screw
☆383 241		012 767	Screw for setting wheel lever complete
☆383 242		013 064	Tube for screw of setting wheel lever complete
☆383 243		013 065	Tube for yoke (Tube for barrel & train-wheel bridge screw)
384 240	Yoke (Clutch lever)	013 834	Click pin
387 240	Minute wheel bridge	013 836	Second reduction wheel pin
388 240	Setting lever spring	013 837	Date dial guard pin
390 240	Setting lever axle	014 413	Diashock upper frame
399 003	Casing clamp	014 414	Diashock lower frame
464 240	Holding ring for setting wheel lever complete	014 415	Diashock hole jewel with frame
481 240	Crown wheel ring	014 417	Diashock spring
491 180	Dial washer		
493 070	Hour wheel ring		
505 240	Transmission wheel		
509 240	Oscillating weight with ball-bearing		
511 240	First reduction wheel		
514 240	Second reduction wheel		
531 240	Differential wheel		
556 240	Date finger		
☆801 242	Date dial		
☆801 245			
802 240	Date driving wheel		
<b>803 241</b>	<b>Setting wheel lever complete</b>		
808 240	Date dial guard		
<b>809 240</b>	<b>Date jumper guard</b>		
810 240	Date jumper		
817 240	Intermediate date wheel		
848 240	First reverser idler		
851 240	Second reverser idler		
☆884 242	Holding ring for dial		
<b>990 240</b>	<b>Date driving wheel holder</b>		

☆⇒ Please see remarks on the next page.  
 As for all other parts not shown here, please refer to the basic calibre

(Cal. No. 2406A 23J Catalog No. 24-06-1 Red page).

☆⇒ Please see remarks on the next page.

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

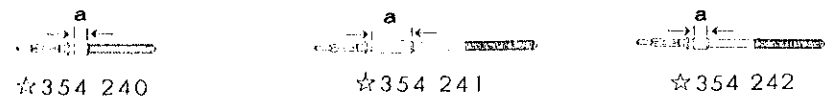
(Cal. No. 2406A 23J Catalog No. 24-06-1 Red page).

Calibre No.	<b>2415A</b>	Jewels	<b>23j</b>	Style Name	
⇒ Basic Calibre 2406A 23J Catalog No. 24-06-1					

**Remarks :**

**Winding stem** — There are three types of winding stems. Select a suitable one by referring to the photographs in the page of the basic calibre and the shapes in the lower diagram.

- ☆354 240.....a size is 1.26 mm and thread is provided completely on the crown portion.
- ☆354 241.....a size is 3.80 mm and thread is provided only on the end of the crown portion.
- ☆354 242.....a size is 1.26 mm and thread is provided only on the end of the crown portion.



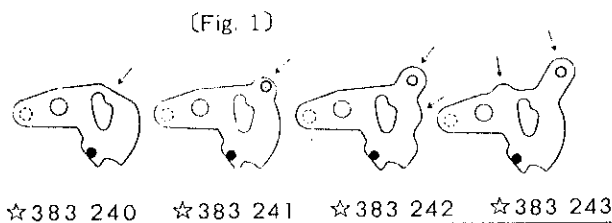
**Setting lever**

There are four types of setting levers. They are used according to the shapes of dial, structures of case and types of winding stem. Select a suitable one by the following procedures referring to the shapes indicated in Fig. 1.

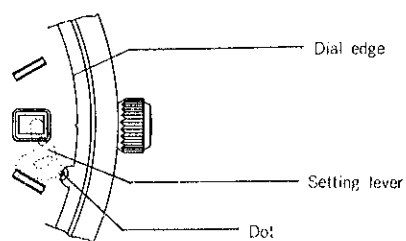
☆383 240.....Used for watch with joint stem, or with ordinary winding stem other than one-piece or square-type water-resistant case.

☆383 241 } Those setting levers are used for  
 ☆383 242 } one-piece or square-type water-resistant case with ordinary winding stem. Select the setting lever whose tail can be set between the dial and the case as shown Fig. 2 when assembling the movement in the case by referring to the shapes in Fig. 1. If an incorrect setting lever for dial diameter is used, the winding stem can not be pulled out or the movement can not be set in the case. Attention must be paid to this point.

When part number of the setting lever is unknown, specify ① Cal. No. ② jewels ③ dial No. and ④ case No.



(Fig. 2)



(Example of suitable setting lever)  
 Tail of the setting lever is located between the dial and the case.

**Date dial**

- ☆801 242.....Used when both the crown and the date frame are located at 3 o'clock position.
- ☆801 245.....Used when the crown is located at 3 o'clock position and the date frame at 6 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.

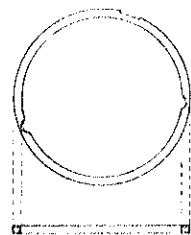
**Holding ring for dial** — The holding ring for dial differs according to the design of the dial. Select the suitable one by the following procedures.

☆884 242.....Refer to the photograph on the front page and Fig. 1.

When ordering the other part than the above, specify the part number printed in the 12 o'clock direction of the dial (Refer to Fig. 2).

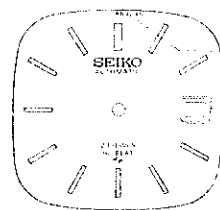
If the part number of the holding ring for dial is unknown, specify ① Cal. No. ② jewels ③ dial No. and ④ case No.

(Fig. 1)



☆884 242

(Fig. 2)



The part number of the holding ring for dial to be used for this dial.