

Calibre No.	5146A	Jewels	Style Name
		27j 30j	
⇒ Basic Calibre 5106A 33J Catalog No. 51-06-1			

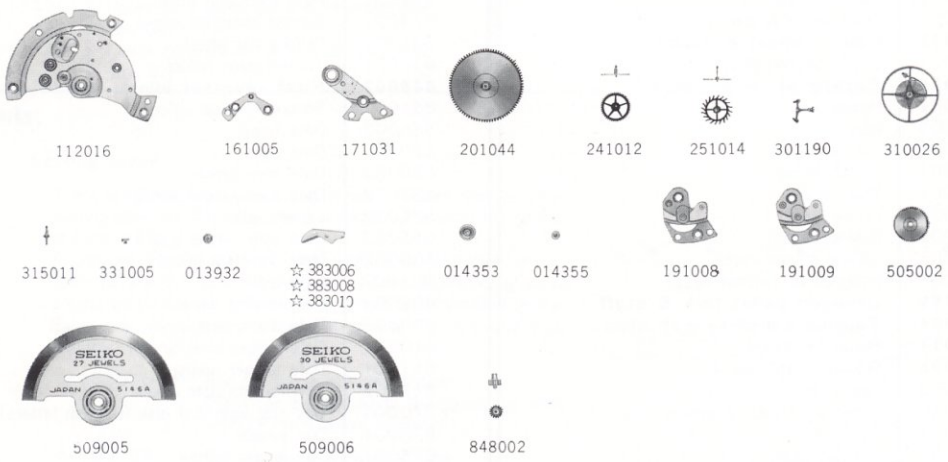
Catalog No. 51-46-1



Cal. 5146A

Characteristics

- Casing diameter: 25.60 φmm
- Maximum height: 4.95 mm
- Vibrations per hour: 28,800
- Automatic and auxiliary hand winding with sweep second
- Calendar (day & date)
- Spontaneous day & date change
- Pushing instant date setting
- Second-setting device
- Micro-adjustor
- "Diashock" Shock Resistant Device
- "Diafix" Oil Lubrication Device



☆ ⇨ Please see remarks on the next page.
 As for all other parts not shown here, please refer to the basic calibre (Cal. No. 5106A 33J Catalog No. 51-06-1 Green page).

Calibre No.		Jewels	Style Name	
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PART NO.	LIST OF MATERIALS	PART NO.	LIST OF MATERIALS	
112016	Barrel & train-wheel bridge	015291	Diafix upper hole jewel with frame for escape wheel	
122002	Center wheel bridge	015291	Diafix lower hole jewel with frame for escape wheel	
161005	Pallet cock	011204	Diafix cap jewel	
171031	Balance cock	015213	Diafix spring	
191008	Framework for automatic device (for 27j)	505002	Transmission wheel	
191009	Framework for automatic device (for 30j)	509005	Oscillating weight with ball-bearing (for 27j)	
201044	Complete barrel with arbor & mainspring	509006	Oscillating weight with ball-bearing (for 30j)	
224004	Center wheel & pinion with cannon pinion	511001	First reduction wheel	
225002	Cannon pinion	514001	Second reduction wheel	
231002	Third wheel & pinion	531001	Differential wheel	
241012	Fourth wheel & pinion	836001	Transmission holder	
245001	Sweep second pinion	848002	First reverser idler	
251014	Escape wheel & pinion	851001	Second reverser idler	
261002	Minute wheel	556002	Date finger	
271003	Hour wheel	559002	Date cam	
281001	Setting wheel	630002	Date cam jumper	
282001	Clutch wheel	631002	Date cam jumper spring	
283001	Winding pinion	652002	Lever slide	
284001	Crown wheel	655002	Date cam jumper guard	
285002	Ratchet wheel	658002	Date corrector guard	
286001	Sliding crown wheel	☆801002	Date dial	
287001	Intermediate ratchet wheel	802002	Date driving wheel	
301190	Jewelled pallet fork & staff	808002	Date dial guard	
310026	Balance complete with stud	810001	Date jumper	
315011	Balance staff	811001	Date jumper spring	
331005	Roller with jewel	817002	Intermediate date wheel	
341003	Regulator	☆870001	Day star with dial disk (English letters)	
344080	Regulator adjusting device	873001	Day jumper	
345004	Stud holder	875001	Day jumper spring	
351036	Winding stem	880002	Date corrector	
361001	Second-setting lever spring	881001	Date corrector lever	
362001	Crown wheel guard	883002	Date corrector spring	
363001	Sliding crown wheel spring	☆884002	} Holding ring for dial	
364001	Sliding crown wheel spring guard	☆884015		
381002	Click	012123	Stud screw	
382001	Click spring	012208	Crown wheel guard screw	
☆ 383006	Setting lever	012237	Setting lever spring screw	
☆ 383008		012237	Setting lever axle spring screw	
☆ 383010		012237	Date corrector spring screw	
384004		012262	Center wheel bridge screw	
385003	Yoke (Clutch lever)	012262	Pallet cock screw	
387002	Yoke spring (Clutch lever spring)	012263	Bridge screw	
388002	Minute wheel bridge	012265	Intermediate date wheel screw	
388002	Setting lever spring	012347	Date corrector guard screw	
389001	Setting lever axle spring	012413	Screw for oscillating weight	
390001	Setting lever axle	012421	Transmission wheel screw	
391003	Second-setting lever	012658	Click screw	
395001	Micro-adjustor	012659	Intermediate ratchet wheel screw	
399003	Casing clamp	012704	Date cam jumper guard screw	
491540	Dial washer	012711	Transmission holder screw	
493002	Hour wheel ring	012718	Minute wheel bridge screw	
014353	Diashock upper frame	012718	Sliding crown wheel spring guard screw	
014334	Diashock lower frame	012726	Casing clamp screw	
014355	Diashock hole jewel with frame	012740	Dial screw	
011204	Diashock cap jewel	012750	Date dial guard screw	
014317	Diashock spring			
015281	Diafix upper hole jewel with frame for 4th wheel			
015281	Diafix lower hole jewel with frame for 4th wheel			

— continued on next 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. **5106A** 33J Catalog No. 51-06-1 Green page).

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PART NO.	LIST OF MATERIALS	PART NO.	LIST OF MATERIALS
011132	Upper hole jewel for center wheel	011422	Upper hole jewel for differential wheel
011104	Lower hole jewel for center wheel	011422	Lower hole jewel for differential wheel
011538	Upper hole jewel for 3rd wheel	013005	Tube for center wheel bridge screw
011538	Lower hole jewel for 3rd wheel	013013	Tube for pallet cock screw
011505	Upper hole jewel for pallet	013106	Tube for date jumper (Tube for date cam jumper guard screw)
011505	Lower hole jewel for pallet	013112	Tube for setting lever spring screw
011710	Lower hole jewel for sweep second pinion	013164	Tube for date corrector guard screw
011151	Upper hole jewel for 1st reduction wheel	013165	Tube for second-setting lever (Tube for date corrector guard screw)
011151	Lower hole jewel for 1st reduction wheel	013932	Micro-adjustor pin
011143	Lower hole jewel for 1st reverser idler (for 30j)		
011422	Upper hole jewel for 2nd reverser idler (for 30j)		
011143	Lower hole jewel for 2nd reverser idler (for 30j)		

Remarks :

Setting lever

There are three types of setting levers. Select the suitable setting lever by following the procedures after referring to the shapes in Fig. 1.

In the one-piece waterproof case, when a setting lever unsuitable for the dial external diameter is used, the winding stem cannot be pulled out or movement cannot be assembled in the case; pay attention to this point. (Refer to Fig. 2, Example of suitable setting lever).

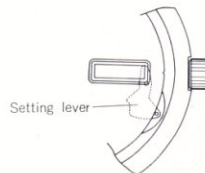
- ☆ 383006 For one-piece waterproof case
(This can be applied to the round dial with 28.50 φmm external diameter.)
- ☆ 383008 For one-piece waterproof case
(This can be applied to the round dial with 27.50 φmm external diameter.)
- ☆ 383010 Used for watches other than one-piece and square type waterproof cases.

If the parts number of the setting lever is unknown or when ordering a setting lever other than the above-mentioned ones, specify ① Cal. No. ② the dial No. and ③ the case No.

(Fig. 1)



(Fig. 2)



(Example of suitable setting lever)

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

Date dial

- ☆ 801002 Used when both the crown and date frame are located at 3 o'clock.

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

Day star with dial disk

- ☆ 870001 (English letters) Used when both the crown and the day frame are located at 3 o'clock.

If the day star with dial disk is required in any other type, specify the number printed on the disk.

Holding ring for dial

There are two types of holding ring for dial. These are identified according to the sectional shape. (Refer to the diagram on the right.)

If the parts number of the holding ring for dial is unknown or the sectional shape is different from the diagram on the right, specify ① Cal. No. ② the dial No. and ③ the case No. when ordering.

