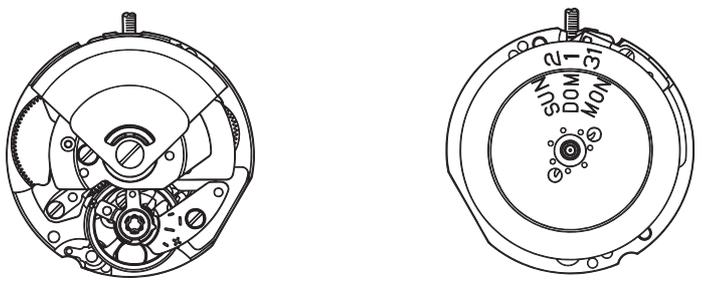


PARTS CATALOGUE/TECHNICAL GUIDE

Cal. 4205B / 4206B / 4207B 4208B / 4225A / 4227A

[SPECIFICATIONS]

Cal. No.		4205B	4208B	4206B	4207B	4225A	4227A
Item							
Movement		 <p>The illustrations refer to Cal. 4206B (x 2.0)</p>					
Movement size	Outside diameter	ø17.5 mm				ø23.8 mm	
	Casing diameter	ø17.2 mm				ø23.4 mm	
	Height	5.6 mm				5.6 mm	
Time indication		Three hands (Hour, minute and second hands)					
Vibrations per hour		21,600 (6 beats per second)					
Additional mechanism	Automatic winding	○	○	○	○	○	○
	Auxiliary hand winding mechanism	○	○	○	○	○	○
	Date calendar	○	○	○	○	○	○
	Day and date calendar			○	○		○
	Instant calendar (date) setting device	○	○	○	○	○	○
	Instant calendar (day and date) setting device			○	○		○
Jewels		17 jewels	21 jewels	17 jewels	21 jewels	21 jewels	21 jewels

SEIKO WATCH CORPORATION

PARTS CATALOGUE

Cal. 4205B, 4206B, 4207B, 4208B, 4225A, 4227A

Disassembling procedures Figs. : ① ~ ⑥①

Reassembling procedures Figs. : ⑥① ~ ①

Lubricating: Type of oil

● Moebius A or AO-3

● SEIKO Watch Oil S-6

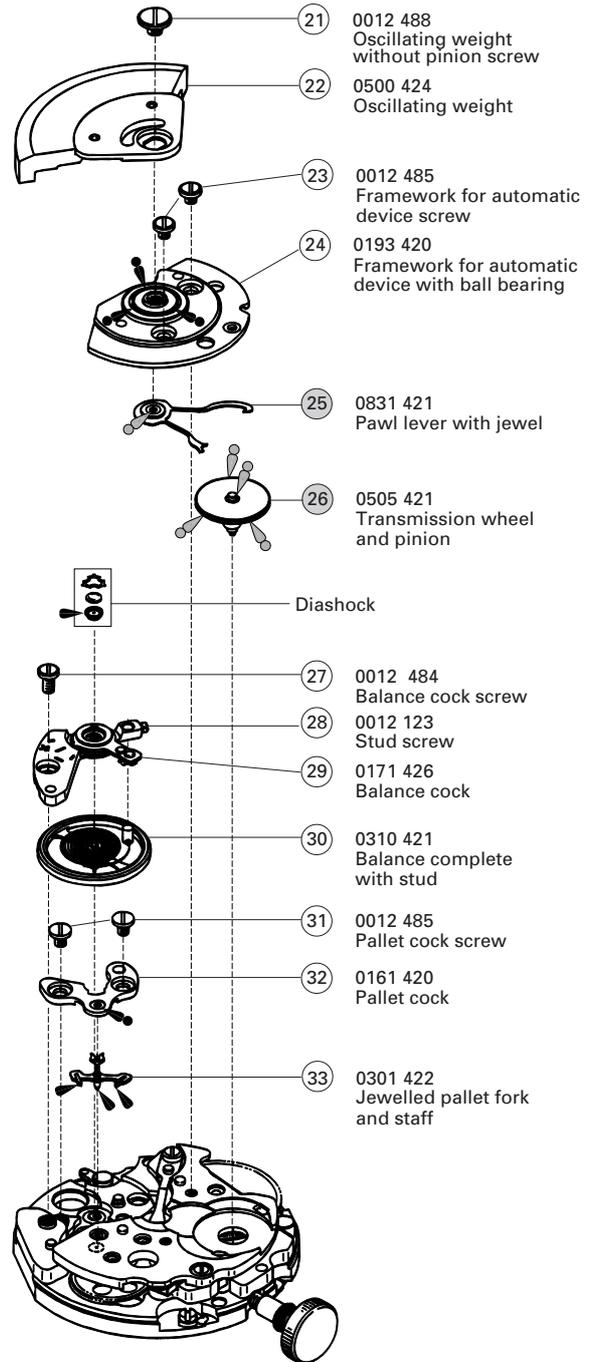
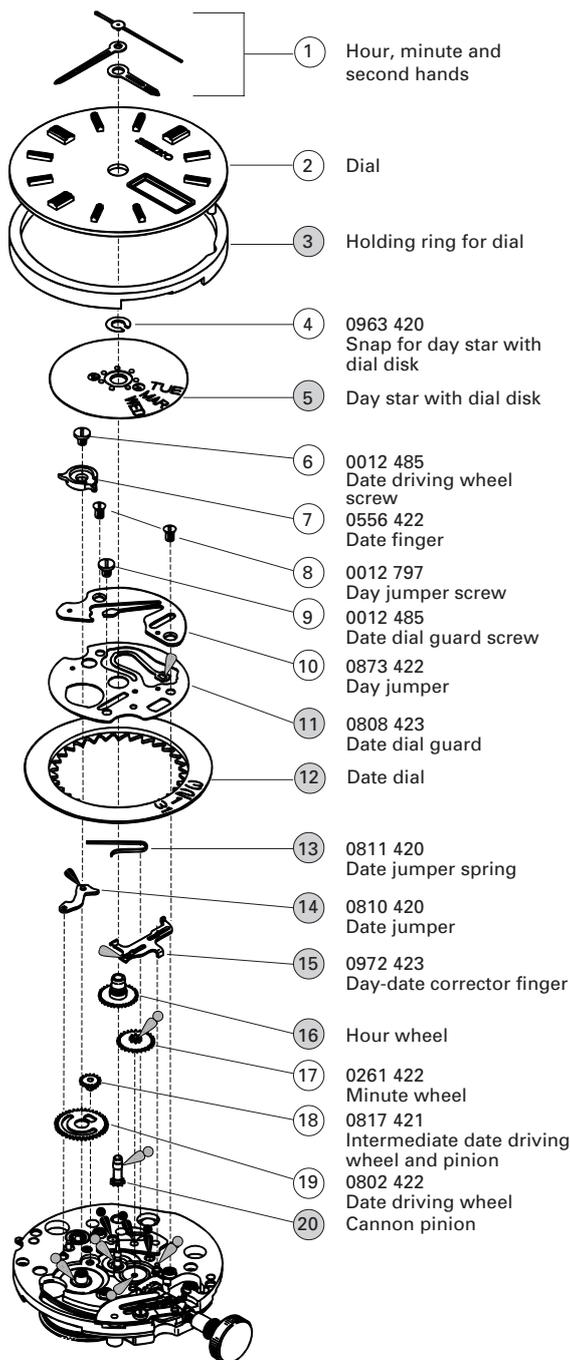
Oil quantity

○ Liberal quantity

○ Normal quantity

○ Extremely small

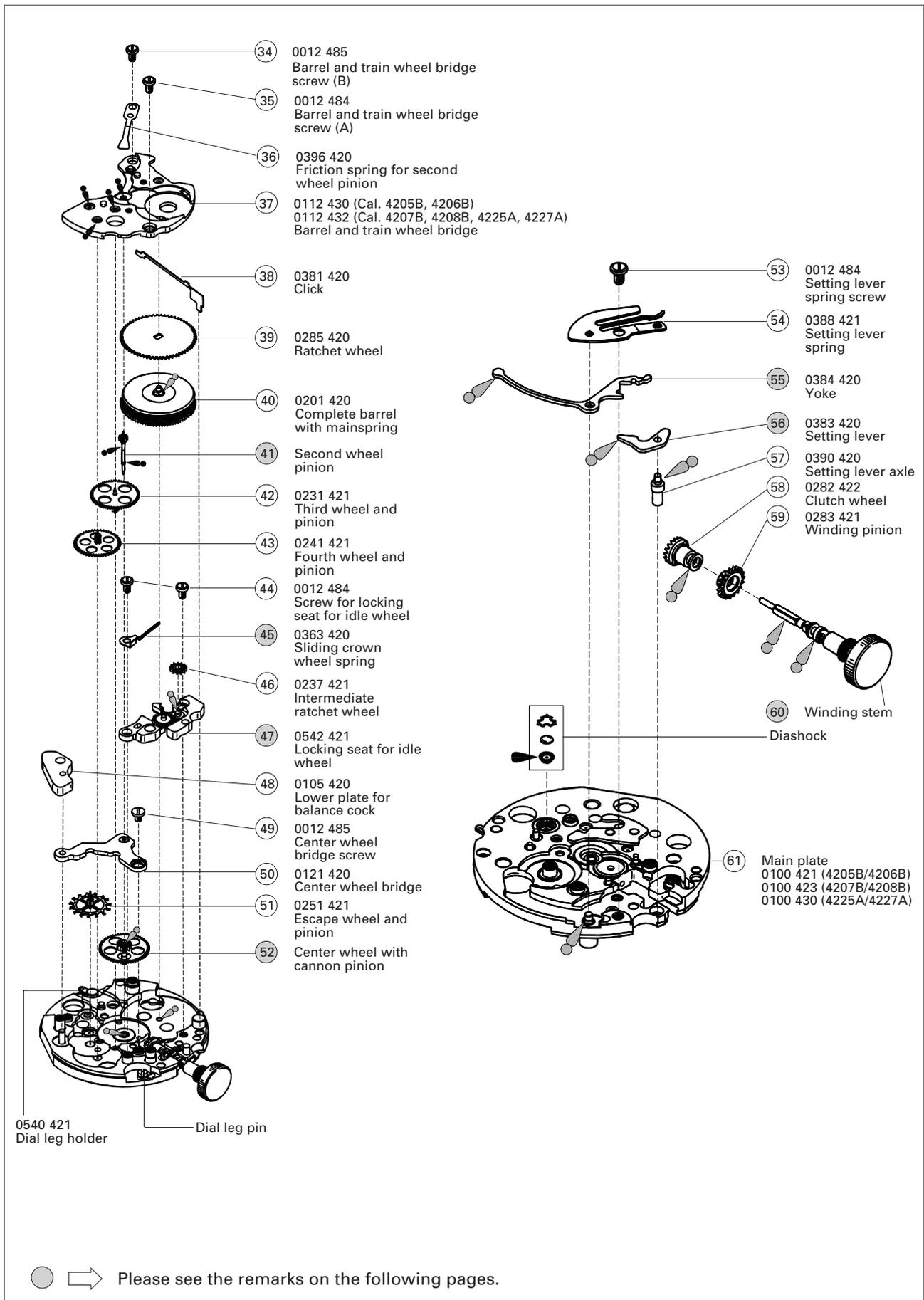
Ex.: Cal. 4206B



● → Please see the remarks on the following pages.

PARTS CATALOGUE

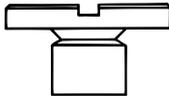
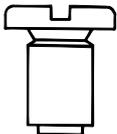
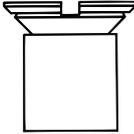
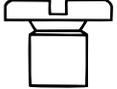
Cal. 4205B, 4206B, 4207B, 4208B, 4225A, 4227A



PARTS CATALOGUE

Cal. 4205B, 4206B, 4207B, 4208B, 4225A, 4227A

• List of screws

Part No.	Name	Part No.	Name
 0012 123	<ul style="list-style-type: none"> • Stud screw 	 0012 488	<ul style="list-style-type: none"> • Oscillating weight with-out pinion screw
 0012 484	<ul style="list-style-type: none"> • Barrel and train wheel bridge screw (A) • Balance cock screw • Setting lever spring screw • Screw for locking seat for idle wheel 	 0012 797	<ul style="list-style-type: none"> • Day jumper screw
 0012 485	<ul style="list-style-type: none"> • Center wheel bridge screw • Pallet cock screw • Framework for automatic device screw • Date driving wheel screw • Date dial guard screw • Barrel and train wheel bridge screw (B) 	* Cal. 4205B has two more date dial guard screws instead of the day jumper screw.	

• List of jewels

Part No.	Name	Part No.	Name
0011 212	<ul style="list-style-type: none"> • Diashock upper cap jewel • Diashock lower cap jewel 	0011 541	<ul style="list-style-type: none"> • Upper hole jewel for fourth wheel and pinion
0011 333	<ul style="list-style-type: none"> • Upper hole jewel for third wheel and pinion 	0011 713	<ul style="list-style-type: none"> • Lower hole jewel for second wheel and pinion
0011 505	<ul style="list-style-type: none"> • Upper hole jewel for jewelled pallet fork and staff • Lower hole jewel for jewelled pallet fork and staff 	0011 752	<ul style="list-style-type: none"> • Upper hole jewel for center wheel and pinion • Lower hole jewel for center wheel and pinion
0011 528	<ul style="list-style-type: none"> • Upper hole jewel for escape wheel and pinion • Lower hole jewel for escape wheel and pinion 		

* Cal. 4207B also has the following parts

- 0011 333 Lower hole jewel for third wheel and pinion
- 0011 584 Lower hole jewel for fourth wheel and pinion
- 0011 751 Upper hole jewel for complete barrel with mainspring

PARTS CATALOGUE

Cal. 4205B, 4206B, 4207B, 4208B, 4225A, 4227A

• List of tubes

Part No.	Name	Part No.	Name
0017 255	• Tube for center wheel bridge (B)	0032 423	• Tube for locking seat for idle wheel
0017 257	• Tube for date dial guard (A)	0032 424	• Tube for date driving wheel
0017 259	• Tube for date dial guard (B)	0032 425	• Tube for barrel and train wheel bridge (B)
0032 420	• Tube for barrel and train wheel bridge (A)	0033 421	• Dial leg pin
0032 421	• Tube for balance cock	0033 422	• Dial leg holder pin
0032 422	• Tube for pallet cock (B)		

• Other parts

Part No.	Name	Part No.	Name
0315 420	• Balance staff	0014 413	• Diashock upper frame
0331 420	• Roller with jewel	0014 414	• Diashock lower frame
0341 432	• Regulator	0014 415	• Diashock upper hole jewel with frame • Diashock lower hole jewel with frame
0345 420	• Stud holder		
		0014 417	• Diashock upper spring • Diashock lower spring

Remarks

③ Holding ring for dial

* The type of holding ring for dial is determined based on the design of cases and dials. Check the case number and refer to "SEIKO Watch Parts Catalogue CD-ROM" to choose a corresponding holding ring for dial.

⑤ Day star with dial disk

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

⑫ Date dial

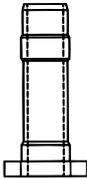
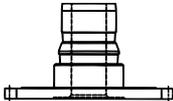
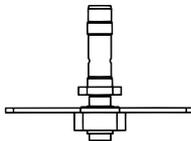
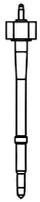
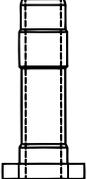
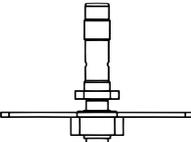
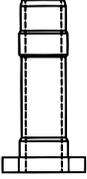
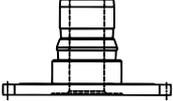
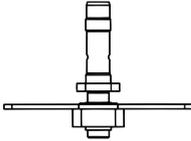
* The type of date dial is determined based on the design of cases. Check the case number and refer to "SEIKO Watch Parts Catalogue CD-ROM" to choose a corresponding date dial.

PARTS CATALOGUE

Cal. 4205B, 4206B, 4207B, 4208B, 4225A, 4227A

- ⑩ Hour wheel
- ⑪ Cannon pinion
- ⑫ Second wheel pinion
- ⑬ Center wheel and pinion

Combination:

Type	Second wheel pinion	Cannon pinion	Hour wheel	Center wheel and pinion
1	 0245 427	 0225 427	 0271 427	 0224 427
2	 0245 421	 0225 422	 0271 425	 0224 421
3	 0245 422	 0225 423	 0271 426	 0224 422

- ⑭ Winding stem 0351 420

* The type of winding stem is determined based on the design of cases. Check the case number and refer to "SEIKO Watch Parts Catalogue CD-ROM" to choose a corresponding winding stem.

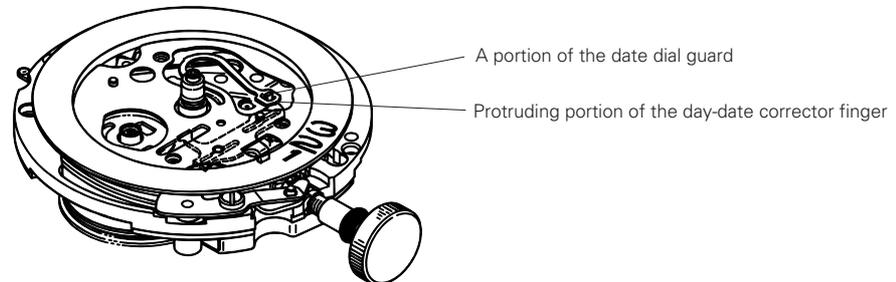
TECHNICAL GUIDE

Cal. 4205B, 4206B, 4207B, 4208B, 4225A, 4227A

- The explanation here is only for the particular points of the calibres equipped with the day star with dial disk and date dial.

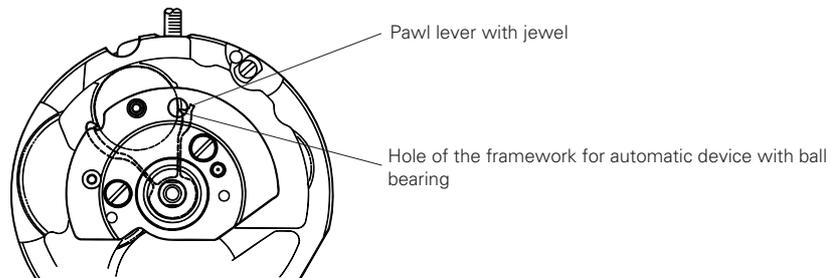
⑪ Date dial guard

Set the protruding portion of the day-date corrector finger into the hole of the date dial guard (A portion).



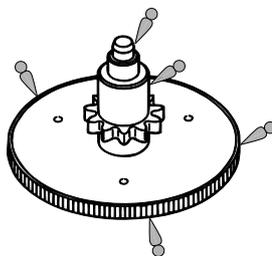
⑫ Pawl lever with jewel

If a tip of the pawl lever is on the top of the transmission wheel and pinion, insert something with a sharpened tip through the hole of the framework for automatic device with ball bearing, and move the tip of the pawl lever sideways so that the lever and the transmission wheel and pinion properly engage each other.



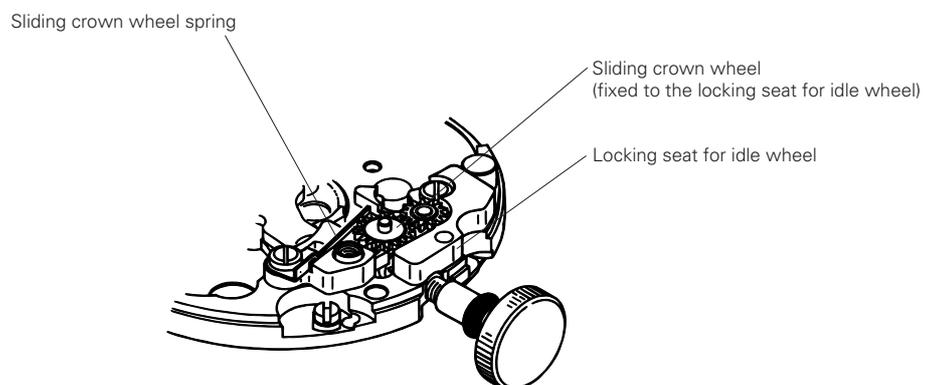
⑬ Transmission wheel and pinion

- **Lubricating**



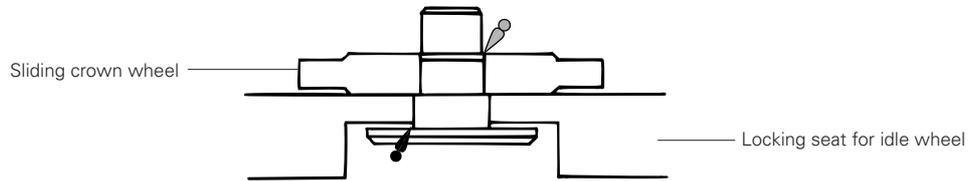
⑭ Sliding crown wheel spring

When setting the sliding crown wheel spring, check that it engages the teeth of the sliding crown wheel.



④⑦ Locking seat for idle wheel

• Lubricating



①③ Date jumper spring

①④ Date jumper

①⑤ Day-date corrector finger

⑤⑤ Yoke

⑤⑥ Setting lever

• Setting position

