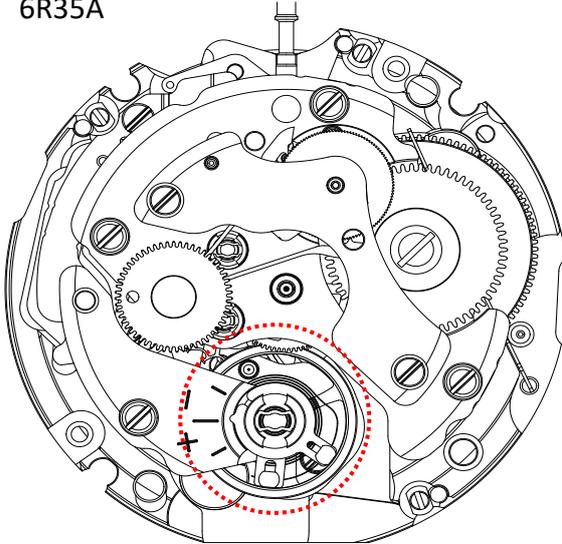




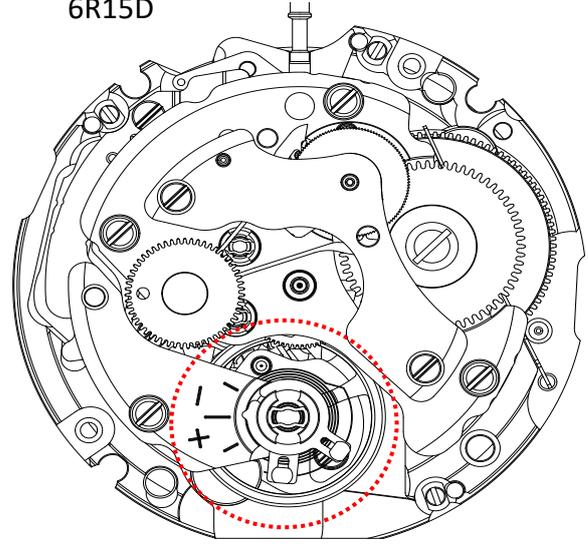
Features

Difference between 6R35 and 6R15  
 - Size of "Balance complete"

6R35A



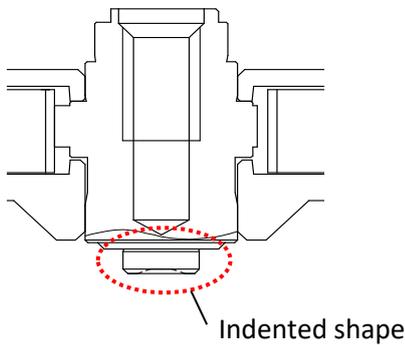
6R15D



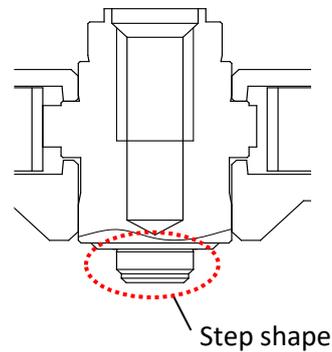
Parts difference between 6R35 and 6R15

No.	Parts name	6R35A	6R15D
24	Balance complete with stud	0310 283	0310 185
27	Pallet fork	0301 283	0301 009
39	Barrel complete	0201 283	0201 164
42	Escape wheel and pinion	0251 283	0251 300
48	Balance stop lever	0601 310	0601 183

Identification point of "Barrel complete"  
 For 6R35A (0201 283)



For 6R15C/D (0201 164)



Parts code (Depends on type)

No.	Parts name	Type	
		Normal	Special
11	Hour wheel	0273 182	0273 184
36	Fourth wheel and pinion	0241 010	0144 185
15,43	Center wheel and pinion with cannon pinion	0224 203	0224 205

# PARTS LIST

Cal.6R35A

Type of oil



AO-3(Moebius A)



S-6



S-4

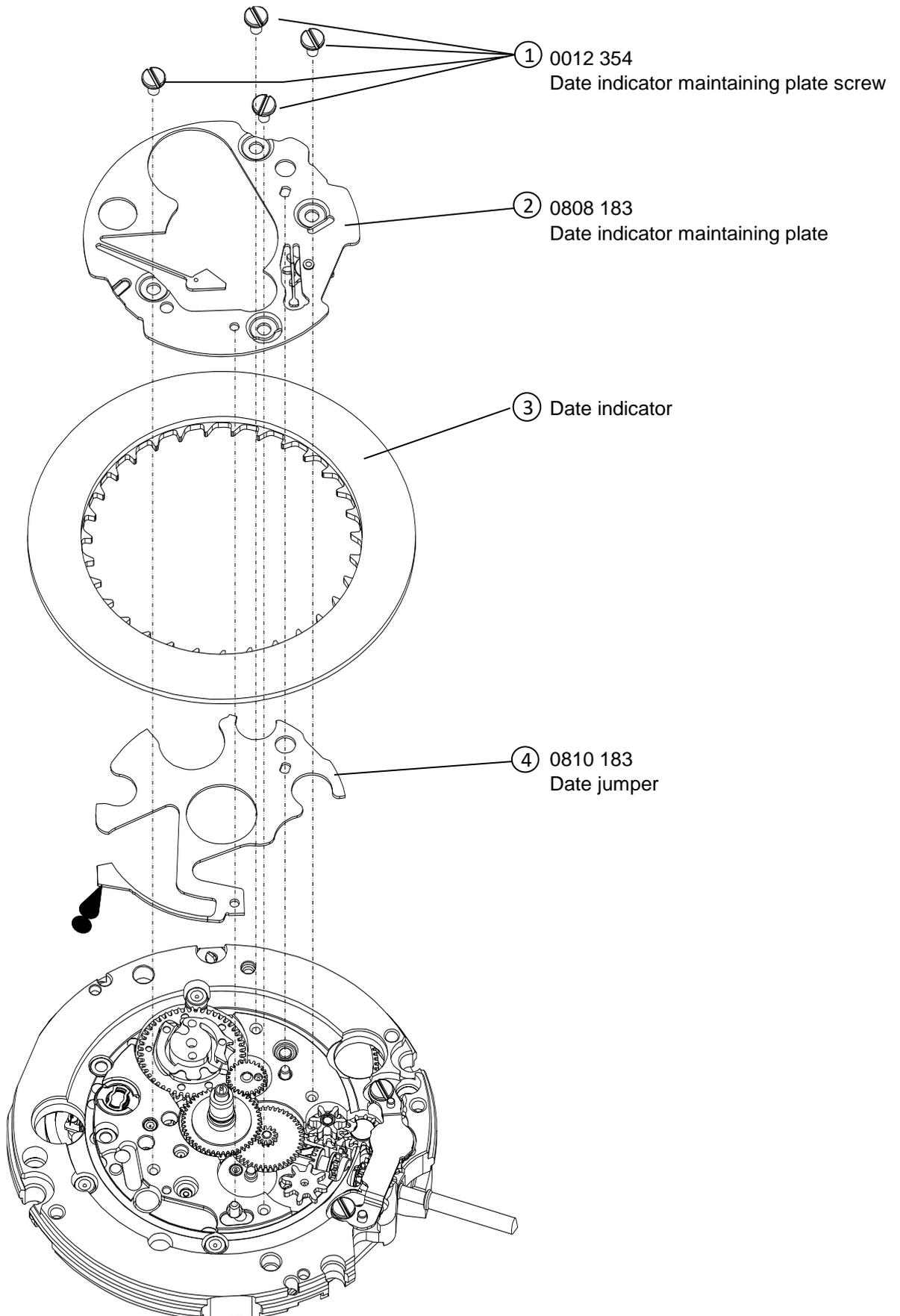
Oil quantity mark



NORMAL QUANTITY



SUFFICIENT QUANTITY



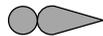
# PARTS LIST

Cal.6R35A

Type of oil



AO-3(Moebius A)



S-6



S-4

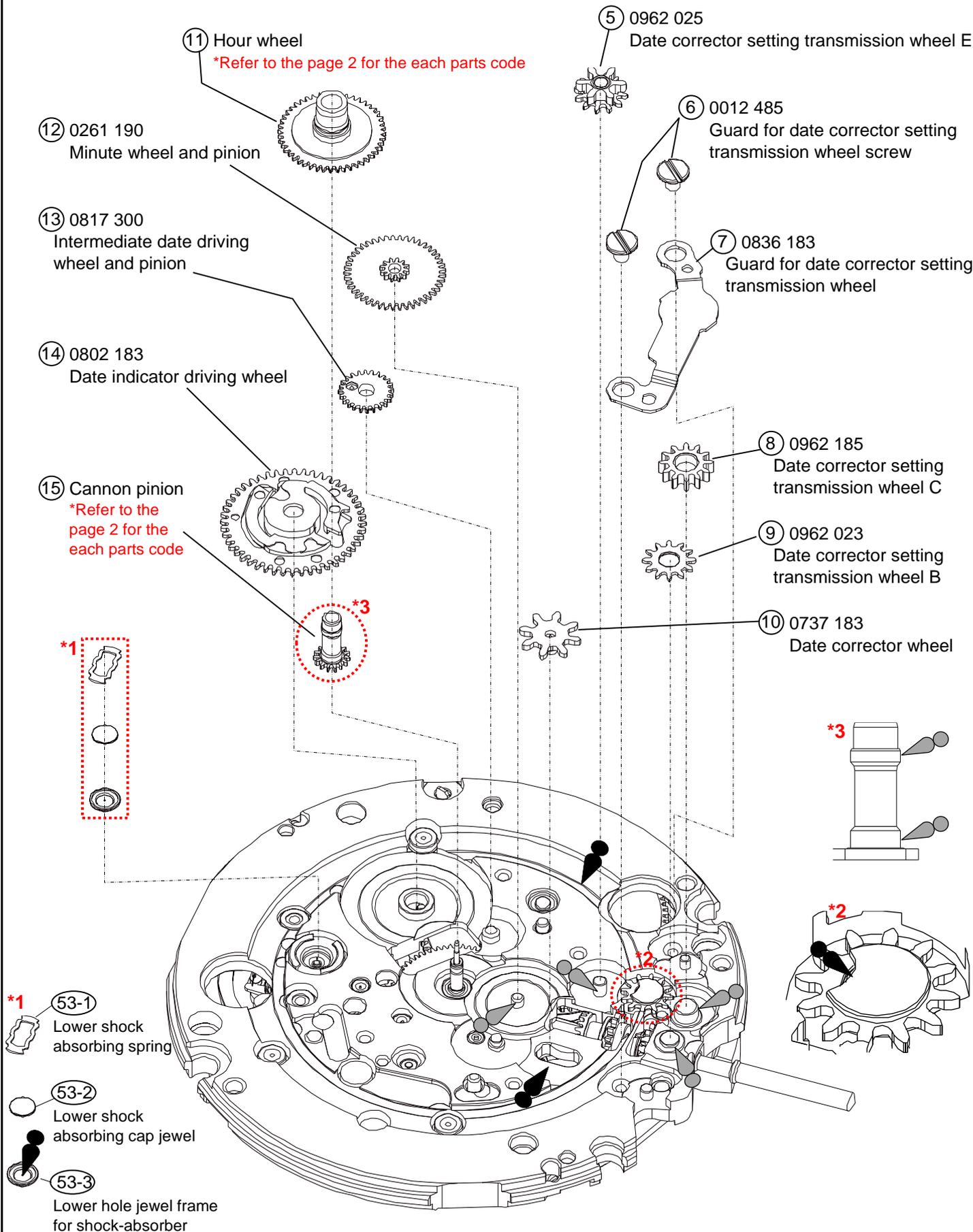
Oil quantity mark



NORMAL QUANTITY



SUFFICIENT QUANTITY



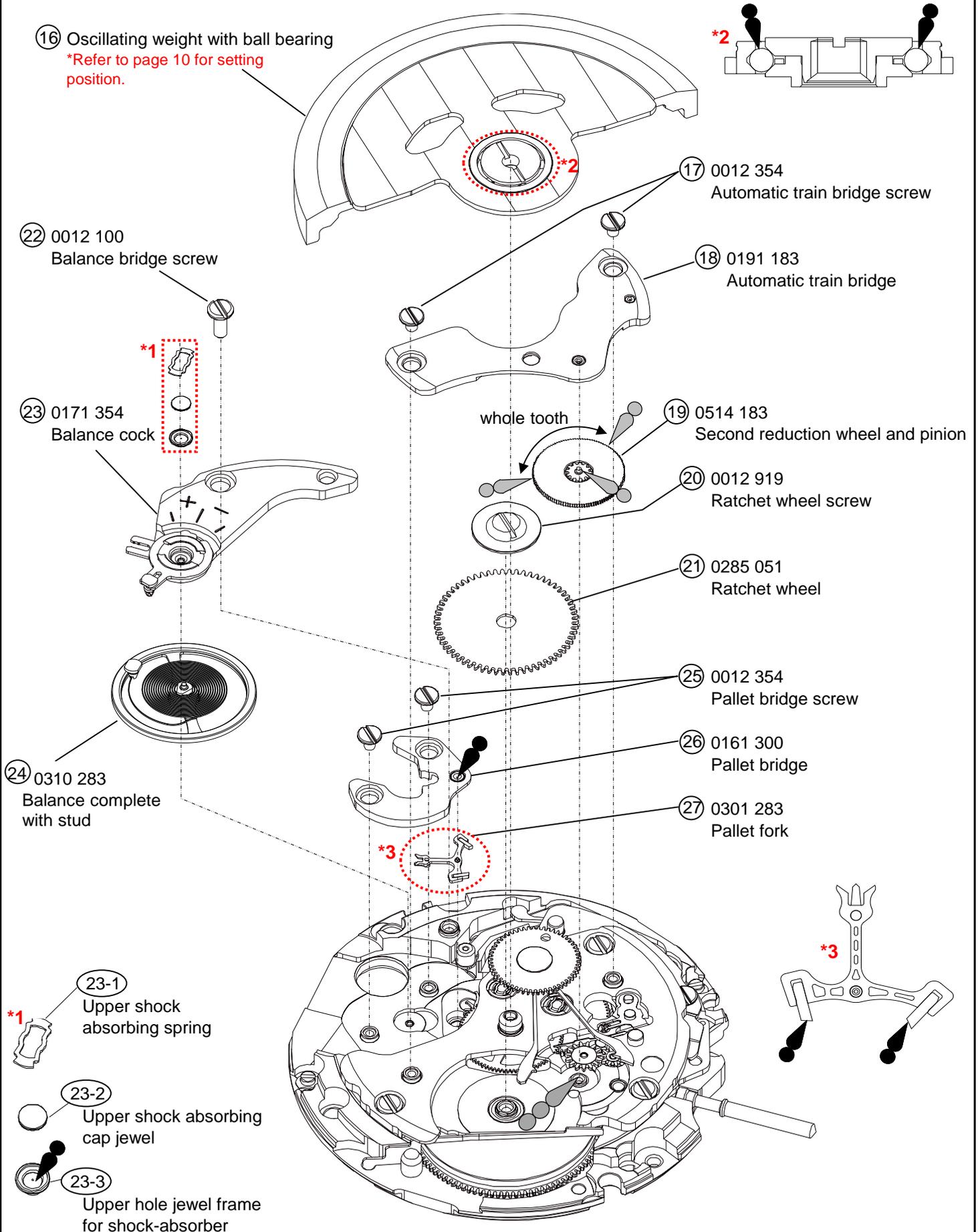
# PARTS LIST

Cal.6R35A

Type of oil  
 AO-3(Moebius A)

 S-6  
 S-4

Oil quantity mark  
 NORMAL QUANTITY  
 SUFFICIENT QUANTITY



# PARTS LIST

Cal.6R35A

Type of oil



AO-3(Moebius A)



S-6



S-4

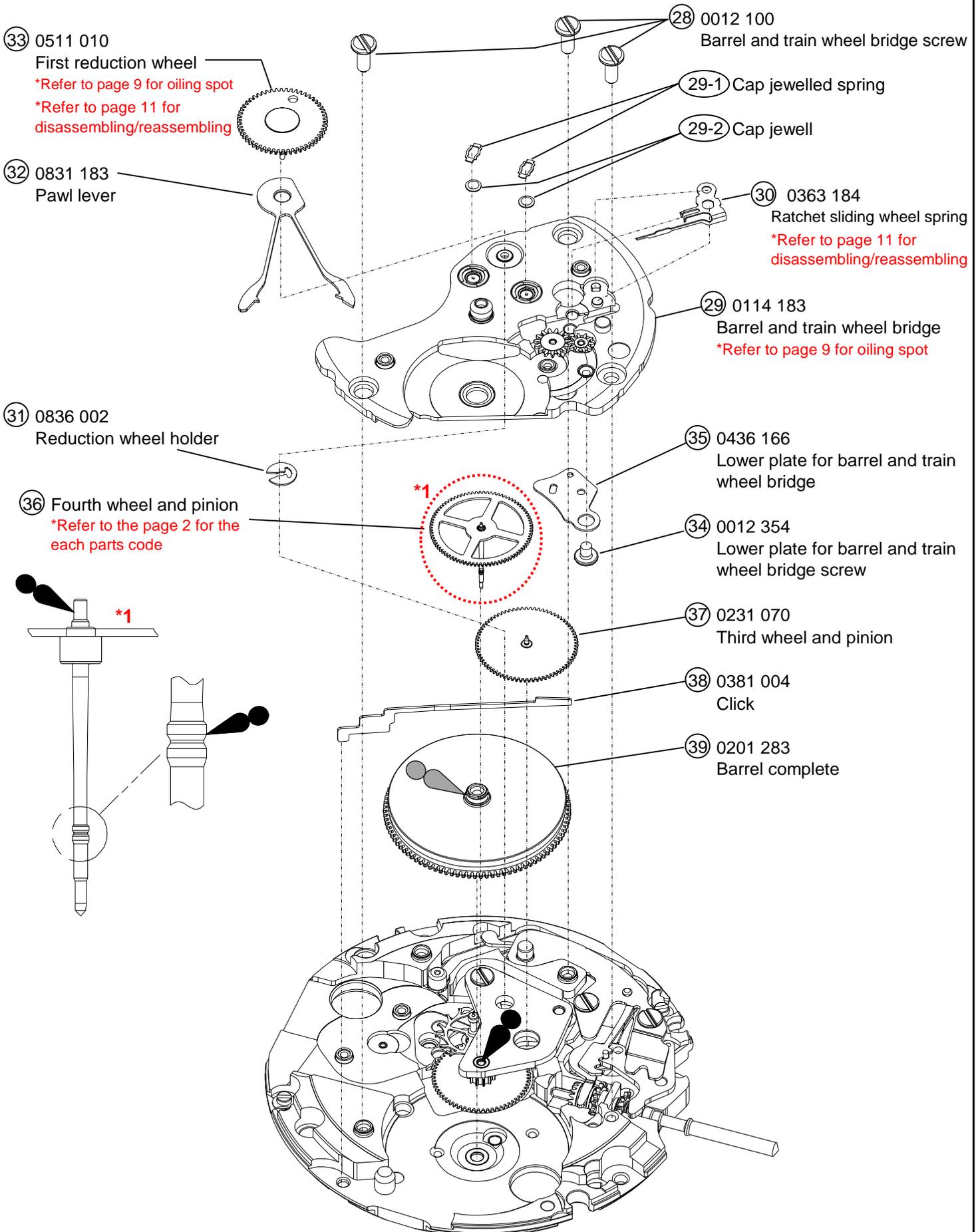
Oil quantity mark



NORMAL QUANTITY



SUFFICIENT QUANTITY



# PARTS LIST

Cal.6R35A

Type of oil



AO-3(Moebius A)



S-6



S-4

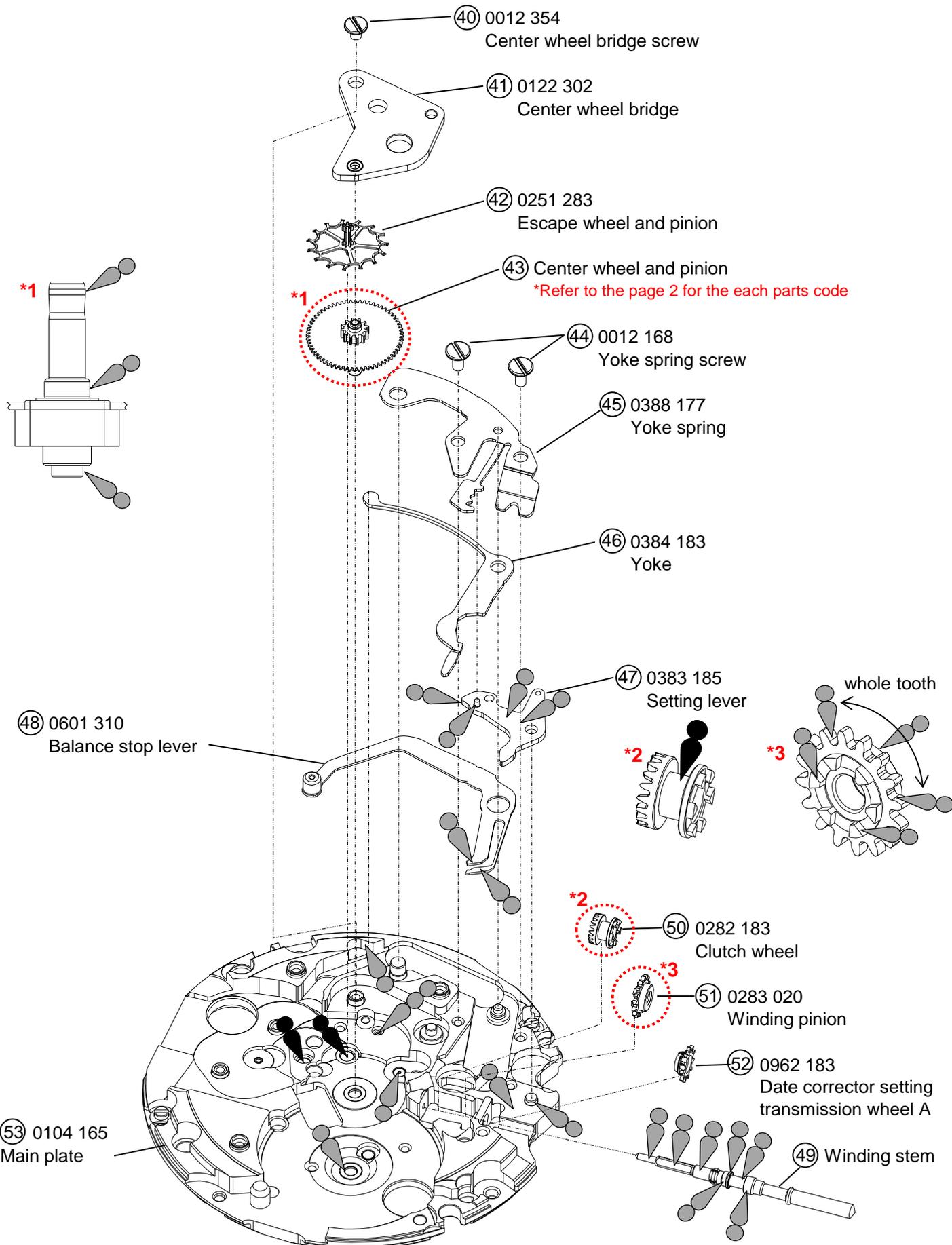
Oil quantity mark



NORMAL QUANTITY



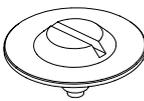
SUFFICIENT QUANTITY



# PARTS LIST

Cal.6R35A

## ● PERSPECTIVE VIEW OF THE SCREW PARTS

Parts No	Name	Parts No	Name	Parts No	Name
0012 354 	① Date indicator maintaining plate screw (x4)	0012 485 	Guard for date corrector setting	0012 100 	② Balance bridge screw
	①⑦ Automatic train wheel bridge screw (x2)		⑥ transmission wheel screw (x2)		Barrel and train wheel bridge screw (x3)
	②⑤ Pallet bridge screw (x2)	0012 919 	②⑩ Ratchet wheel screw	0012 168 	④④ Yoke spring screw (x2)
	③④ Lower plate for barrel and train wheel bridge screw				
	④⑩ Center wheel bridge screw				

## ● LOCATION OF THE JEWELS

	Upper		Lower	
	Hole Jewel	Cap Jewel	Hole Jewel	Cap Jewel
Barrel complete			○	
Center wheel & pinion	○		○	
Forth wheel & pinion	○			
Third wheel & pinion	○	○	○	
Escape wheel & pinion	○	○	○	
Pallet fork	○		○	
Balance	○	○	○	○
Crown wheel	○			
First reduction wheel & arbor	○		○	
Second reduction wheel & pinion	○		○	
Pallet fork (entry pallet)			○	
Pallet fork (exit pallet)			○	
Balance (roller jewel)			○	
Total			24 jewels	

### Remarks

The correct parts for the following are determined based on the design of the cases.

Refer to "SEIKO Watch Parts Catalogue (SEIKO WATCH SERVICE SITE)" to choose corresponding parts.

- Holding ring for dial
- Date indicator
- Winding stem
- Oscillating weight with ball bearing

Type of oil



AO-3(Moebius A)



S-6



S-4

Oil quantity mark



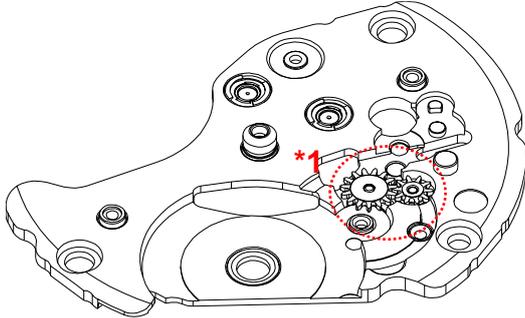
NORMAL QUANTITY



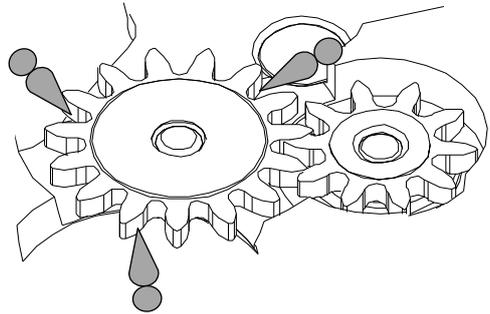
SUFFICIENT QUANTITY

## 1. Oiling spot

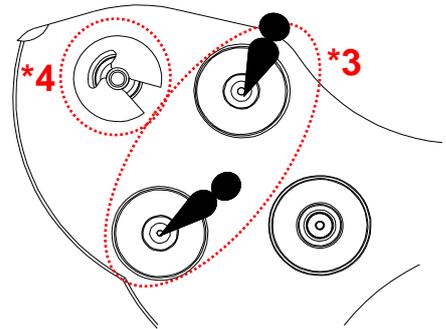
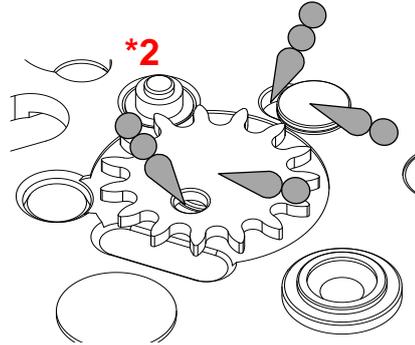
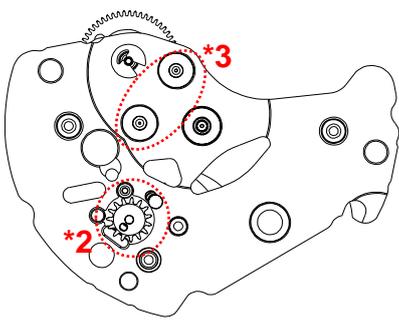
②9 Barrel and train wheel bridge



\*1

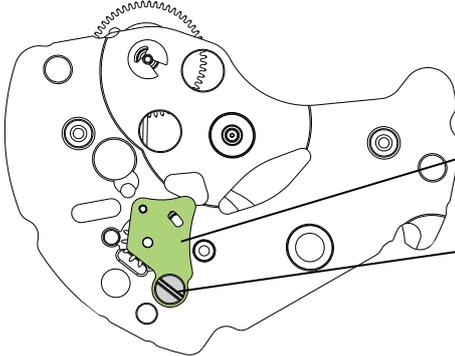


Barrel and train wheel bridge (back side)



Note

**\*2** After oiling, set lower plate for barrel and train wheel bridge & screw.

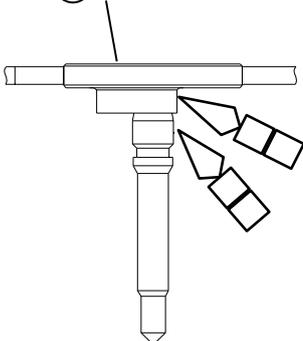


③5 Lower plate for barrel and train wheel bridge

③4 Lower plate for barrel and train wheel bridge screw

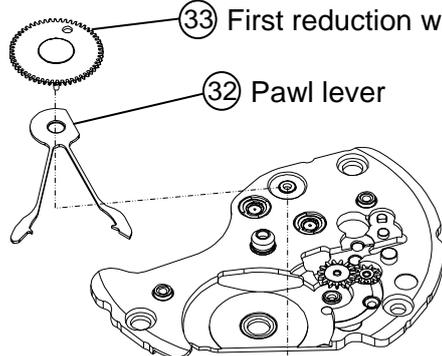
**\*4** After oiling, set first reduction wheel & pawl lever & reduction wheel holder.

③3 First reduction wheel



③3 First reduction wheel

③2 Pawl lever

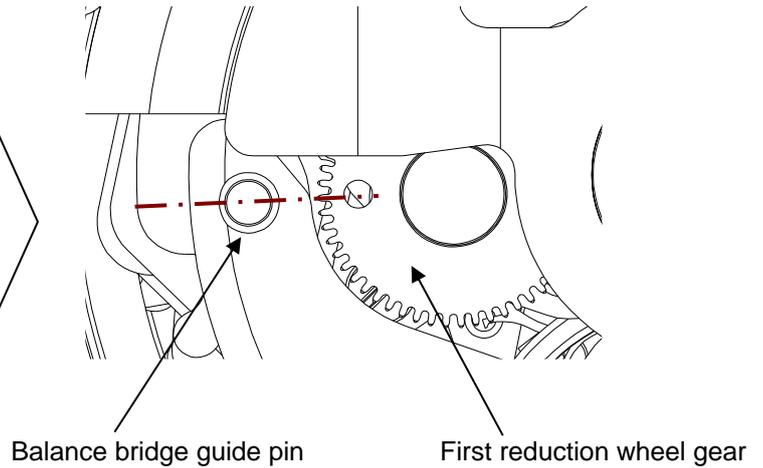
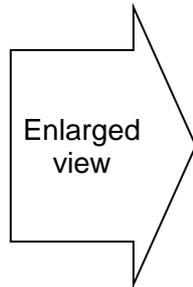
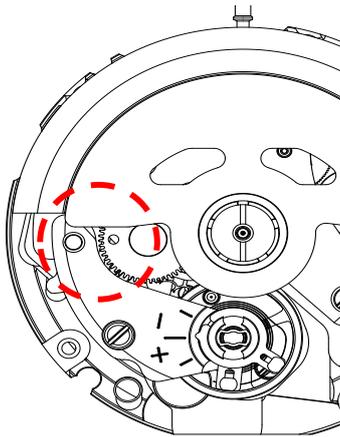


③1 Reduction wheel holder

## 2. Setting position of oscillating weight

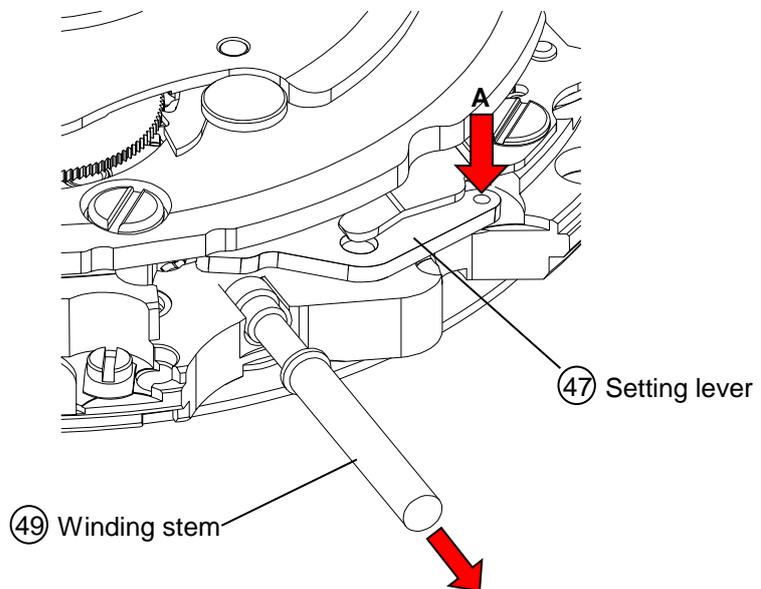
• Before assembling oscillating weight.

Match the center of the oscillating weight and winding stem. Set the hole of first reduction wheel gear on the imaginary line toward the balance bridge guide pin.



## 3. To remove the winding stem

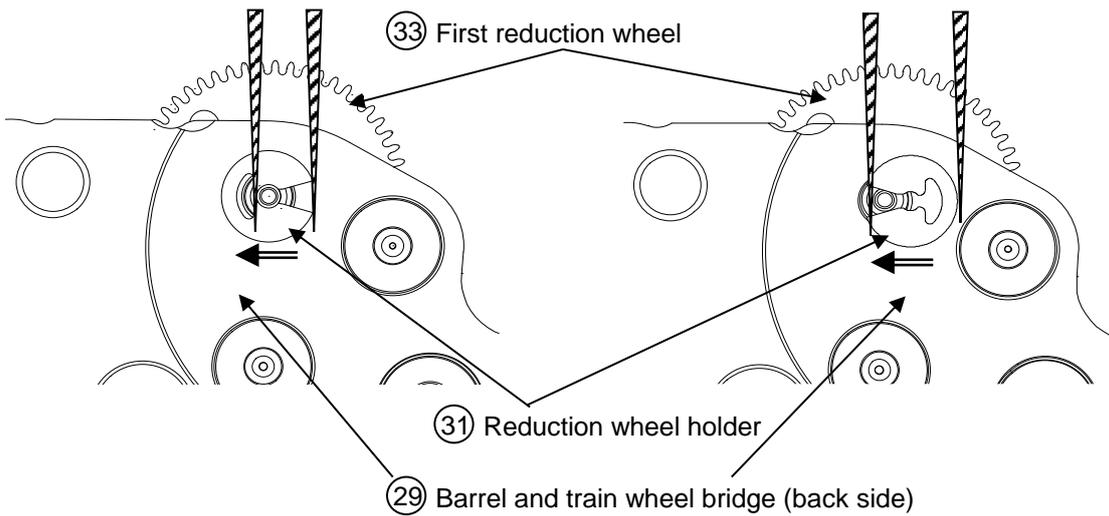
- 1) Set the winding stem to normal position.
- 2) Pull out the winding stem, while pushing "A"



## 4. Disassembling / assembling of the First reduction wheel

<< Disassembling >>

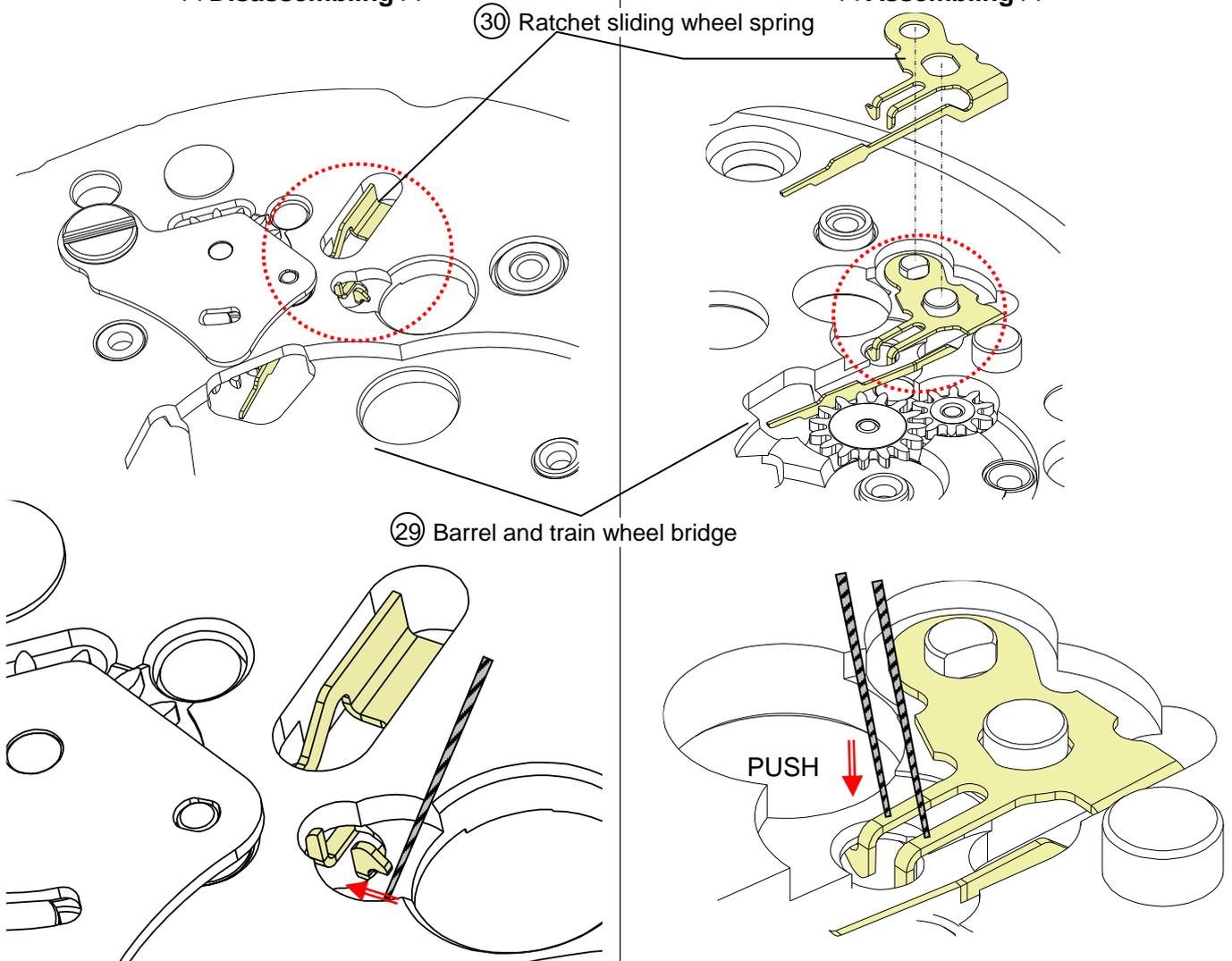
<< Assembling >>



## 5. Disassembling / assembling of the Ratchet sliding wheel spring.

<< Disassembling >>

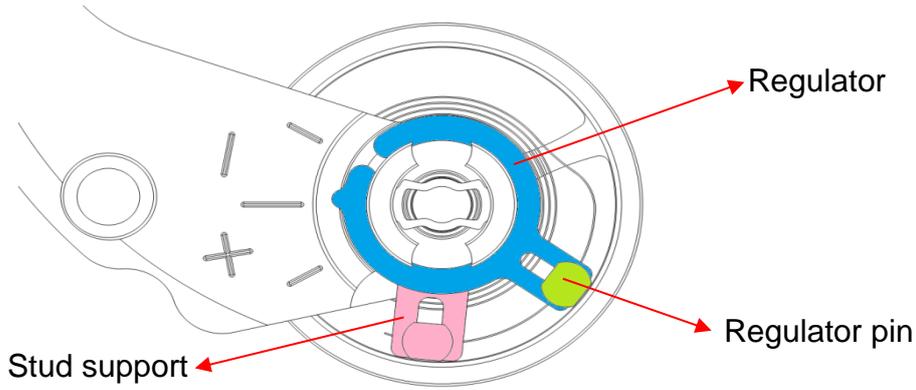
<< Assembling >>



Remove the hook of the ratchet sliding wheel spring from barrel and train wheel bridge.

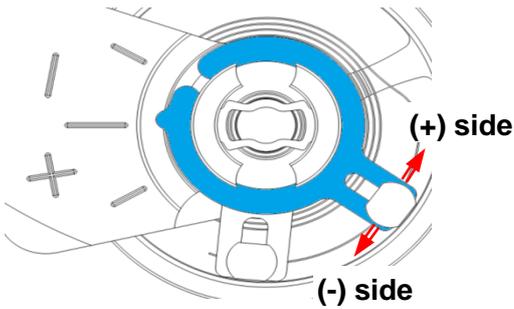
Set the part to the Barrel and train wheel bridge and push the hook from the top with tweezers so that it will be engaged securely.

## 6.Accuracy adjustment

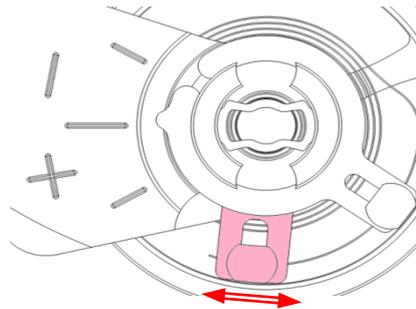


**Note:**

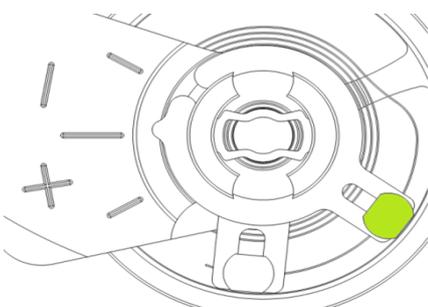
•Regulator ... Time adjustment



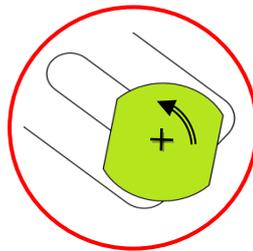
•Stud support ... Beat error adjustment



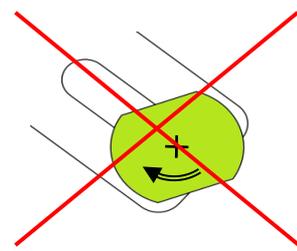
•Regulator pin ... Gap adjustment of balance spring and regulator pin



Anticlockwise rotation



No clockwise rotation



## 7.To wind up the mainspring

<<Movement>>

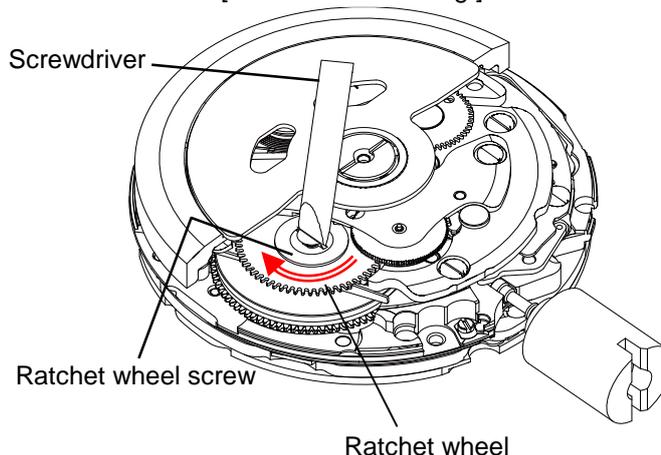
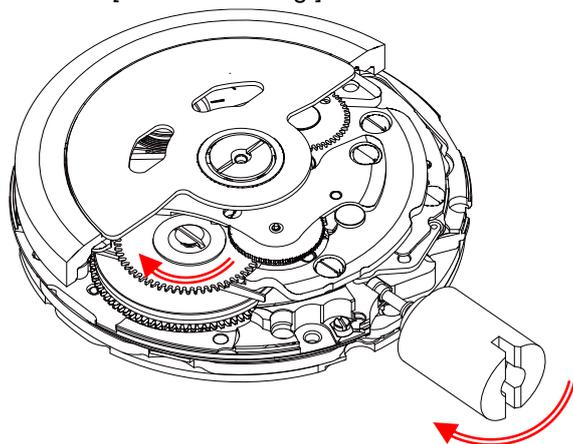
The mainspring would be fully wound up by turning the ratchet wheel screw **11 times** clockwise. (Manual winding or Screwdriver)

Manual winding ... Rotate crown clockwise at normal position by minimum **65 times**. (Equal to ratchet wheel screw 11 times )

Screwdriver winding ... Turn the ratchet wheel screw **11 times** clockwise.

[ Manual winding ]

[ Screwdriver winding ]



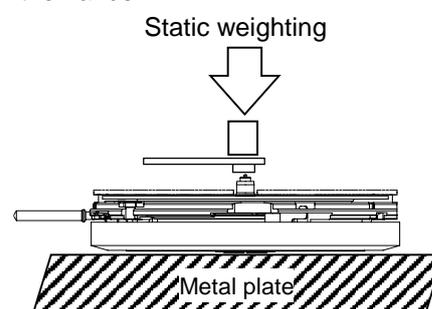
## 8.How to attach hands

Place the movement directly on a flat metal plate or something similar to attach the hands.

We recommend the use of movement holder to attach hands.

For hands attachment, please use a special equipment.

When the movement receives a strong shock, it may be damaged.



## 9.Accuracy measurement condition

Static Accuracy : -15~+25 seconds per day

Measurement Conditions

- 1) Measurement should be done within 10~60 minutes after fully wound up.
- 2) Lift angle : 53 deg
- 3) Measurement position : (1) Dial up (2) 9 o'clock up (3) 6 o'clock up
- 4) Minimum measurement Time : 20 seconds
- 5) Stabilizing Time :

Leave the watch for at least 20 seconds to stabilize after you change its measurement position.