

PARTS LIST

Cal.6R31A/38A

Components

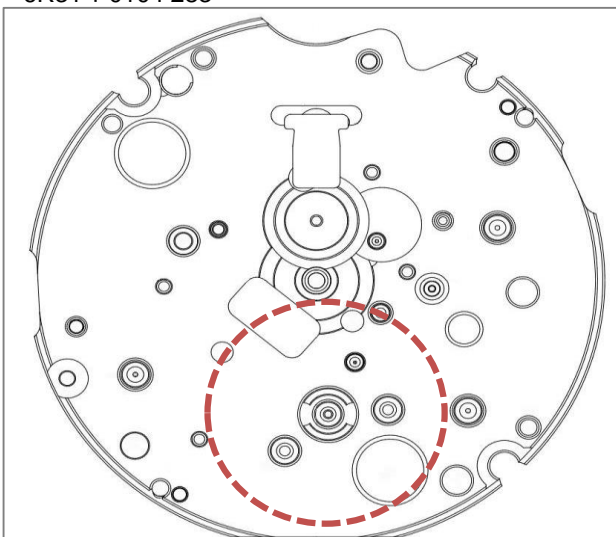
The following parts are different between 6R35A and 6R31A/6R38A. Other parts are common.

Parts name	6R35A	6R31A	6R38A
MAIN PLATE WITH LOWER SHOCK ABSORBING FRAME	0104 165	0104 283	0104 185
HOUR WHEEL GUARD	-	0376 184	0376 184
HOUR WHEEL (Normal)	0273 182	0273 183	0273 183
HOUR WHEEL (Special)	0273 184	0273 185	0273 185
SETTING LEVER	0383 185	0383 186	0383 186
YOKE	0384 183	0384 184	0384 184
OSCILLATING WEIGHT WITH BALL BEARING	1509 383	1509 384	1509 385
DAY-DATE CORRECTOR WHEEL	0737 183	-	-
DATE INDICATOR DRIVING WHEEL	0802 183	-	-
DATE INDICATOR MAINTAINING PLATE	0808 183	-	-
DATE JUMPER	0810 183	-	-
INTERMEDIATE DATE DRIVING WHEEL AND PINION	0817 300	-	-
GUARD FOR DAY-DATE CORRECTOR SETTING TRANSMISSION WHEEL	1836 183	-	-
DAY-DATE CORRECTOR SETTING TRANSMISSION WHEEL B	0962 023	-	-
DAY-DATE CORRECTOR SETTING TRANSMISSION WHEEL E	0962 025	-	-
DAY-DATE CORRECTOR SETTING TRANSMISSION WHEEL A	0962 183	-	-
DAY-DATE CORRECTOR SETTING TRANSMISSION WHEEL C	0962 185	-	-
GUARD FOR DAY-DATE CORRECTOR SETTING TRANSMISSION WHEEL SCREW	0012 485	-	-

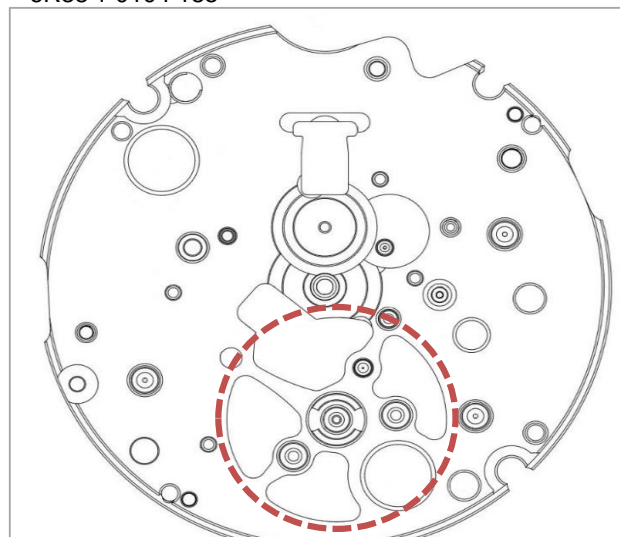
Appearance

The baseplate (shape around the tempura) differs between 6R31 and 6R38.

•6R31 : 0104 283



•6R38 : 0104 185



PARTS LIST

Cal.6R31A/38A

Type of Oil



AO-3a(Moebius A)



AO-G09a (S-6)

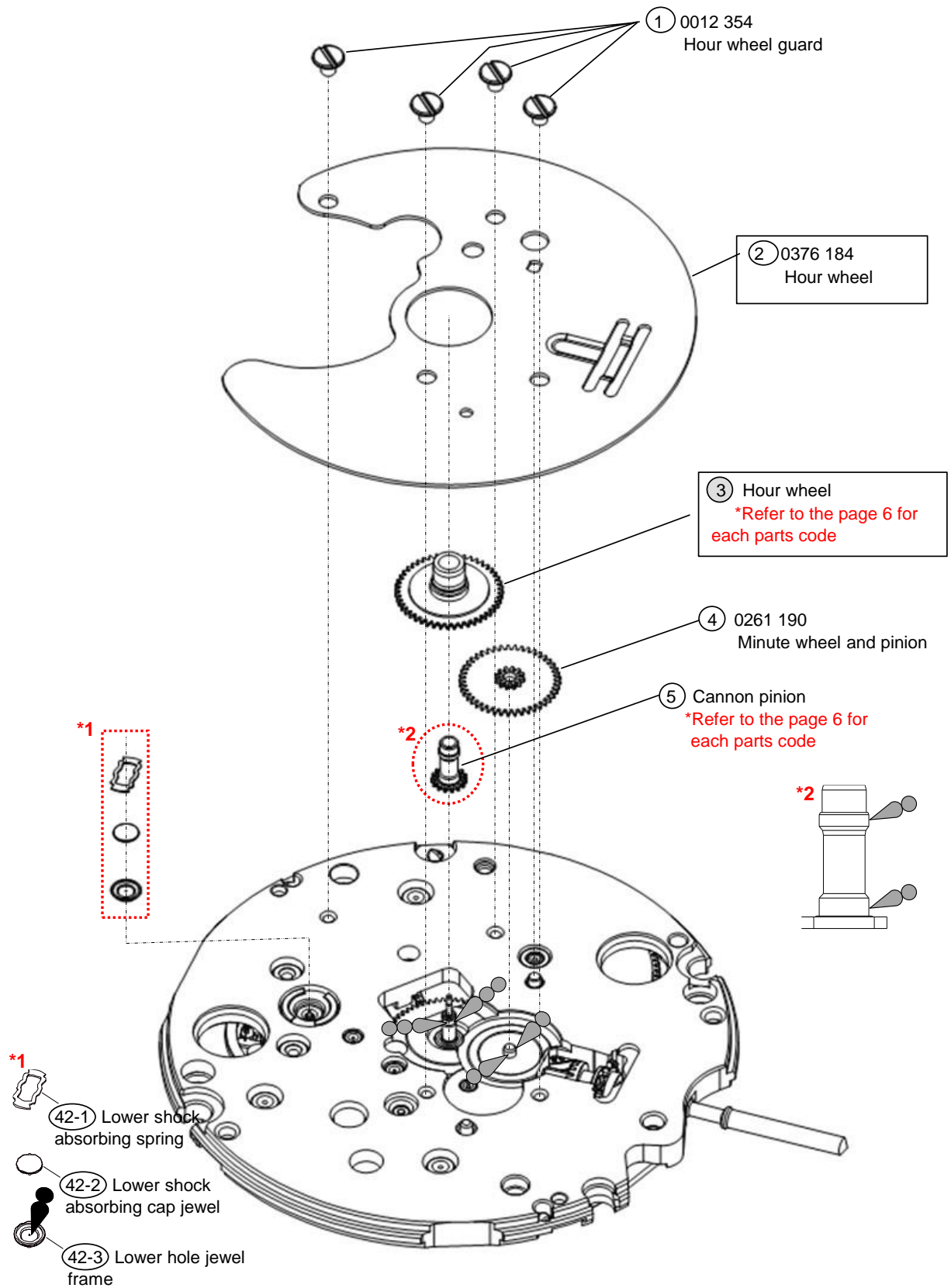
Oil quantity mark



NORMAL QUANTITY



SUFFICIENT QUANTITY



○ For parts marked , refer to the notes in the parts catalog.
Parts marked with a frame are different from 6R35.

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Cal.6R31A/38A

Type of Oil

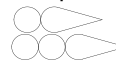


AO-3a(Moebius A)



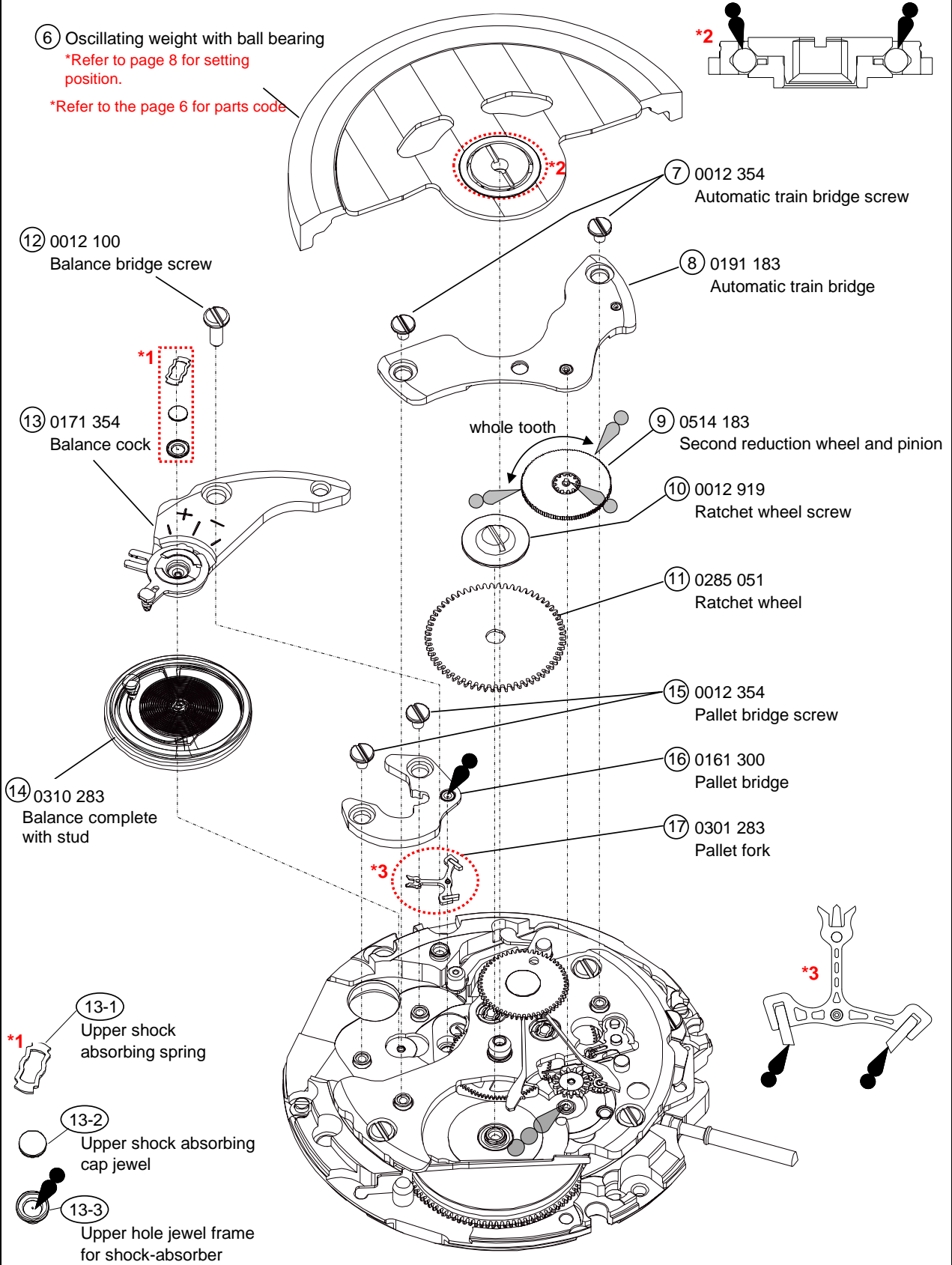
AO-G09a (S-6)

Oil quantity mark



NORMAL QUANTITY

SUFFICIENT QUANTITY



● For parts marked , refer to the notes in the parts catalog.
 Parts marked with a frame are different from 6R35.

PARTS LIST

Cal.6R31A/38A

Type of Oil

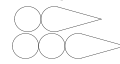


AO-3a(Moebius A)



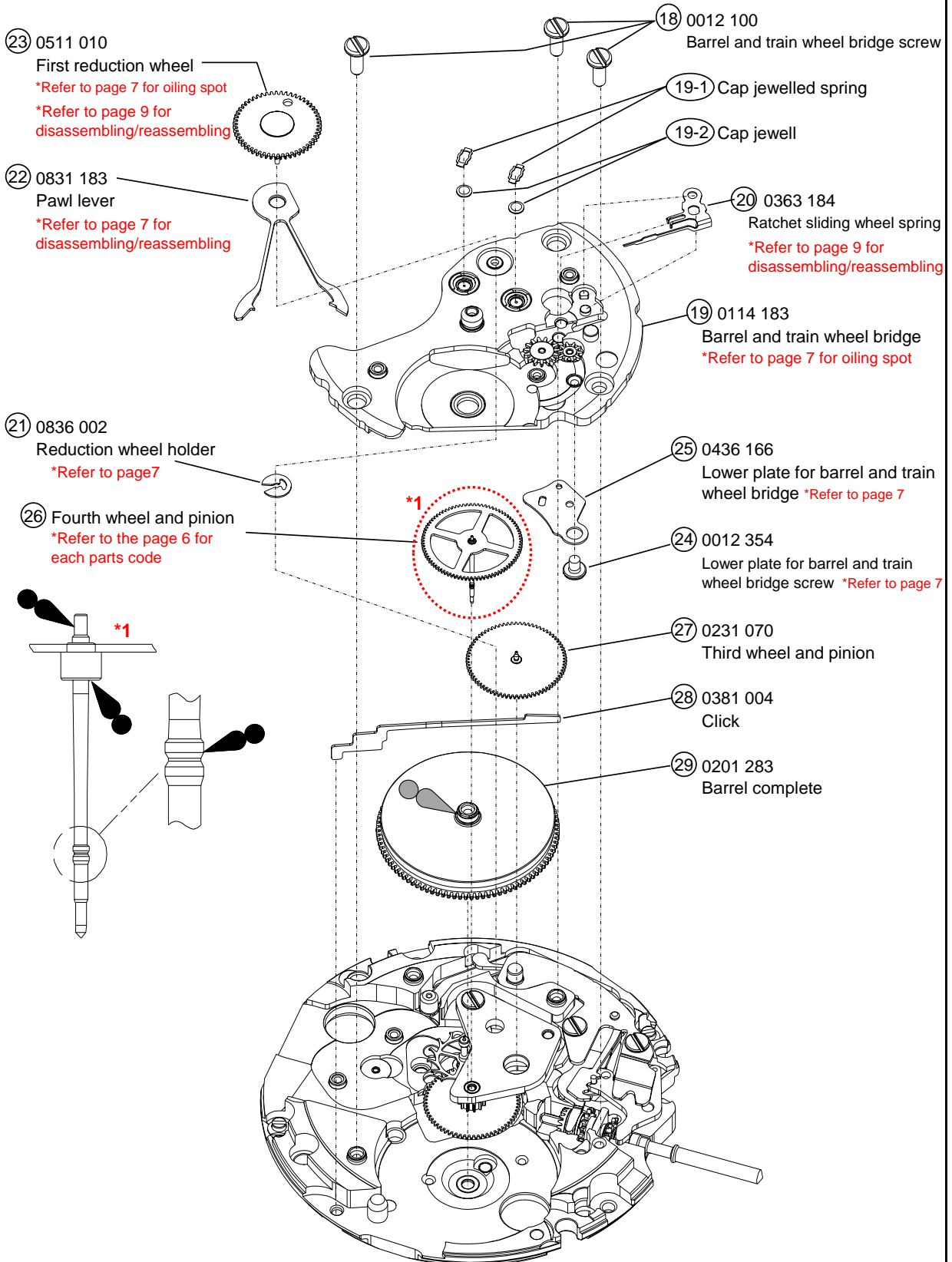
AO-G09a (S-6)

Oil quantity mark



NORMAL QUANTITY

SUFFICIENT QUANTITY



● For parts marked , refer to the notes in the parts catalog.
Parts marked with a frame are different from 6R35.

PARTS LIST

Cal.6R31A/38A

● 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 919	②⑩ Ratchet wheel screw	0012 168	④④ Yoke spring screw (x2)	
	⑦ Automatic train wheel bridge screw (x2)					
	⑮ Pallet bridge screw (x2)	0012 100	②② Balance bridge screw			
	⑳ Lower plate for barrel and train wheel bridge screw					⑳ Barrel and train wheel bridge screw (x3)
	㉓ Center wheel bridge screw					

● Other

LOCATION OF JEWELS	Name	Parts No
THIRD WHEEL : UP	UPPER CAP JEWEL FOR THIRD WHEEL AND PINION	0011 221
	UPPER CAP JEWELLED SPRING FOR THIRD WHEEL AND PINION	0015 703
ESCAPE WHEEL AND PINION : UP	UPPER CAP JEWEL FOR ESCAPE WHEEL AND PINION	0011 221
	UPPER CAP JEWELLED SPRING FOR ESCAPE WHEEL AND PINION	0015 703
BALANCE COMPLETE : UP	UPPER HOLE JEWEL FRAME FOR SHOCK-ABSORBER	0014 295
	UPPER SHOCK ABSORBING CAP JEWEL	0011 220
	UPPER SHOCK ABSORBING SPRING	0014 577
BALANCE COMPLETE : LOW	LOWER HOLE JEWEL FRAME FOR SHOCK-ABSORBER	0014 295
	LOWER SHOCK ABSORBING CAP JEWEL	0011 220
	LOWER SHOCK ABSORBING SPRING	0014 577

● 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	

● Parts code depends on type

No.	Parts name	Normal	Special
③	Hour wheel	0273 183	0273 185
②⑥	Fourth wheel and pinion	0144 283	0144 285
⑤③③	Center wheel and pinion(with Cannon pinion)	0224 203	0224 205

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.

No.	Parts name
-	Holding ring for dial
-	Dial holding spacer
-	Date indicator
⑥	Oscillating weight
③⑨	Winding stem

TECHNICAL GUIDE

Cal.6R31A/38A

Type of Oil

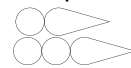


AO-3a(Moebius A)



AO-G09a (S-6)

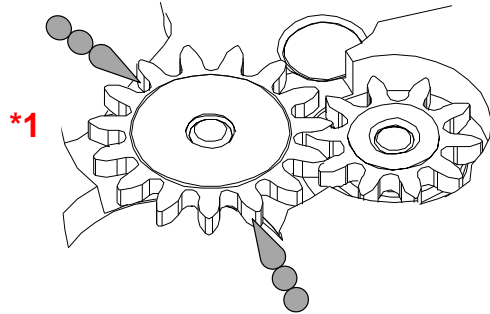
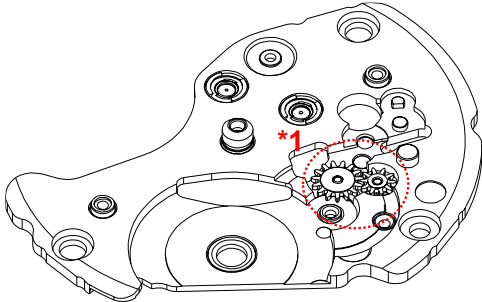
Oil quantity mark



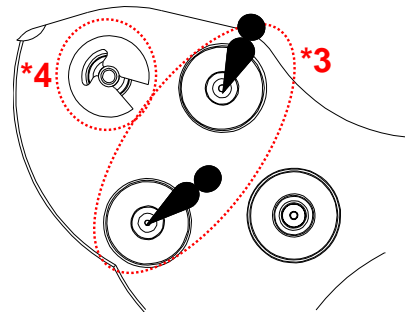
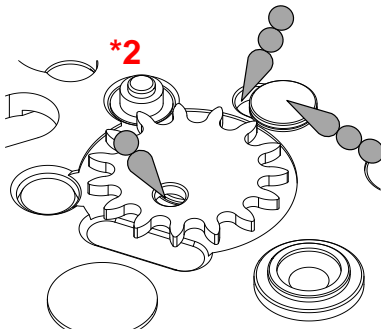
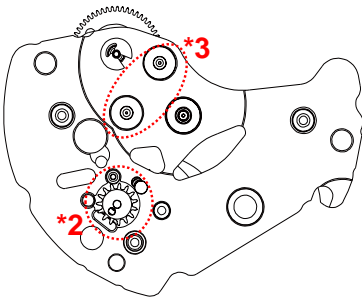
NORMAL QUANTITY
SUFFICIENT QUANTITY

1.Oiling spot

① Barrel and train wheel bridge

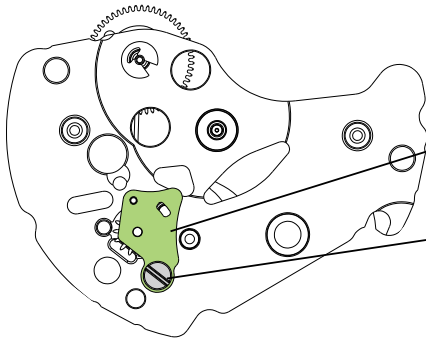


Barrel and train wheel bridge (back side)



Note

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

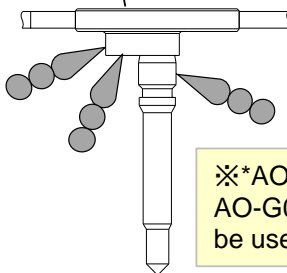


②⑤ Lower plate for barrel and train wheel bridge

②④ Lower plate for barrel and train wheel bridge screw

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

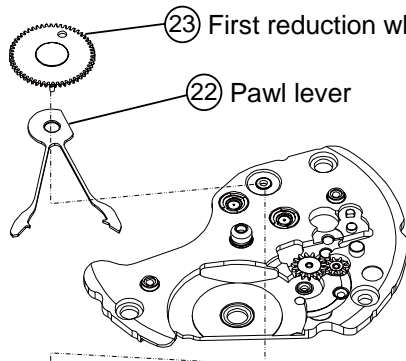
②③ First reduction wheel



※*AO-G09a or S-4
AO-G09a or S-4 must
be used.

②③ First reduction wheel

②② Pawl lever

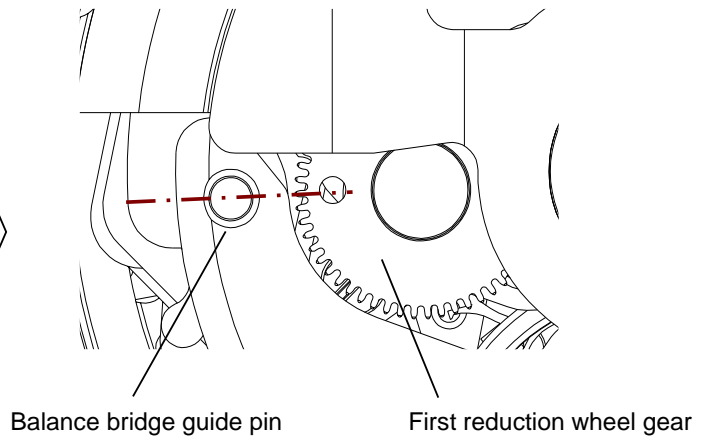
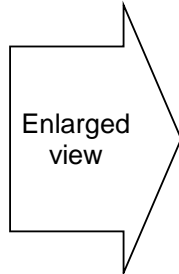
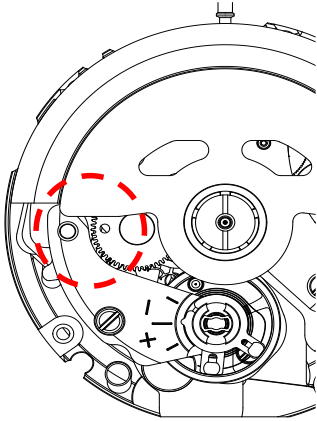


②① Reduction wheel holder

2. Setting position of oscillating weight

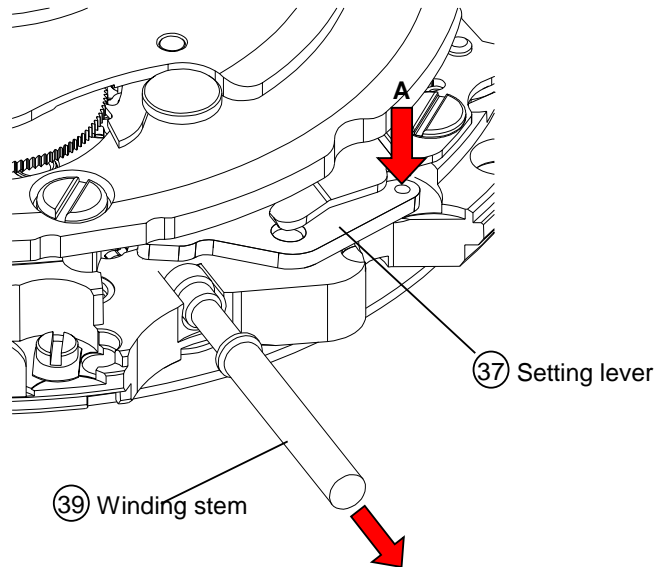
• Before assembling oscillating weight.

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

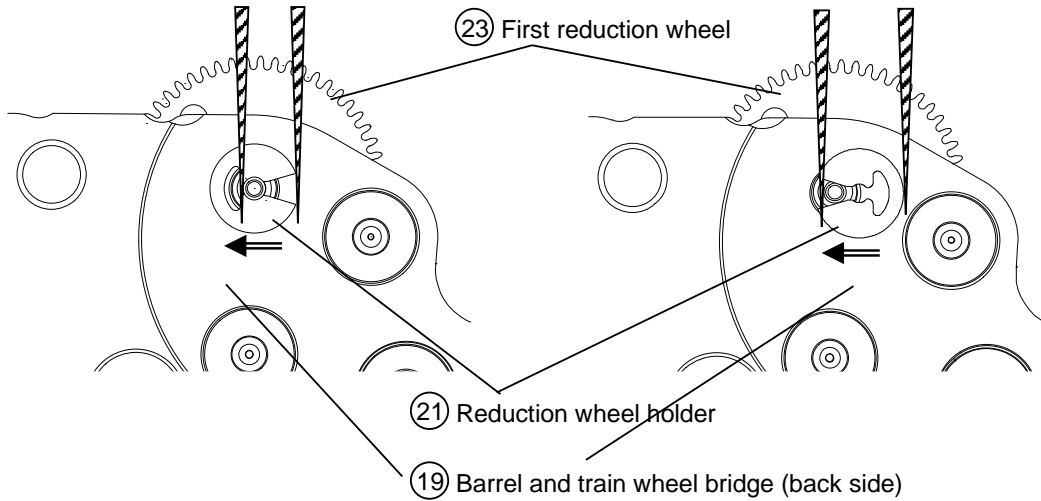
- 1) Set the winding stem to normal position.
- 2) Pull out the winding stem, while pushing "A"



4. Disassembling / assembling of the First reduction wheel

<< Disassembling >>

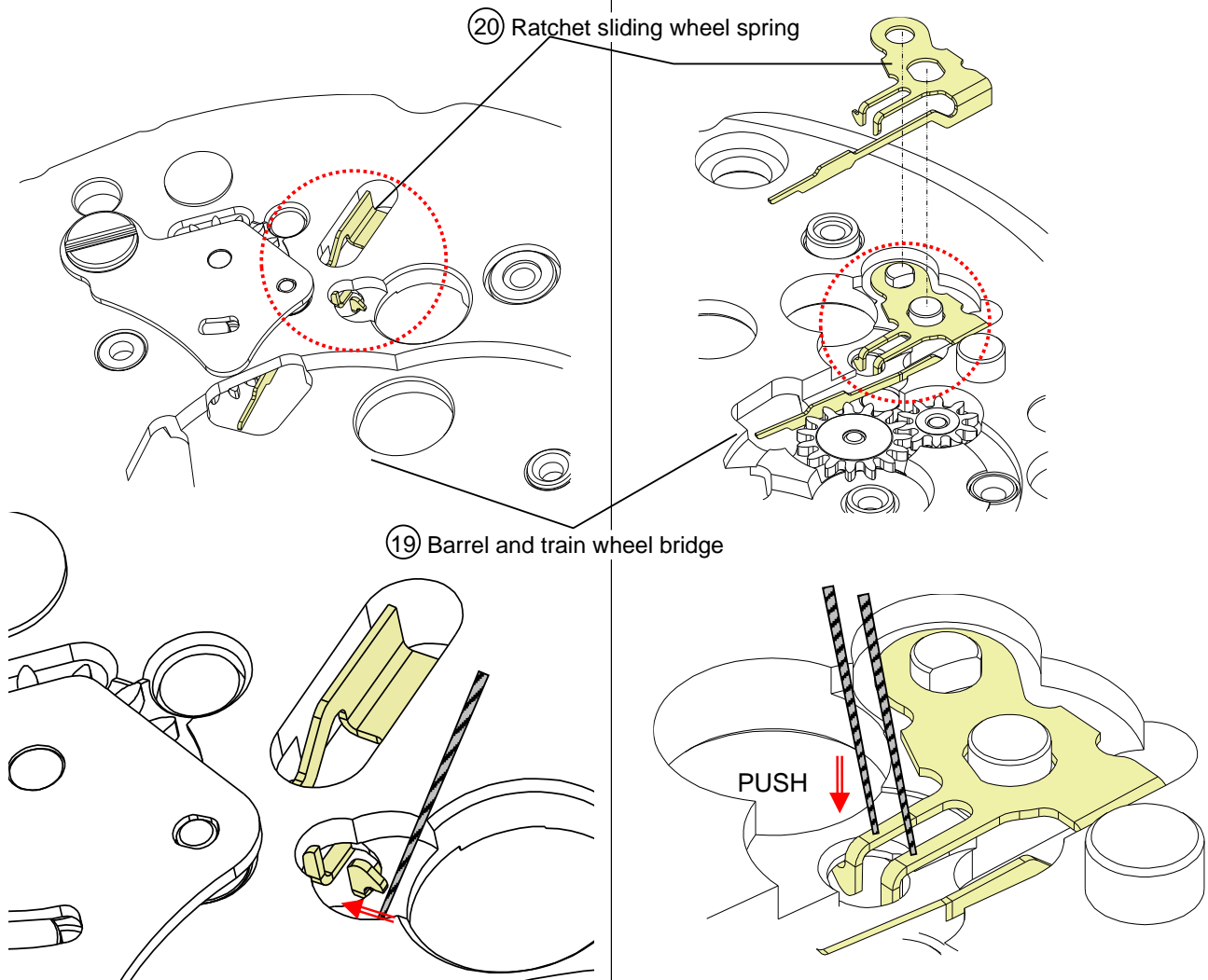
<< Assembling >>



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

<< Disassembling >>

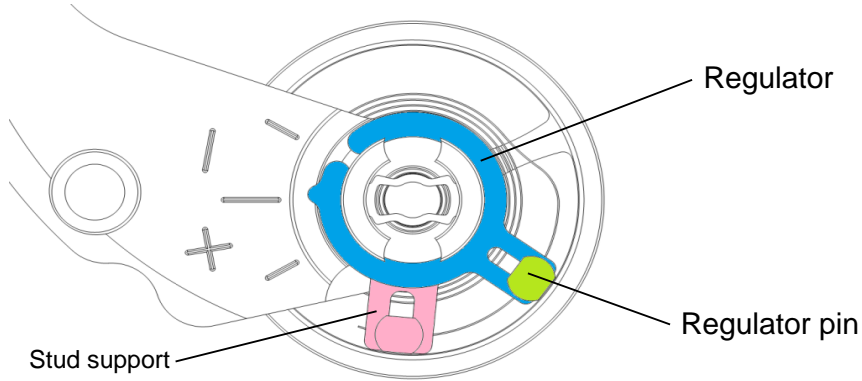
<< Assembling >>



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.

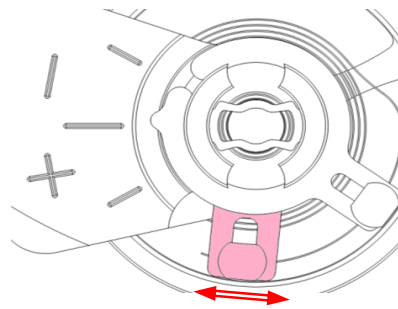
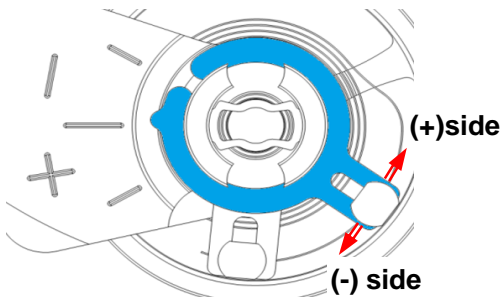
6. Accuracy adjustment



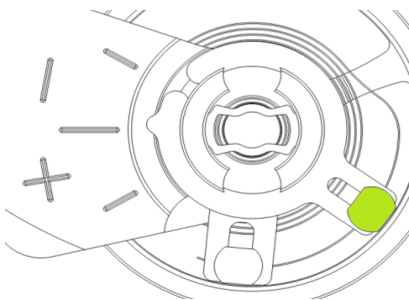
Note:

•Regulator ... Time adjustment

•Stud support ... Beat error adjustment



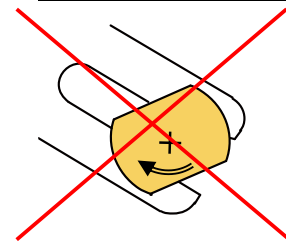
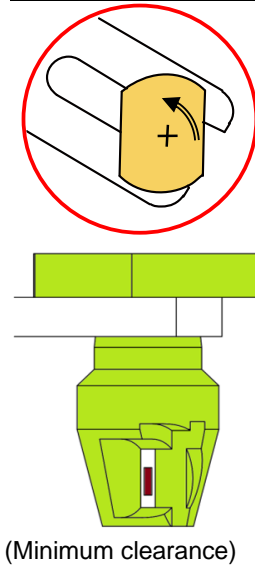
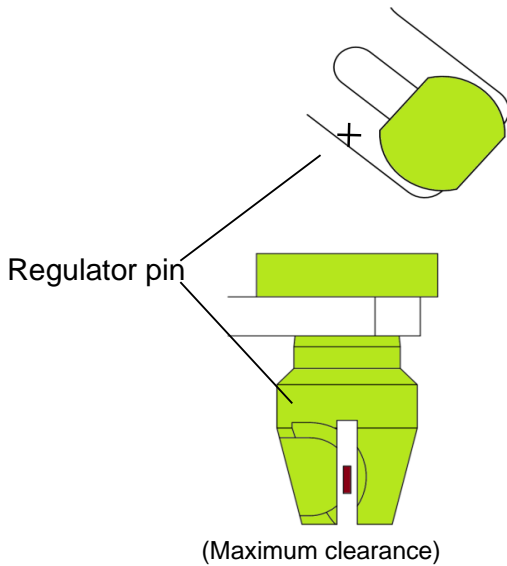
•Regulator pin ... Gap adjustment of balance spring and regulator pin



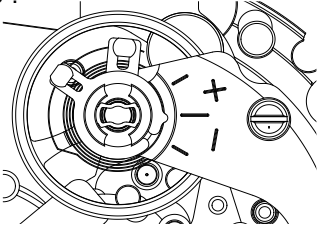
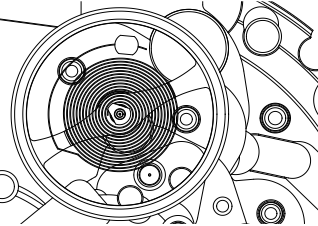
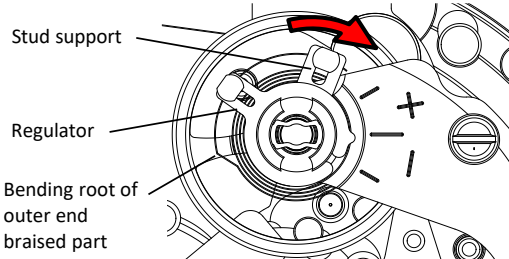
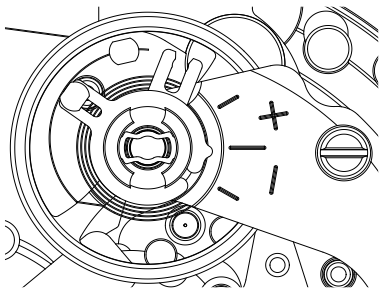
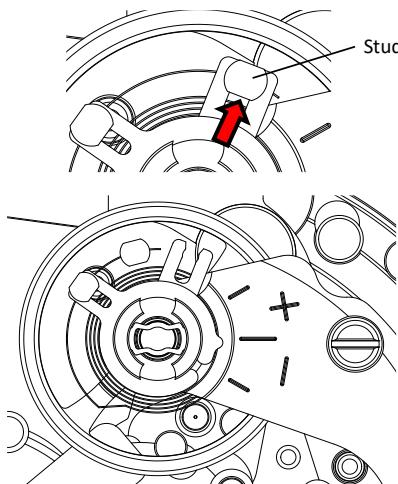
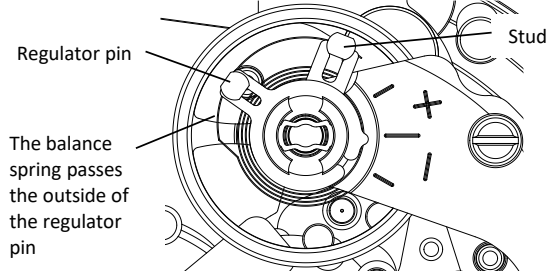
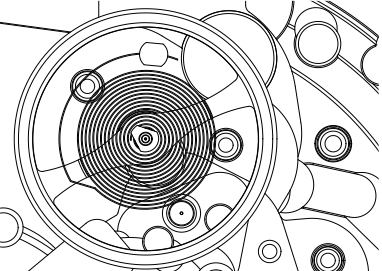
Before rotating

After rotating
Anticlockwise rotation

No clockwise rotation



7. How to remove and install the Balance complete with stud

How to remove	How to install
<p>1. Initial phase Set "Balance with balance spring with balance bridge" to "Main plate".</p> 	<p>1. Initial phase Set a new balance complete with stud to the main plate.</p> 
<p>Operation of "Stud support" Move the stud support toward the arrow marked direction until it touches the balance cock. * At this time, make sure that the "Regulator" is not located at the bending root of the outer end reforming part of the "balance spring"</p> 	<p>2. Set the Balance cock and tighten the balance cock screw.</p> 
<p>3. Using sturdy tweezers, push the stud outward from the direction of the arrow shown in the illustration until it is removed from the stud support.</p> 	<p>3. Temporarily set the stud to the stud support. Make sure that the balance spring passes outside the regulator pin. * Be careful not to damage the balance spring.</p> 
<p>4. Unscrew the Balance cock screw and remove the Balance cock. * Be careful not to deform the "balance spring".</p> 	<p>4. Using sturdy tweezers, set the stud to the stud support and press it down. Make sure that the outer coil passes through the regulator pin slot. * Be careful not to damage the balance spring.</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-bottom: 10px;"> <p>Make sure that the outer coil passes through the regulator pin slot.</p> </div> 