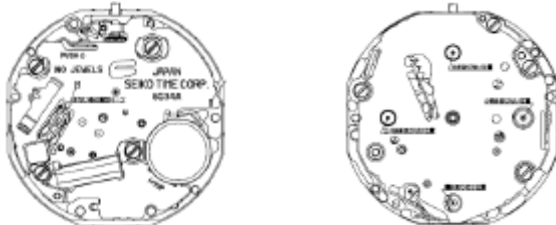
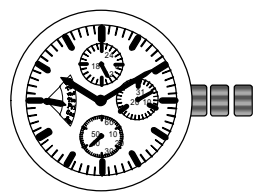


PARTS CATALOGUE / TECHNICAL GUIDE

Cal. 6G34A




[SPECIFICATIONS]

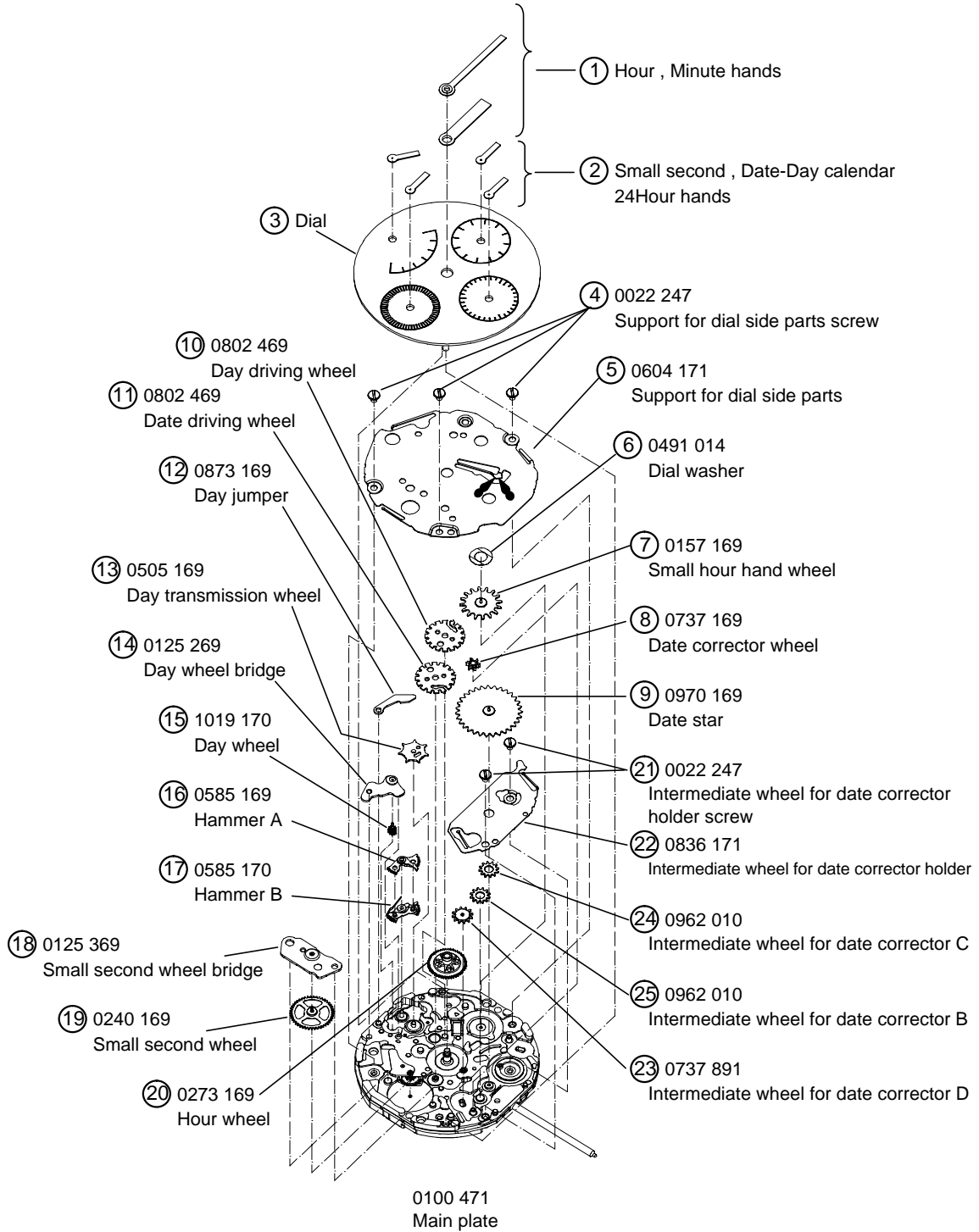
Item	Cal. No.	6G34A
Movement		
Movement size (mm)	Outside diameter	23.7mm
	Casing diameter	23.3mm
	Total height	3.45mm
Time indication	Main time: Hour, minute and small second hand (6H position)	
Driving system	Step motor	
Additional mechanism	<p>Date calendar (3H position)</p> <p>Day calendar/ Retrograde (10H position)</p> <p>24 cities (12H)</p> <p>Second setting device</p> <p>Electronic circuit reset switch</p> 	
Crown Operation	Original	Free
	Second click	Date setting (turn counterclockwise)
	First click	Time setting (turn clockwise to move forward and counterclockwise to move back)
Accuracy	Less than 20 seconds: Monthly rate at normal temperature range	
Loss/gain	Nil	
Measuring gate by quartz tester	10-second gate	
Battery	Battery No.	SR626SW (Silver oxide battery)
	Voltage	1.55V
	Battery life	Approx. 3 years
Number of jewels	Nil	

SEIKO WATCH CORPORATION

PARTS CATALOGUE




Cal.6G34A

Disassembling procedures Figs.	①	②⑤	Lubricating : Types of oil	Oil quantity
Reassembling procedures Figs.	②⑤	①	 Moebius A (AO-3)  Moebius F (AO-2)	 Normal quantity

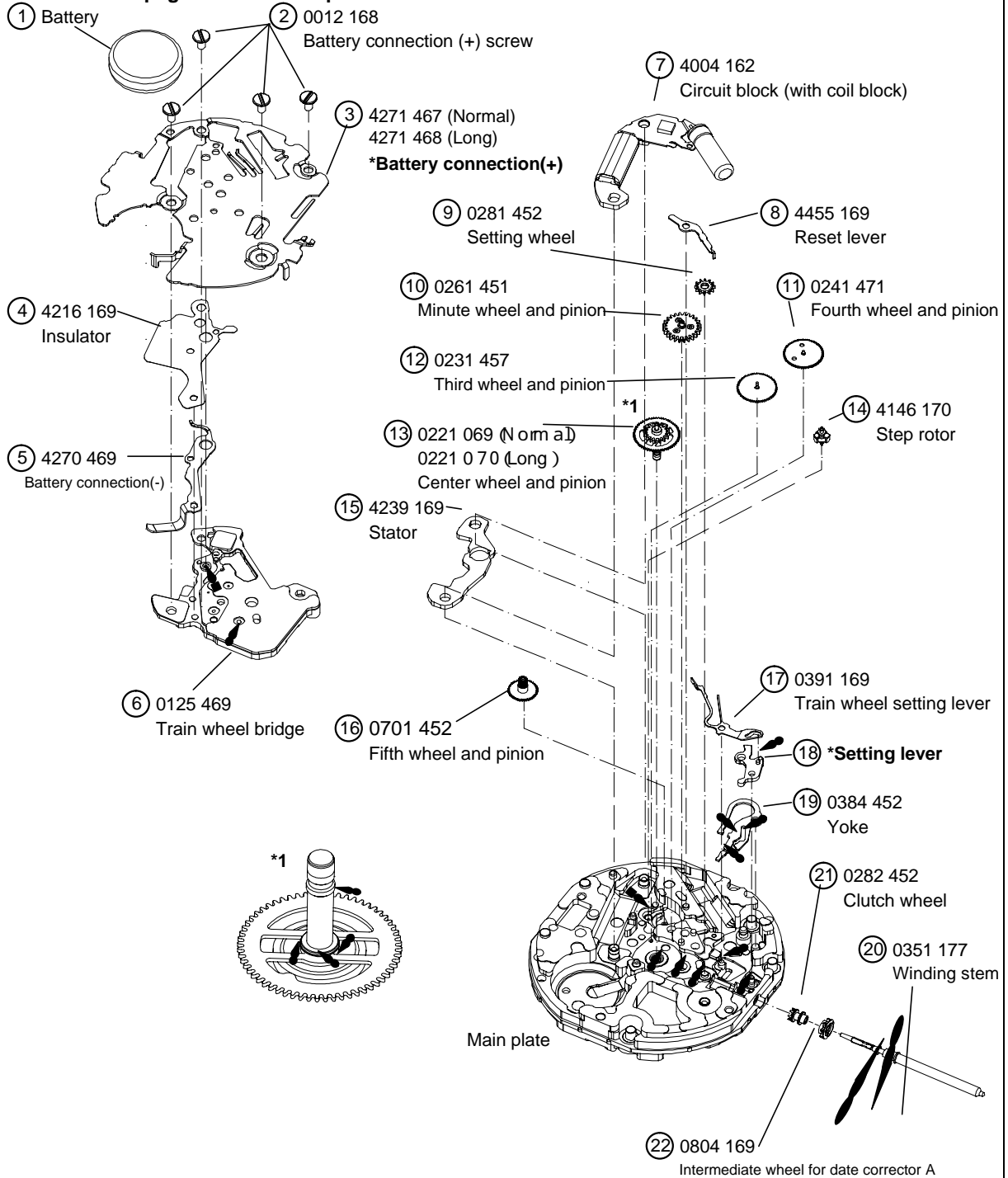


PARTS CATALOGUE

Cal.6G34A

Disassembling procedures Figs.	①	②②	Lubricating : Types of oil	Oil quantity
Reassembling procedures Figs.	②②	①	 Moebius A (AO-3)  Moebius F (AO-2)	 Normal quantity

***Refer to the 7pages for the each parts code**



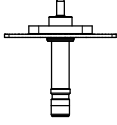
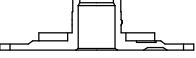
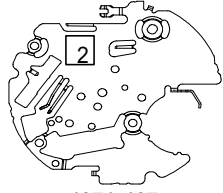
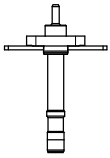
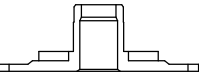
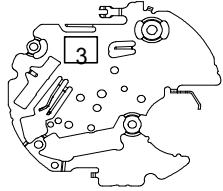
Revision: Aug. 2008

TECHNICAL GUIDE

Cal.6G34A

Discrimination of the hand installation height

Cal.6G34A watch has numerals printed on the dial and the movement to indicate the installation heights. When repairing, refer to the table below.

Number for Discrimination	13 Center wheel and pinion	20 Hour wheel	3 Battery connection (+)
2	 <p>0221 069</p>	 <p>0273 169</p>	 <p>4271 467</p>
3	 <p>0221 070</p>	 <p>0273 170</p>	 <p>4271 468</p>

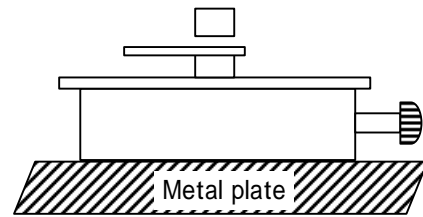
The explanation here is only for the particular point of Cal.6G34

1.REMARKS ON DISASSEMBLING AND REASSEMBLING

(1)HAND

How to install hands

Place the movement directly on a flat metal plate or the like to install the hands.



Note: How to procedure hands

The state of movement is confirmed by the position of a right picture.

Pull out the crown to the second click position and rotation. The position is setting.

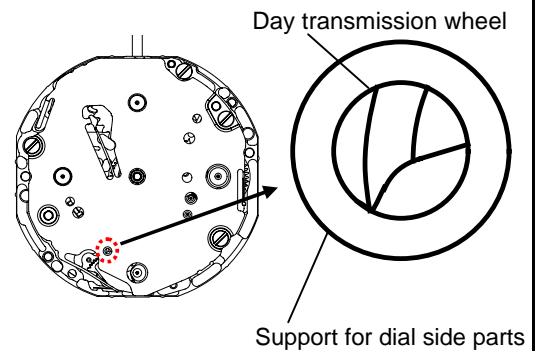
Dial setting.

Install the Day calendar hand at the first position.

Install the Date calendar and small second hands at the 12 o'clock position.

Pull out the crown to the second click position and rotation it clockwise the change date.

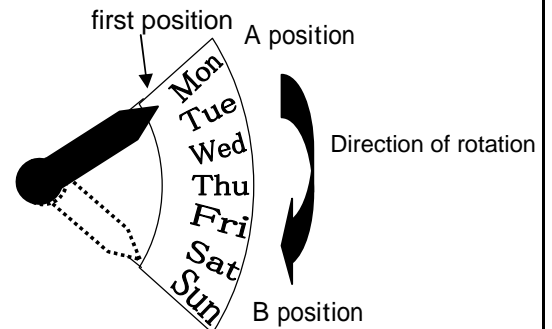
Install the 24hour and hour and minute hands at the 12 o'clock position.



(2)Day calendar (Retrograde) hand

Be quick in Day calendar hand

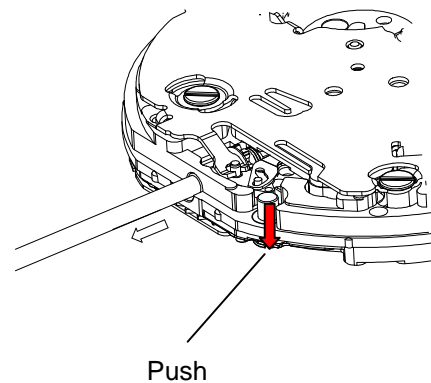
The hand instantaneously returns from B position to A position when one week passes.



(3)Winding stem

How to remove

While pushing the indented portion of the arrow pull out the winding stem.



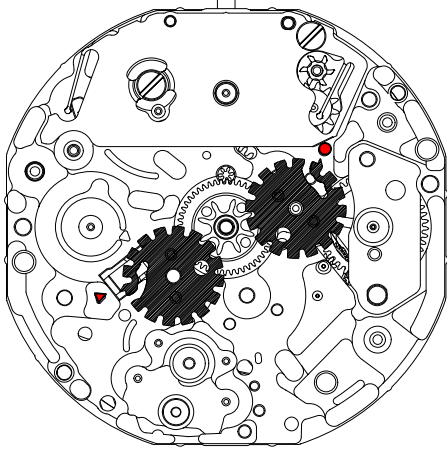
(6)Setting position (Notes at the time of disassembling and a reassembling)

How to Date-Day driving wheels setting position

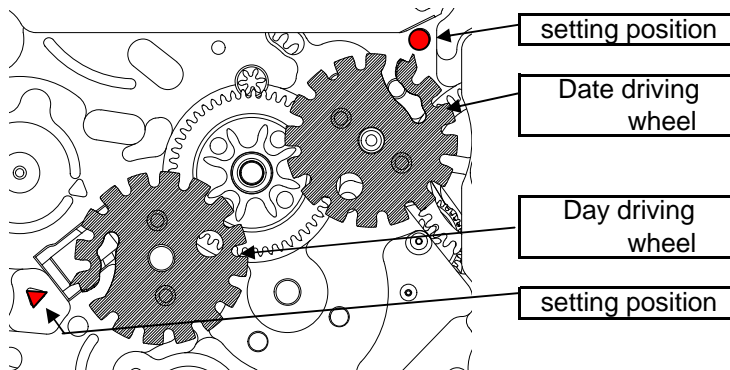
Note:

- The Date indicator finger of a Date driving wheels is setting position " "mark of Main plate.
- The Day indicator finger of a Day driving wheels is setting position " "mark of Main plate.

Cal. 6G34 setting position



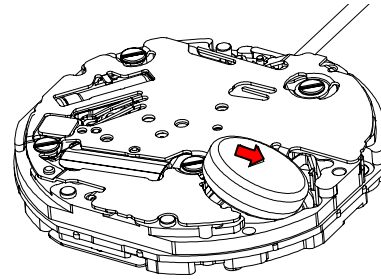
Enlargement



(4) Battery

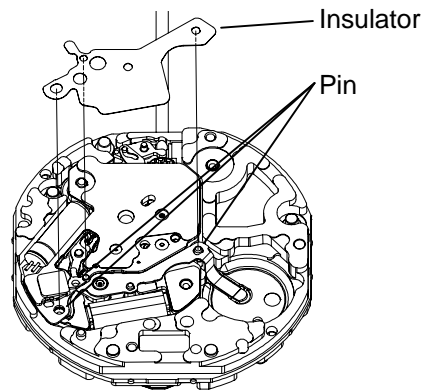
How to install

Insert the battery aslant in the direction shown by the arrow.
Check the battery connection (+) securely touches the side face of the battery.



(5) Insulator

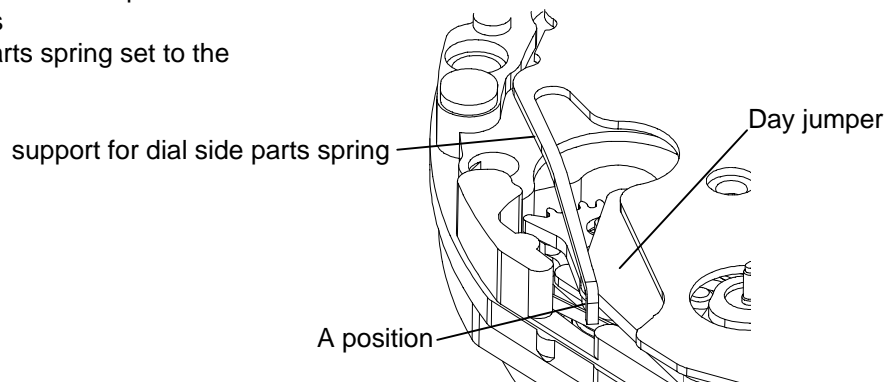
Notes : To insulate between the battery connection (+) and the battery connection (-), the insulator should put at the three pin securely as bellow.



(6) Day jumper and support for dial side parts

Reassembling procedures

The support for dial side parts spring set to the day jumper. (A position)

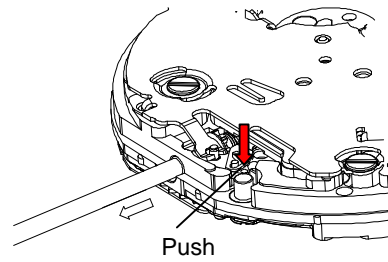


. Remarks on disassembling and assembling

(1)Winding stem

How to remove

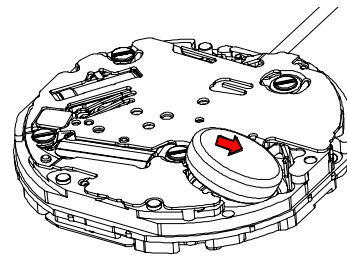
While pushing the indented portion of the arrow pull out the winding stem.



(2)Battery

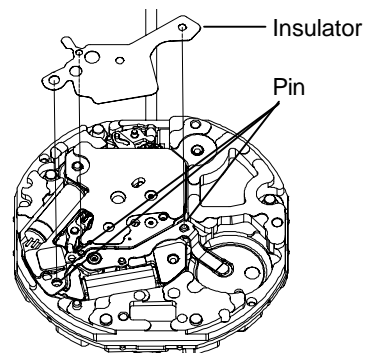
How to install

Insert the battery aslant in the direction shown by the arrow. Check the battery connection (+) securely touches the side face of the battery.



(3) Insulator

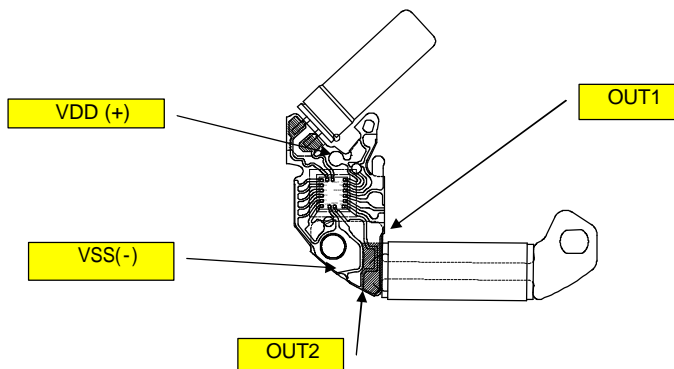
Notes : To insulate between the battery connection (+) and the battery connection (-), the insulator should put at the three pin securely as bellow.



. VALUE CHECKING

Coil block resistance (see illustration below)		Contact OUT 1 & OUT 2 (see illustration below) 1.7 - 1.9 $\mu\Omega$
Current consumption circuit block	For the whole movement	Less than 1.88 μA
	For the circuit block alone (see illustration below)	Contact VDD(+) & VSS(-) (see illustration below) Less than 0.27 μA

Patterns Locations For Circuit Block (with Coil Block)



* Measure resistance of the coil block : Contact OUT 1 & OUT 2

* Measure the current consumption for the circuit block alone : Contact VDD(+) & VSS(-)