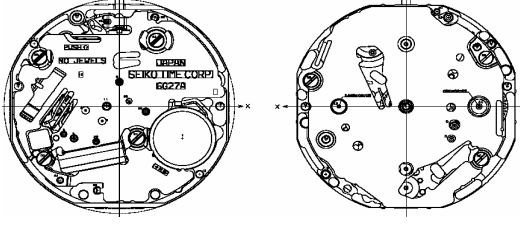






PARTS CATALOGUE / TECHNICAL GUIDE

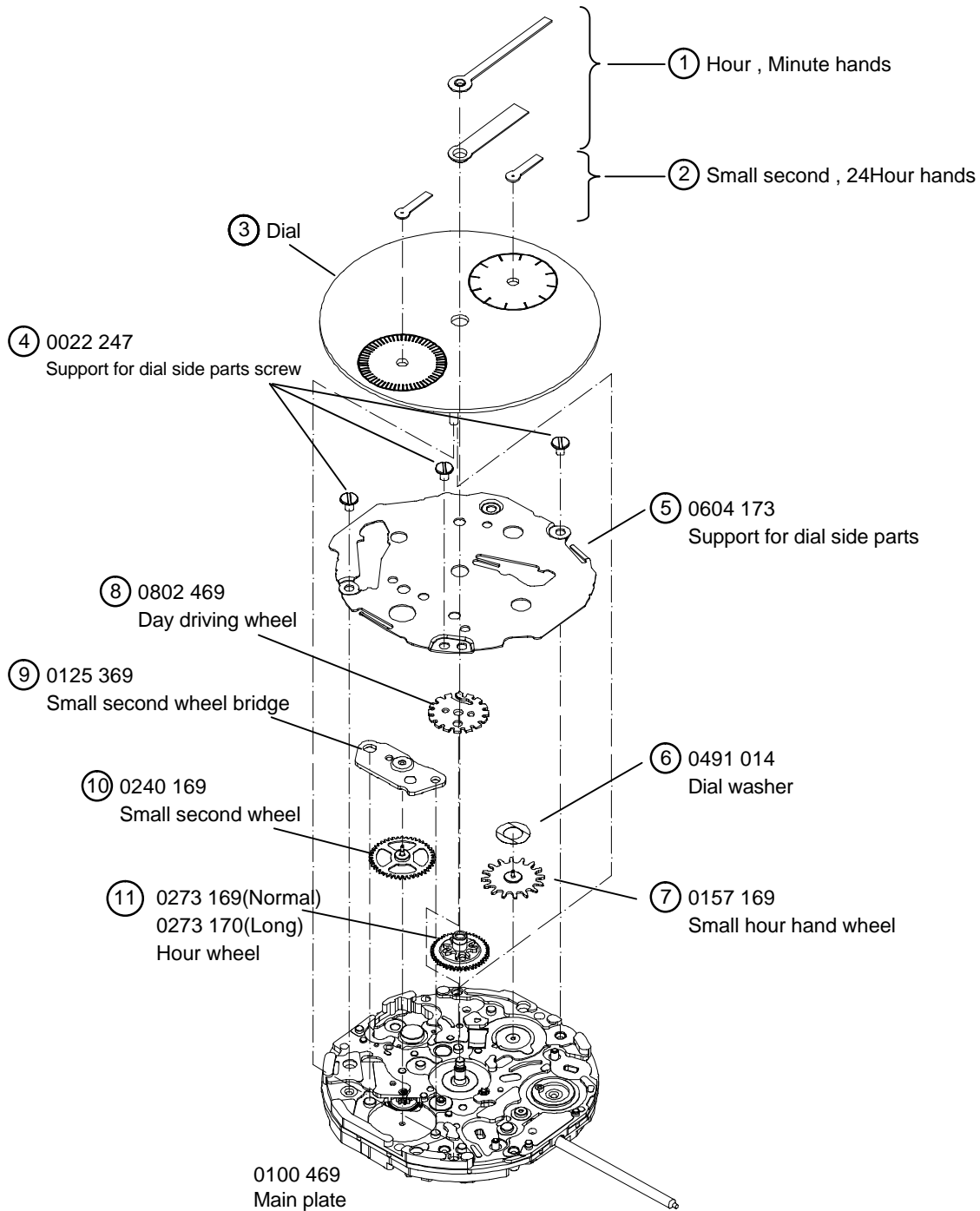
Cal. 6G27A



[SPECIFICATIONS]

Cal. No.		6G27A
Item		
Movement		
Movement size (mm)	Outside diameter	23.7mm
	Casing diameter	23.3mm
	Total height	3.45mm
Time indication		2 hands (hour, minute)
Driving system		Step motor
Additional mechanism		<p>24 cities (12H)</p> <p>Second setting device</p> <p>Electronic circuit reset switch</p> 
Crown Operation	Original	Free
	First click	Time setting (turn clockwise to move forward and counterclockwise to move back)
Accuracy		Less than 15 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

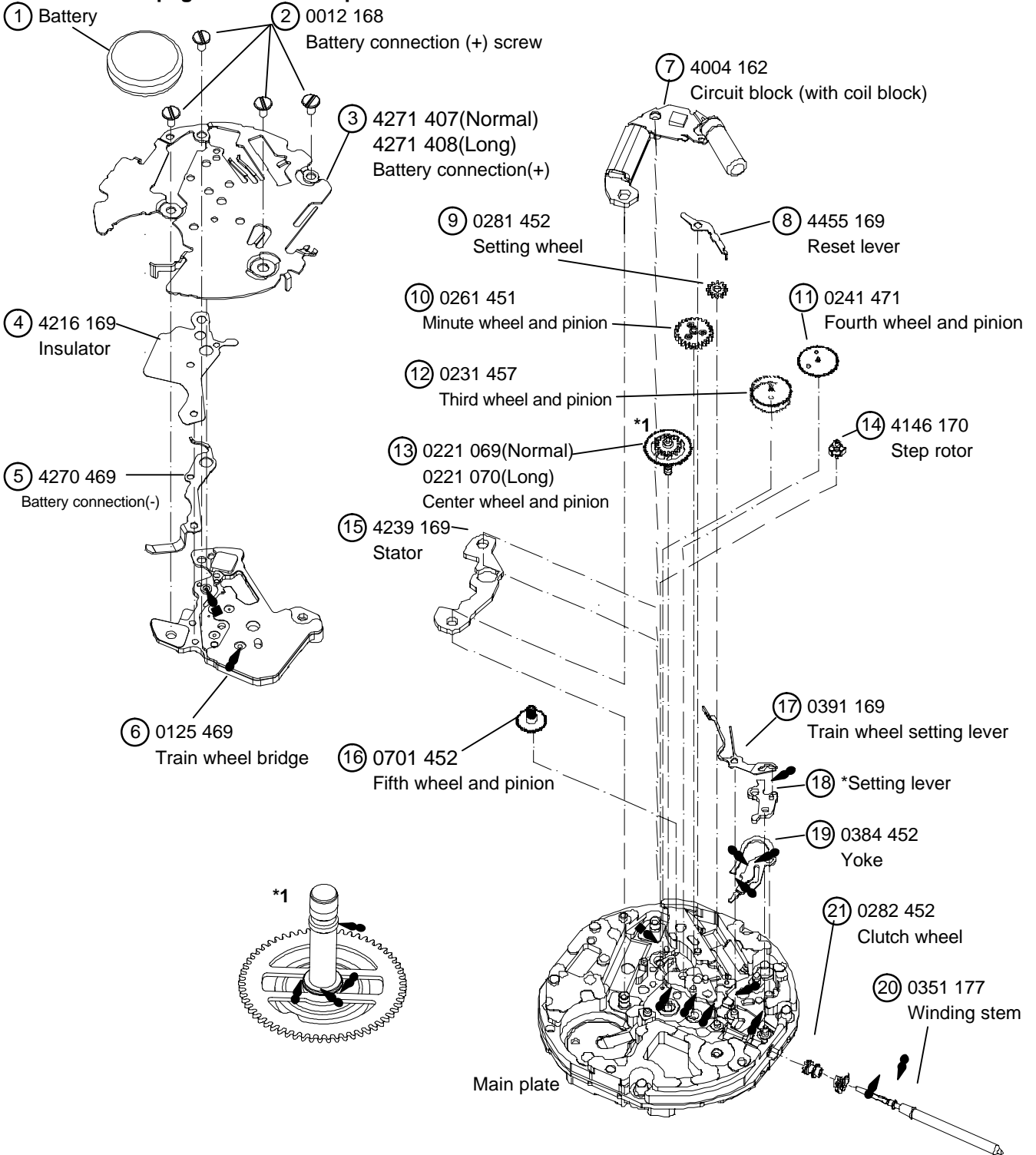
SEIKO WATCH CORPORATION

Disassembling procedures Figs.	①	⑪	Lubricating : Types of oil	Oil quantity
Reassembling procedures Figs.	⑪	①	 Moebius A (AO-3)  Moebius F (AO-2)	 Normal quantity



Disassembling procedures Figs.	①	②①	Lubricating : Types of oil	Oil quantity
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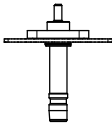
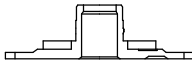
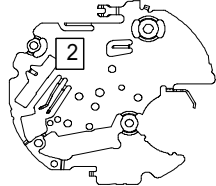
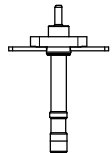
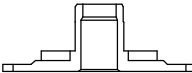
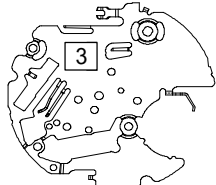
***Refer to the 10pages for the each parts code**



REMARKS

Discrimination of the hand installation height

Cal.6G27A watch has numerals printed on the dial and the movement to indicate the installation heights. When repairing, refer to the table below.

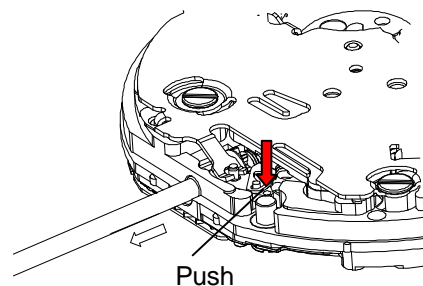
Number for Discrimination	 Center wheel and pinion	 Hour wheel	 Battery connection (+)
2	 0221 069	 0273 169	 4271 407
3	 0221 070	 0273 170	 4271 408

. Remarks on disassembling and assembling

(1) Winding stem

How to remove

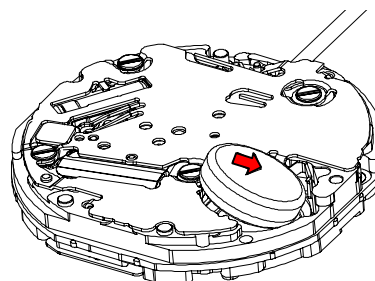
While pushing the indented portion of the arrow pull out the winding stem.



(2) Battery

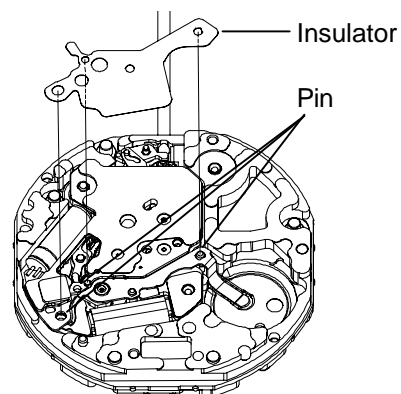
How to install

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

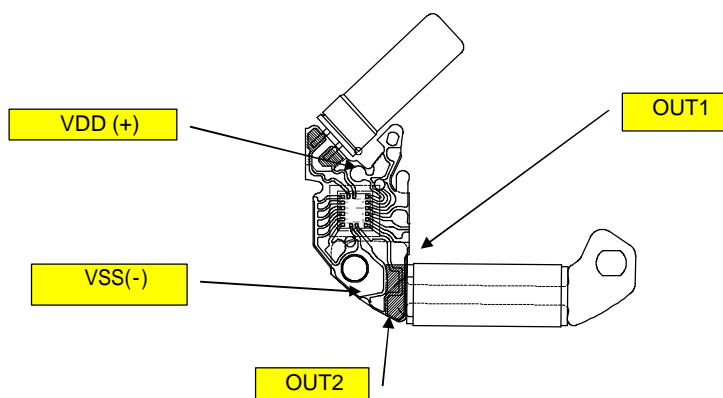
Notes :To insulate between the battery connection (+) and the battery connection (-), the insulator should put at the three pin securely as bellow.



. 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 1.18 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(-)