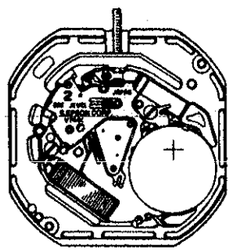
SERVICE GUIDE CAL. V744C

1. SPECIFICATIONS

Item \ Cal. No.		V744C
Movement		  (x 1.5)
Movement size	Outside diameter	ø26.4 mm 23.5 mm between 6 o'clock and 12 o'clock sides 23.5 mm between 3 o'clock and 9 o'clock sides
	Casing diameter	ø25.6 mm 23.5 mm between 6 o'clock and 12 o'clock sides 21.9 mm between 3 o'clock and 9 o'clock sides
	Height	2.78 mm
Time indication		3 hands
Driving system		Step motor (Load compensated driving pulse type)
Additional mechanism		Day and date calendar
		Instant setting device for day and date calendar
		Train wheel setting device
		Electronic circuit reset switch
Loss/gain		Monthly rate at normal temperature range: less than 20 seconds
Regulation system		Nil
Measuring gate by quartz tester		Use 10-second gate.
Battery		SEIKO SR920SW MAXELL SR920SW SONY SR920SW MATSUSHITA SR920SW EVEREADY 371 Voltage : 1.55 V Battery life is approximately 5 years.
Jewels		1 jewel
After-sales servicing system		Whole movement will be replaced with a new one. (Only the curcuit block is available for supply.)

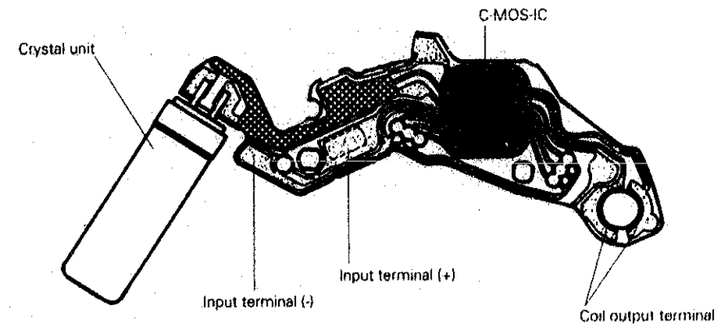
2. DISCRIMINATION OF THE HAND INSTALLATION HEIGHT

Cal. V7 Series watches have numerals printed on the dial and the movement to indicate the hand installation height. When repairing, refer to the table below to check the movement Ref. No. corresponding to the hand installation height.

Numeral for discrimination	Movement Ref. No.
1 (Short type)	–
2 (Standard type)	UV74420

3. STRUCTURE OF THE CIRCUIT BLOCK

[Cal. V744C] Part No. : 4000 633



4. VALUE CHECKING

Coil block resistance		1.18 KΩ ~ 1.58 KΩ
Current consumption	For the whole movement	less than 1.2 µA
	For the circuit block alone	less than 0.28 µA

Remarks:
When the current consumption exceeds the standard value for the whole movement but is within the standard value range for the circuit block alone, the watch is generating the driving pulse for compensating for the heavy load that may be applied to the gear train, etc.
In this case, overhaul and clean the movement parts and then measure current consumption for the whole movement again.

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