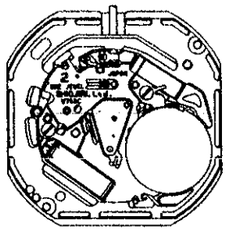
SERVICE GUIDE CAL. V742C / V743C

1. SPECIFICATIONS

Item \ Cal. No.		V742C	V743C
Movement		  The illustrations refer to Cal. V742C. (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		Date calendar	Day/date calendar
		Instant setting device for date calendar	Instant setting device for day/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. V742C and V743C 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.

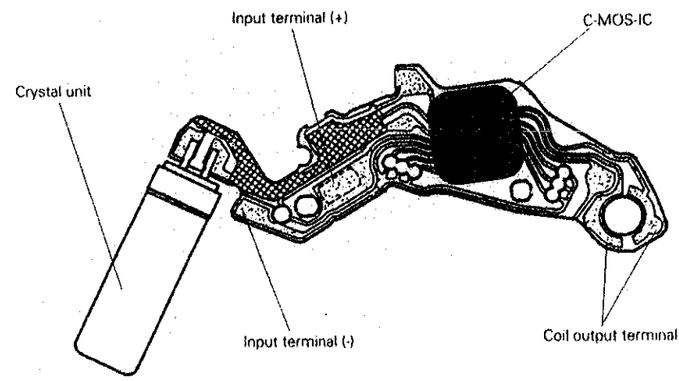
Numeral for discrimination \ Cal. No.	V742C	V743C
2 (Standard type)	UV74220	UV74320

3. REMARKS ON THE MARK ON THE BATTERY CONNECTION (+)

The battery connection (+) is marked either "SHIOJIRI LTD" or "MORIOKA TOKEI INC". Both movements are otherwise identical and can be used interchangeably.

4. STRUCTURE OF THE CIRCUIT BLOCK

[Cal. V742C, V743C] Part No. : 4000 633



5. VALUE CHECKING

Cal. No.		V742C	V743C
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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