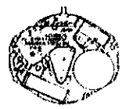
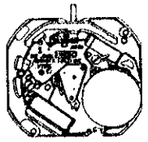
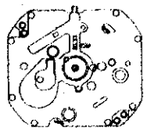
SERVICE GUIDE CAL. V700C / V701C / V721C

1. SPECIFICATIONS

Item \ Cal. No.		V700C	V701C	V721C
Movement		  The illustrations refer to Cal. V701C. (x 1.0)		  (x 1.0)
Movement size	Outside diameter	ø18.1 mm 18.2 mm between 6 o'clock and 12 o'clock sides 15.3 mm between 3 o'clock and 9 o'clock sides		ø24.0 mm 21.5 mm between 6 o'clock and 12 o'clock sides 19.2 mm between 3 o'clock and 9 o'clock sides
	Casing diameter	ø18.1 mm 17.8 mm between 6 o'clock and 12 o'clock sides 15.3 mm between 3 o'clock and 9 o'clock sides		ø24.0 mm 21.5 mm between 6 o'clock and 12 o'clock sides 19.2 mm between 3 o'clock and 9 o'clock sides
	Height	2.1 mm		
Time indication		2 hands	3 hands	
Driving system		Step motor (Fixed-width pulse system)	Step motor (Load compensated driving pulse type)	
Additional mechanism		Train wheel setting device		
		Electronic circuit reset switch		
Loss/gain		Monthly rate at normal temperature range: less than 15 seconds		
Regulation system		Nil		
Measuring gate by quartz tester		Use 10-second gate.		
Battery		SEIKO SR616SW MAXELL SR616SW SONY SR616SW MATSUSHITA SR616SW Voltage : 1.55 V Battery life is approximately 5 years.	SEIKO SR621SW MAXELL SR621SW SONY SR621SW MATSUSHITA SR621SW EVEREADY 364 Voltage : 1.55 V Battery life is approximately 2 years.	SEIKO SR920SW MAXELL SR920SW SONY SR920SW MATSUSHITA SR920SW EVEREADY 371 Voltage : 1.55 V Battery life is approximately 5 years.
Jewels		0 jewel		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. V700C, V701C and V721C 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.	V700C	V701C	V721C
1 (Short type)	UV70010	UV70110	(UV72110)*
2 (Standard type)	–	UV70120	(UV72120)*

* Japanese domestic model only (as of June, 1995).

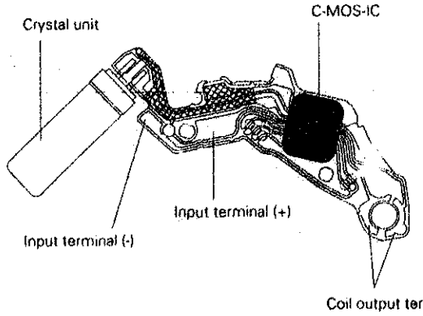
3. REMARKS ON THE MARK ON THE BATTERY CONNECTION (+)

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

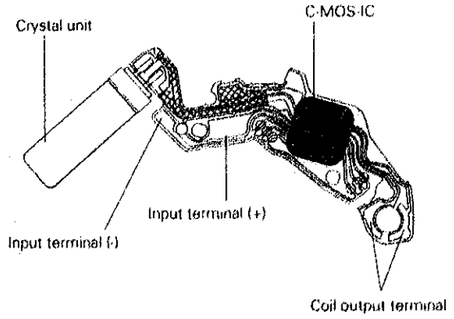
[Cal. V700C]

Part No. : 4000 631



[Cal. V701C, V721C]

Part No. : 4000 633



5. VALUE CHECKING

Cal. No.		V700C	V701C	V721C
Coil block resistance		0.90 KΩ ~ 1.30 KΩ		1.18 KΩ ~ 1.48 KΩ
Current consumption	For the whole movement	less than 0.5 µA	less than 1.40 µA	less than 1.20 µA
	For the circuit block alone	less than 0.28 µA		

Remarks on Cal. V701C and V721C:
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 a driving pulse to compensate 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.

SEIKO CORPORATION TOKYO, JAPAN (95-7) Printed in Japan