

SERVICE GUIDE CAL. V700A / V701A

1. SPECIFICATIONS

Cal. No.		V700A	V701A
Item			
Movement			
Movement size	Outside diameter	18.2mm between 6 o'clock and 12 o'clock sides 15.3mm between 3 o'clock and 9 o'clock sides	
	Casing diameter	17.8mm between 6 o'clock and 12 o'clock sides 15.3mm between 3 o'clock and 9 o'clock sides	
	Height	2.1mm	
Time indication		2 hands (Hand motion: 20-second step)	3 hands
Driving system		Step motor (Fixed-width pulse system)	Step motor (Load compensated driving pulse type)
Additional mechanism		-	<ul style="list-style-type: none"> • 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 SR616SW MAXELL SR616SW SONY SR616SW MATSUSHITA SR616SW Voltage: 1.55V Battery life is approximately 3 years.	SEIKO SR621SW MAXELL SR621SW SONY SR621SW MATSUSHITA SR621SW EVEREADY 364 Voltage: 1.55V Battery life is approximately 2 years.
Jewels		0 jewel	
After-sales servicing system		Whole movement will be replaced with a new one. (Only the circuit block is available for supply.)	

2. DISCRIMINATION OF THE INSTALLING HEIGHT OF THE HANDS

Cal. V7 series watches have numerals printed on the dial and the movement to indicate the installing heights of hands. When repairing, refer to the table below.

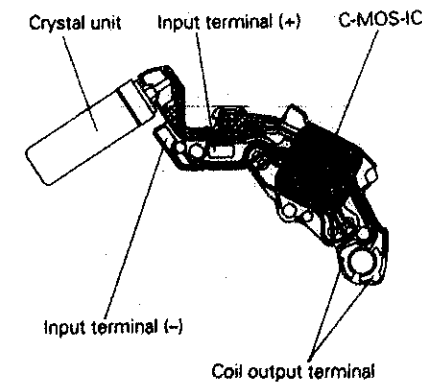
Discrimination	Height	Short type	Standard type	Extra long type
	Numeral for discrimination	1	2	4
	Printed on	Dial		Movement
	Printed position	Ex.) Short type The numeral is printed at the right end.		Ex.) Short type The numeral is printed below the calibre number.

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

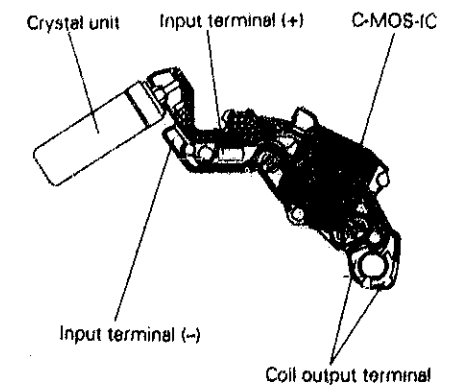
The battery connection (+) is marked with either "SHIOJIRI LTD" or "MORIOKA TOKEI INC". In spite of the different marks, they can be used interchangeably.

4. STRUCTURE OF THE CIRCUIT BLOCK

[Cal. V700A] Part No.: 4000 812



[Cal. V701A] Part No.: 4000 811



5. VALUE CHECKING

Cal. No.		V700A	V701A
Coil block resistance		1.9KΩ ~ 2.3KΩ	2.4KΩ ~ 2.8KΩ
Current consumption	For the whole of the movement	less than 0.6μA	less than 1.3μA
	For the circuit block alone	less than 0.5μA	less than 0.4μA