


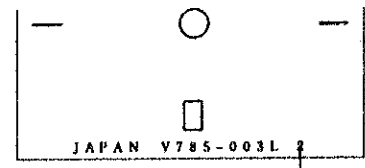
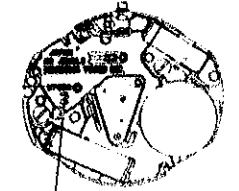
# SERVICE GUIDE CAL. V785A

## 1. SPECIFICATIONS

Item		Cal. No.	V785A
Movement			 <p style="text-align: right;">(x 1.5)</p>
Movement size	Outside diameter	ø17.8mm 15.7mm between 3 o'clock and 9 o'clock sides	
	Casing diameter	ø17.4mm 15.3mm between 3 o'clock and 9 o'clock sides	
	Height	2.6mm	
Time indication		3 hands	
Driving system		Step motor (Load compensated driving pulse type)	
Additional mechanism		Date calendar Instant setting device for date calendar Train wheel setting device Electronic circuit reset switch Battery life indicator	
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 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.

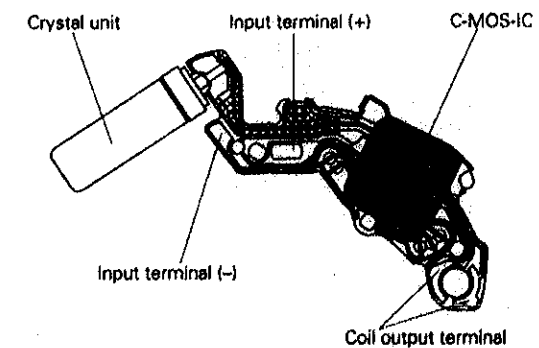
Discrimination	Height	Short type	Standard type	Extra long type
	Numeral for discrimination	1	2	4
Printed on		Dial		Movement
Printed position		Ex.) Standard type  <p>JAPAN V785-003L 2</p> The numeral is printed at the right end.		Ex.) Standard type  The numeral is printed below the calibre number.

## 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

Part No.: 4000 813



## 5. VALUE CHECKING

Coil block resistance		2.4KΩ ~ 2.8KΩ
Current consumption	For the whole of the movement	less than 1.3μA
	For the circuit block alone	less than 0.4μA

### Remarks:

When the current consumption exceeds the standard value for the whole of the movement but within the standard value range for the circuit block alone, overhaul and clean the movement parts and then measure current consumption for the whole of the movement again. The reason for this is that the driving pulse generated to compensate for a heavy load that may be applied to the gear train, etc., is considered to cause excessive current consumption by the whole of the movement.