

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.

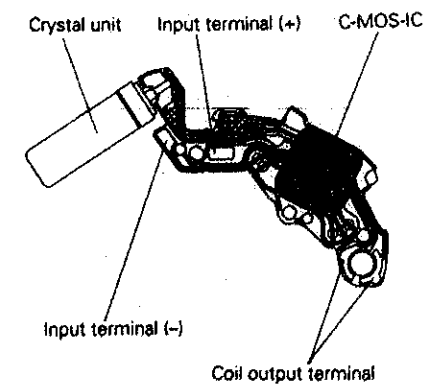
| Discrimination | Height | Short type | Standard type | Extra long type |
|----------------|----------------------------|---|---------------|---|
| | Numeral for discrimination | 1 | 2 | 4 |
| | Printed on | Dial | | Movement |
| | Printed position | Ex.) Short type The numeral is printed at the right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

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

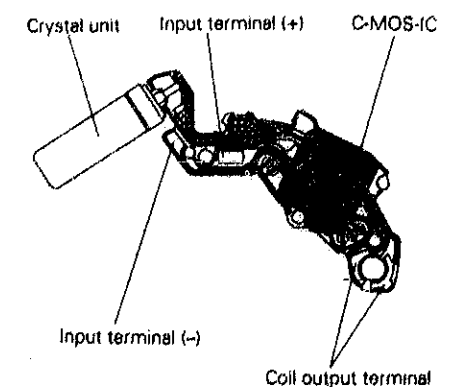
The battery connection (+) is marked with either "SHIOJIRI LTD" or "MORIOKA TOKEI INC". In spite of the different marks, they can be used interchangeably.

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 |