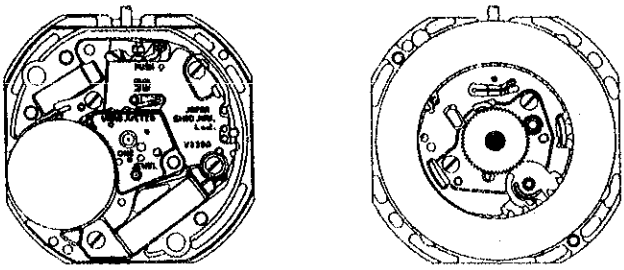


# PARTS CATALOGUE/TECHNICAL GUIDE

## Cal. V339A

### [SPECIFICATIONS]

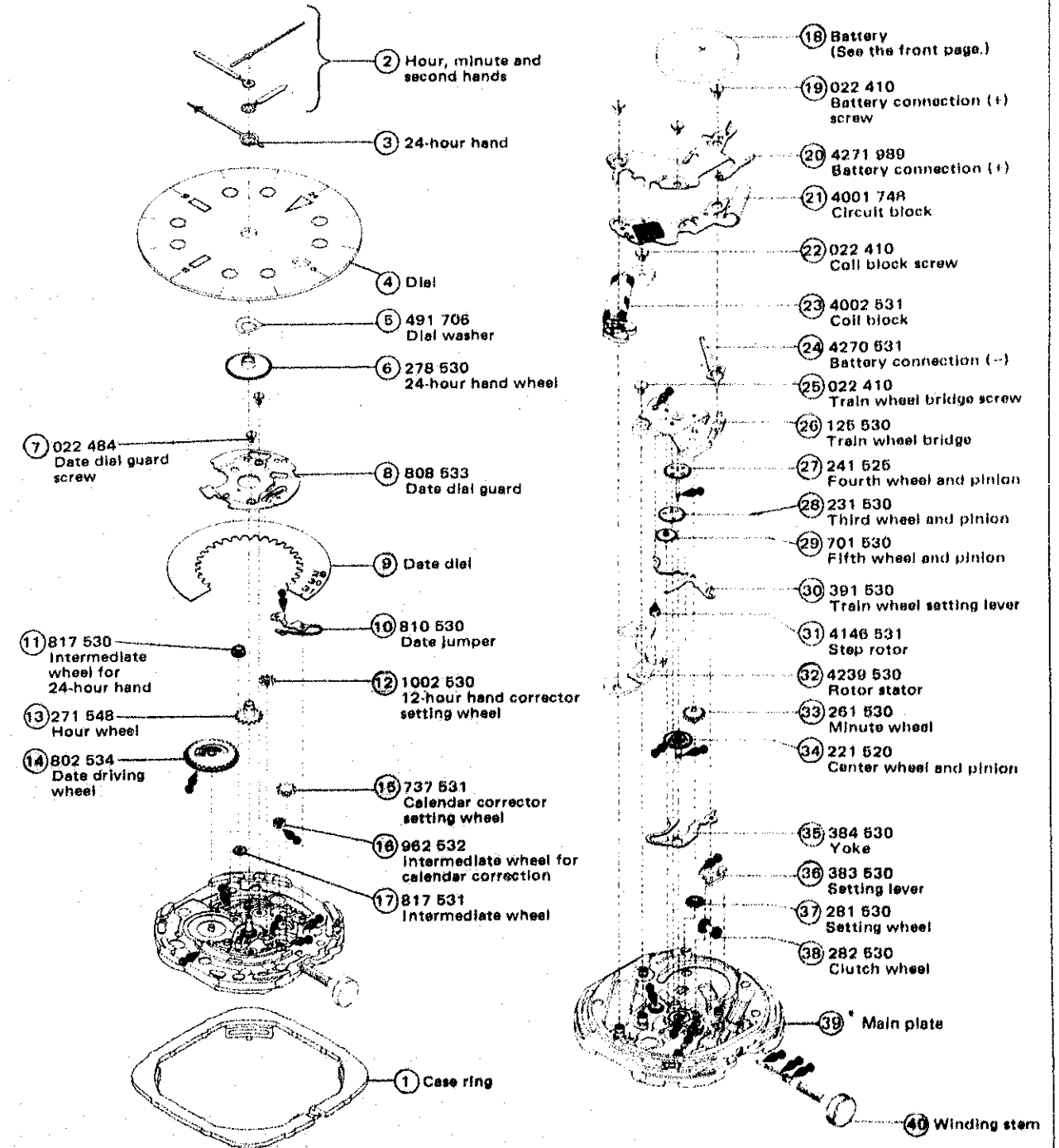
Cal. No.		V339A
Item		
Movement		
Movement size	Outside diameter	φ24.0 mm 21.5 mm between 3 o'clock and 9 o'clock 21.5 mm between 6 o'clock and 12 o'clock
	Casing diameter	φ23.3 mm 21.3 mm between 3 o'clock and 9 o'clock 21.5 mm between 6 o'clock and 12 o'clock
	Height	2.92 mm
Time indication		4 hands
Driving system		Step motor (Load compensated driving pulse type)
Additional mechanism		<ul style="list-style-type: none"> <li>• Calendar</li> <li>• 24-hour indication</li> <li>• Instant calendar (date) setting device</li> <li>• Instant 12-hour hand setting device</li> <li>• Electronic circuit reset switch</li> <li>• Train wheel setting device</li> </ul>
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 SR916SW, Maxell SR916SW, Matsushita SR916SW Battery life is approximately 3 years. Voltage: 1.55V
Jewels		1 jewel

HATTORI SEIKO CO., LTD.

# PARTS CATALOGUE

Cal. V339A

Disassembling procedures Figs.: ① → ④①  
 Reassembling procedures Figs.: ④① → ①  
 Lubricating: Types of oil  
 ● Moebius A  
 Oil quantity  
 ○ Normal quantity  
 ◊ Extremely small



➡ Please see the remarks on the following pages.

\* Unavailable for supply

**Remarks:**

⑨ Date dial

Part code	Figure color	Background color	Calendar frame position	Crown position
801 697	Black	White	3 o'clock	3 o'clock
801 698	White	Black	3 o'clock	3 o'clock

If any other type of date dial is required, refer to the "Casing Parts Catalogue" or "List of Date Dial".

⑩ Winding stem 354 530

The type of winding stem is determined based on the design of cases.  
Check the case number and refer to the "Casing Parts Catalogue" to choose a corresponding winding stem.

## TECHNICAL GUIDE

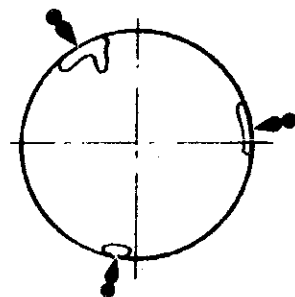
- The explanation here is only for the particular points of Cal. V339A.
- For repairing, checking and measuring procedures, refer to the "TECHNICAL GUIDE, GENERAL INSTRUCTIONS".  
For an explanation of items not mentioned here, refer to the "TECHNICAL GUIDE for Cal. V3 series".

### I. REMARKS ON DISASSEMBLING AND REASSEMBLING

Use the universal movement holder for disassembling and reassembling.

- Lubricating

⑨ Date dial

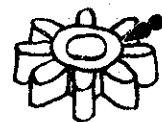


The sliding surfaces of the date dial and the main plate

⑩ Date jumber



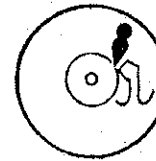
⑫ 12-hour hand corrector setting wheel



The axle of the 12-hour hand corrector setting wheel

## TECHNICAL GUIDE

⑭ Date driving wheel



The inner teeth of the date driving wheel

⑮ Calendar corrector setting wheel



The sliding surfaces of the calendar corrector setting wheel and the main plate

⑯ Intermediate wheel for calendar correction



The teeth of the intermediate wheel for calendar correction

### II. VALUE CHECKING

- Coil block resistance

3.0KΩ ~ 3.4KΩ

- Current consumption

For the whole of the movement: less than 1.2μA  
For the circuit block alone : less than 0.4μA