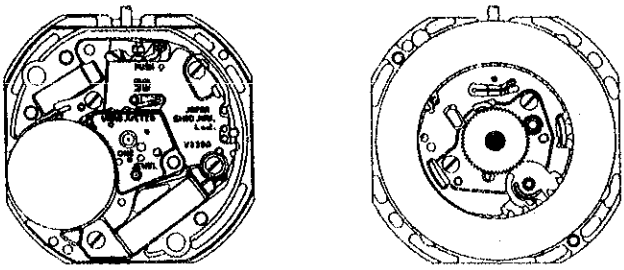


PARTS CATALOGUE/TECHNICAL GUIDE

Cal. V339A

[SPECIFICATIONS]

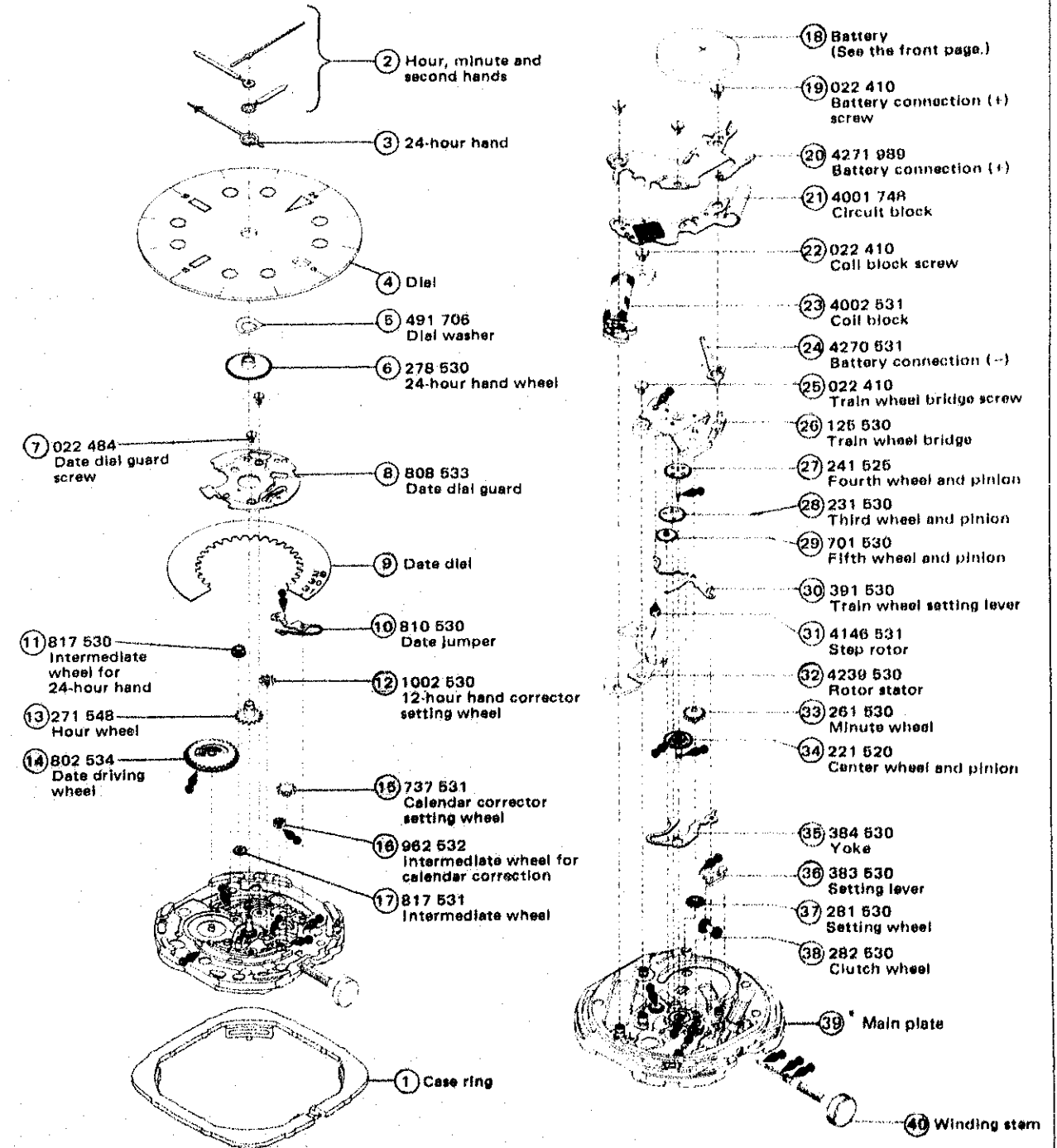
Cal. No.		V339A
Item		
Movement		
Movement size	Outside diameter	φ24.0 mm 21.5 mm between 3 o'clock and 9 o'clock 21.5 mm between 6 o'clock and 12 o'clock
	Casing diameter	φ23.3 mm 21.3 mm between 3 o'clock and 9 o'clock 21.5 mm between 6 o'clock and 12 o'clock
	Height	2.92 mm
Time indication		4 hands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

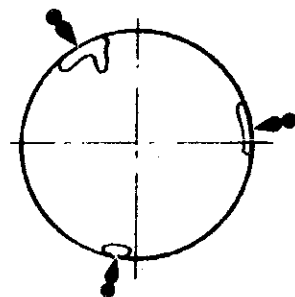
- The explanation here is only for the particular points of Cal. V339A.
- For repairing, checking and measuring procedures, refer to the "TECHNICAL GUIDE, GENERAL INSTRUCTIONS".
For an explanation of items not mentioned here, refer to the "TECHNICAL GUIDE for Cal. V3 series".

I. REMARKS ON DISASSEMBLING AND REASSEMBLING

Use the universal movement holder for disassembling and reassembling.

- Lubricating

⑨ Date dial

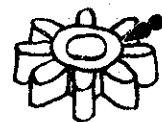


The sliding surfaces of the date dial and the main plate

⑩ Date jumber



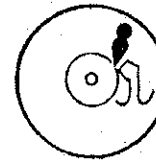
⑫ 12-hour hand corrector setting wheel



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