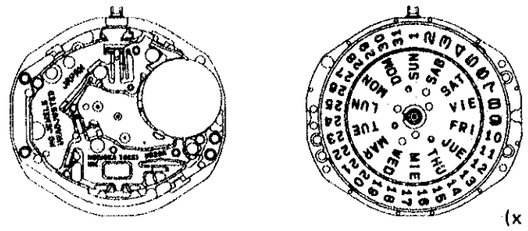
SERVICE GUIDE CAL. V828A

1. SPECIFICATIONS

Item \ Cal. No.		V828A
Movement		 (x 2.0)
Movement size	Outside diameter	18.5mm (6h – 12h), 16.8mm (3h – 9h)
	Casing diameter	17.8mm
	Height	4.2mm
Time indication		3 hands
Driving system		Step motor (Load compensated driving pulse type)
Additional mechanism		Day and date calendar Instant date setting device Electronic circuit reset switch
Loss/gain		Monthly rate: Less than 30 seconds at normal temperature range
Regulation system		Nil
Measuring gate by Quartz Tester		10-second gate
Battery		SEIKO SR626SW MAXELL SR626SW SONY SR626SW EVEREADY 377 Voltage 1.55V Battery life is approximately 2 years.
Jewels		0 jewel

2. REMARKS ON AFTER-SALES SERVICING

1) Train wheel bridge, circuit block, battery connection (−), date dial guard, etc. for Cal. V828A are fixed by heat-treatment, and no screws are used. Therefore, disassembling or assembling of the movement except day star with dial disk is impossible. If the movement is found out of order, replace it with a new one.

2) Among the movement parts, only the following are available for supply.

- Winding stem 354 128

  Type of winding stem varies, depending on the design of case and dial. Check the case number and refer to "Casing Parts Catalogue" to choose a corresponding winding stem.

- Day star with dial disk

Part code	Position crown & calendar	Language	Figure color	Background color
160 201	Crown : 3 o'clock Calendar : 3 o'clock	English–Spanish	Black	White

If any other type of day star with dial disk is required, refer to the list of "Day star with dial disk" or specify the number inscribed on the disk.

3. NOTES ON REPLACING THE MOVEMENT

1) Winding stem

- While pushing the indented portion of the battery connection (+) (indicated by the arrow in Fig. 1), pull out the winding stem.
- Do not lubricate the winding stem.
- In setting the crown to the winding stem, chuck the portion indicated by the arrow in Fig. 2.

2) How to install the hands

Since a plastic train wheel bridge is used, take out the battery and place the movement directly on a flat metal plate or the like to install the hands.
For details, refer to "SERVICE GUIDE CAL. V81 SERIES".

Fig. 1

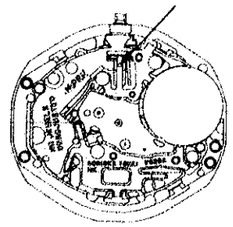


Fig. 2

4. VALUE CHECKING

- Current consumption

Use the SEIKO Digital Multi Tester S-840A (with Multi-Adaptor MA-40A).

Range to be used: μA	Result:
Red probe . . . . . .Battery connection (+) Black probe . . . . . .Battery connection (−)	For the whole movement: Less than 1.6μA

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