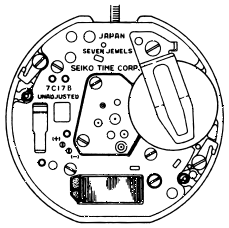
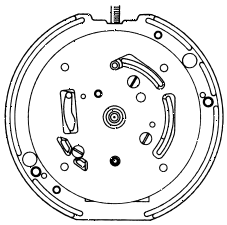
PARTS CATALOGUE/TECHNICAL GUIDE

Cal. 7C17B

[SPECIFICATIONS]

Cal.No.		7C17B
Movement		  (× 1.0)
Movement size (mm)	Outside diameter	φ28.6 mm × 27.0 mm between 3 o'clock and 9 o'clock sides
	Casing diameter	φ27.0 mm × 25.4 mm between 3 o'clock and 9 o'clock sides
	Height	5.2 mm
Time indication		2 hands
Driving system		Step motor (Load compensated driving pulse type)
Additional mechanism		Electronic circuit reset switch
Loss/gain		Monthly rate at normal temperature range : less than 15 seconds
Regulation system		Pattern cutting system
Measuring gate by quartz tester		Use 10-second gate.
Battery	Battery type	SEIKO SR43SW,Maxell SR43SW, U.C.C. 301, SONY EVEREADY 301
	Pressure	1.55V
	Battery life	approximately 5 years
Jewels		7 jewels

SEIKO WATCH CORPORATION

PARTS CATALOGUE

Cal. 7C17B

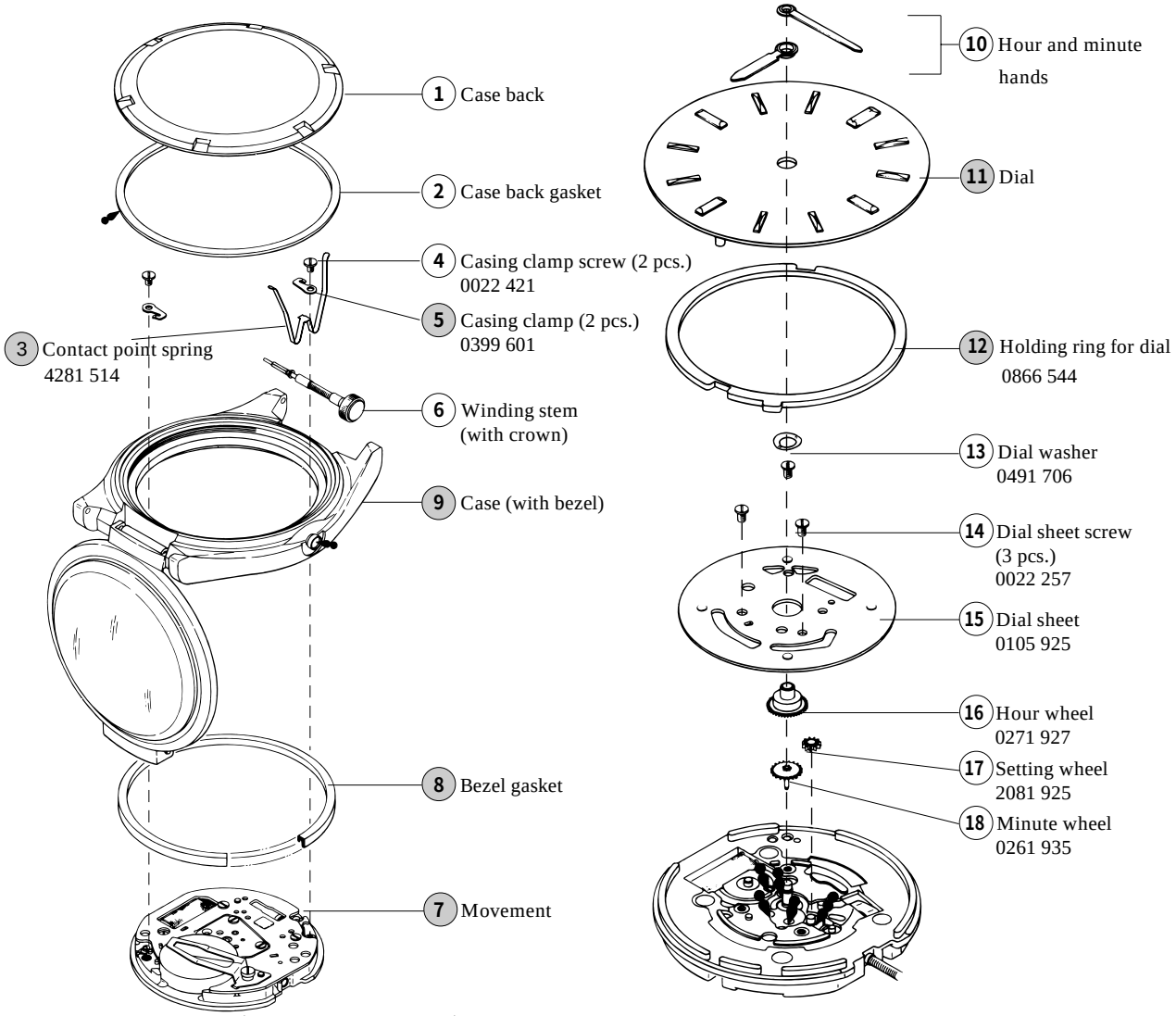
Disassembling procedures Figs. (1) → (44)

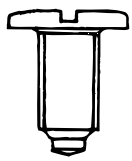
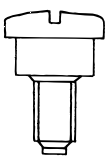
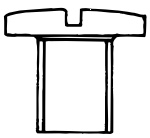
Reassembling procedures Figs. (44) → (1)

Lubricating: Types of Oil — Oil quantity

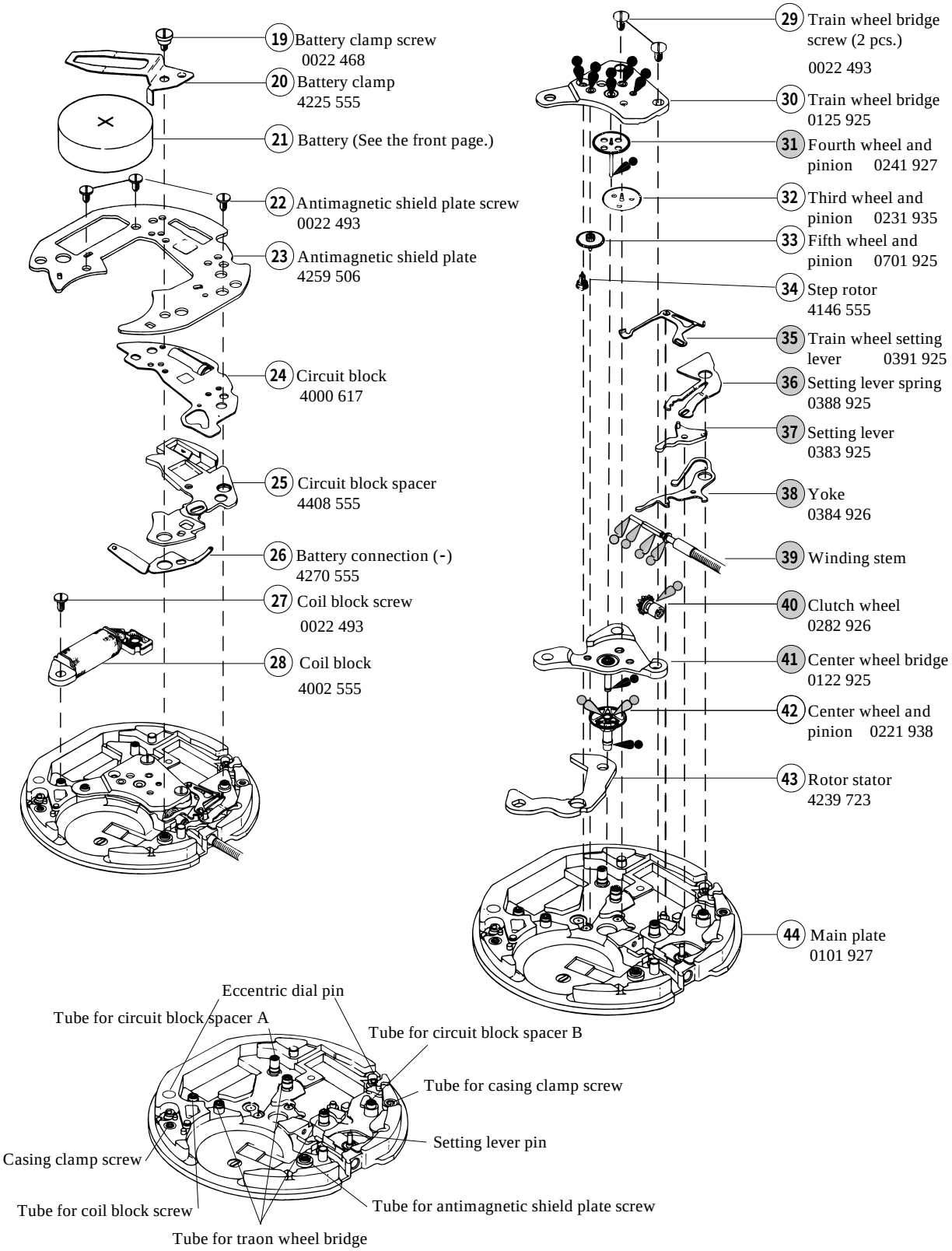
Moebius A — Normal Quantity

SEIKO Watch Oil S-6



			
0022 493 Coil block screw Antimagnetic shield plate screw Train wheel bridge screw	0022 648 Battery clamp screw	0022 421 Casing clamp screw	0022 257 Dial sheet screw

◯ → Please see the remarks on the following pages.



Remarks: (12) Holding ring for dial 0866 544 (39) Winding stem 0351 926

The types of these parts depend on the design of each model.

Refer to " SEIKO Casing Parts Catalogue" to choose corresponding parts.

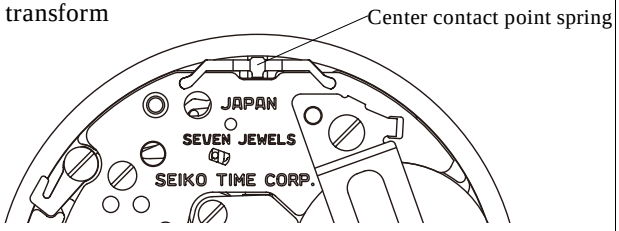
- The explanation here is only for the particular points of Cal. 7C17B.
- For the repairing, checking and measuring procedures, refer to the "TECHNICAL GUIDE, GENERAL INSTRUCTION".

I. REMARKS ON DISASSEMBLING AND REASSEMBLING

Use the universal movement holder for disassembling and reassembling.

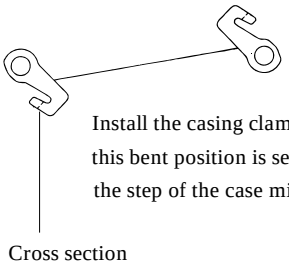
③ How to install the contact point spring

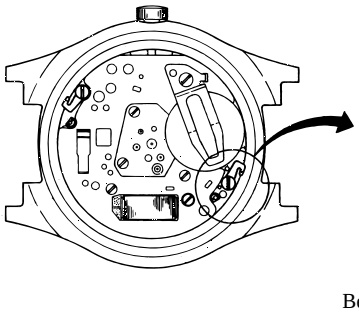
- Push the center of the contact spring, see the drawing, until it touches winding stem. Be careful not transform the control point spring.

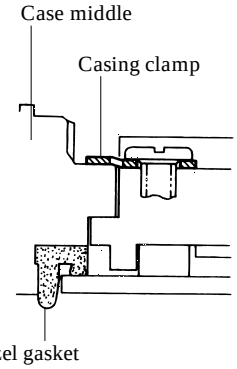


⑤ Casing clamp

- Setting position





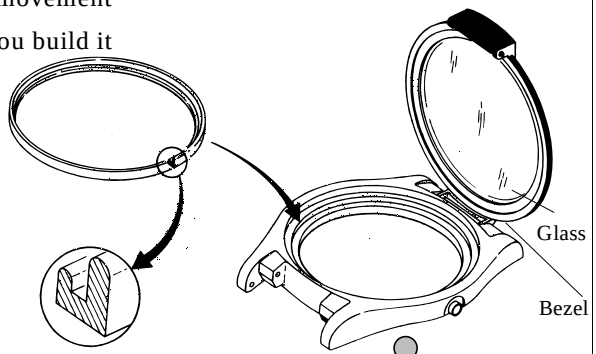


⑦ Movement

- When you remove the movement, push the movement out of the back lid side to the bezel. When you build it in, push it from the bezel side.

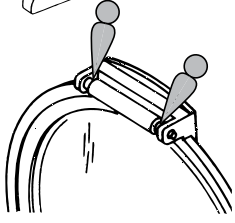
⑧ Bezel gasket

- Please refer to the illustration.
- Do not lubricate bezel gasket.

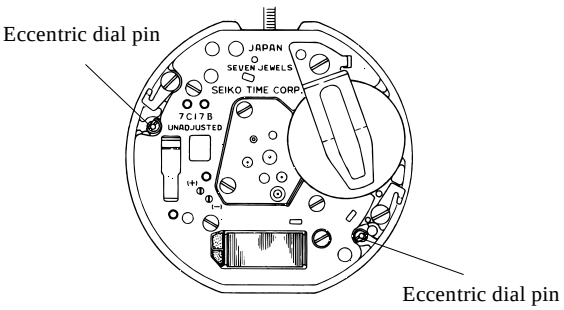


⑨ Case (with bezel)

- Lubricate the pointed portion, see the illustration.



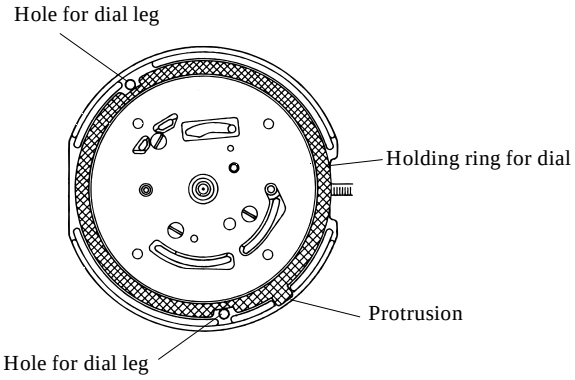
Movement



(11) Dial

The foot of the dial has been tightened with the eccentric dial pin. Turn the screw driver right and tighten to attach, and turn left and loosen to remove it.

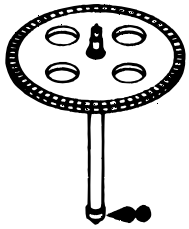
*eccentric dial pin is non-supply parts, therefore please do not lose it.



(12) Holding ring for dial

Be sure to set the protrusion of the holding ring for dial in place.

(31) Fourth wheel and pinion



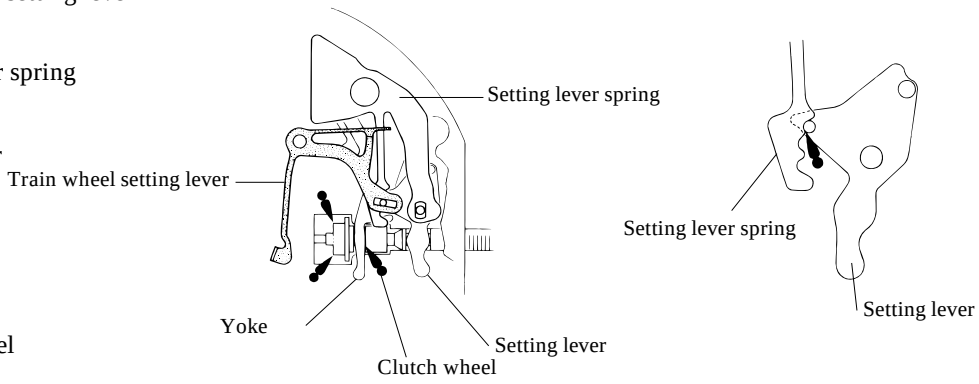
(35) Train wheel setting lever

(36) Setting lever spring

(37) Setting lever

(38) Yoke

(40) Clutch wheel

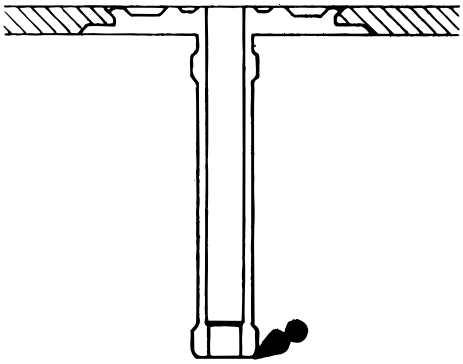


(39) Winding stem

To prevent any crack onto the main plate, gently set the winding stem while turning it.

(41) Center wheel bridge

Lubricating



II. VALUE CHECKING

● Coil block resistance

2.0 ～ 2.5 kΩ

● Current consumption

For the whole of the movement：less than 1.30 μA

For the circuit block alone： less than 0.20 μA

Remarks:

When the current consumption exceeds the standard value for the whole of the movement but is less than the standard value for the circuit block alone, overhaul and clean the movement parts and then measure current consumption for the whole of the movement again. The driving pulse generated to compensate a heavy load that may apply on the gear train, etc. is considered to cause excessive current consumption for the whole of the movement.