1) Specifications
Casing diameter: 18.00mm
Height: 5.35mm
Vibrations per hour: 28,800
Automatic winding (with hand winding mechanism)
Calendar mechanism: Day & date, bilingual changeover system for the day of the week, instant day and date setting device

2) Features
• Thin automatic day and date lady’s watch
  Having the technically excelled mechanism as with Cal. 2706 which has obtained a worldwide reputation for its high precision mechanism and variety of functions as a lady’s watch, this watch offers a greater variety in design by making its movement slimmer than Cal. 2706.
• Movement of highly stabilized time accuracy
  This movement is specially designed on the basis of the highly reliable movement mechanism of Cal. 61 series which have been marketed with a reputation on the overseas market.
• Easy-to-use day/date setting device
  The day/date setting can be simply operated by turning the crown clockwise or counterclockwise after pulling out the crown in the 1st click position. At the same time, either of the two languages provided can be easily set to indicate the day of the week by the bilingual change-over system.
• Simplified movement structure
  A sophisticated design of the watch movement has made it possible to reduce the number of parts and made it possible to adopt the new balance spring holding device. Thus, the simplified movement structure facilitates easy after-servicing.

3) Disassembling and reassembling
Disassembling procedures Figs.: (1)~(55)
Reassembling procedures Figs.: (55)~(1)

4) Lubricating
The following marks indicate the types of oil, quantities to be applied and lubricating portions.

Type of oil
- Moebius A
- Moebius V
- SEIKO Watch Oil S-6
- SEIKO Watch Oil S-3

Oil quantity
- Liberal quantity
- Normal quantity
- Extremely small quantity

Note: Never lubricate the portions marked X.
2906A Calendar mechanism

1. Second, minute and hour hands
2. Dial screw (2 pcs.)
3. Dial
4. Holding ring for dial
5. Snap for day star with dial disk
6. Day star with dial disk
7. Date dial guard screw (3 pcs.)
8. Date dial guard
9. Date dial

NOTE: How to set
Push the end of date jumper with the tip of a screwdriver or the like.

Do not lubricate the intermediate wheel for day correction.

The date jumper cannot be removed as it is driven into the main plate.
This device newly developed by SEIKO is very easy to fix the balance spring terminal. What is more, it always keeps the balance spring horizontally and facilitates repair-servicing.

**Remarks for disassembling**
Push the end of the stud pin to remove. It is recommended to put the balance cock with balance in a polyethylene bag when disassembling, because the pin is liable to spring out.

**Remarks for reassembling**
1. Place the outer end of the balance spring to the side of the stud holder as illustrated below, and secure the stud pin to push in firmly.

2. After setting the balance complete, adjust it so that the balance spring always touches not strongly the inner side of the regulator even when the balance is swinging with the mainspring fully wound.
Remarks for removing the pallet cock
Before removing the pallet cock, while turning the crown clockwise slightly, turn with tweezers the click lever in the arrow-marked direction of the barrel & train-wheel bridge to disengage it from the ratchet wheel. Then, release the mainspring by turning slowly with your fingers, as shown in the illustration.

Note for disassembling
Remove the pawl lever holder by prying open with tweezers.

Note for reassembling
Set in the pawl lever holder by pushing with tweezers.

Lubricating of eccentric post
Be careful not to lubricate the head of eccentric post.

Remarks for reassembling
While holding the framework for automatic device, open the pawl gently with tweezers to gear it with the transmission wheel. Be careful not to open the pawl excessively, or it will be broken or bent.
43 Setting lever spring

44 Yoke spring

Remarks for reassembling
Pull out the winding stem to the second click, and push the yoke spring with tweezers.

45 Minute wheel bridge screw

46 Minute wheel bridge

Remarks for reassembling
Hold the setting wheel lever with the minute wheel bridge, and reassembling of the yoke spring and the yoke will be easy.

47 Minute wheel

48 Setting wheel lever complete

Remarks for disassembling
Don't clean the setting wheel lever complete in the solution, but wipe it with a cloth moistened with the solution.

Remarks for reassembling
Be sure to lubricate with SEIKO Watch Oil S-6 according to the following lubricating marks.

49 Day-date corrector wheel rocking lever

50 Yoke

51 Setting lever

52 Setting lever axle

54 Clutch wheel

Lubricating mark

Winding pinion

Winding stem
Function of click mechanism

The mainspring is wound through the processes as shown in the diagram. However, the mainspring will run down contrariwise when it is stopped to wind. In order not to run down the wound mainspring, the pawl lever prevents the transmission wheel from turning contrariwise.

In case the automatic winding device is removed, the click wheel stops the ratchet wheel to prevent the ratchet wheel from turning contrariwise.

When the mainspring is unwound, remove the automatic winding device and push the concave of the click lever toward the arrow marked direction and disengage the click wheel from the ratchet wheel toward the arrow-marked direction as shown in the illustration.

Remarks for disassembling and reassembling

(1) Be careful not to bend the friction spring for sweep second pinion, or the second hand does not move smoothly and makes insufficient amplitude of the balance complete.

(2) Set the friction spring for sweep second pinion with its projection turned up.
2906A Calendar mechanism

Crown at the normal position (for winding the mainspring)

The winding pinion and clutch wheel gear with each other. By turning the crown, the mainspring can be wound up.

Crown at the first click position (for day/date setting)

The clutch wheel and the setting wheel gear with each other. Thus, rotation of the driving wheel for setting wheel is transmitted to the corrector wheel. At this position, when the crown is turned clockwise, the corrector wheel will move toward the date dial to correct the date. On the other hand, when the crown is turned counterclockwise the corrector wheel will move in the opposite direction to correct the day.

Crown at the second click position (for time setting)

When the setting wheel lever is pushed by the yoke spring, and the driving wheel for setting wheel gears with the minute wheel, the hands can be turned by turning the crown.