

6T15 6T51

MIYOTA

**Size**  
<ligne>

8 3/4'''

**Height**  
<mm>

5.98

**Accuracy**  
<per Day>

-20~+40 sec

**Posture Difference**

(under) 50 sec

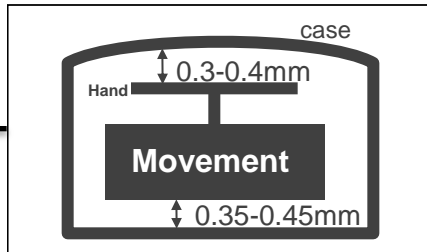
**Running time**

(more than) 40 hours

**Vibration Frequency**  
<per Hour>

(vibration) 28800

**Clearance**



**Jewels**

21 pcs

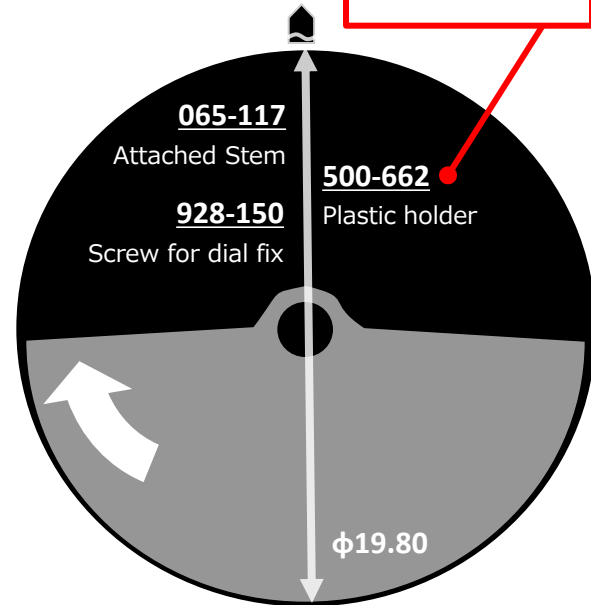
**Lift Angle**

50 degree

**Original Package**

300 pcs

Exchangeable with  
- Thinner holder  
- casing clamps  
- screws



Gilt Version Available

SUN

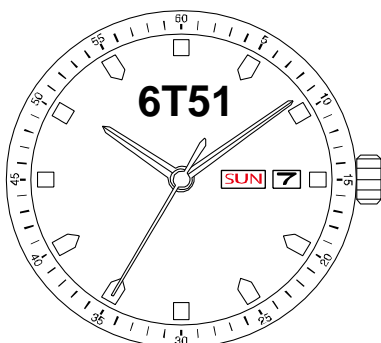
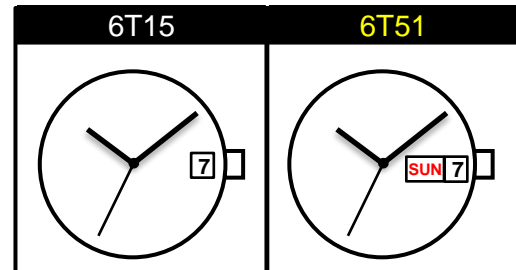
Day

7

Date

6T15

6T51



Setting the Date

Setting the Time and Day

DO NOT set Date between 8:30pm - 2:00am

#### Basic specification

Ligne	8-3/4"
Overall diameter	Φ19.8mm
Case fitting diameter	Φ19.4mm
Total height	5.98mm
Vibration frequency	28800 vibrations per hour
Jewels	21 Jewels

#### Function

Automatic & manual winding  
 Display by means of hands: hour, minute, second.  
 Day/Date calendar  
 Shock-absorber for balance staff

#### Technical characteristics

##### Hands fitting force

Second hand	Max. 30N
Minute hand	Max. 50N
Hour hand	Max. 50N

**Lift angle** 50°

**Casing** Non-corresponding to "Divers' watches" defined by ISO6425  
 Winding stem removal has to be done with the crown in "B" position.

#### Time performance

Accuracy	-20~+40 seconds/day
Posture difference	Under 50 seconds/ day
Running time	More than 40 hours

※Accuracy of the mechanical watch is different from the daily rate of the quartz watch and the accuracy will change maximum of several ten seconds during rewinding the spring, then the accuracy of the half winding condition will be different from that of full winding condition.

#### <Time performance measurement condition>

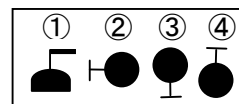
##### Accuracy

Measure within lapse of 10 ~ 60 minutes from full winding with ① posture.

##### Posture difference

Measure accuracy in 4 different postures shown on the right picture within lapse of 10 ~ 60 minutes from full winding.

※Direction of 4 postures ①Date Dial side Up ②6 o'clock side up ③9 o'clock side up ④3 o'clock side up



##### Running time

Measure the running time from full winding.

※The mainspring becomes fully winded by rotating the ratchet wheel 6.5 times (turning the crown 25 times).

## Automatic winding structure

**Winding direction :** Clockwise (seeing from case back side)



## Operating method

### (1) Winding the Mainspring

Automatic winding watch can be also manual-winded by turning the crown in "A" position.  
Wind 15 ~ 20 times clockwise until second hand starts to move naturally.

### (2) Setting the Day

1. Pull the crown to "B" position.
2. Turn the crown clockwise to set the day.
3. After the date has been set, push the crown back to the normal position.

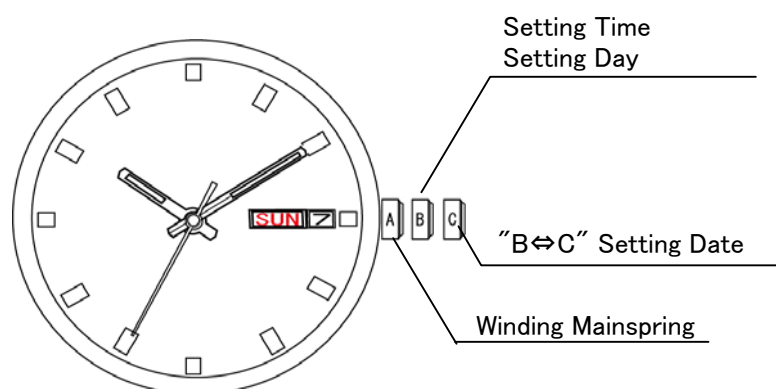
### (3) Setting the Time

1. Pull the crown to "B" position.
2. Turn the crown to set the hour and minute hands.

### (4) Setting the Date

Pull the crown in "B⇌C" position until the date appear.

\* If the date is adjusted between the hours of around 8:30 PM and 2:00 AM the date may not change on the following day.

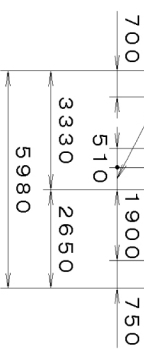
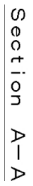


## Separated parts

Winding stem	065-117 x 1
Screw for dial fixing	928-150 x 2
Movement holder	500-662 x 1

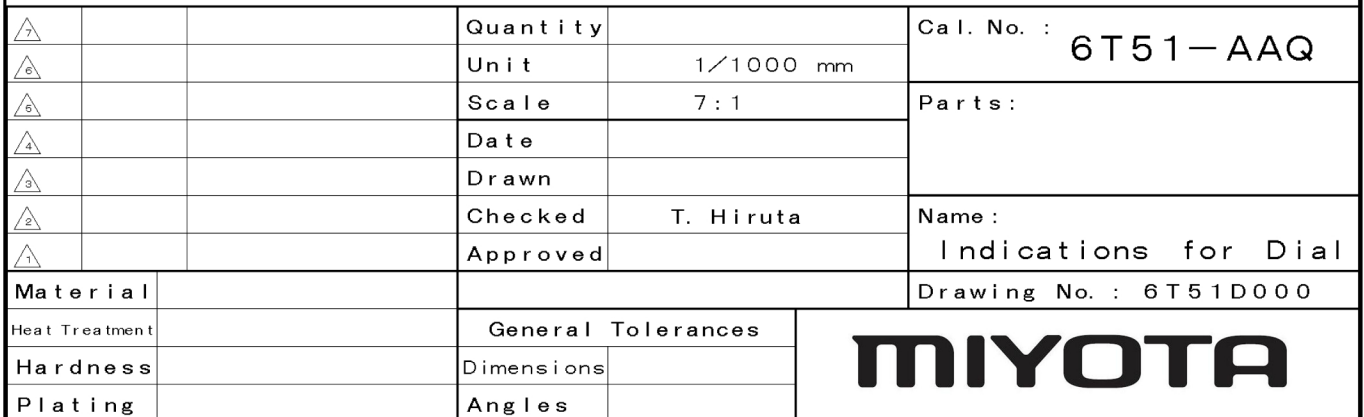
These specifications might be changed without prior notice.

**CITIZEN WATCH CO., LTD.**

Angles



\*\*\* TIPW 6T51-AAQ (01) \*\*\* (2100 1121) 00-09-18

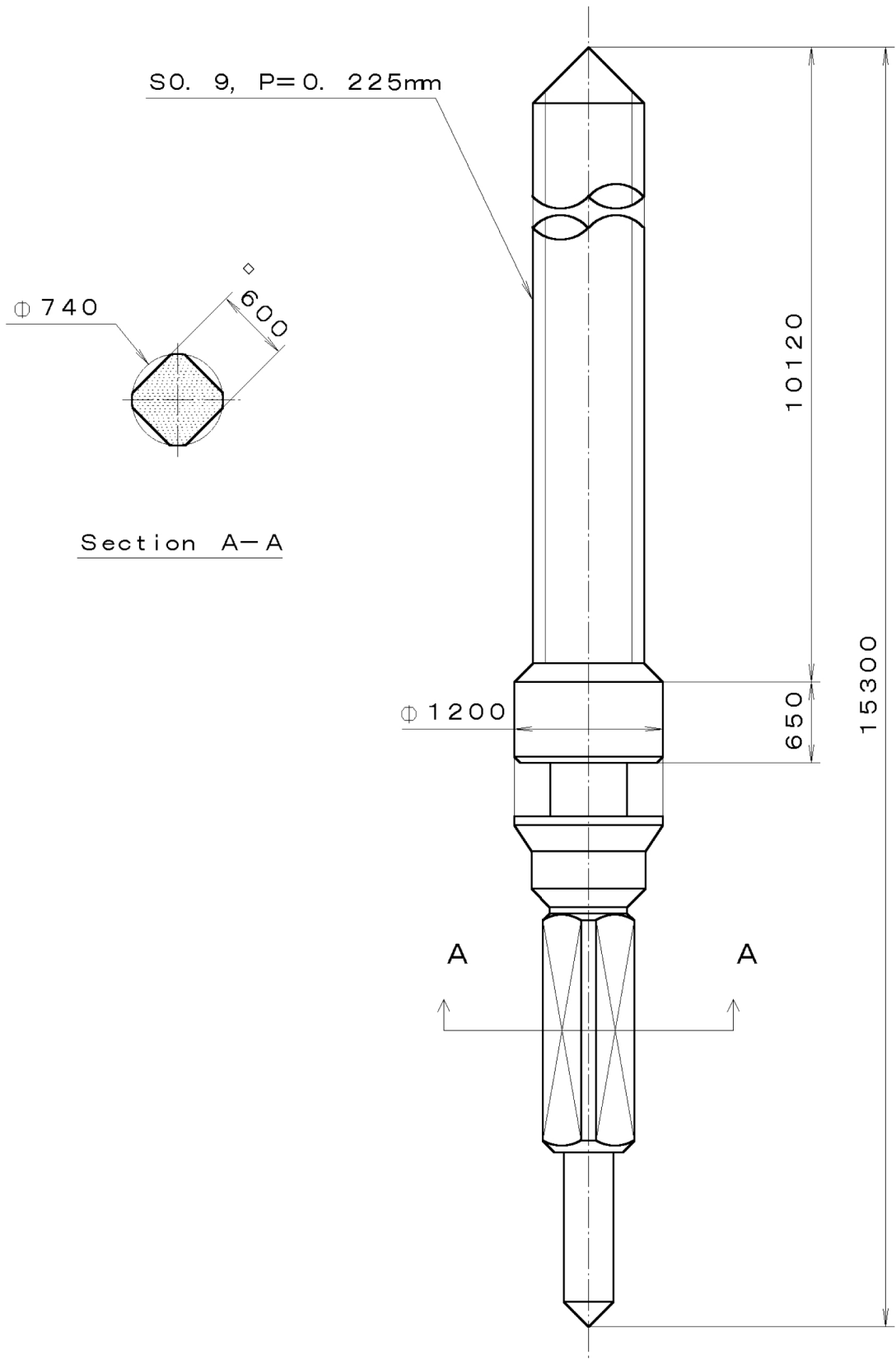




**miyota**  
EN WATCH CO., LTD. TOKYO, JAPAN

This drawing is provisional and subject to our reconfirmation and/or revision without notice.

\*\*\* TIPW 065-117 (01) \*\*\* (2100 1121) 00-09-18



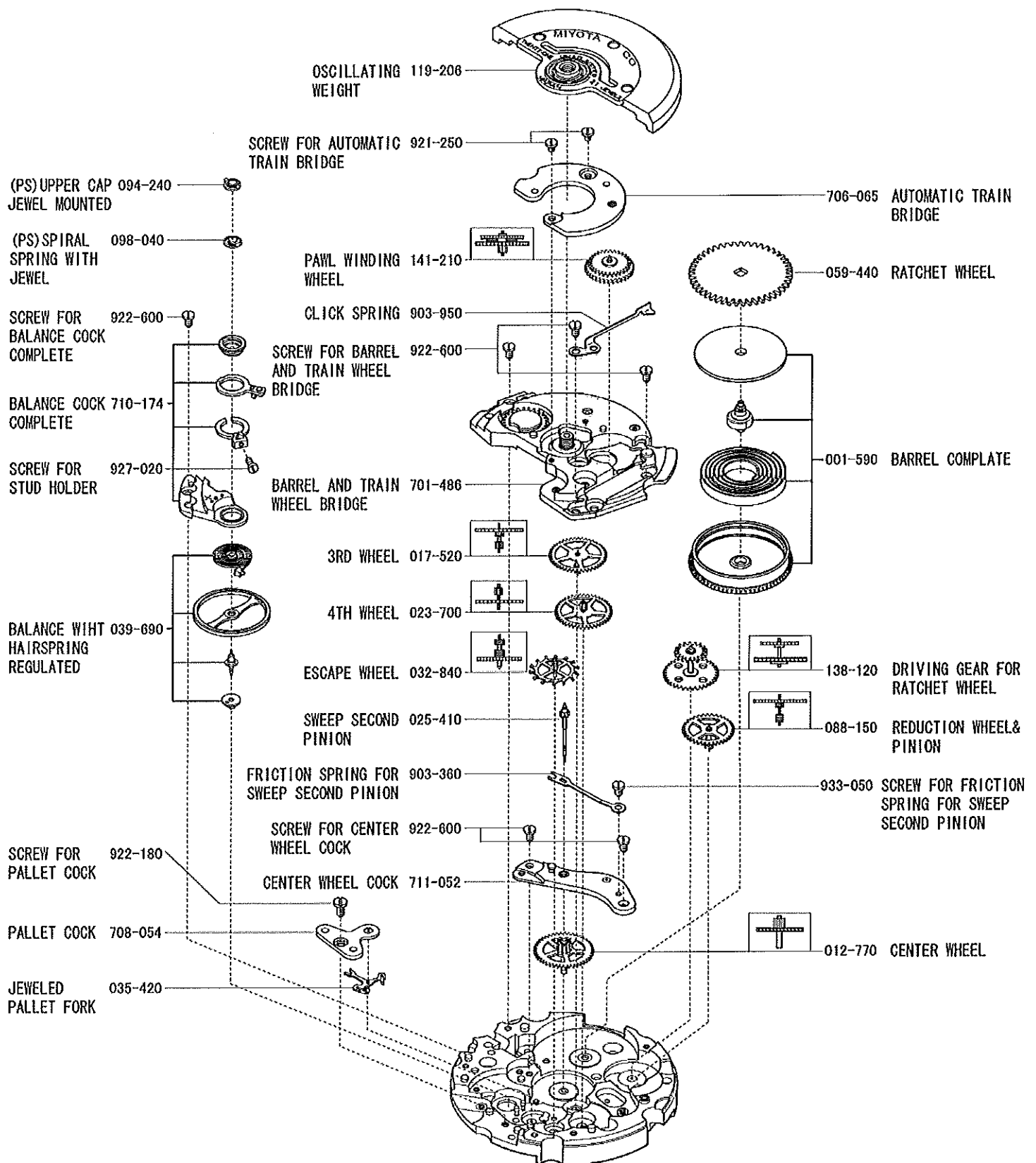
7			Quantity		Cal. No. :
6			Unit	1/1000 mm	
5			Scale	20:1	Parts:
4			Date		065-117
3			Drawn		
2			Checked	T. Hiruta	Name:
1			Approved		SETTING STEM
Material					Drawing No. : 1170S000
Heat Treatment			General Tolerances		MIYOTA
Hardness			Dimensions		
Plating			Angles		

\*\*\*\*\* **CAL. 6T51 MOV'T PARTS LIST** \*\*\*\*\*

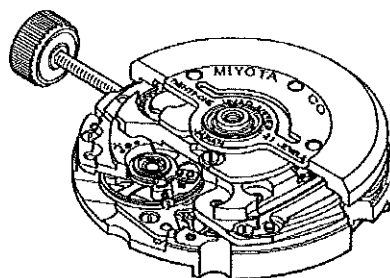
ORIGINAL PARTS, MADE IN JAPAN

PART NAME	6T51	6T51 GILT
*****MOVEMENT HOLDER(THINNER TYPE)****	502-1444	502-1444
AUTOMATIC TRAIN BRIDGE	706-065	706-068
BALANCE COCK COMPLETE	710-174	710-184
BALANCE WITH HAIRSPRING REGULATED	039-6905	039-6905
BARREL BRIDGE	701-486	701-828
BARREL COMPLETE	001-590	001-590
CALENDAR CORRECTOR LEVER	116-130	116-130
CAP JEWEL MOUNTED	094-240	094-240
CENTER WHEEL	012-770	012-770
CANNON PINION	014-730	014-730
CENTER WHEEL COCK	711-052	711-052
CLICK SPRING	903-950	903-950
CLUTCH WHEEL	064-210	064-210
DATE CORRECTOR GUARD	117-130	117-130
DATE CORRECTOR LEVER	271-090	271-090
DATE DIAL	108-9400	108-9400
DATE DIAL DRIVING WHEEL	103-830	103-830
DATE DIAL GUARD	713-083	713-083
DATE JUMPER	109-420	109-420
DAY DIAL GIB	178-090	178-090
DAY OF THE WEEK DIAL	308-53XX	308-53XX
DRIVING GEAR FOR RATCHET WHEEL	138-120	138-120
ESCAPE WHEEL AND PINION	032-840	032-840
FOURTH WHEEL AND PINION	023-700	023-700
FRICTION SPRING FOR SWEEP SEC PINION	903-360	903-360
HOUR WHEEL	075-760	075-760
INTERMEDIATE DATE WHEEL	100-200	100-200
JEWEL PALLET FORK AND STAFF	035-420	035-420
MINUTE WHEEL AND PINION	072-340	072-340
MINUTE WHEEL GUARD	079-250	079-250
MOVEMENT HOLDER	500-6621	500-6621
OSCILLATING WEIGHT	119-206	119-222
PALLET COCK	708-054	708-078
PAWL WINDING WHEEL	141-210	141-210
RATCHET WHEEL	059-440	059-440
REDUCTION WHEEL	088-150	088-150
SCREW	921-250	921-250
SCREW	922-180	922-180
SCREW	922-600	922-600
SCREW	922-620	922-620
SCREW	927-020	927-020
SCREW	928-150	928-150
SCREW	929-080	929-080
SCREW	933-050	933-050
SETTING LEVER	067-142	067-142
SETTING LEVER SPRING	077-390	077-390
SETTING WHEEL	076-270	076-270
SPIRAL SPRING WITH JEWEL	098-040	098-040
SWEEP SECOND PINION	025-410	025-410
THIRD WHEEL AND PINION	017-520	017-520
WINDING PINION	063-200	063-200
WINDING STEM	065-117	065-117
YOKE	071-220	071-220
YOKE SPRING	902-260	902-260
LONGER STTING STEM	065-489	065-489

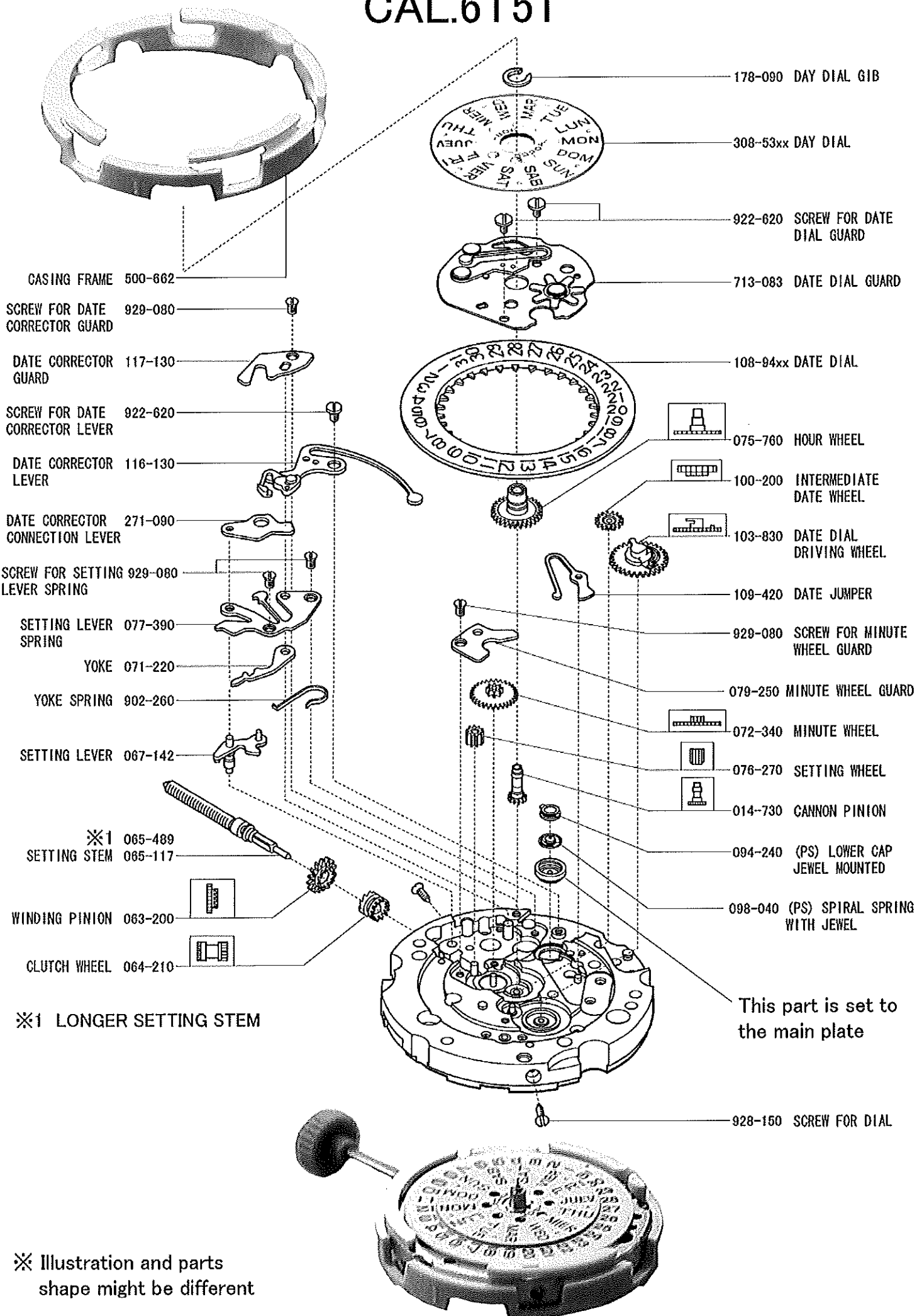
# CAL.6T51



※ Illustration and parts shape might be different



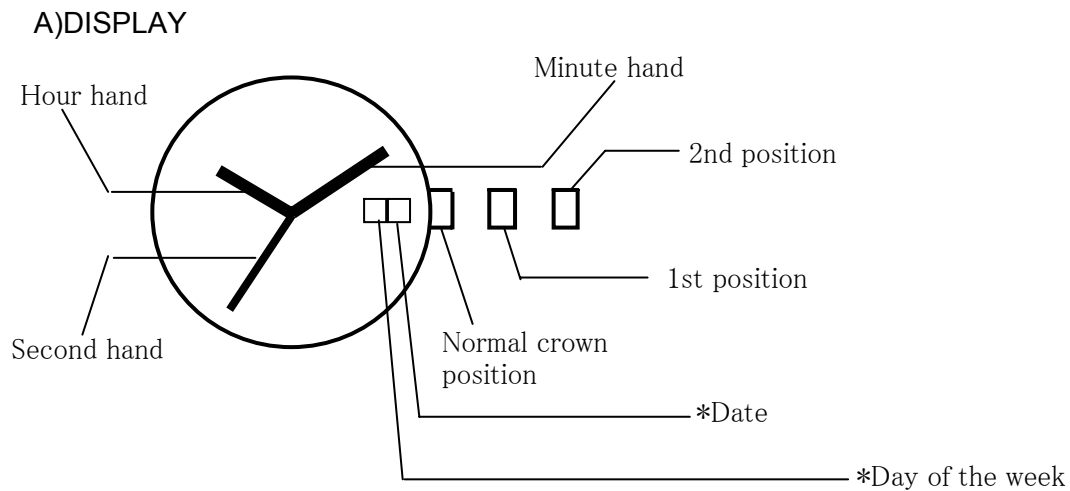
# CAL.6T51



## INSTRUCTION MANUAL FOR MIYOTA WATCH MOVEMENT

### AUTOMATIC MECHANICAL MOVEMENT

#### INSTRUCTION MANUAL



\*Date & Day of the week position may be located at different position depends on models.

#### B) Winding the mainspring

Automatic winding watch can also be hand wound by turning the crown in "A" position. Wind 15-20 times and it will start to move naturally after shaking slightly.

#### C) SETTING THE TIME

1. Pull the crown out to the 1st position.
2. Turn the crown to set hour and minute hands.
3. Push the crown back to the normal position.

#### D) SETTING THE DATE

1. Pull the crown out to the 1st position.
2. Pull the crown from the 1st position to the 2nd position, then date advances one day.
3. After the date has been set, push the crown back to the normal position.

#### E) SETTING THE DAY OF THE WEEK

1. Pull the crown out to the 1st position.
2. Turn the crown to set the day of the week.
  - \* If the day of the week is set between the hours of around 9:00 PM and 4:00 AM, the day of the week may not change the following day.
3. After the day of the week has been set, push the crown back to the normal position.