
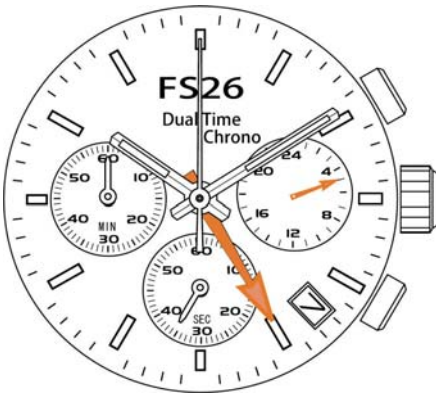


## Cal. FS16/17 FS26/27 DUAL TIME CHRONOGRAPH

### 1. Basic Specification

CAL.	FS16	FS17	FS26	FS27
Push Buttons	SLANTED	PARALLEL	SLANTED	PARALLEL
Total height	5.10mm	5.25mm	5.10mm	5.25mm
Ligne	10 1/2'''			
Overall diameter	Φ 23.7mm × 21.8mm	Φ 23.7mm × 22.0mm	Φ 23.7mm × 21.8mm	Φ 23.7mm × 22.0mm
Case fitting diameter	Φ 23.3mm × 21.8mm	Φ 23.3mm × 22.0mm	Φ 23.3mm × 21.8mm	Φ 23.3mm × 22.0mm
				
Date	○			
Function	Dual Time , Chronograph 1/1sec. Basis (Up to 59min. 59sec.)			
Bateary & Life	SR626SW 2YEARS *			

\*based on 1 hour/day chronograph use

#### <TIME STANDARD>

Type of quartz: Tuning fork type quartz crystal

Frequency : 32,768Hz

Accuracy :  $\pm 20$  second / month worn under normal circumstances

#### < Balanceable weight of hand >

Minute hand Max. 0.4  $\mu\text{N}\cdot\text{m}$

Second hand Max. 0.035  $\mu\text{N}\cdot\text{m}$

Other small hands Max. 0.02  $\mu\text{N}\cdot\text{m}$

#### < Function >

**Chronograph 1/1 sec. Basis (Up to 59 min. 59 sec.)**

**Dual Time Function**

Powercell Saving Reset Mechanism(PSRM)

Over-loading Compensation Device(OLCD)

Digital Frequency Control(DFC) for time adjustment

## 2. Separated Parts

Setting stem	065- 549 × 1
Length from movement center to far end of setting stem	20.00mm
Thread	Φ 0.9mm × 9.06mm

## 3. Others

### \* Measurement of time rate

The unit(gate) time of measurement must be set at "10 sec." or integer fold value of 10 sec. owing to the DFC system, and the measurement must be performed in the form of complete watch.

### \* Marking on movement

JAPAN  
MIYOTA CO.  
( CAL. NO.)  
NO JEWELS

### \* Typical clearance

Mov't - Case: minimum 200 microns

Top of hands - 300 - 400 microns \*

\* subject to the glass, case structure, and the length of hand

### \* Note

**Please use aluminum material hand for Chrono second hand**

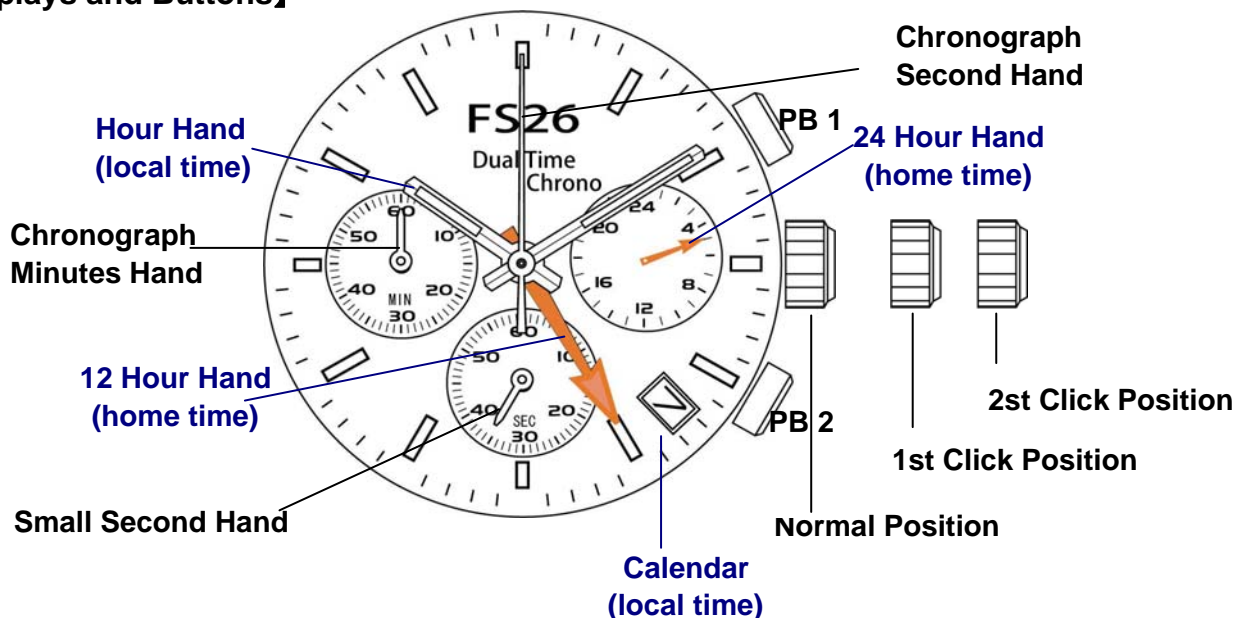
### \* TACHYMETER

The tachymeter is the device which measures the speed of an automobile. Knowing is how many seconds the car covers a distance of 1km, the meter can measure the approximate average speed per hour during a journey ( up to the maximum measurable range of tachymeter is 60 seconds.)

If the chronograph is started at the same time as measurement, and stopped after 1 km, the average speed per hour can be determined according to the position of the second hand. If the car covers the distance of 1km in 45 seconds, the average hourly speed during the journey will be about 80 km.

## 4. Instruction Manual

### 【Displays and Buttons】



## A) SETTING THE TIME

1. Pull the crown out to the 2nd Click Position.
2. Turn the crown to set the hour and minute hands. \*  
\* home time hand, local time hand , 24hour hand are linked.

## B) SETTING THE DATE

\* If the date is set between the hours of around 9:00 PM and 1:00 AM, the date may not change on the following day.

1. Pull the crown out to the 1st Click Position.
2. Turn the crown clockwise to set the date.
3. After the date has been set, push the crown back to the normal position.  
\* Calendar is linked to Hour Hand ( local time).

## C) USING THE TIME DIFFERENT CORRECTION

When moving to a country or area which is in a different timezone, the current time in the "local time" can be corrected.

As the date calendar is linked with time, the date in the " local time" is also corrected.

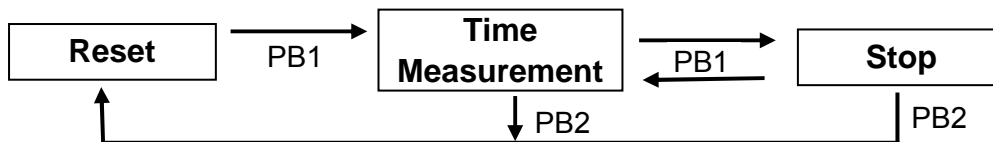
1. Pull the crown out to the 1st click position when the second hands has reached the zero position. Turn the crown anticlockwise to set the "second time zone". \*  
\* Date may gain in some countries or regions. In this case, please set the date also when you set the time.
2. After the date has been set, push the crown back to the normal position.

## D) USING THE CHRONOGRAPH

This chronograph is able to measure and display time in 1/1 second unit up to maximum of 1 hour.

### 【Measuring time with the chronograph】

1. The chronograph can be started and stopped each time button "PB1" is pressed.
2. To reset, press button "PB2" and the chronograph second & minute hands return to the zero positions.



## E) CHRONOGRAPH RESET (INCL. AFTER REPLACING BATTERY)

This procedure should be performed when the chronograph second hand do not return to the zero second position after the chronograph has been reset, and including after the battery has been replaced.

1. Pull the crown to the 2nd Click Position.
2. Press the button "PB1" once to set the chronograph second hand ahead one scale, or keep pushing to set the chronograph second hands quickly.
3. Once the chronograph second hand has been zeroed, reset the time and return the crown to its normal position.

\* Do not return crown to normal position while chronograph second hand return to 12:00 ( ZERO ) position. Hand stops on the way when crown are returned to normal position and these positions are recognized as 12:00 (ZERO) position.

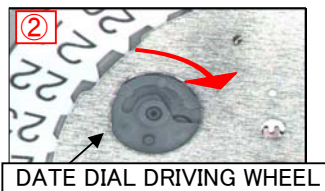
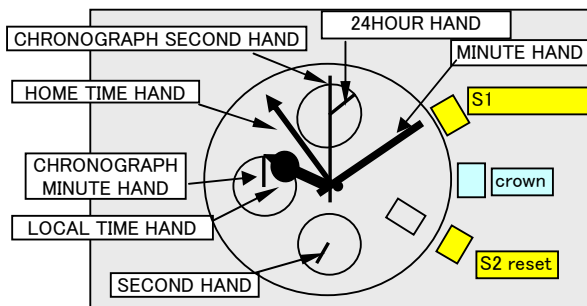
*These specifications might be changed without prior notice.*

**CITIZEN WATCH CO., LTD.**

## FS16/26/17/27 Hands Fitting Manual

### ★PREPARATION BEFORE HANDS SETTING

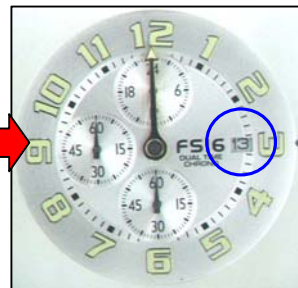
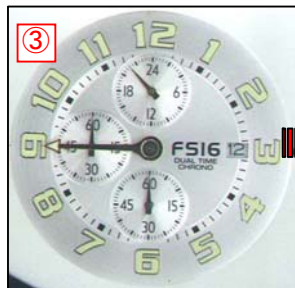
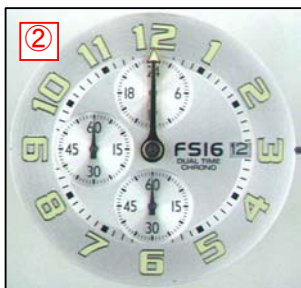
- ① Confirm the crown to be normal position and push the S1. → Push the S2. Then pull the crown to 1st click position.
- ② Turn the crown anticlockwise and check the date dial driving wheel turns clockwise as below picture 2.
- ③ Turn the crown clockwise and stop turning when the calendar corrector wheel does not touch the calendar corrector lever as below picture 3.



- ④ Set the dial on the movement, and pull the crown to 2nd click position. Turn the crown clockwise and stop turning when the calendar changed.

### ★THE METHOD OF HANDS FITTING

- ① Set the chronograph minute hand at 60 (zero) position. And set the 24 hour hand at 24 (zero) position.
- ② Set the small second hand at 60 (zero) position and the home time hand at 12H (zero) position.
- ③ Turn the crown clockwise to move back around 9H position. Turn the crown anticlockwise to make sure the 24 hour hand and home time hand work properly and check the date changes.



- ④ Turn the crown clockwise to move back to 11H position. Then turn the crown anticlockwise and set home time hand to 12H (zero) position.
- ⑤ Set the local time hand to 12H (zero) position.

- ⑥ Set the minute hand and chronograph second hand at 12H (zero) position..



### ★THE WAY TO CHECK THE FUNCTION

#### ①CHECK THE HANDS WORK

The home time hand, local time hand, minute hand, second hand and 24hour hand will stop when the crown is pulled to the 2nd click position.

And push back the crown to the normal position to check these hands start moving.

**②SET THE CHRONOGRAPH SECOND HAND AT THE ZERO POSITION**

Pull the crown to the 2nd click position, and push the S1 until the chronograph second hand has reached to 12H (zero) position.  
(Keep pushing S1 to fast-forward the chronograph second hand to 12H position.)

**③CHECK THE DATE DIAL CHANGING**

Pull the crown to 2nd click position and turn it anticlockwise to check the date dial changes at local time 0:00±40minute.

**④-1. SET THE TIME -HOME TIME-**

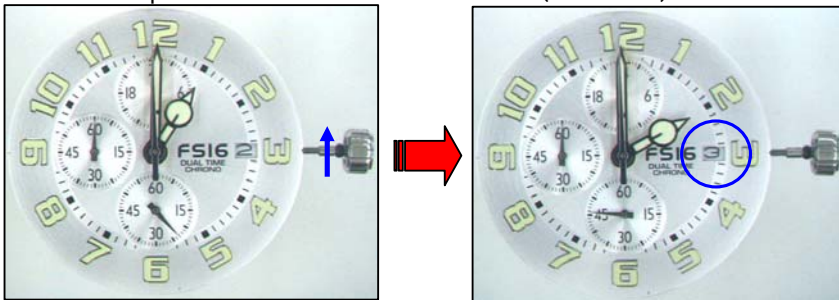
Pull the crown to the 2nd click position and turn to set the home time hand at the home time.  
(\*The home time hand is synchronized with the local time hand.)

**④-2. SET THE TIME -LOCAL TIME-**

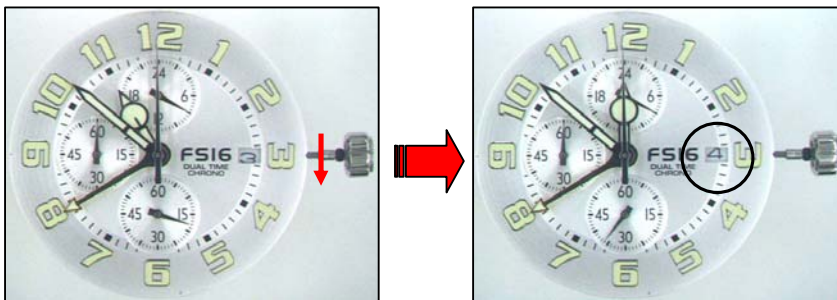
Pull the crown to the 1st click position and turn it anticlockwise to set the local time hand at the local time.

**⑤CHECK THE QUICK DATE ADJUSTMENT**

Push the crown to the 1st click position and turn it clockwise to set the date quickly.  
\*Do not do this process from 11:00PM to 4:00AM (local time).



\*The date is synchronized with the local time hand.



**⑥CHECK THE CHRONOGRAPH FUNCTION**

Push the crown to normal position.

- 1.Push the S1 once to check the chronograph second hand starts moving.
- 2.Push the S1 again to check the chronograph second hand stops.
- 3.Push the S2 once to check the chronograph second hand turns back to zero position.