

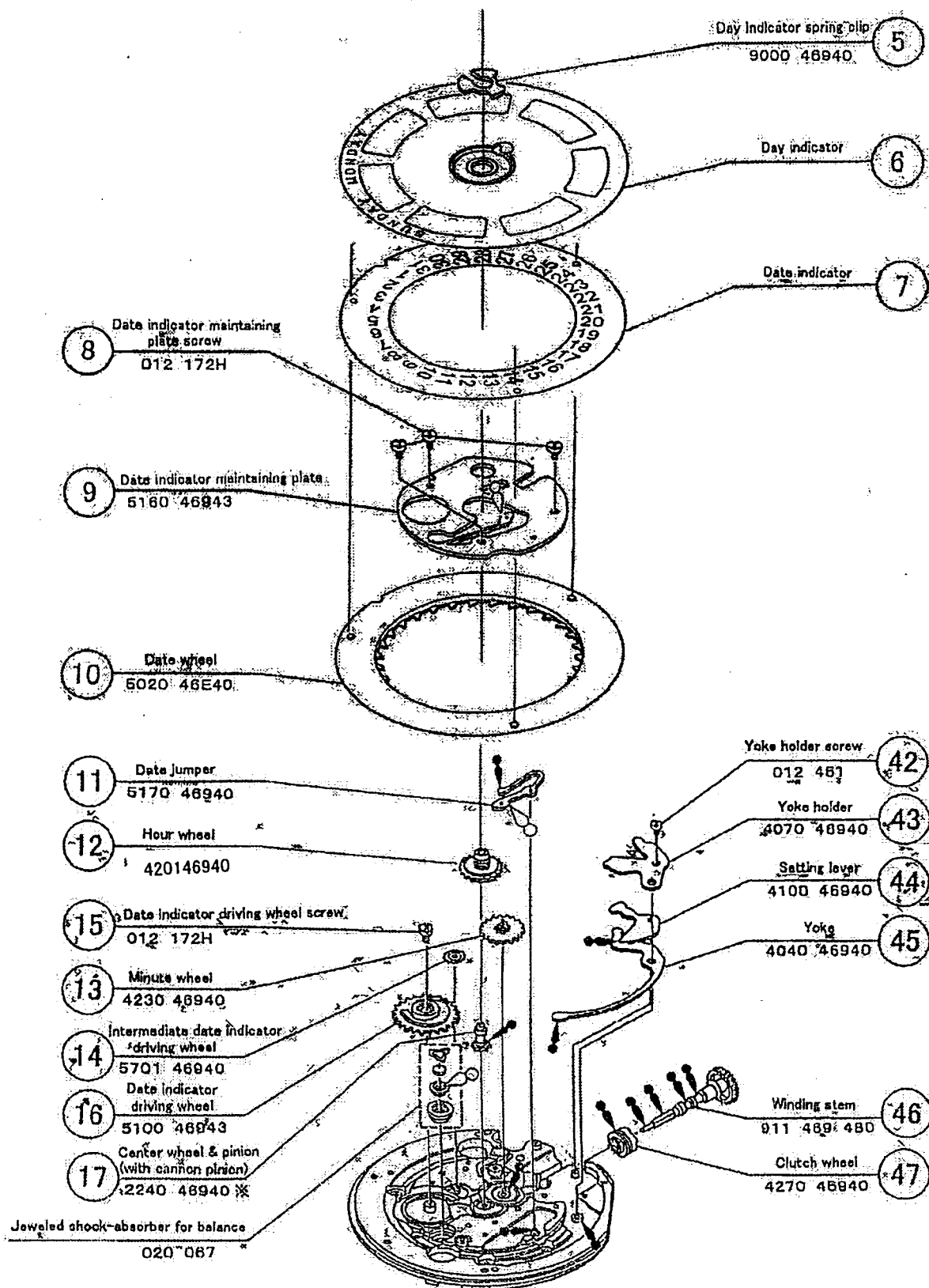
Lubricant code

- Moebius grease standard volume
- Moebius A standard volume
- Moebius microgrease D/5 standard volume

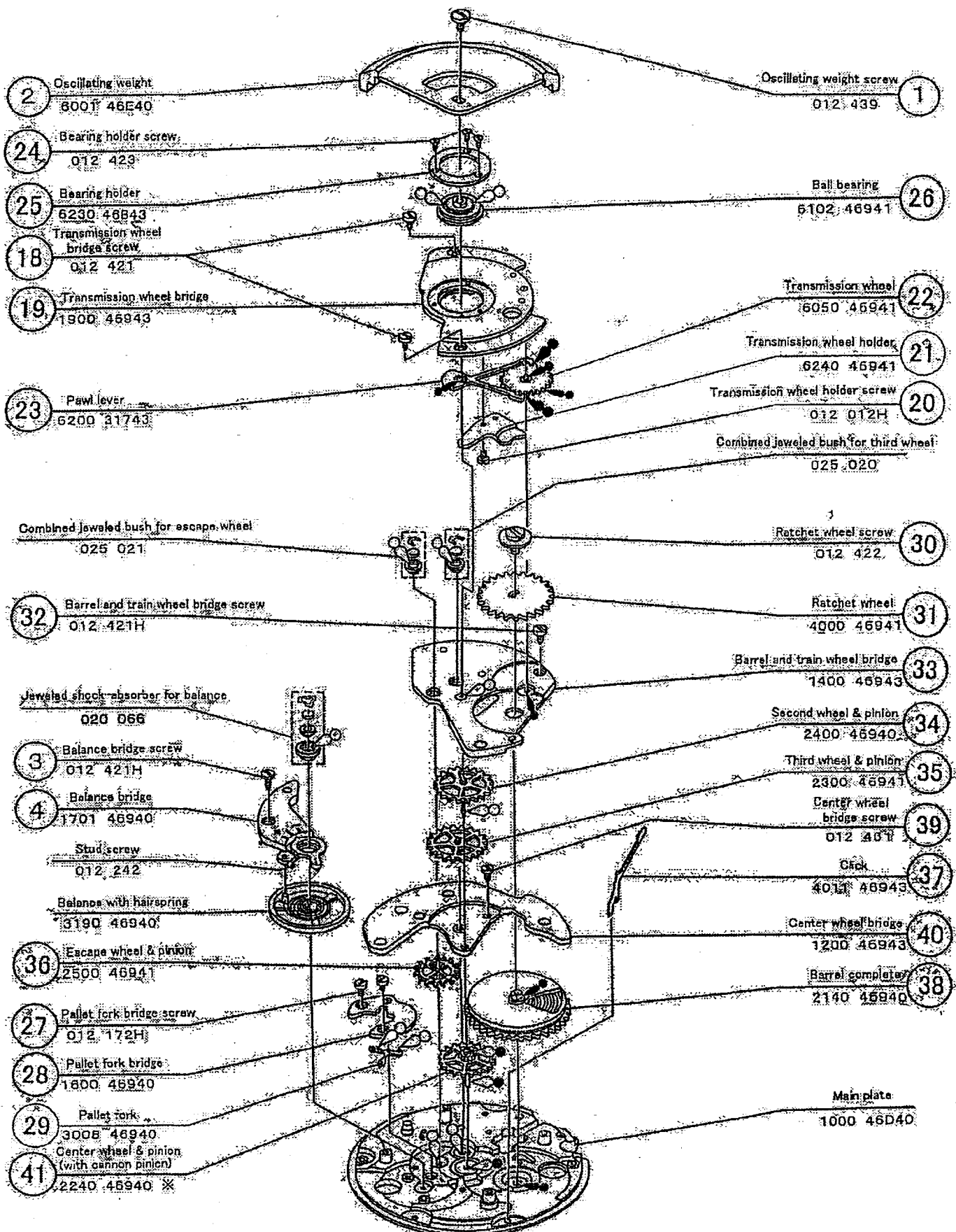
Disassembling and assembling procedure

Disassembling : ① ~ ④⑦

Assembling : ④⑦ ~ ①



※ The cannon pinion is supplied in combination with the center wheel as a set.



*The center wheel is supplied in combination with the cannon pinion as a set.

CAL	NO	PARTS CODE	PARTS NAME
46E40	1	012439	OSCILLATING WEIGHT SCREW
46E40	2	600146E40	OSCILLATING WEIGHT
46E40	3	012421H	BALANCE BRIDGE SCREW
46E40	4	170146940	BALANCE BRIDGE
46E40	5	900046940	DAY INDICATOR SPRING CLIP
46E40	6		*DAY INDICATOR
46E40	7		*DATE INDICATOR
46E40	8	012172H	DATE INDICATOR MAINTAINING PLATE SCREW
46E40	9	516046943	DATE INDICATOR MAINTAINING PLATE
46E40	10	502046E40	DATE WHEEL
46E40	11	517046940	DATE JUMPER
46E40	12	420146940	HOUR WHEEL
46E40	13	423046940	MINUTE WHEEL
46E40	14	570146940	INTERMEDIATE DATE INDICATOR DRIVING WHEEL
46E40	15	012172H	DATE INDICATOR DRIVING WHEEL SCREW
46E40	16	510046943	DATE INDICATOR DRIVING WHEEL
46E40	17	224046940	CENTER WHEEL & PINION
46E40	18	012421	TRANSMISSION WHEEL BRIDGE SCREW
46E40	19	190046943	TRANSMISSION WHEEL BRIDGE
46E40	20	012012H	TRANSMISSION WHEEL HOLDER SCREW
46E40	21	624046941	TRANSMISSION WHEEL HOLDER
46E40	22	605046941	TRANSMISSION WHEEL
46E40	23	620031743	PAWL LEVER
46E40	24	012423	BEARING HOLDER SCREW
46E40	25	623046B43	BEARING HOLDER
46E40	26	610246941	BALL BEARING
46E40	27	012172H	PALLET FORK BRIDGE SCREW
46E40	28	160046940	PALLET FORK BRIDGE
46E40	29	300846940	PALLET FORK
46E40	30	012422	RATCHET WHEEL SCREW
46E40	31	400046941	RATCHET WHEEL
46E40	32	012421H	BARREL AND TRAIN WHEEL BRIDGE SCREW
46E40	33	140046943	BARREL AND TRAIN WHEEL BRIDGE
46E40	34	240046940	SECOND WHEEL & PINION
46E40	35	230046941	THIRD WHEEL & PINION
46E40	36	250046941	ESCAPE WHEEL & PINION
46E40	37	401146943	CLICK
46E40	38	214046940	BARREL COMPLETE
46E40	39	012461	CENTER WHEEL BRIDGE SCREW
46E40	40	120046943	CENTER WHEEL BRIDGE
46E40	41	224046940	CENTER WHEEL & PINION
46E40	42	012461	YOKE HOLDER SCREW
46E40	43	407046940	YOKE HOLDER
46E40	44	410046940	SETTING LEVER
46E40	45	404046940	YOKE
46E40	46	911469480	WINDINGSTEM
46E40	47	427046940	CLUTCH WHEEL

ORIENT NEWS

TECHNICAL

No. 190-2 04-06

Cal. 46E40

■ Introduction of movement

<Movement Series>	46
<Cal. No.>	46E40
<Type>	Automatic winding mechanical watch for gent's Center 3 hands Date, Day (wide calendar), Quick date correction system by button, Out beat adjustment system

■ Movement specification

Item	Content	Item	Content
Outside diameter	ϕ 27.40 mm	Number of jewels	21 jewels
Casing diameter	ϕ 27.00 mm	Vibrations	21,600 / hour
Nominal thickness	5.75 mm	Daily accuracy(※1)	+25 to -15 sec.
Maximum thickness	6.05 mm		

※1 The stated daily accuracy is correct in the following conditions:

At normal room temperature with a full wound mainspring, left the watch facing the dial plate up and 24 hours have elapsed.

Due to the characteristics of automatic winding watch, the time may deviate from the daily accuracy stated following conditions (worn time of each day, position of the watch, movement of your arm, winding condition of the mainspring).

◎ Please understand that the specification of the movement may be changed for improvement without announcement.

■ Steps and notes on disassembling/assembling

• Please follow the movement expanded view for disassembling/assembling of the caliber.

ORIENT NEWS TECHNICAL

No.204-2 05-02

Cal.46E Series

New date indicator shape & assembly method

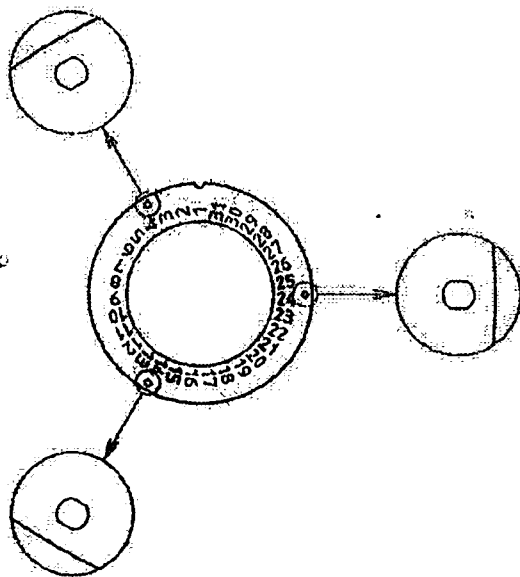
■ New date indicator shape

Caliber 46E series (Wide Calendar) have new shape of holes on date indicator to fix onto date wheel. It is compatible in date indicator of old and new, only assembly method is different.

◆ How to recognize new date indicator

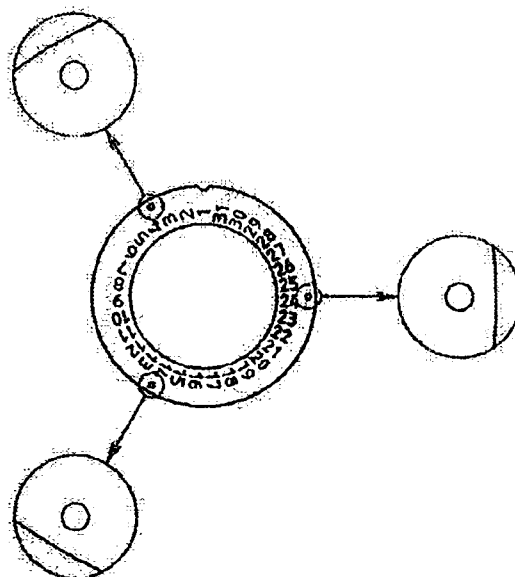
<New>

3 holes, Oval shape



<Old>

3 holes, Round shape



◆ Parts code of date indicator

Winding stem at

3 O'clock

3 O'clock

Window at

3 O'clock

6 O'clock

<New>

5001 46E40

5051 46E40

<Old>

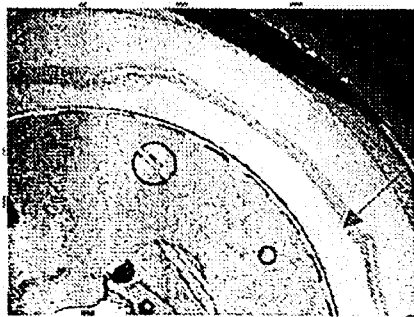
5000 46E40

5050 46E40

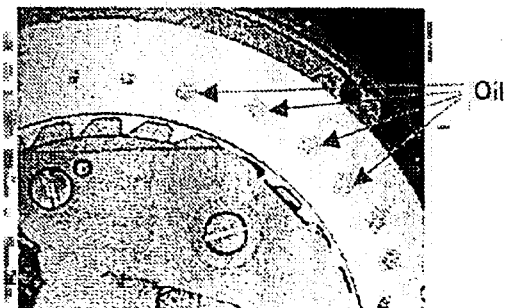
◆ New assembly method

① Please apply Moebius A or AO-03 oil round on the date wheel

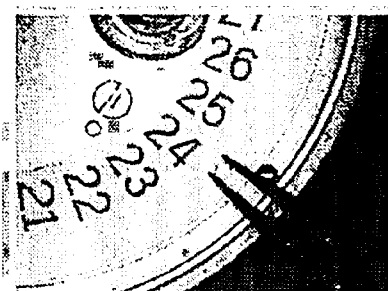
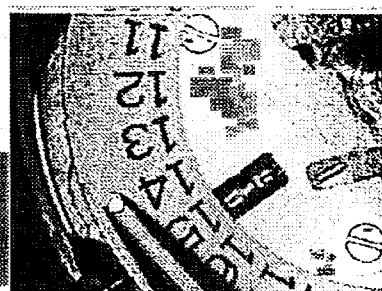
Good: Oil applied round on date wheel



Bad: Oil applied in spots on date wheel
(Date indicator may happen to come out from date wheel)



② Please use tweezers and fix date indicator holes with date wheel at 3 positions firmly



③ Please use fingerstall and press date indicator softly at 10 positions.



Please do not touch date indicator by bare fingers.