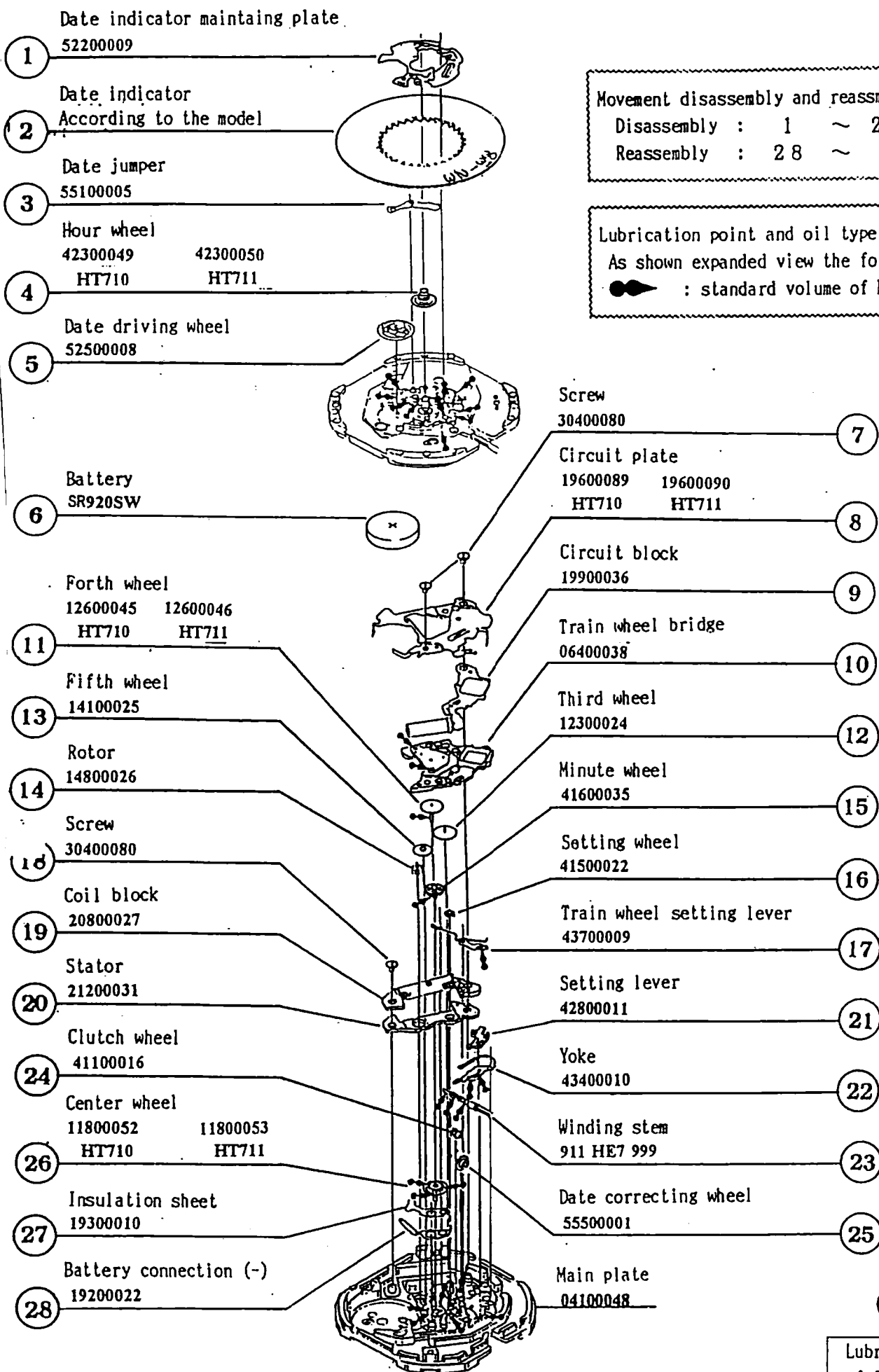




Movement disassembly and reassembly prodedure

Disassembly : 1 ~ 28

Reassembly : 28 ~ 1

Lubrication point and oil type

As shown expanded view the following symbol

● : standard volume of Moebius A

Lubrication point
of Center wheel

CAL	NO	PARTS CODE	PARTS NAME
HT711	1	52200009	DATE INDICATOR MAINTAINING PLATE
HT711	2		*DATE INDICATOR
HT711	3	55100005	DATE JUMPER
HT711	4	42300050	HOUR WHEEL
HT711	5	52500008	DATE DRIVING WHEEL
HT711	6	SR920SW	BATTERY
HT711	7	304000080	SCREW
HT711	8	19600090	CIRCUIT PLATE
HT711	9	19900036	CIURCUIT BLOCK
HT711	10	06400038	TRAIN WHEEL BRIDGE
HT711	11	12600046	FORTH WHEEL
HT711	12	12300024	THIRD WHEEL
HT711	13	14100025	FIFTH WHEEL
HT711	14	14800026	ROTOR
HT711	15	41600035	MINUTE WHEEL
HT711	16	41500022	SETTING WHEEL
HT711	17	43700009	TRAIN WHEEL SETTING LEVER
HT711	18	30400080	SCREW
HT711	19	20800027	COIL BLOCK
HT711	20	21200031	STATOR
HT711	21	42800011	SETTING LEVER
HT711	22	43400010	YOKE
HT711	23	911HE7999	WINDING STEM
HT711	24	41100016	CLUTCH WHEEL
HT711	25	55500001	DATE CORRECTING WHEEL
HT711	26	11800053	CENTER WHEEL
HT711	27	19300010	INSULATION SHEET
HT711	28	19200022	BATTERY CONNECTION (-)

ORIENT QUARTZ

TECHNICAL MANUAL

H T SERIES

<Movement Series>	HT
<C a l. N o.>	HT710 HT711
<Type>	Analog Quartz wrist watch for gent's 3 center hands 1 second step
<Additional Function>	Train wheel setting device Reset switch Battery life display Quick date correction system

■ MOVEMENT SPECIFICATION

I T E M	D i s c r i p t i o n	
	HT710	HT711
Outside diameter	ϕ 24.0X21.3(3-9H)X21.5(12-6H)mm	
Casing diameter	ϕ 23.3X21.3(3-9H)X21.5(12-6H)mm	
Height(normal portion)	2.6 mm	
Height(maximum)	2.625mm	
Quartz oscillator frequency	32,768 Hz	
Driving system	Step motor (bipolar)	
Regulation system	Logical adjustment system	
Battery	Silver oxide battery SR920SW Capacity : 43 mAH Battery life : Approx. 5 years	
Accuracy	Mean monthly rate : $\pm$ 15 seconds	
Number of jewels	1 jewel	
Operating temperature range	-10 ~ +60 $^{\circ}$ C	
Hand fixing hight	Normal	Higher

* Some of movement specification are subject to change without prior notice for further improvement.

■ CHECK AND ADJUSTMENT

- ⊙ Coil block 1.28 ~ 1.48 k Ω (normal)
- ⊙ Current consumption below 1.1 μ A (reference)
- ⊙ Accuracy check Quartz tester, using gate time 10 seconds.

■ DISASSEMBLING AND ASSEMBLING

Please refer Expanded View

■ LUBRICATION

- ⊙ Point indicated in movement expanded view
- ⊙ Symble and type Moebius A
- ⊙ Volume standard volume