



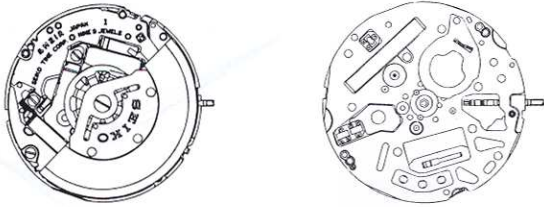
Seiko 4M21A Movement Parts (1)

Compiled by EmmyWatch - <https://www.emmywatch.com>

PARTS CATALOGUE/TECHNICAL GUIDE

Cal. 4M21A

[SPECIFICATIONS]

Item		Cal. No.	4M21A
Movement			 <p style="text-align: right;">(x 1.0)</p>
Movement size	Outside diameter		ø26.4 mm
	Casing diameter		ø25.6 mm
	Height		2.7 mm
Time indication			3 hands
Driving system			Step motor (Load compensated driving pulse type)
Additional mechanism			<ul style="list-style-type: none"> • Automatic generating system • Power reserve indicator • Overcharge prevention function • Energy depletion forewarning function • Electronic circuit reset switch • Train wheel setting device
Loss/gain			Monthly rate at normal temperature range: less than 15 seconds
Regulation system			Nil
Measuring gate by quartz tester			Use 10-second gate.
Power supply	Power generator		Automatic generating system
	Capacitor		Polyacene lithium condenser
Operating voltage range			0.5 ~ 2.3 V
Duration of charge			From full charge to stoppage: Approx. 72 hours (3 days)
Jewels			9 jewels

Disassembling procedures Figs. :

① → ④⑥

Reassembling procedures Figs. :

④⑥ → ①

Lubricating: Types of oil

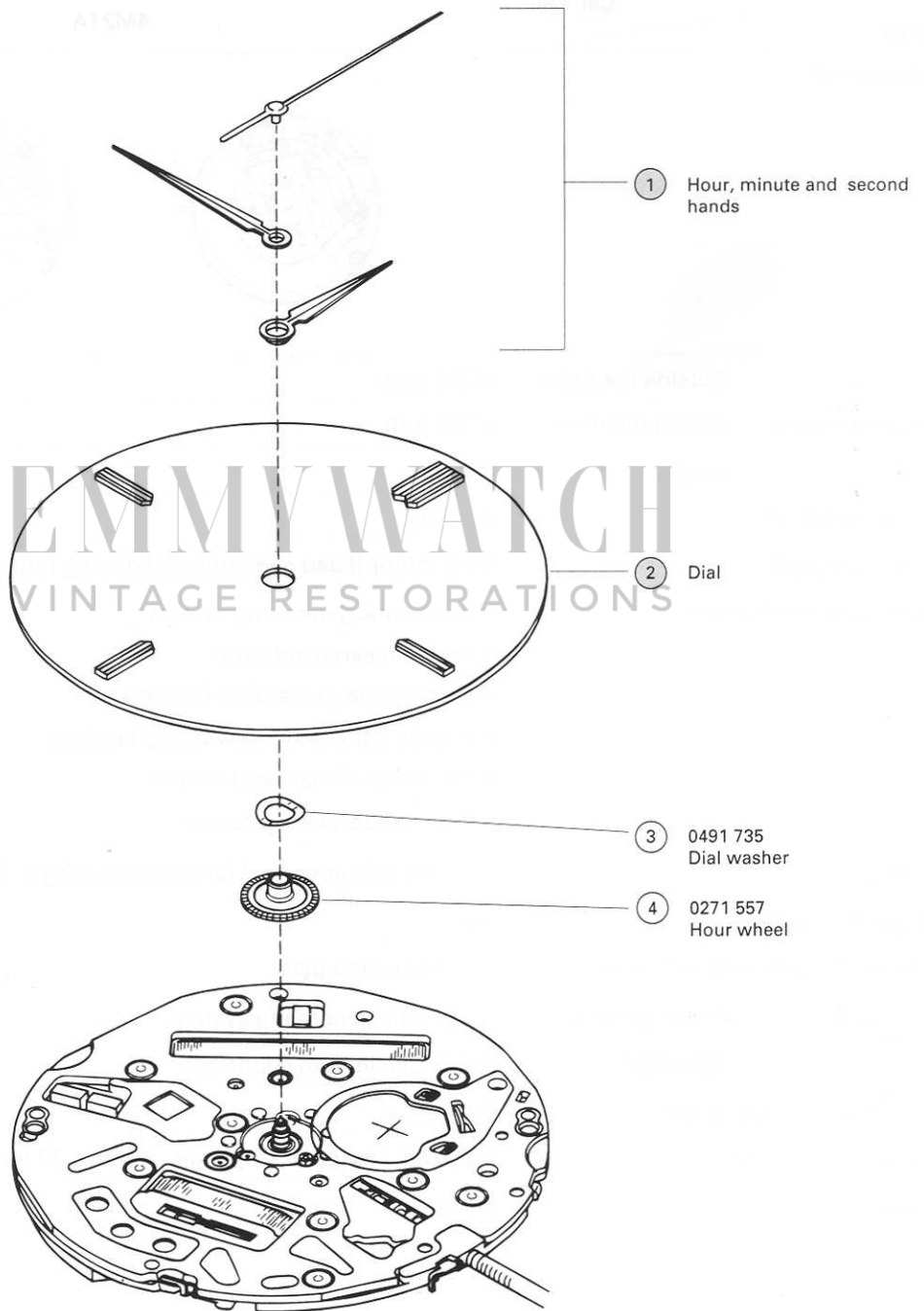
● Moebius A

○ SEIKO Watch Oil S-6

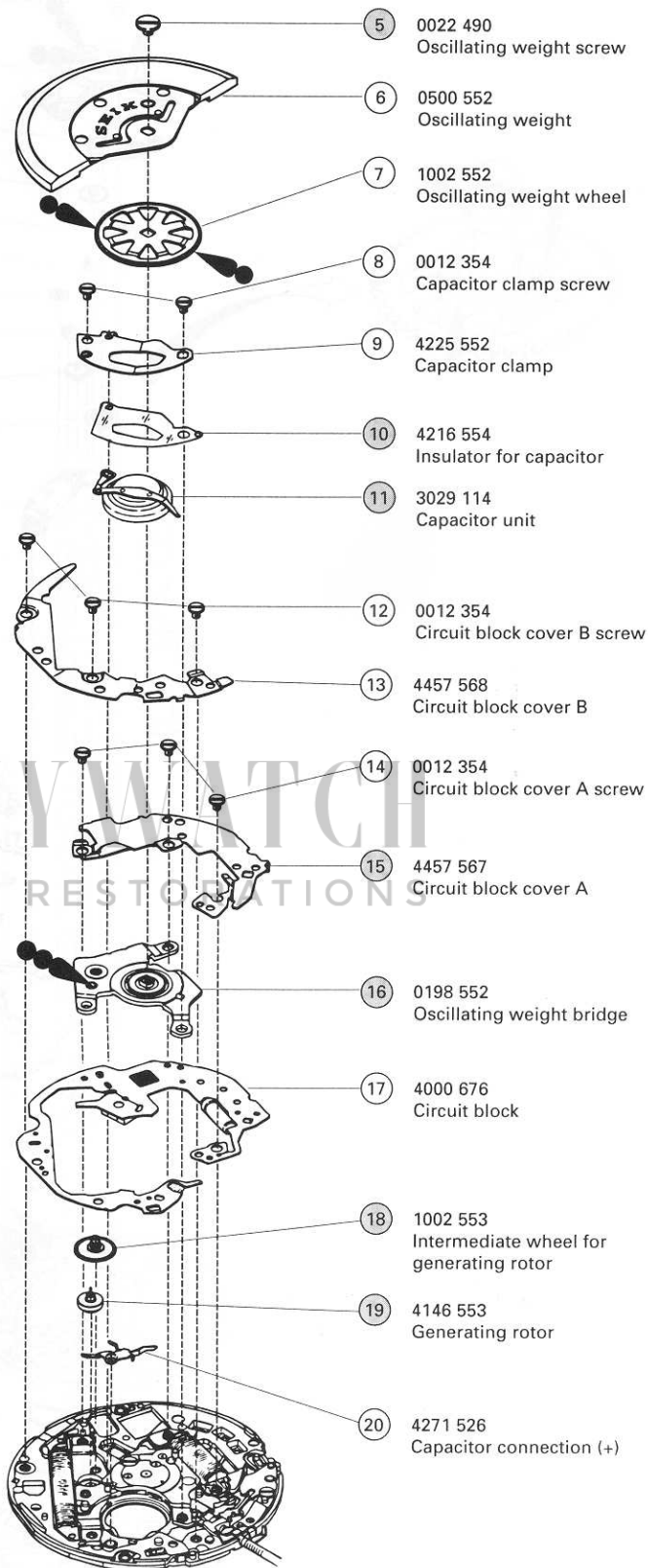
Oil quantity



○ Normal quantity


○○ Liberal quantity

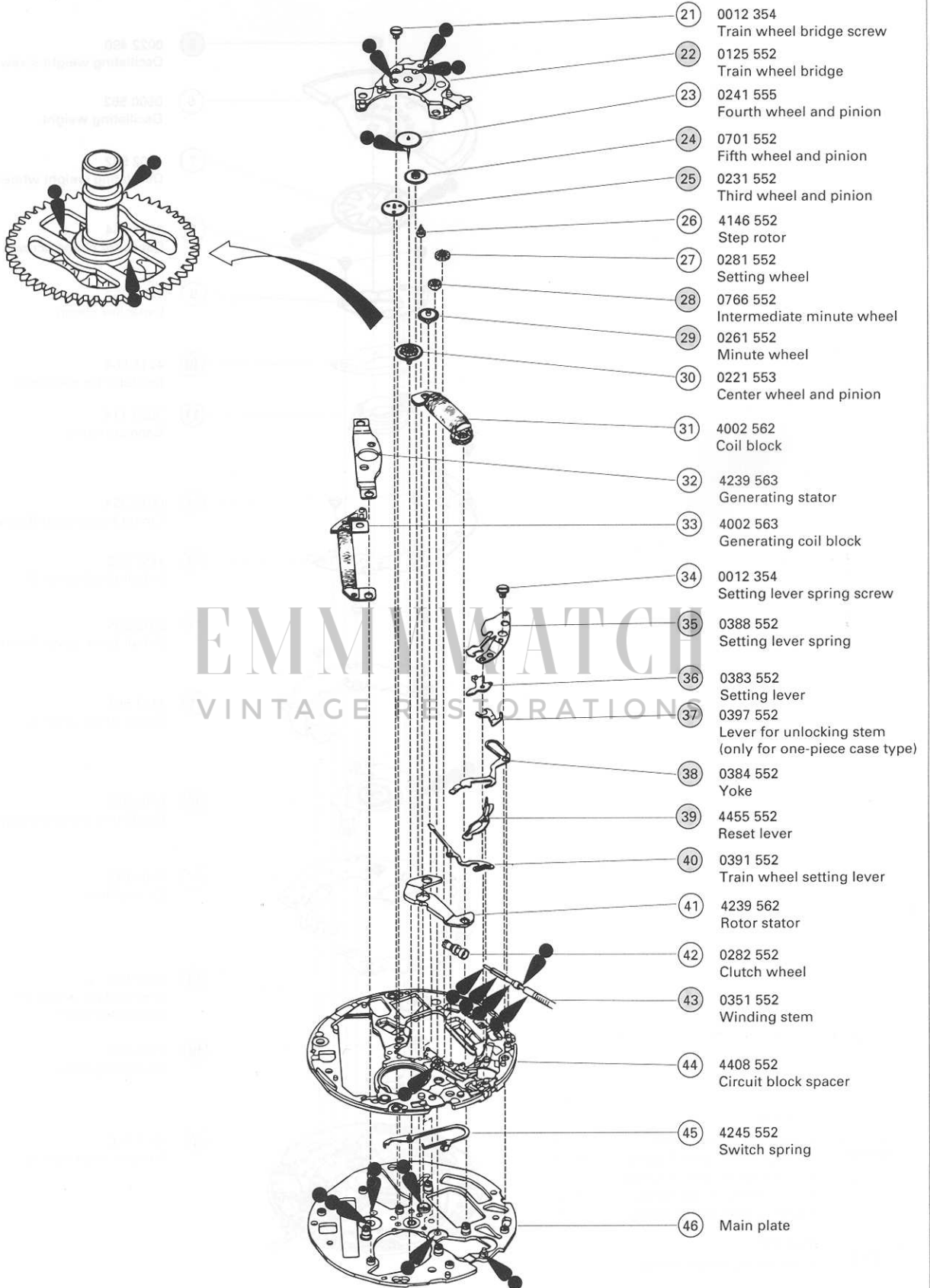




● → Please see the remarks on the following pages.
(Lubricating of some parts is shown in "II. REMARKS ON DISASSEMBLING AND REASSEMBLING")



	0012 354	
	• Capacitor clamp screw	(2 pcs.)
	• Circuit block cover B screw	(3 pcs.)
	• Circuit block cover A screw	(3 pcs.)
	• Train wheel bridge screw	(1 pc.)
	0022 490	
	• Oscillating weight screw	(1 pc.)

 Please see the remarks on the following pages.
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