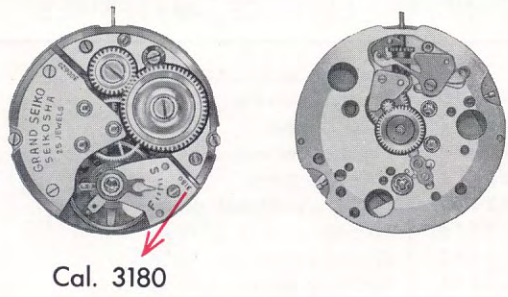
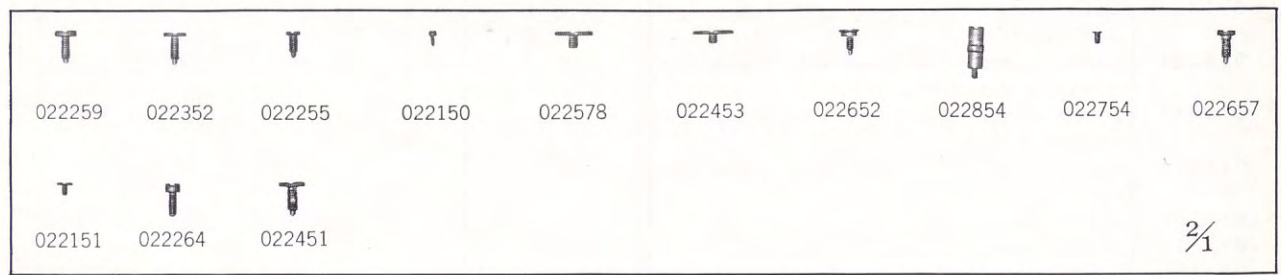
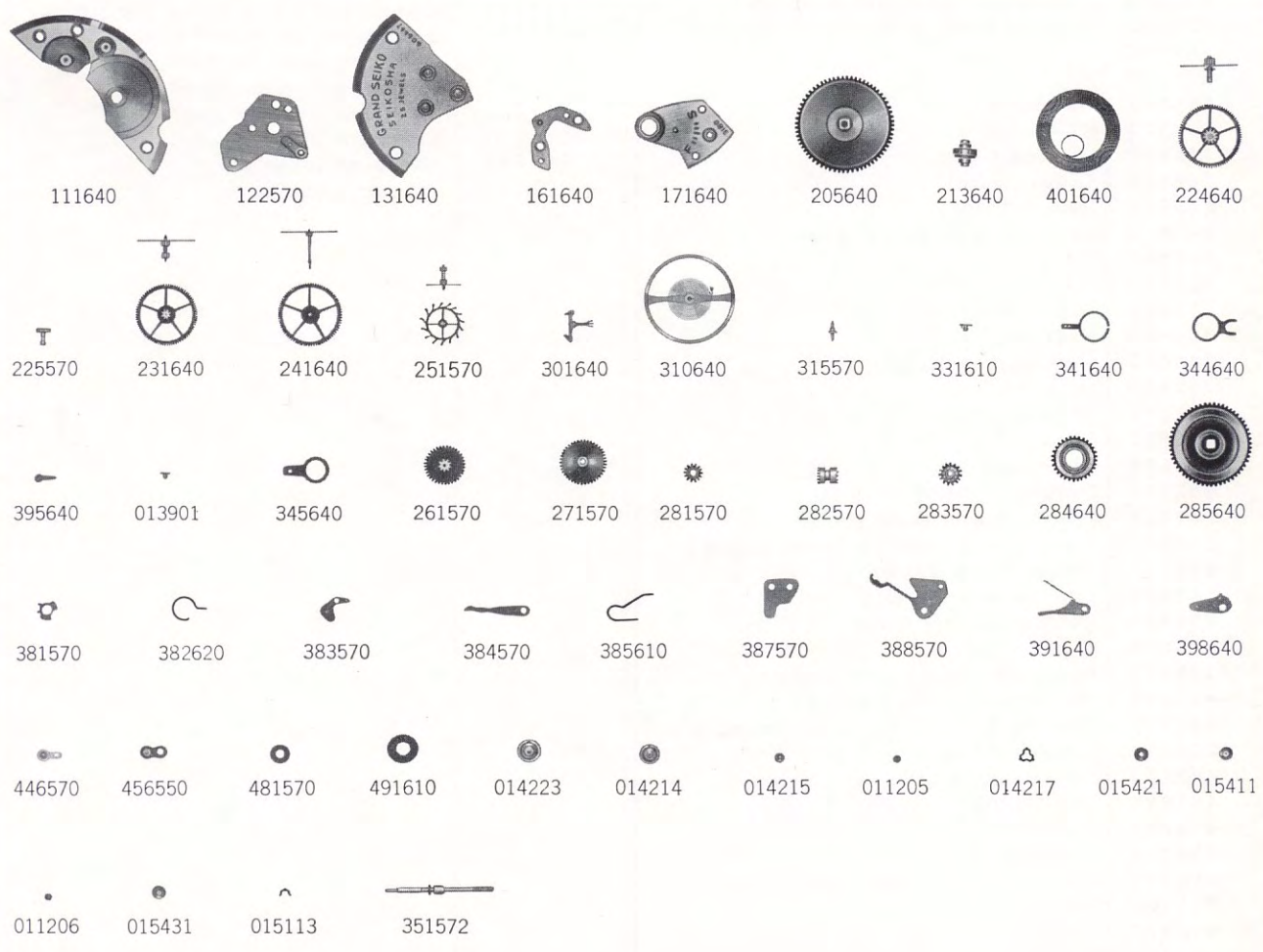


Calibre No. 3180	Jewels 25 j	Style Name (Grand Seiko)
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Characteristics

- Chronometer
- Casing diameter : 27.60^φmm
- Maximum height : 4.40 mm
- Vibrations per hour : 18,000
- Non-automatic with sweep second
- Second-setting device
- Micro-adjustor
- "Diashock" Shock Resistant Device
- "Diafix" Oil Lubrication Device



Calibre No.		Jewels	Style Name	
3180		25j	(Grand Seiko)	
PART NO.	LIST OF MATERIALS	PART NO.	LIST OF MATERIALS	
111640	Barrel bridge	022255	Pallet cock screw	
122570	Center wheel bridge	022259	Bridge screw	
131640	Third wheel bridge	022264	Dial screw	
161640	Pallet cock	022352	Center wheel bridge screw	
171640	Balance cock	022451	Case screw	
205640	Complete barrel with arbor & jewel	022453	Ratchet wheel screw	
213640	Barrel arbor	022578	Crown wheel screw	
224640	Center wheel & pinion with cannon	022652	Click screw	
225570	Cannon pinion	022657	Setting lever spring screw	
231640	Third wheel & pinion	022754	Minute wheel bridge screw	
241640	Sweep second wheel & pinion	022754	Lower end-piece screw for pallet	
251570	Escape wheel & pinion	022854	Setting lever screw	
261570	Minute wheel	011105	Upper hole jewel for center wheel	
271570	Hour wheel	011105	Lower hole jewel for center wheel	
281570	Setting wheel	011503	Upper hole jewel for pallet	
282570	Clutch wheel	011503	Lower hole jewel for pallet	
283570	Winding pinion	013901	Micro-adjustor pin	
284640	Crown wheel	023151	Tube for bridge screw	
285640	Ratchet wheel			
301640	Jewelled pallet fork & staff			
310640	Balance complete with stud			
315570	Balance staff			
331610	Roller with jewel			
341640	Regulator			
344640	Regulator adjusting device			
345640	Stud holder			
351572	Winding stem			
381570	Click			
382620	Click spring			
383570	Setting lever			
384570	Yoke (Clutch lever)			
385610	Yoke spring (Clutch lever spring)			
387570	Minute wheel bridge			
388570	Setting lever spring			
391640	Second-setting lever			
395640	Micro-adjustor			
398640	Second-setting lever washer			
401640	Mainspring (self-greasing)			
446570	Bearing plate for sweep second wheel			
456550	Lower end-piece for pallet			
481570	Crown wheel ring			
491610	Dial washer			
014223	Diashock upper frame			
014214	Diashock lower frame			
014215	Diashock hole jewel with frame			
011205	Diashock cap jewel			
014217	Diashock spring			
015421	Diafix upper hole jewel with frame for 3rd wheel			
015421	Diafix lower hole jewel with frame for 3rd wheel			
015431	Diafix upper hole jewel with frame for sweep second wheel			
015411	Diafix upper hole jewel with frame for escape wheel			
015411	Diafix lower hole jewel with frame for escape wheel			
011206	Diafix cap jewel			
015113	Diafix spring			
022150	Stud screw			
022151	Bearing plate screw for sweep second wheel			

Items in light letters are not shown in photos.