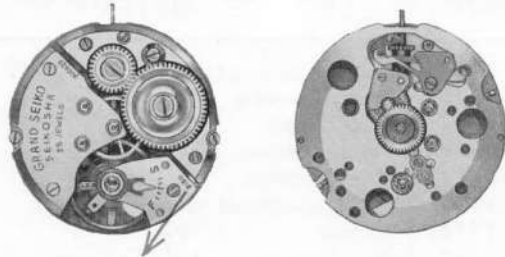


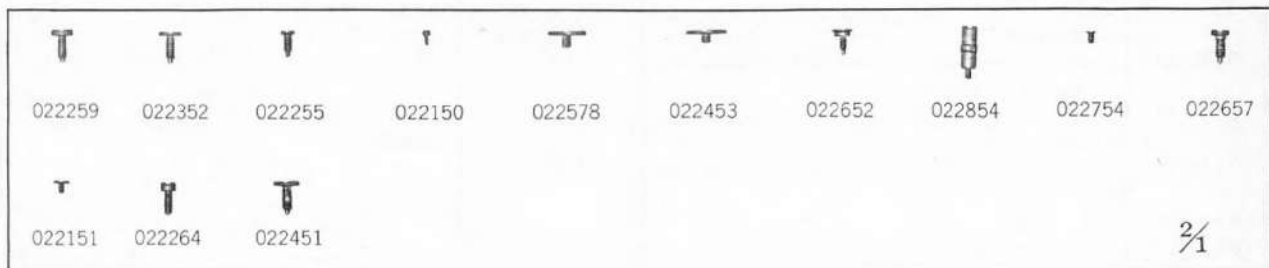
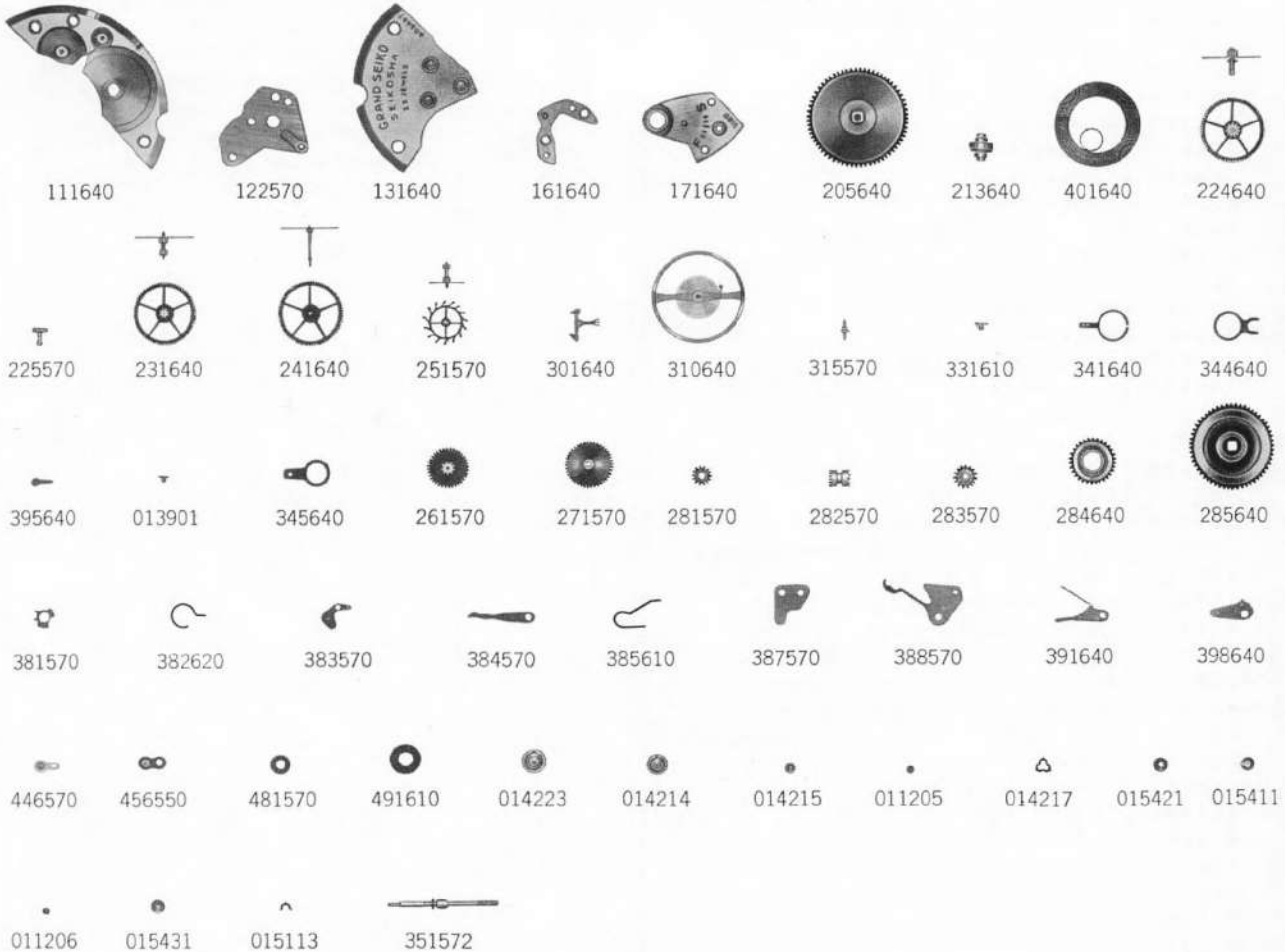
| | | |
|----------------------------|-----------------------|--------------------------------------|
| Calibre No. 3180 | Jewels 25 j | Style Name (Grand Seiko) |
|----------------------------|-----------------------|--------------------------------------|



Cal. 3180

Characteristics

Chronometer
 Casing diameter : 27.60[±]mm
 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 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.