

GROUP ASSEMBLY PARTS LIST

Figure and Index Number	SPCC-MFR Number	Hamilton Part Number	Part Name	Units Per Assy.
	H18-HM-10041	42000	Movement Assembly - Chronometer, 85-size, model 21	Ref.
108-1	H18-HM-10225	42066	Cock - Balance, complete with pins	1
108-2	H18-HM-10226	42192	Screw - Balance cock	1
108-3	H18-HM-10227	42160	Cap - Balance upper endstone, with jewel	1
108-4	H18-HM-10228	20762	Screw - Balance upper endstone cap	2
108-5	H18-HM-10229	42155	Setting - Balance upper endstone, with jewel	1
108-6	H18-HM-10230	42162	Setting - Balance, complete with jewel	1
108-7	H18-HM-10231	42193	Balance and Hairspring Assembly	1
108-8	H18-HM-10232	27760	Screw - Hairspring stud	1
108-9	H18-HM-10233	42188	Hairspring	1
108-10	H18-HM-10237	42189	Stud - Hairspring, complete with pins	1
108-11	H18-HM-10236	42147	Pin - Hairspring stud clamp wedge	1
108-12	H18-HM-10235	42191	Clamp - Hairspring stud	1
108-13	H18-HM-10234	42190	Collet - Hairspring	1
108-11	H18-HM-10236	42147	Pin - Hairspring collet clamp wedge	1
108-12	H18-HM-10235	42191	Clamp - Hairspring collet	1
108-14	H18-HM-10238	*42195	Balance Wheel Assembly, with screws	1
108-14	H18-HM-10239	42178	Wheel - Balance, complete with spoke	1
108-15	H18-HM-10240	42177	Screw - Timing weight	2
108-16	H18-HM-10241	42176	Weight - Timing, 93 ± 1 mg.	2
108-17	H18-HM-10242	42197	Screw - Vernier timing weight	2
108-18	H18-HM-10118	37115	Weight - Vernier timing, 10.5 ± 0.3 mgs.	2
108-19	H18-HM-10250	**42171	Screw - Balance, 125 to 130 mgs., 0.049 in. head height	4-6
108-20	H18-HM-10252	**42173	Screw - Balance, 200 to 205 mgs., 0.080 in. head height	2
108-21	H18-HM-10253	**42174	Screw - Balance, 250 to 255 mgs., 0.101 in. head height	2
108-22	H18-HM-10243	**42181	Washer - Timing, 4.0 to 5.0 mgs., 0.002 in. thick	As Req'd.
108-23	H18-HM-10255	42252	Roller - Unlocking, complete with jewel	1
108-24	H18-HM-10256	287	Jewel - Unlocking	1
108-25	H18-HM-10257	**42263	Roller - Impulse, complete with jewel, (Identity No. 3; O.D. .249)	1
108-26	H18-HM-10258	286	Jewel - Impulse	1
108-27	H18-HM-10561	***42180	Roller - One piece	Ref. 1
108-28	H18-HM-10264	++42248	Cap - Balance wheel	1
108-29	H18-HM-10263	++42249	Screw - Balance wheel hold-down	2
108-30	H18-HM-10248	42186	Hub - Balance wheel, complete with staff	1
108-31	H18-HM-10196	42299	Arm - Balance wheel locking	1
108-32	H18-HM-10278	37204	Screw - Flat head fillister (NAVOBSY No. 4618)	1
108-33	H18-HM-10277	42251	Washer - (NAVOBSY No. 55-3)	1
108-34	H18-HM-10214	42300	Pin - Balance wheel locking arm stop	1
108-35	H18-HM-10280	++42029	Plate - Setup cover	1

**See tables on page 88 for additional variations.

***Part No. 42180 should be replaced with Parts Nos. 42252 and 42263 whenever in need of repair or replacement.

++Not included in early model chronometers.

+++In disassembly, the escape upper bridge, detent assembly, and escape wheel are removed ahead of the setup cover plate. Therefore, to follow disassembly exactly, refer to parts 110-1 through 110-18, in Fig. 110.

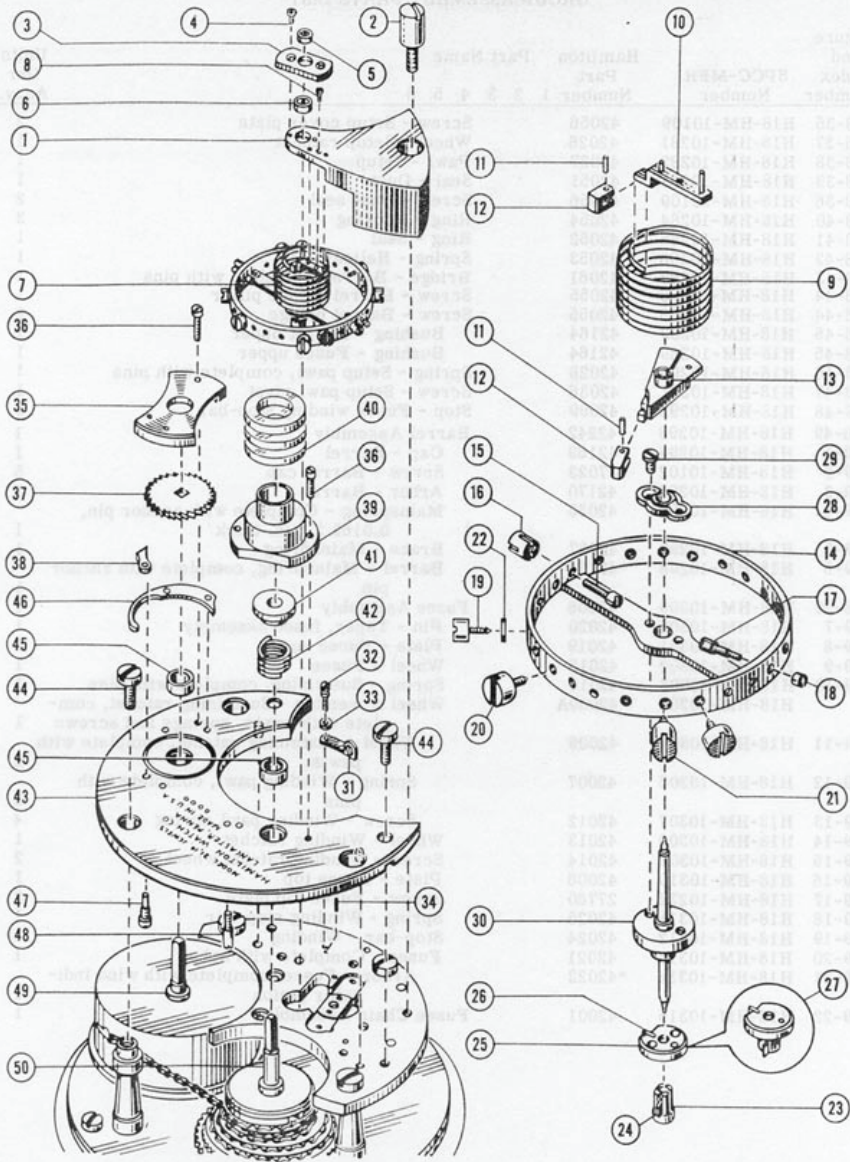


Figure 108

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Figure and Index Number	SPCC-MFR Number	Hamilton Part Number	Part Name	Units Per Assy.
108-36	H18-HM-10109	42056	Screw - Setup cover plate	2
108-37	H18-HM-10281	42026	Wheel - Setup ratchet	1
108-38	H18-HM-10282	42027	Pawl - Setup	1
108-39	H18-HM-10283	42051	Seal - Dust	1
108-36	H18-HM-10109	42056	Screw - Dust seal	2
108-40	H18-HM-10284	42054	Ring - Packing	3
108-41	H18-HM-10285	42052	Ring - Seal	1
108-42	H18-HM-10286	42053	Spring - Helical seal	1
108-43	H18-HM-10287	42061	Bridge - Barrel, complete with pins	1
108-44	H18-HM-10288	42055	Screw - Barrel bridge pillar	1
108-44	H18-HM-10288	42055	Screw - Barrel bridge	2
108-45	H18-HM-10289	42164	Bushing - Barrel upper	1
108-45	H18-HM-10289	42164	Bushing - Fusee upper	1
108-46	H18-HM-10290	42028	Spring - Setup pawl, complete with pins	1
108-47	H18-HM-10291	42036	Screw - Setup pawl pivot	1
108-48	H18-HM-10292	42099	Stop - Fusee winding stop-bar	1
108-49	H18-HM-10293	42242	Barrel Assembly	1
109-1	H18-HM-10294	*42169	Cap - Barrel	1
109-2	H18-HM-10102	37023	Screw - Barrel cap	5
109-3	H18-HM-10295	42170	Arbor - Barrel	1
109-4	H18-HM-10296	42038	Mainspring - Complete with anchor pin, 0.0165 ± 0.0005 in. thick	1
109-5	H18-HM-10297	42037	Brace - Mainspring	1
109-6	H18-HM-10298	*42168	Barrel - Mainspring, complete with anchor pin	1
108-50	H18-HM-10299	42006	Fusee Assembly	1
109-7	H18-HM-10300	42020	Pin - Taper, fusee assembly	1
109-8	H18-HM-10301	42019	Plate - Fusee end	1
109-9	H18-HM-10302	42015	Wheel - Fusee	1
109-10	H18-HM-10303	42016	Spring - Sustaining, complete with pins	1
	H18-HM-10304	42009A	Wheel Assembly - Sustaining ratchet, complete with pawls, springs and screws	1
109-11	H18-HM-10305	42009	Wheel - Sustaining ratchet, complete with pawls	1
109-12	H18-HM-10306	42007	Spring - Winding pawl, complete with pins	2
109-13	H18-HM-10307	42012	Screw - Winding pawl spring	4
109-14	H18-HM-10308	42013	Wheel - Winding ratchet	1
109-15	H18-HM-10309	42014	Screw - Winding ratchet wheel	1
109-16	H18-HM-10310	42008	Plate - Fusee top	2
109-17	H18-HM-10311	27760	Screw - Fusee top plate	2
109-18	H18-HM-10311	42025	Spring - Winding stop-bar	1
109-19	H18-HM-10312	42024	Stop-bar - Winding	1
109-20	H18-HM-10313	42021	Fusee - Complete with arbor	1
109-21	H18-HM-10314	*42022	Arbor - Fusee, complete with wind indicator pinion	1
109-22	H18-HM-10315	42001	Fusee Chain Assembly	1

*Not recommended for stocking.