PARTS CATALOG

HAMILTON WRIST WATCH

8/0 SIZE MODEL 747

Assembly Unit Part Number 43011A
Delivered to
Department of the Army
Ordnance Department

September 1949

Copyright 1949

HAMILTON WATCH COMPANY
LANCASTER, PENNA.
U. S. A.

PREFACE

Hamilton Parts Catalogs are compiled and arranged primarily for watch repairmen who service Hamilton watches. This catalog contains exploded views illustrating the various parts and their assembly sequence, an Illustration Index, an Alphabetical Parts List and a Numerical Parts List. Suitable cross-references are included.

The exploded views should prove especially helpful to the watch repairman. These views not only show all parts as seen to the eye, but also show their relative positions in the movement and, in general, the order of assembly after repairs and/or cleaning. On familiar grades of Hamilton watches, this feature will be of little interest. But in servicing new and unfamiliar Hamilton movements, such information can be of considerable help to many watch repairmen.

It will be of some help to the user of this catalog to note the word order used on part names. The noun is always listed first followed by the necessary words of specific identification. Example: Bridge, barrel; Wheel, escape; NOT barrel bridge or escape wheel.

HOW TO USE THIS PARTS CATALOG

WHEN PART NAME IS KNOWN

Find the part name in the Alphabetical Parts List; note its Part Number and Illustration Index Number. Reference can then be made to the Illustrations. If part name is NOT listed in the Alphabetical Parts List, it is NOT PROCURABLE.

WHEN PART NUMBER IS KNOWN

Reference to the Numerical Parts List will provide page number cross reference to the Alphabetical Parts List and thereby provide part name and Illustration Index Number. If part number is NOT listed in the Numerical Parts List it is NOT PROCURABLE.

WHEN NEITHER PART NAME OR PART NUMBER IS KNOWN

Refer to the illustrations and identify actual part with one illustrated. Referring then to the Illustration Index will yield part name and part number. If identification of a part proves impossible, send the part or sub-assembly to the Material Sales Department, Hamilton Watch Company, Lancaster, Pennsylvania. Identification will be made and promptly returned.

INDEX

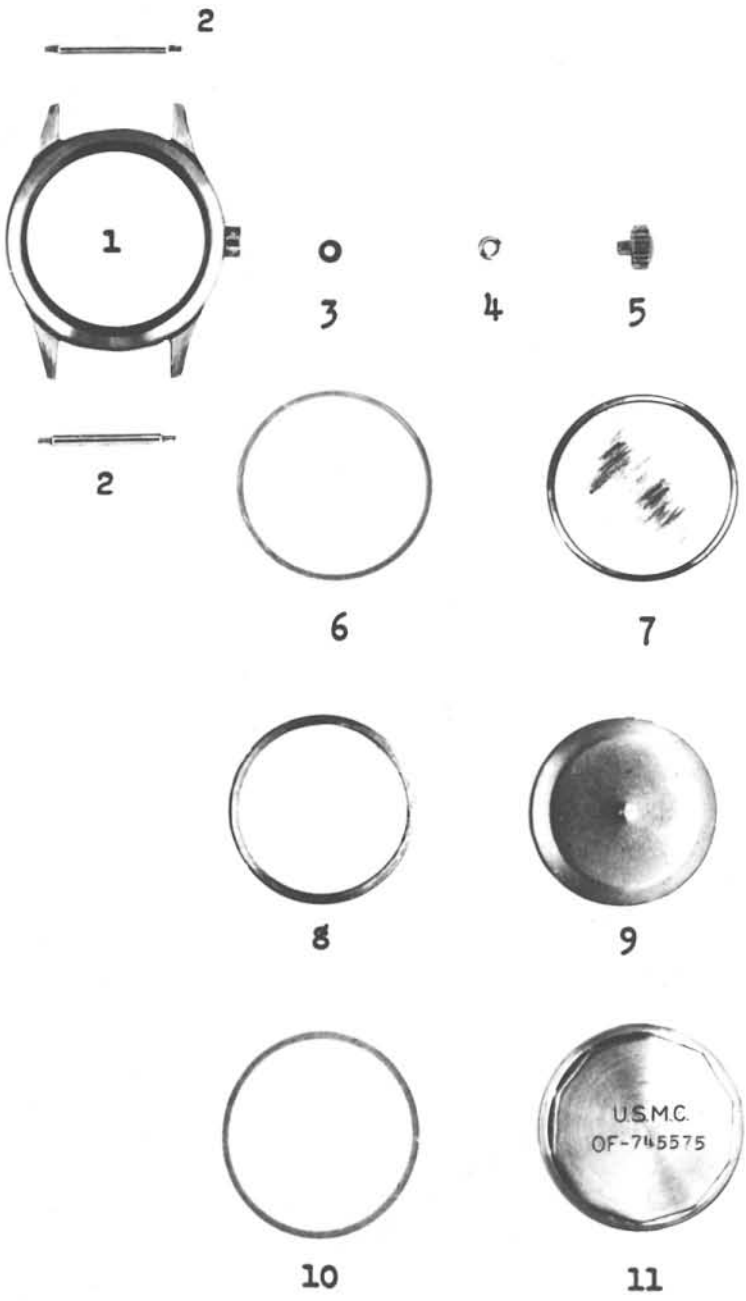
PARTS CATALOG

HAMILTON WRIST WATCH

8/0 SIZE MODEL 747

ASSEMBLY UNIT PART NUMBER 43011

SECTION	PAGE NO.
Preface	1
Parts and Assembly Illustrations	4
Illustration Index	8
Numerical Parts List	11
Alphabetical Parts List	12



S/O SIZE WRIST WATCH

Hamilton Model 747

Assembly Illustration

Case Components Illustration

Illustration A

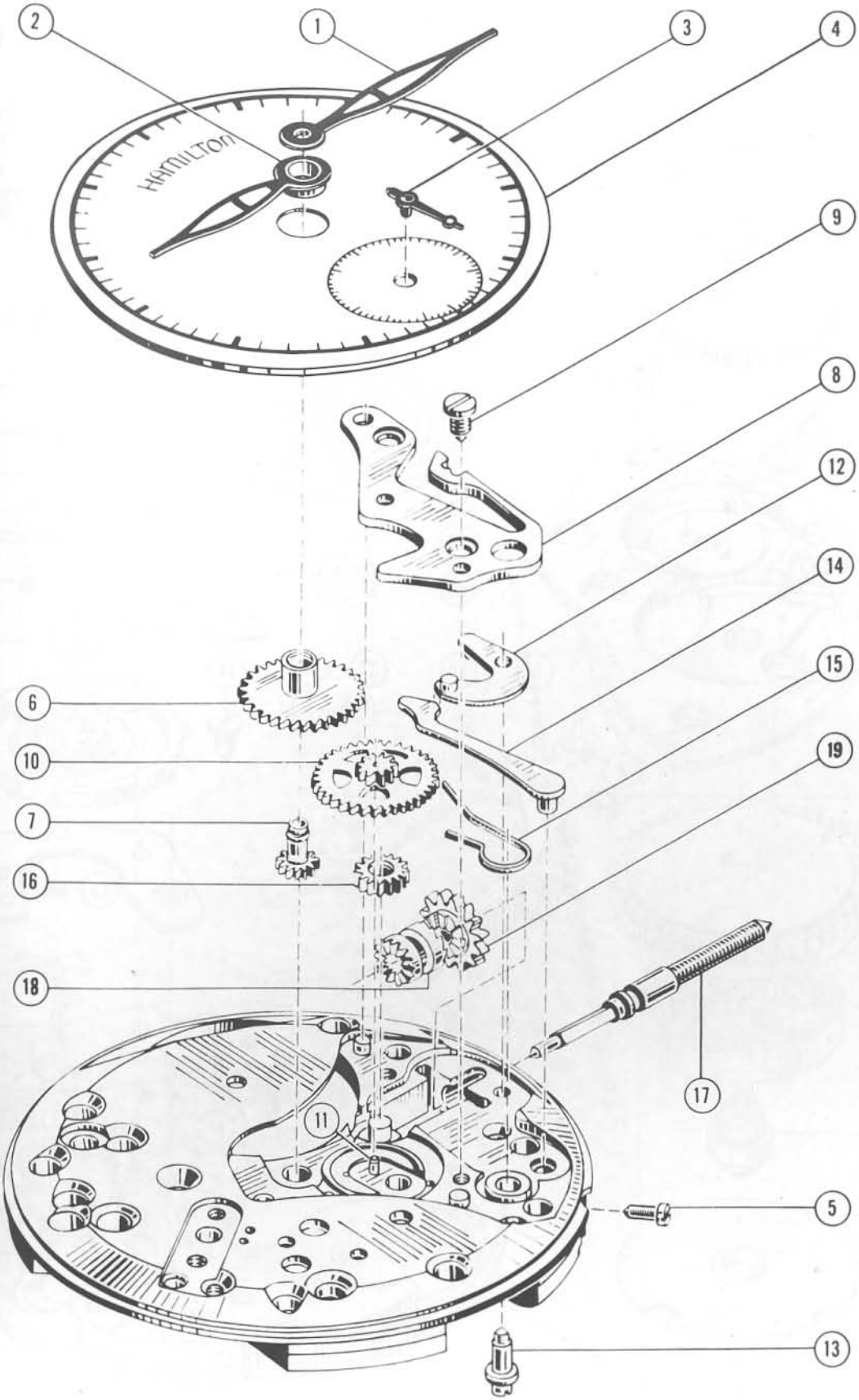


Illustration B

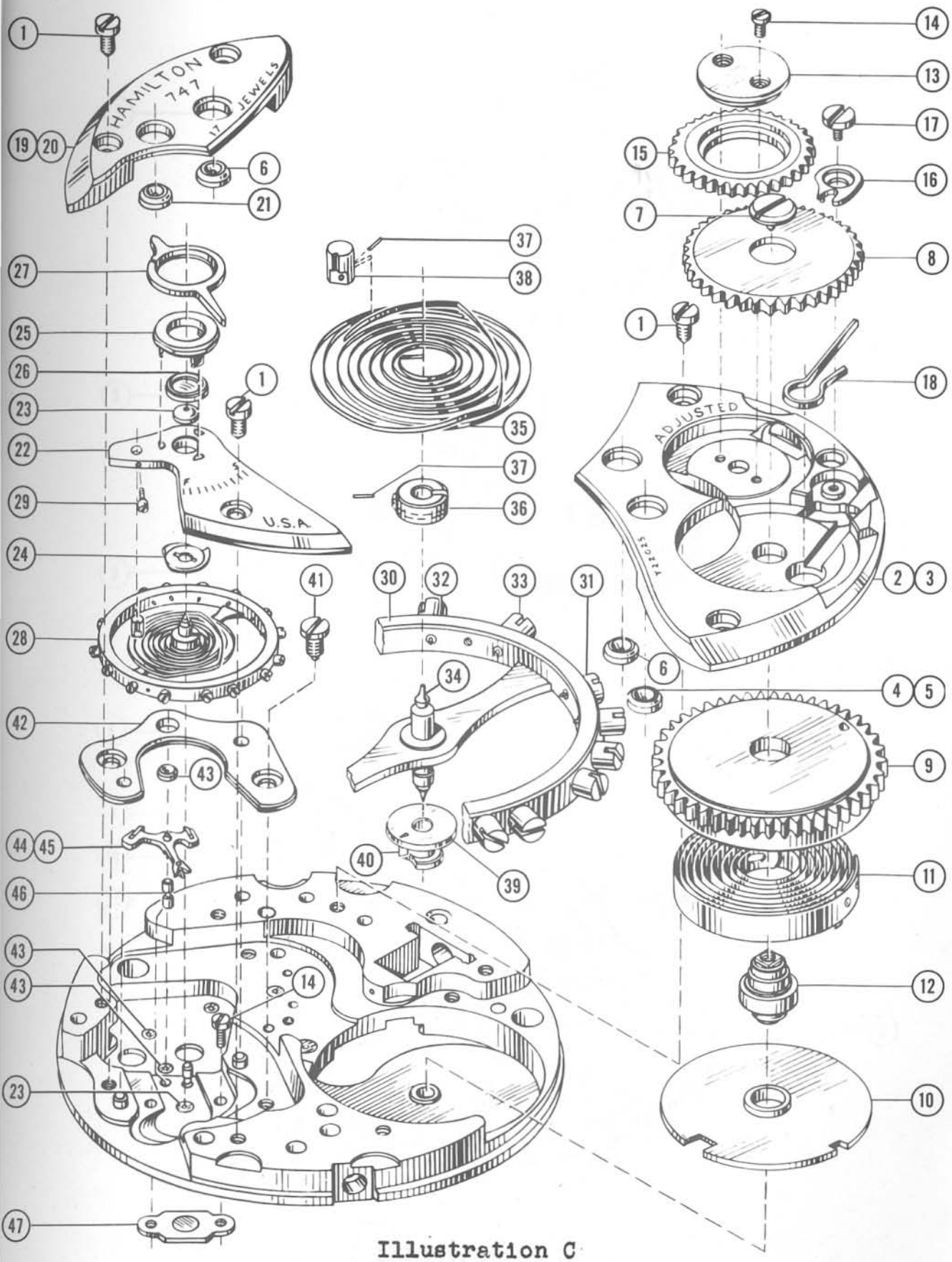


Illustration C

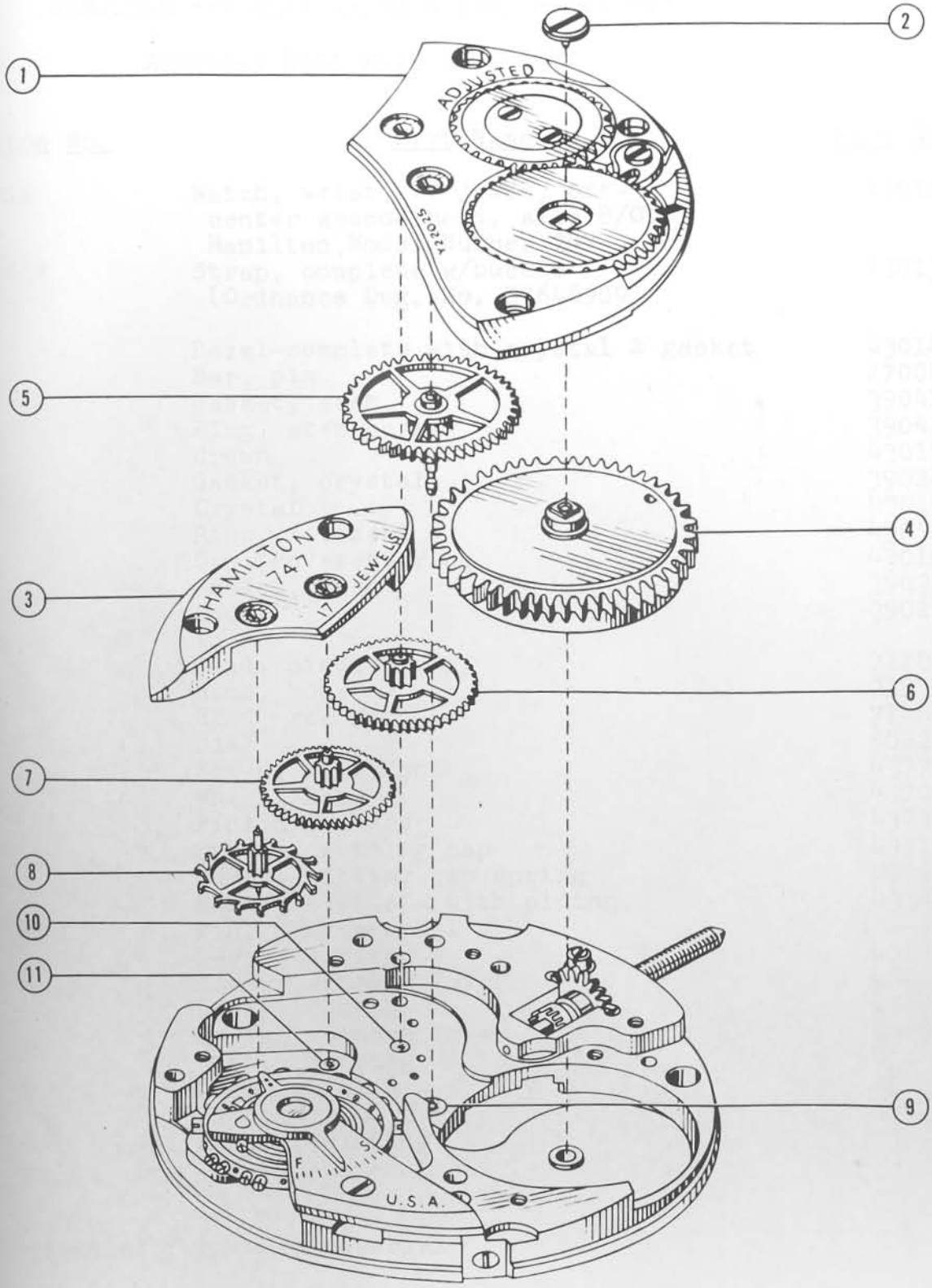


Illustration D

Illustration Index

HAMILTON 8/O SIZE WRIST WATCH, MODEL 747

Assembly Unit Part No. 43011

Illustration No.	Part Name	Part No.
A-43011	Watch, wrist, 17 jewel, off-center second hand, size 8/O, Hamilton Model Number 747	43011
A-43013*	Strap, complete w/buckle (Ordnance Dwg. No. B7646909)	43013
A-1	Bezel-complete with crystal & gasket	43014
A-2	Bar, pin	27008
A-3	Gasket, stem	39041
A-4	Plug, stem screw	39042
A-5	Crown	43017
A-6	Gasket, crystal	39024
A-7	Crystal	43015
A-8	Ring, movement	43018
A-9	Cap, Movement ring	43016
A-10	Gasket, back	39031
A-11	Back	39022
B-1	Hand, minute	71284
B-2	Hand, hour	71279
B-3	Hand, second	71409
B-4	Dial	50222
B-5	Screw, dial foot	43774
B-6	Wheel, hour	43209
B-7	Pinion, cannon	43215
B-8	Spring, setting cap	43513
B-9	Screw, setting cap spring	43768
B-10	Wheel, minute - with pinion	43345
B-11**	Pin, minute wheel	---
B-12	Lever, setting	43608
B-13	Screw, setting lever	43249
B-14	Lever, clutch	43602
B-15	Spring, clutch lever	43603
B-16	Wheel, setting	43246
B-17	Stem, winding	43231
B-18	Clutch	43232
B-19	Pinion, winding	43228

* Government furnished material

** Not procurable

Illustration Index

HAMILTON 8/0 SIZE WRIST WATCH, MODEL 747

Assembly Unit Part No. 43011

Illustration No.	Part Name	Part No.
C-1	Screw, bridge or balance cock	43760
C-2*)		---
C-3*)	Bridge, barrel	---
C-4)		412
C-5)	Jewel, center upper	
C-6	Jewel, third or fourth upper	342
C-7	Screw, ratchet wheel	43766
C-8	Wheel, ratchet	43236
C-9)		
C-10)	Barrel - complete with cap	43335
C-11	Mainspring (see alphabetical parts list)	---
C-12	Arbor, barrel	43213
C-13	Hub, winding wheel	43607
C-14	Screw, winding wheel hub or balance lower endstone cap	43803
C-15	Wheel, winding	43229
C-16	Click	43600
C-17	Screw, click	43773
C-18	Spring, click	43601
C-19*)		
C-20*)	Bridge, train	---
C-21	Jewel, escape upper	341
C-22*	Cock, balance	---
C-23	Jewel, balance upper or lower	421
C-24	Cam, balance upper endstone cap retaining	43192
C-25)	Cap, balance upper endstone--	
C-26)	complete with jewel	43193
C-27	Regulator - complete with pins	43339
C-28	Balance and hairspring assembly	43000
C-29	Screw, hairspring stud	43770
C-30*	Wheel, balance (see alphabetical parts list)	---
C-31)		---
C-32)	Screw, balance (see alphabetical	---
C-33)	parts list)	---
C-34	Staff, balance	43224

*Not procurable

Illustration Index

HAMILTON 8/0 SIZE WRIST WATCH, MODEL 747

Assembly Unit Part No. 43011

Illustration No.	Part Name	Part No.
C-35	Spring, hair (see alphabetical parts list)	---
C-36	Collet, hairspring	14105
C-37*	Pin, collet or hairspring stud	---
C-38	Stud, hairspring	32606
C-39	Roller, double-complete with jewel pin	32133
C-40	Jewel, roller	32106
C-41	Screw, pallet bridge	43768
C-42*	Bridge, pallet	---
C-43	Jewel, escape lower and pallet upper or lower	491
C-44) C-45)	Pallet - complete with stones and arbor	43132
C-46	Pin, banking	20638
C-47	Cap, balance lower endstone-- complete with jewel	43195
D-1*	Bridge, barrel	---
D-2	Screw, ratchet wheel	43766
D-3*	Bridge, train	---
D-4	Barrel with arbor (see alphabetical parts list)	---
D-5	Wheel, center - with pinion	43341
D-6	Wheel, third - " "	43342
D-7	Wheel, fourth - " "	43343
D-8	Wheel, escape - " "	43344
D-9	Jewel, center lower	277
D-10	Jewel, third "	307
D-11	Jewel, fourth "	308

* Not procurable

Numerical Parts List

HAMILTON 8/O SIZE WRIST WATCH, MODEL 747

Assembly Unit Part No. 43011

Part No.	Alpha. List on Page No.	Part No.	Alpha. List on Page No.	Part No.	Alpha. List on Page No.
277	12	43018	14	43434	12
307	12	43107	12	43513	13
308	12	43108	12	43600	12
341	12	43132	12	43601	13
342	12	43192	12	43602	12
412	12	43193	12	43603	13
421	12	43195	12	43607	12
491	12	43209	13	43608	12
14105	12	43213	12	43741	13
20638	12	43215	12	43742	13
27008	14	43220	12	43743	13
32106	12	43222	12	43744	13
32133	13	43224	13	43745	13
32606	13	43228	12	43746	13
39022	14	43229	13	43747	13
39024	14	43231	13	43748	13
39031	14	43232	12	43749	13
39041	14	43236	13	43750	13
39042	14	43246	13	43760	13
43000	12	43249	13	43766	13
43002	13	43335	12	43768	13
43003	13	43339	13	43770	13
		43341	13	43773	13
43012	14	43342	13	43774	13
43013	14	43343	13	43803	13
43014	14	43344	13	50222	12
43015	14	43345	13	71279	12
43016	14	43432	12	71284	12
43017	14	43433	12	71409	12

Alphabetical Parts List

HAMILTON 8/0 SIZE WRIST WATCH, MODEL 747

Assembly Unit Part No. 43011

Movement Components

Part Name	Part No.	Illustration Index No.
Arbor, barrel	43213	C-12
Arbor, pallet	43222	
Balance and hairspring assembly	43000	C-28
Barrel - complete with cap	43335	C-9,10
Cam, balance upper endstone cap retaining	43192	C-24
Cap, balance lower endstone - complete with jewel	43195	C-47
Cap, balance upper endstone - complete with jewel	43193	C-25,26
Click	43600	C-16
Clutch	43232	B-18
Collet, hairspring	14105	C-36
Dial	50222	B-4
Hand, hour	71279	B-2
Hand, minute	71284	B-1
Hand, second	71409	B-3
Hub, winding wheel	43607	C-13
Jewel, center upper	412	C-4,5
Jewel, center lower	277	D-9
Jewel, third or fourth upper	342	C-6
Jewel, third lower	307	D-10
Jewel, fourth lower	308	D-11
Jewel, escape upper	341	C-21
Jewel, escape lower and pallet upper or lower	491	C-43
Jewel, balance upper or lower	421	C-23
Jewel, roller	32106	C-40
Stone, pallet, receiving	43108	
Stone, pallet, discharging	43107	
Lever, clutch	43602	B-14
Lever, setting	43608	B-12
Mainspring - complete with brace		C-11
-.085 mm. th.	43432	
-.090 " " (std.)	43433	
-.095 " "	43434	
Pallet - complete with stones and arbor	43132	C-44,45
Pin, banking	20638	C-46
Pinion, cannon	43215	B-7
Pinion, escape	43220	
Pinion, winding	43228	B-19

Alphabetical Parts List

HAMILTON 8/0 SIZE WRIST WATCH, MODEL 747

Assembly Unit Part No. 43011

Movement Components

Part Name	Part No.	Illustration Index No.
Regulator - complete with pins	43339	C-27
Roller, double - complete with jewel	32133	C-39,40
Screw, balance wheel 0.80-0.90 mg.wt.	43741	C-31,32,33
" " " 0.90-1.00 " "	43742	
" " " 1.00-1.10 " "	43743	
" " " 1.10-1.20 " "	43744	
" " " 1.20-1.30 " "	43745	
" " " 1.30-1.40 " "	43746	
" " " 1.40-1.50 " "	43747	
" " " 1.50-1.60 " "	43748	
" " " 1.60-1.70 " "	43749	
" " " 1.70-1.80 " "	43750	
Screw, balance lower endstone cap	43803	C-14
Screw, bridge or balance cock	43760	C-1
Screw, click	43773	C-17
Screw, dial foot	43774	B-5
Screw, hairspring stud	43770	C-29
Screw, pallet bridge	43768	C-41
Screw, ratchet wheel	43766	C-7
Screw, setting cap spring	43768	B-9
Screw, setting lever	43249	B-13
Screw, winding wheel hub	43803	C-14
Spring, click	43601	C-18
Spring, clutch lever	43603	B-15
Spring, setting cap	43513	B-8
Spring, hair, Elinvar Extra - with collet and stud attached	43002	C-35-38
Staff, balance	43224	C-34
Stem, winding	43231	B-17
Stud, hairspring	32606	C-38
Wheel, balance - complete with screws	43003	C-30-33
Wheel, center - with pinion	43341	D-5
Wheel, third - " "	43342	D-6
Wheel, fourth - " "	43343	D-7
Wheel, escape - " "	43344	D-8
Wheel, hour	43209	B-6
Wheel, minute - with pinion	43345	B-10
Wheel, setting	43246	B-16
Wheel, ratchet	43236	C-8
Wheel, winding	43229	C-15

Alphabetical Parts List

HAMILTON 8/0 SIZE WRIST WATCH, MODEL 747

Assembly Unit Part No. 43011

Case & Strap Components

Part Name	Part No.	Illustration Index No.
Back	39022	A-11
Bar, pin	27008	A-2
Bezel - complete with crystal and gasket	43014	A-1,6,7
Cap, movement ring	43016	A-9
Case, movement - complete	43012	-
Crown	43017	A-5
Crystal	43015	A-7
Gasket, back	39031	A-10
Gasket, crystal	39024	A-6
Gasket, stem	39041	A-3
Plug, stem screw	39042	A-4
Ring, movement	43018	A-8
*Strap - complete w/buckle (Ordnance Dwg. No. B7646909)	43013	A-43013

*Government furnished material. Not procurable from Hamilton Watch Company