

Heathkit O-10 Parts List  
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PART No.	PARTS Per Kit	DESCRIPTION	PART No.	PARTS Per Kit	DESCRIPTION
<b>Sockets-Terminal Strips</b>			<b>Sheet Metal Parts</b>		
434-15	1	7-pin wafer socket	200-M71	1	Chassis
434-16	1	9-pin wafer socket	204-M77	1	Tube support bracket
434-45	3	7-pin molded socket	203-68F90	1	Panel
434-46	5	9-pin molded socket	206-M28	1	Top shield
434-41	1	12-pin wafer socket	206-M29	1	Bottom shield
434-22	1	Pilot lamp socket	204-M81	1	Left-hand bracket
431-1	1	1-lug terminal strip	204-M82	1	Right-hand bracket
431-2	2	2-lug terminal strip	204-M68	2	Angle bracket
431-10	1	3-lug terminal strip	207-M1	2	Tube clamp
431-12	1	4-lug terminal strip	90-25	1	Cabinet, w/cover plate
<b>Tubes-Lamp</b>			210-M1	1	Tube ring
411-65	1	1V2 tube	<b>Knobs+Binding Posts</b>		
411-49	1	5UP1 cathode ray tube	462-18	4	Skirtless knob
411-58	1	6AB4 tube	462-19	8	Skirted knob
411-71	1	6BQ7A tube	427-2	7	Binding post base
411-4	1	6C4 tube	100-M16B	5	Binding post cap, black
411-67	1	6CB6 tube	100-M16R	2	Binding post cap, red
411-64	1	6X4 tube	<b>Insulators</b>		
411-24	1	12AT7 tube	73-1	3	Grommet, 3/8"
411-25	2	12AU7 tube	73-2	2	Grommet, 3/4"
411-73	1	12BH7 tube	75-17	12	Insulator bushing
412-1	1	#47 pilot lamp	346-1	1	Length sleeving
<b>Hardware</b>			73-5	1	Cushion strip
250-2	18	3-48 x 3/8 machine screw	261-1	4	Rubber feet
250-25	2	4-40 x 5/32 machine screw	70-2	1	Banana plug sleeve, black
250-9	23	6-32 x 3/8 machine screw	70-3	1	Banana plug sleeve, red
250-29	2	6-32 x 3/4 machine screw	<b>Miscellaneous</b>		
250-18	4	8-32 x 3/8 machine screw	481-1	1	Condenser mounting wafer
250-19	2	10-24 x 3/8 machine screw	54-26	1	Power transformer
250-8	5	#6 x 3/8 sheet metal screw	85-6F88	1	Circuit board, front
250-43	12	8-32 x 1/4 set screw	85-7F89	1	Circuit board, rear
252-1	18	3-48 hex nut	211-1	1	Handle
252-3	32	6-32 hex nut	438-M8	2	Banana plug
252-4	4	8-32 hex nut	260-1	2	Alligator clip
252-7	13	Control hex nut	455-1	1	Pilot lamp bushing
252-12	1	Pilot lamp nut	413-1	1	Pilot lamp jewel
253-10	13	Flat control washer	414-2	1	Grid screen
254-1	23	6-32 lockwasher	595-95	1	Instruction manual
254-2	4	8-32 lockwasher			
254-4	11	Control lockwasher			
259-1	9	#6 solder lug			
259-10	2	Control solder lug			

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<b>Composition Resistors</b>			<b>Condensers, Mica</b>		
1-84	1	62 Ω 1/2 watt	20-1	1	47 μμf 500 volt
1-3	5	100 Ω 1/2 watt	20-43	1	390 μμf 500 volt
1-45	2	220 Ω 1/2 watt	31-12	1	Dual trimmer; 5-20 and 100-300 μμf
1-4	1	330 Ω 1/2 watt	<b>Condensers, Ceramic Disc</b>		
1-6	1	470 Ω 1/2 watt	21-5	1	20 μμf 600 volt
1-9	2	1 KΩ 1/2 watt	21-21	1	200 μμf 600 volt
1-90	1	2 KΩ 1/2 watt	21-36	2	0.002 μfd 600 volt
1-44	2	2.2 KΩ 1/2 watt	21-16	2	0.01 μfd 600 volt
1-89	1	2.4 KΩ 1/2 watt	21-31	1	0.02 μfd 600 volt
1-13	1	2.7 KΩ 1/2 watt	21-38	2	0.02 μfd 1600 volt (1.6 kv)
1-14	3	3.3 KΩ 1/2 watt	<b>Condensers, Electrolytic</b>		
1-46	2	3.9 KΩ 1/2 watt	25-32	1	40-20-20 μfd at 450 volt, 50 μfd at 300 volt
1-20	6	10 KΩ 1/2 watt	25-31	1	20-20-20 μfd at 250 volt
1-21	1	15 KΩ 1/2 watt	25-28	1	100 μfd 50 volt
1-22	1	22 KΩ 1/2 watt	25-19	1	20 μfd 150 volt
1-24	1	33 KΩ 1/2 watt	25-20	1	40 μfd 150 volt
1-88	1	36 KΩ 1/2 watt	<b>Controls-Switches</b>		
1-25	1	47 KΩ 1/2 watt	10-5	1	2 KΩ (Vert. Gain)
1-26	2	100 KΩ 1/2 watt	10-41	1	20 KΩ C.T. (Vert. Pos.)
1-27	1	150 KΩ 1/2 watt	10-11	1	50 KΩ (Hor. Gain)
1-87	1	330 KΩ 1/2 watt	10-40	1	100 KΩ (Sync. Amp.)
1-77	1	390 KΩ 1/2 watt	10-13	1	200 KΩ C. T. (Hor. Pos.)
1-33	1	470 KΩ 1/2 watt	10-14	1	250 KΩ (Phase)
1-35	2	1 megohm 1/2 watt	19-24	1	500 KΩ w/switch (Inten.)
1-37	1	2.2 megohm 1/2 watt	10-32	1	1 megohm (Spot Shape)
1-78	3	3.3 megohm 1/2 watt	10-39	2	2 megohm (Freq. Vernier and Focus)
1-71	1	4.7 megohm 1/2 watt	63-47	1	1 sec. 3 pos. wafer switch (Vert. Input)
1-40	2	10 megohm 1/2 watt	63-88	1	1 sec. 4 pos. wafer switch (Sync. Selector)
1-70	1	22 megohm 1/2 watt	63-87	1	1 sec. 7 pos. wafer switch Hor/Freq. Selector
1-2A	2	1 KΩ 1 watt	<b>Coils</b>		
1-3A	1	3.3 KΩ 1 watt	45-11	1	26 μh (green band)
1-27A	2	33 KΩ 1 watt	45-12	2	33 μh (orange band - resistor form)
1-28A	1	100 KΩ 1 watt	45-9	1	61 μh (red band)
1-30A	1	220 KΩ 1 watt	45-10	3	90 μh (blue band)
1-34A	1	1 megohm 1 watt	<b>Wire-Cable</b>		
1-37A	1	3.3 megohm 1 watt	340-2	1	length Bare wire
1-19B	1	1.2 KΩ 2 watt	344-1	1	length Hookup wire
1-1B	2	2.7 KΩ 2 watt	341-1	1	length Test lead wire, black
1-2B	1	4.7 KΩ 2 watt	341-2	1	length Test lead wire, red
1-4B	1	15 KΩ 2 watt	89-1	1	Line cord
<b>Wirewound Resistors</b>			100-50	1	Cable assembly
3-3E	1	1 KΩ 5 watt	347-2	1	300 Ω transmission line
3-4G	1	5 KΩ 7 watt	<b>Condensers, Tubular</b>		
<b>Condensers, Tubular</b>			23-59	2	0.05 μfd 200 volt
23-59	2	0.05 μfd 200 volt	23-28	5	0.1 μfd 200 volt
23-28	5	0.1 μfd 200 volt	23-58	1	0.2 μfd 200 volt
23-58	1	0.2 μfd 200 volt	23-33	1	0.01 μfd 400 volt
23-33	1	0.01 μfd 400 volt	23-61	1	0.05 μfd 400 volt
23-61	1	0.05 μfd 400 volt	23-63	2	0.25 μfd 400 volt
23-63	2	0.25 μfd 400 volt	23-11	1	0.1 μfd 600 volt
23-11	1	0.1 μfd 600 volt	23-62	2	0.1 μfd 1600 volt
23-62	2	0.1 μfd 1600 volt			