

PARTS LIST

The circled numbers in the Parts List are keyed to the numbers on the pictures of the parts to aid in parts identification. When checking the parts,

keep the GW-12 Transceiver and GWA-12-1 DC Power Supply parts separate as these kits will be assembled individually.

GW-12 TRANSCEIVER

PART No.	PARTS Per Kit	DESCRIPTION
----------	---------------	-------------

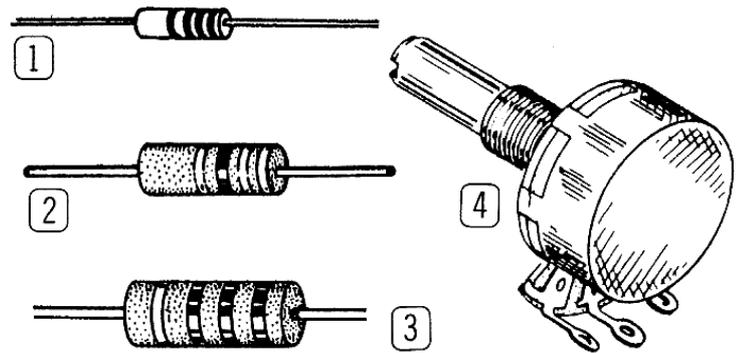
Resistors-Controls

① 1-3	1	100 Ω 1/2 watt (brown-black-brown)
1-11	1	1500 Ω 1/2 watt (brown-green-red)
1-14	1	3300 Ω 1/2 watt (orange-orange-red)
1-69	1	18 K Ω 1/2 watt (brown-gray-orange)
1-22	2	22 K Ω 1/2 watt (red-red-orange)
1-25	2	47 K Ω 1/2 watt (yellow-violet-orange)
1-47	1	56 K Ω 1/2 watt (green-blue-orange)
1-102	1	82 K Ω 1/2 watt (gray-red-orange)
1-26	4	100 K Ω 1/2 watt (brown-black-yellow)
1-30	2	270 K Ω 1/2 watt (red-violet-yellow)
1-31	1	330 K Ω 1/2 watt (orange-orange-yellow)
1-33	3	470 K Ω 1/2 watt (yellow-violet-yellow)
1-34	2	680 K Ω 1/2 watt (blue-gray-yellow)
1-35	1	1 megohm 1/2 watt (brown-black-green)
1-36	1	1.5 megohm 1/2 watt (brown-green-green)
1-37	2	2.2 megohm 1/2 watt (red-red-green)
1-38	1	3.3 megohm 1/2 watt (orange-orange-green)
1-40	1	10 megohm 1/2 watt (brown-black-blue)
② 1A-3	1	3300 Ω 1 watt (orange-orange-red)
1A-5	1	22 K Ω 1 watt (red-red-orange)
③ 1B-16	1	330 Ω 2 watt (orange-orange-brown)

PART No.	PARTS Per Kit	DESCRIPTION
----------	---------------	-------------

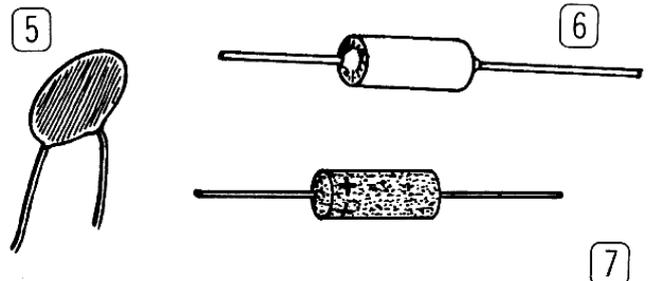
Resistors - Controls (cont'd)

1B-12	1	470 Ω 2 watt (yellow-violet-brown)
1B-3	1	10 K Ω 2 watt (brown-black-orange)
④ 10-12	1	100 K Ω control
19-26	1	1 megohm control with switch



Capacitors

⑤ 21-33	1	3.3 μf disc ceramic
⑥ 21-29	1	4.7 μf tubular ceramic
21-28	2	10 μf tubular ceramic
21-9	3	100 μf disc ceramic
21-14	1	.001 μf disc ceramic
21-36	7	.002 μf disc ceramic
21-16	8	.01 μf disc ceramic
21-81	1	.1 μf disc ceramic, 50 V
23-41	2	.01 μf tubular, 600 V
23-28	1	.1 μf tubular, 200 V
⑦ 25-54	1	10 μf electrolytic, 10 V
25-93	1	60-40-20-20 μf at 450-350-350-250 V electrolytic

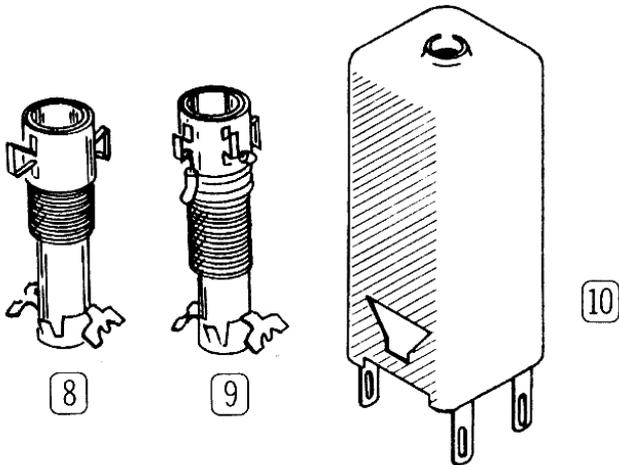




PART No.	PARTS Per Kit	DESCRIPTION
----------	---------------	-------------

Coils-Transformers

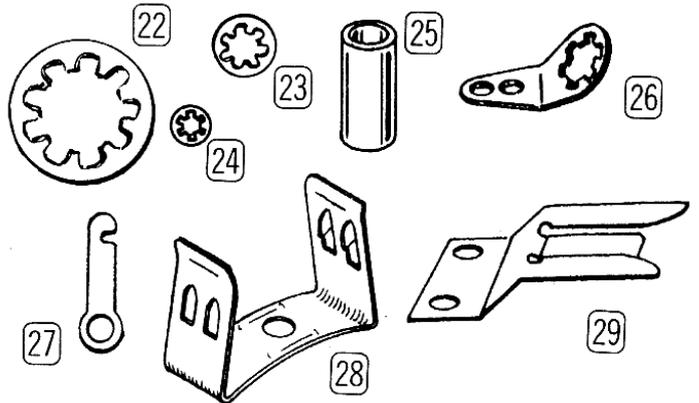
8	40-470	2	Oscillator coil
9	40-471	1	Transmitter tank coil
	51-94	1	Audio output-modulation transformer
10	52-38	1	IF input transformer
	52-39	1	IF output transformer
	54-34	1	Power transformer



PART No.	PARTS Per Kit	DESCRIPTION
----------	---------------	-------------

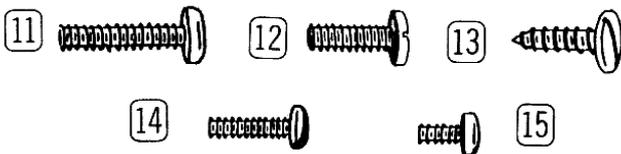
Hardware (cont'd.)

22	254-4	2	Control lockwasher
23	254-1	25	#6 lockwasher
24	254-7	17	#3 lockwasher
25	255-3	2	#6 x 3/8" spacer
26	259-1	1	#6 solder lug
27	259-6	1	#6 small solder lug
28	260-7	2	IF transformer mounting clip
29	260-33	1	Microphone mounting clip

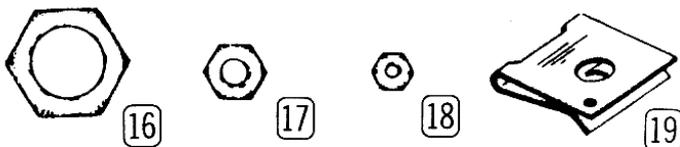


Hardware

11	250-26	2	6-32 x 5/8" screw
12	250-89	17	6-32 x 3/8" screw
13	250-8	8	#6 x 3/8" sheet metal screw
14	250-133	2	3-48 x 7/16" screw
15	250-49	14	3-48 x 1/4" screw



16	252-7	2	Control nut
17	252-3	17	6-32 nut
18	252-1	16	3-48 nut
19	252-22	4	6-32 speednut



20	253-10	2	5/8" control flat washer
21	253-42	6	1/2" flat washer



Wire-Sleeving

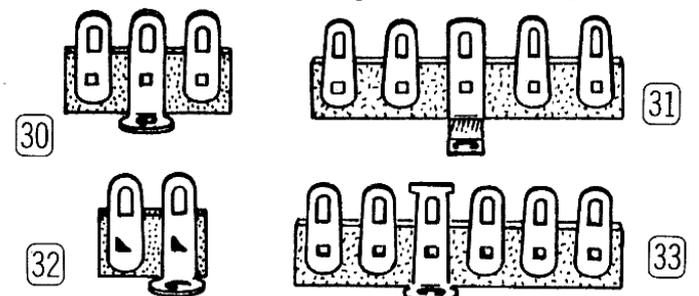
340-8	1	Length bare wire
343-6	1	Length shielded wire
344-1	1	Length hookup wire
346-1	1	Length sleeving, small black
346-2	1	Length sleeving, clear plastic

Tubes

411-60	1	6AQ5
411-64	1	6X4
411-68	1	6AN8
411-113	1	6BJ7
411-114	1	6AU8
411-124	1	6EA8
411-141	1	6BJ6

Terminal Strips-Plugs-Sockets

30	431-10	3	3-lug terminal strip
31	431-11	1	5-lug terminal strip
32	431-14	2	2-lug terminal strip
33	431-55	1	6-lug terminal strip



PART No.	PARTS Per Kit	DESCRIPTION
----------	---------------	-------------

PART No.	PARTS Per Kit	DESCRIPTION
----------	---------------	-------------

Terminal Strips-Plugs-Sockets

①	438-4	2	Phono plug
②	438-29	1	11-pin molded plug
③	434-37	3	7-pin socket
④	434-77	4	9-pin socket
⑤	434-42	1	Phono socket
⑥	434-74	2	Crystal socket
⑦	434-118	1	11-pin molded socket

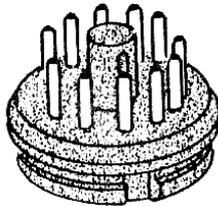
Miscellaneous

⑨	73-1	4	Rubber grommet
	89-1	1	Line cord
⑩	206-3	1	Tube shield
⑪	206-55	1	Tube shield base
⑫	207-5	1	Plastic clamp
⑬	209-37	1	Speaker grille
⑭	261-4	4	Rubber feet
	401-72	1	Speaker
	412-1	1	#47 lamp
⑮	435-1	1	Socket mounting ring
⑯	440-1	1	Socket cap
	462-159	2	Knob
	480-31	1	Microphone
⑰	481-1	1	Capacitor mounting wafer
	490-1	1	Alignment tool
	595-555	1	Manual
	597-122	1	FCC license packet
	390-113	1	Transmitter ID label
		1	Transmitter crystal
		1	Receiver crystal

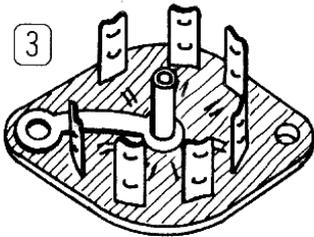
①



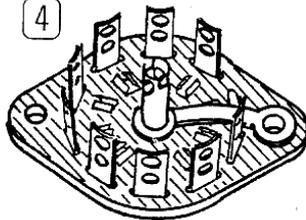
②



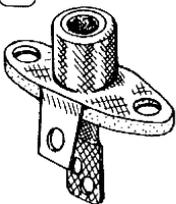
③



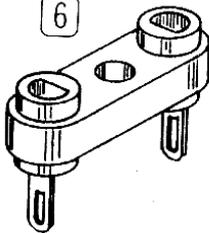
④



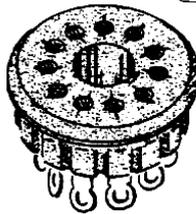
⑤



⑥



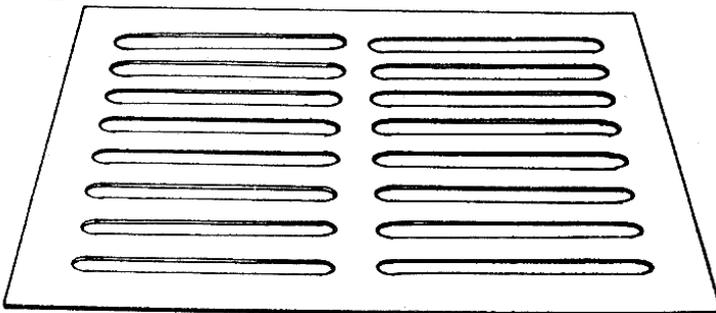
⑦



Metal Parts

90-M229F	1	Cabinet
200-M355	1	Chassis
203-M318F736	1	Front panel
⑧ 205-M373	1	Chassis bottom plate

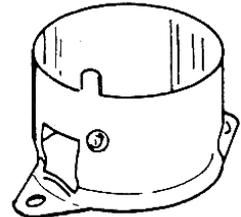
⑧



⑨



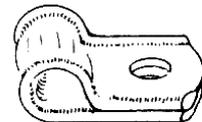
⑪



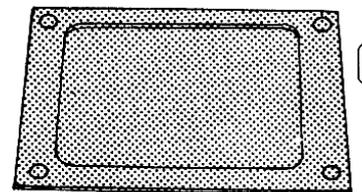
⑩



⑫



⑬



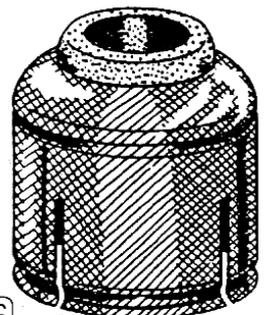
⑮



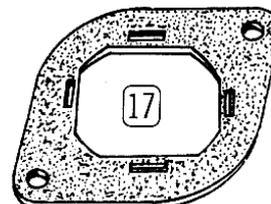
⑭



⑯



⑰





GWA-12-1 DC POWER SUPPLY

PART No.	PARTS Per Kit	DESCRIPTION
----------	---------------	-------------

Resistors-Capacitors

1B-25	1	43 Ω 2 watt resistor (yellow-orange-black-gold)
21-16	2	.01 μfd disc capacitor
23-56	2	.5 μfd tubular capacitor
23-96	1	.005 μfd capacitor, 1600 V

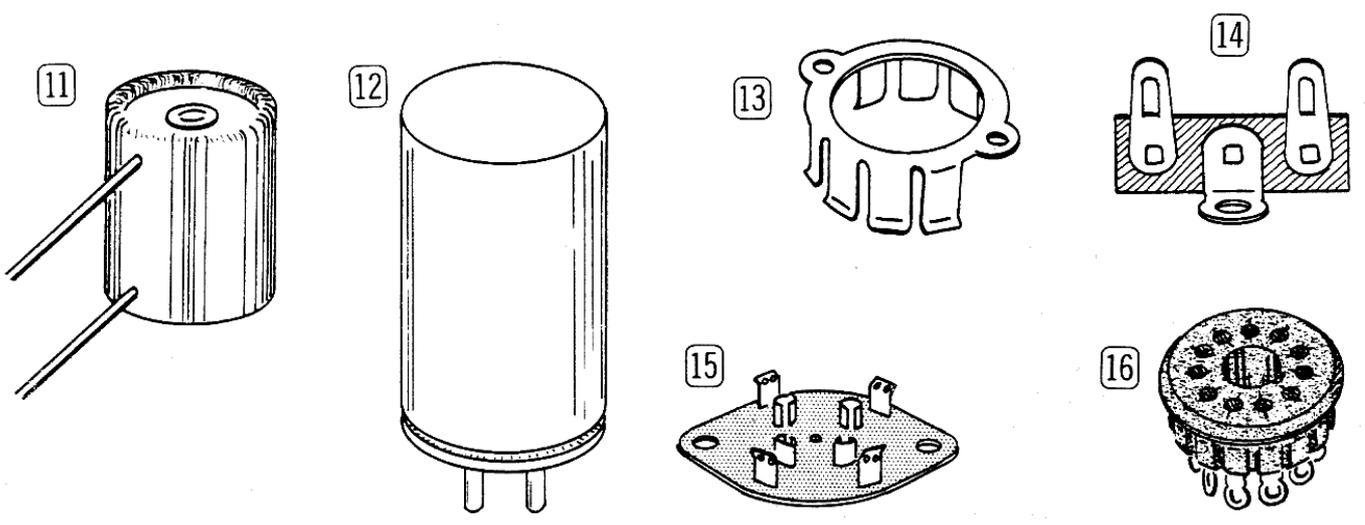
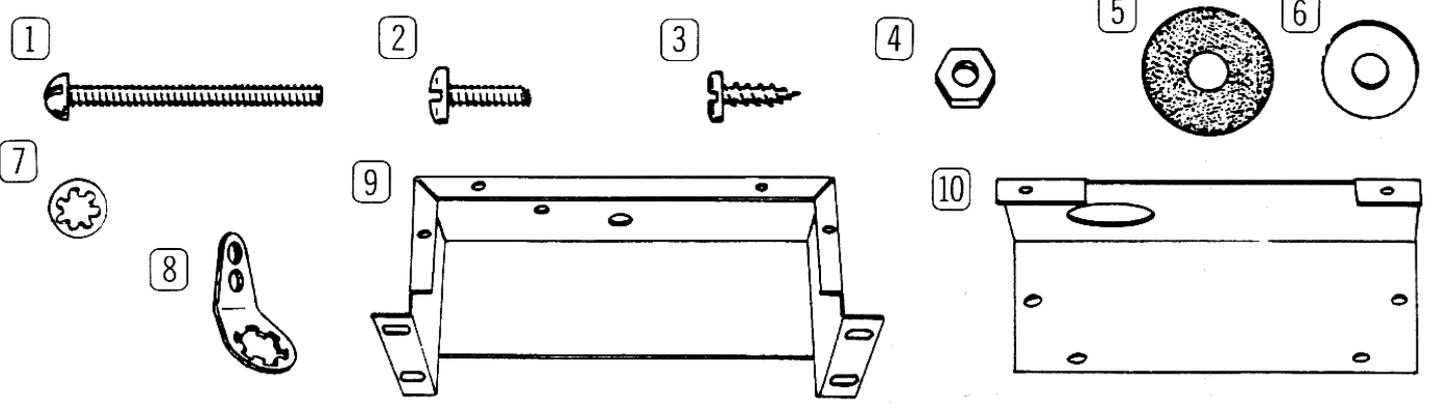
Hardware

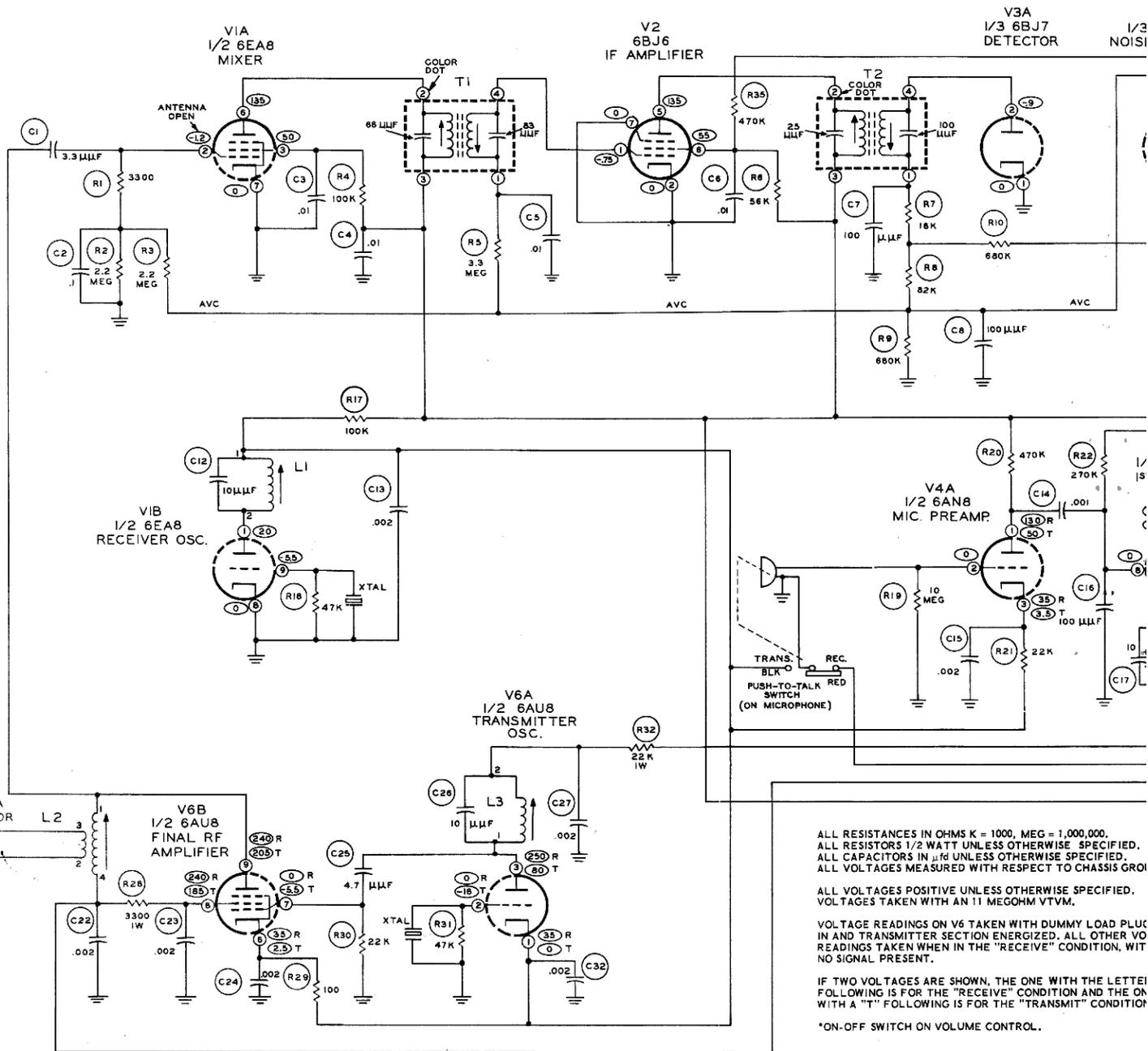
① 250-79	1	6-32 x 1-1/4" screw
② 250-89	5	6-32 x 3/8" screw
③ 250-8	10	#6 x 3/8" sheet metal screw
④ 252-3	6	6-32 nut
⑤ 253-6	3	Fiber washer
⑥ 253-42	2	1/2" flat washer
⑦ 254-1	6	#6 lockwasher
⑧ 259-1	3	#6 solder lug

PART No.	PARTS Per Kit	DESCRIPTION
----------	---------------	-------------

Miscellaneous

⑨ 200-M356F863	1	Chassis
⑩ 205-M374	1	Chassis bottom plate
⑪ 45-20	1	Choke
55-2	1	Vibrator transformer
⑫ 68-5	1	Vibrator
73-1	2	3/8" grommet
73-4	1	5/16" grommet
⑬ 207-6	1	Vibrator clamp
344-15	1	Length stranded wire
346-4	1	Length sleeving, large black
421-4	1	Fuse, 8 ampere
423-6	1	Fuse holder with leads
⑭ 431-2	1	2-lug terminal strip
⑮ 434-27	1	4-prong socket
⑯ 434-118	1	11-pin molded socket
435-1	1	Socket mounting ring





SCHEMATIC OF THE HEATHKIT® CITIZEN'S BAND TRANSCEIVER MODEL GW-12

