

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
C8	Ceramic NPO 1pF, 50V	.031-030-9-001
C13, 54, 55	Ceramic NPO 2pF, 50V	.031-030-9-002
C6, 11	Ceramic NPO 5pF, 50V	.031-030-9-003
C50	Ceramic NPO 7pF, 50V	.031-030-9-004
C17, 51	Ceramic NPO 10pF, 50V	.031-030-9-005
C36, 37, 41, 48	Ceramic N220 47pF, 50V	.030-088-9-002
C65	Ceramic N220 68pF	.020-088-9-001
C40, 47, 68, 69	Ceramic N220 100pF, 50V	.020-088-9-003
C105, 106	Ceramic N470 180pF, 50V	.020-088-9-005
C107, 108	Ceramic N750 470pF, 50V	.020-088-9-011
C81, 87, 103, 104	Ceramic YW 470pF, 50V	.020-088-9-006
C1, 4, 5, 7, 9	Ceramic YR 2200pF, 50V	.020-088-9-007
25, 34, 43, 61		
70, 78, 82, 88		
C2, 10, 12, 14, 16, 23		
29, 30, 31, 32, 33, 38		
39, 42, 49, 52, 53, 56		
57, 58, 59, 60, 64, 66		
90, 94, 95, 96, 97, 98		
99, 109, 110		
C26, 74, 75, 84	Ceramic YR 10000pF, 50V	.020-088-9-009
C63	Ceramic Variable 30pF, 50V	.020-088-9-010
C102	Mylar Film 6800pF, 50V	.025-060-9-002
C85	Mylar Film 0.01 μ F, 50V	.025-060-9-001
C18, 19, 24, 44, 77	Mylar Film 0.033 μ F, 50V	.025-060-9-003

COMPOSITE
499-032-9-001

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
K1	Relay 4C-2P	.441-006-9-001
M1	DC Ammeter 200 μ A	.320-035-9-001
MK1	Dynamic Microphone	.562-003-9-001
PL1, 3, 4	Indicator Lamp	.400-022-9-001
PL2	Indicator Lamp	.400-022-9-002
SP1	Speaker 2 $\frac{1}{2}$ " 0 Ohms	.580-009-9-001
U1	Ceramic Filter	.140-006-9-001
	Knob for channel switch	.751-082-9-001
	Knob for volume, delta tune and squelch	.751-082-9-002
	Channel indicator	.380-153-9-001
	Sub panel for volume and squelch	.754-015-9-001
	Sub panel for channel switch and delta tune	.254-015-9-002
	Speaker holder	.251-088-9-001
	Kit, Screws and nuts	.763-015-9-001
	Meter Holder	.251-089-9-001

NOTE: Standard value resistors and capacitors are not listed, values may be obtained from schematic diagram.

Minimum charge \$5.00 per invoice. Orders will be shipped C.O.D. unless previous open account arrangements have been made or remittance accompanies order. Advance remittance must cover postage or express charge.

Specify serial number when ordering replacement parts.

COBRA 28 PARTS LIST

530-028-0-000

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
MISCELLANEOUS		
K1	Relay 4C-2P	.441-006-9-001
M1	DC Ammeter 200 μ A	.320-035-9-001
MK1	Dynamic Microphone	.562-003-9-001
PL1, 3, 4	Indicator Lamp	.400-022-9-001
PL2	Indicator Lamp	.400-022-9-002
SP1	Speaker 2 $\frac{1}{2}$ " 0 Ohms	.580-009-9-001
U1	Ceramic Filter	.140-006-9-001
	Knob for channel switch	.751-082-9-001
	Knob for volume, delta tune and squelch	.751-082-9-002
	Channel indicator	.380-153-9-001
	Sub panel for volume and squelch	.754-015-9-001
	Sub panel for channel switch and delta tune	.254-015-9-002
	Speaker holder	.251-088-9-001
	Kit, Screws and nuts	.763-015-9-001
	Meter Holder	.251-089-9-001

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
RESISTORS, CONTROLS, AND THERMISTORS		
R102	Semi-Fixed 1K Ohms	.008-158-9-001
R48	Semi-Fixed 20K Ohms	.008-158-9-002
R19	Semi-Fixed 100K Ohms	.008-158-9-003
R73	Semi-Fixed 200K Ohms	.008-158-9-004
R51	Variable 5K Ohms	.008-158-9-005
R38	Variable 20K Ohms	.008-158-9-006
R88	Variable 50K Ohms	.008-158-9-007
R69	Thermistor D22A	.004-099-9-001
R49	Thermistor D33A	.004-099-9-002

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
CAPACITORS & TRIMMERS		
C8	Ceramic NPO 1pF, 50V	.031-030-9-001
C13, 54, 55	Ceramic NPO 2pF, 50V	.031-030-9-002
C6, 11	Ceramic NPO 5pF, 50V	.031-030-9-003
C50	Ceramic NPO 7pF, 50V	.031-030-9-004
C17, 51	Ceramic NPO 10pF, 50V	.031-030-9-005
C36, 37, 41, 48	Ceramic N220 47pF, 50V	.030-088-9-002
C65	Ceramic N220 68pF	.020-088-9-001
C40, 47, 68, 69	Ceramic N220 100pF, 50V	.020-088-9-003
C105, 106	Ceramic N470 180pF, 50V	.020-088-9-005
C107, 108	Ceramic N750 470pF, 50V	.020-088-9-011
C81, 87, 103, 104	Ceramic YW 470pF, 50V	.020-088-9-006
C1, 4, 5, 7, 9	Ceramic YR 2200pF, 50V	.020-088-9-007
25, 34, 43, 61		
70, 78, 82, 88		
C2, 10, 12, 14, 16, 23		
29, 30, 31, 32, 33, 38		
39, 42, 49, 52, 53, 56		
57, 58, 59, 60, 64, 66		
90, 94, 95, 96, 97, 98		
99, 109, 110		
C26, 74, 75, 84	Ceramic YR 10000pF, 50V	.020-088-9-009
C63	Ceramic Variable 30pF, 50V	.020-088-9-010
C102	Mylar Film 6800pF, 50V	.025-060-9-002
C85	Mylar Film 0.01 μ F, 50V	.025-060-9-001
C18, 19, 24, 44, 77	Mylar Film 0.033 μ F, 50V	.025-060-9-003

COMPOSITE
499-032-9-001

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
DIODES, TRANSISTORS, AND INTEGRATED CIRCUIT		
Q3	2SC784 Silicon NPN	.176-026-9-000
Q2	2SK19 FET	.182-009-9-001
Q8, 21	2SA495 PNP Silicon	.177-006-9-001
Q16	2SC735 NPN Silicon	.176-031-9-001
Q17	2SC482 NPN Silicon	.176-029-9-002
Q18	2SC517 NPN Power Silicon	.172-009-9-001
Q22, 23	2SC732 NPN Silicon	.176-031-9-002
Q24, 25, 27	2SD235 Power	.172-010-9-001
Q20, 28	2SA562 PNP Small Signal	.177-006-9-002
CD1, 5, 6, 11		
12, 16, 17		
22, 23, 24		
25, 26, 27		
28, 29, 30, 32		
CD2, 3		
CD4		
CD21, 31		
CD7		
CD13, 14, 15, 19, 20		
CD9, 10, 18		
CD8		

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
CAPACITORS & TRIMMERS (Continued)		
C3	Mylar Film 0.1 μ F, 50V	.025-060-9-000
C73, 91	Tantalum 33 μ F, 50V	.027-005-9-000
C100, 101	Electrolytic 1 μ F, 16V	.022-079-9-000
C15, 21, 27, 68	Electrolytic 3.3 μ F, 16V	.022-079-9-002
C35, 51, 71	Electrolytic 10 μ F, 16V	.022-079-9-003
C45	Electrolytic 33 μ F, 6.3V	.022-079-9-004
C28, 46, 83, 96	Electrolytic 33 μ F, 16V	.022-079-9-005
C92	Electrolytic 100 μ F, 19V	.022-079-9-006

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
COILS, CHOKES, AND TRANSFORMERS		
T1	RF Transformer L1640	.066-013-9-900
T2, 3	RF Transformer L1941	.066-013-9-902
T4, 5	RF Transformer L1943	.066-013-9-903
T6	IF Transformer D10764	.060-010-10-9-900
T7	IF Transformer D10765	.060-010-10-9-902
T8	IF Transformer D10766	.060-010-10-9-903
T9	IF Transformer D10753	.060-010-10-9-904
T10	RF Transformer L1645	.066-013-9-900
T11	RF Transformer L1644	.066-013-9-905
T12	RF Transformer L1503	.066-013-9-906
T13	RF Transformer L1504	.066-013-9-907
T14	RF Transformer L1500	.066-013-9-909
T15, 16	RF Transformer L1505	.066-013-9-909
T17	RF Transformer L1511	.066-013-9-910
T18	RF Transformer L1512	.066-013-9-901
T19	AF Driver Transformer	.068-005-9-901
T20	AF Output Transformer	.061-017-9-901
L1	Delta Tune L1646	.044-025-9-901
L2, 3	RF Choke Coil L1122	.042-009-9-901
L4	RF Output L1101	.044-025-9-902
IC1	TA7061P	.307-007-9-000

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
DIODES, TRANSISTORS, AND INTEGRATED CIRCUIT		
IC2	TA7062P	.307-007-9-000
Q1, 4, 5, 6, 7		
9, 10, 11, 12		
13, 14, 15, 19		
26, 29, 30, 31		
32, 33, 34, 35		
36, 37, 38, 39		
40, 41, 42, 43		
	2SC372 Silicon NPN	.176-029-9-900

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
SWITCHES		
S1, 2, 5, 6	Slide Switch 4C-2P	.084-023-9-001
S3	Rotary Switch 24 steps	.083-121-9-001