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Cobra 25 Parts List

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COBRA 25 PARTS LIST

488-095-9-002

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
RESISTORS & CONTROLS		
R 53	1Ω, 1w, 10% W.W. Resistor	006-001-6-010
R 54	4Ω, 1w, 10% W.W. Resistor	006-001-6-040
VR 1	20KΩ Trim Pot	008-114-9-001
VR 2	5KΩ Carbon Pot (SQUELCH)	008-112-9-001
VR 3, 4, 201	10KΩ Trim Pot	008-115-9-001
VR 6	100KΩ Trim Pot	008-116-9-001
VR 9	5KΩ Carbon Pot (VOLUME)	008-113-9-001
VR 202	Dual 5K Carbon Pot (SWR CAL.)	008-144-9-001
VR 203	500Ω Trim Pot	008-145-9-001
VR 204	5KΩ Trim Pot	008-146-9-001
VR 205	5KΩ Carbon Pot (S ZERO)	008-147-9-001
VR 206	50KΩ Carbon Pot (MIC. GAIN)	008-143-9-001
VR 301	200Ω Trim Pot	008-136-9-001

CAPACITORS & TRIMMERS

C1, 59, 102, 106	30 pfd, 50V, 10% Mica	023-005-9-001
C2, 3, 4, 8, 10, 11 12, 14, 18, 45, 47 55, 56, 57, 60, 61 63, 64, 65, 68, 71 73, 87, 88, 89, 90 91, 96, 105, 108 115, 119, 124, 125 126, 128, 204, 205 206, 207	.01 μfd, 50V, 20% Ceramic	020-054-9-001
C5	30 pfd, 50V, 10% N-330 Ceramic	020-055-9-001
C6, 103, 104, 116, 120	20 pfd, 50V, 10% Mica	023-006-9-001
C7, 113, 114	47 pfd, 50V, 10% Mica	023-007-9-001
C9	1.5 pfd, 50V, ±0.5 pfd Mica	023-008-9-001
C13	1500 pfd, 25V, 10% Styrol	030-007-9-001
C15, 16, 23, 35, 36, 37	.05 μfd, 50V, + 80%-20% Ceramic	020-056-9-001
C17, 32	2 pfd, 50V, ±0.5 pfd Mica	023-009-9-001
C19, 110	10 pfd, 50V, 10% Mica	023-010-9-001
C20, 46, 67, 122	.047 μfd, 50V, + 80%-20% Ceramic	020-057-9-001
C21, 22, 25, 69, 72, 86	.001 μfd, 50V, 20% Ceramic	020-058-9-001
C24	15 pfd, 50V, 10% Mica	023-011-9-001
C26, 27, 51	0.1 μfd, 50V, 20% Mylar	025-038-9-001
C28, 39	47 μfd, 15V, Electrolytic	022-046-9-001
C29, 31, 66	100 pfd, 50V, 10% Mica	023-012-9-001
C30	20 pfd, 50V, 10% N-750 Ceramic	020-059-9-001
C33, 34, 52, 54	10 μfd, 15V Electrolytic	022-044-9-001
C38, 44, 94, 202, 203	1 μfd, 15V Electrolytic	022-045-9-001
C40	.04 μfd, 50V, 20% Mylar	025-040-9-001
C41, 43, 49, 53, 129	200 μfd, 15V Electrolytic	022-047-9-001
C42	.001 μfd, 50V, 20% Ceramic	020-062-9-001

COMPOSITE
499-017-9-001

**SCHEMATIC
SYMBOL**

DESCRIPTION

**DYNASCAN
PART NO.**

CAPACITORS & TRIMMERS (Continued)

C50	.05 μ fd, 50V, 20% Mylar	025-041-9-001
C58	130 pfd, 50V, 10% Mica	023-013-9-001
C62	78 pfd, 50V, 10% Mica	023-014-9-001
C74, 95	170 pfd, 50V, 10% Mica	023-016-9-001
C75	220 pfd, 50V, 10% Mica	023-017-9-001
C77	1000 μ fd, 15V Electrolytic	022-048-9-001
C78	65 pfd, 50V, 10% Mica	023-015-9-001
C84, 85	.02 μ fd, 50V, 20% Mylar	025-039-9-001
C101, 111, 112	56 pfd, 50V, 10% Short Mica	023-019-9-001
C107	56 pfd, 50V, 10% Mica	023-020-9-001
C109	3 pfd, 50V, 10% Mica	023-023-9-001
C117	5 pfd, 50V, 10% Mica	023-021-9-001
C118	.024 pfd, 500V, 10% Gimmick	033-006-9-001
C121, 127	25 pfd, 50V, 10% N-220 Ceramic	020-061-9-001
C123	.051 pfd, 500V, 10% Gimmick	033-007-9-001
C130	22 pfd, 50V, 10% Mica	023-024-9-001
C201	0.5 μ fd, 50V, 10% Mylar	025-048-9-001
C301, 302	100 μ fd, 25V Electrolytic	022-056-9-001
C303	1000 μ fd, 35V Electrolytic	022-055-9-001
VC2	2-10 pfd Trimmer Capacitor	028-015-9-001
VC101, 102, 103	2-20 pfd Trimmer Capacitor	028-014-9-001

COILS, CHOKES, AND TRANSFORMERS

L2, 3	Receiver 1st Injection Coil	046-004-9-001
L4	Audio Low Pass Filter	042-007-9-001
L5	Xmit PA Tuning Coil	046-006-9-001
L6, 101, 102	33 Microhenry Coil	041-039-9-001
L7	2.2 Microhenry Coil	041-040-9-001
L8	Xmit PA Tuning Coil	044-019-9-001
L9	Antenna Coupling Coil	044-020-9-001
L10	Antenna Tuning Coil	044-021-9-001
L11	54 MHz Trap Coil	041-001-9-005
L103	23 Microhenry Coil	041-041-9-001
L104	6.8 Microhenry Coil	041-045-9-001
Y	27 MHz Synthesizer Coil	046-007-9-001
2Y	27 MHz Synthesizer Coil	046-008-9-001
T1	Transformer, Receiver Antenna	066-006-9-001
T2	Transformer, Receiver Amplifier	066-007-9-001
T3	Transformer, 1st IF. 10 MHz	060-004-9-001
T4	Transformer, 2nd IF. 455 KHz	060-005-9-001
T5, 6	Transformer, 2nd IF. 455 KHz	060-006-9-001
T7	Transformer, 2nd IF. 455 KHz	060-008-9-001
T8	Transformer, Audio Driver A-04	061-014-9-001
T9	Transformer, Audio Output E-03	061-015-9-001
T10	Transformer, Xmit Amplifier	066-008-9-001
T11	Transformer, Xmit Driver	066-009-9-001
T301	Transformer, Power	065-064-9-001
3Y	Transformer, Synthesizer 27 MHz	066-010-9-001
Z	Transformer, Synthesizer 27 MHz	066-011-9-001

**SCHEMATIC
SYMBOL**

DESCRIPTION

**DYNASCAN
PART NO.**

DIODES, TRANSISTORS, AND INTEGRATED CIRCUITS

D1, 2, 3, 4, 5, 6, 11, 15, 201, 202, 203	Diode, Germanium IN3YA	150-001-9-007
D7	Diode, Silicon	151-021-9-001
D8, 9	Diode, Zener	152-012-9-001
D10	Diode, Silicon	151-022-9-001
D101	Diode, Silicon	151-024-9-001
D301	Diode, Zener, 6 Volt	152-019-9-001
D302, 303	Diode, Silicon	151-018-9-001
Q1, 3, 4, 101, 102, 103, 104	Transistor, NPN Silicon Signal	176-014-9-001
Q2	Transistor, Field Effect	182-009-9-001
Q5, 6, 7, 8, 9	Transistor, NPN Silicon Signal	176-016-9-001
Q10	Transistor, NPN Germanium Signal	174-002-9-001
Q11	Transistor, NPN Silicon Signal	176-017-9-001
Q12, 13	Transistor, NPN Silicon Power	172-006-9-001
Q14	Transistor, NPN Silicon Signal	176-018-9-001
Q15	Transistor, NPN Silicon Power	172-007-9-001
Q16	Transistor, NPN Silicon Power	172-008-9-001
Q301	Transistor, PNP Germanium Power	171-015-9-001
Q302	Transistor, PNP Germanium Signal	175-006-9-001
Q303	Transistor, PNP Germanium Signal	175-007-9-001
IC1	Integrated Circuit, μ A 703A	307-001-9-001

CRYSTALS

X1	Crystal, 9.545 MHz	132-003-9-001
X2	Crystal, 9.555 MHz	132-003-9-002
X3	Crystal, 9.565 MHz	132-003-9-003
X4	Crystal, 9.585 MHz	132-003-9-004
X5	Crystal, 16.965 MHz	132-003-9-005
X6	Crystal, 17.015 MHz	132-003-9-006
X7	Crystal, 17.065 MHz	132-003-9-007
X8	Crystal, 17.115 MHz	132-003-9-008
X9	Crystal, 17.165 MHz	132-003-9-009
X10	Crystal, 17.215 MHz	132-003-9-010
X11	Crystal, 10.000 MHz	132-003-9-011
X12	Crystal, 10.010 MHz	132-003-9-012
X13	Crystal, 10.020 MHz	132-003-9-013
X14	Crystal, 10.040 MHz	132-003-9-014

SWITCHES

S2	Switch, Rotary, 4PDT	083-105-9-001
S3, 4	Switch, Rocker, DPDT	093-008-9-001
S101	Switch, Rotary, 23 Position	083-084-9-001
S102	Switch, Rotary, 3 Position	083-106-9-001

**SCHEMATIC
SYMBOL**

DESCRIPTION

**DYNASCAN
PART NO.**

MISCELLANEOUS

FIL1	Filter, Ceramic LFB-8	140-005-9-001
F1	Fuse, 1.5 amp, 3 AG, 250V	191-002-9-001
M1	Meter, PWR/S	320-029-9-001
M2	Meter, SWR/MOD	320-030-9-001
PL1, 2, 3, 4, 5	Lamp, 16 Volt, 40 ma	400-017-9-001
RL1	Relay, 4PDT	441-005-9-001
SP1	Speaker, 8Ω, 1 watt	580-007-9-001
J1	Antenna Connector	772-002-9-001
J2	PA Speaker Jack, RCA Phone Type	773-020-9-001
J3	Ext. Speaker Jack	773-030-9-001
J4	Microphone Socket 4P 16	771-012-9-001
	Microphone Connector 4P 16	770-013-9-001
	Knob, Channel Selector	751-072-9-001
	Knob, Control	751-073-9-001
	Case	272-075-9-001
	Instruction Manual	480-106-9-001
	Carton	500-165-9-001
	Fillers (2 required)	503-049-9-001

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

Minimum charge \$2.00 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.