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Cobra 21 Parts List

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PARTS LIST FOR COBRA 21

SCHEMATIC SYMBOL	DESCRIPTION	DYNASCAN PART NO.
TRANSISTORS, DIODES		
TR-1,2	2SC394(Y)	176-042-9-001
TR-3,4,5,12	2SC372(O)	
TR-10,11,15,16,17	2SC372(O)	176-042-9-002
TR-6,14	2SC372(Y)	176-042-9-003
TR-7	2SC733(Y)	176-042-9-004
TR-8,9	2SC1173(Y)	172-014-9-001
TR-13	2SC373	176-025-9-001
TR-18	2SC756-2-4	172-014-9-002
TR-19	2SC1226A(P)	176-042-9-005
TR-20	2SC735(O)	176-042-9-006
D-1	CD37A	151-040-9-001
D-6	CD37	151-040-9-002
D-3,4,5,10,11,30	IN60	150-001-9-005
D-8	CZ-092	152-044-9-001
D-9	SR1K-1	151-040-9-003
D-2	WG713	150-009-9-001
TH	TD5-A-130	
D-7	MV-1	004-150-9-001

COILS, TRANSFORMERS

L-1	TC-71096, 14 MHz Trap Coil	LD-018	041-056-9-001
L-2,3,11	LF1 2R2K, Micro Inductor		041-056-9-002
L-4	115C Line Filter Choke Coil	TF-017	044-028-9-006
L-5,6	TC-71095, Power RF Choke Coil	LD-027	042-011-9-001
L-7	TC-71024, TVI Trap Coil	LE-018	041-056-9-003
L-8	NS-1344, Antenna Filter Coil	LE-006	044-028-9-001
L-9	TC-71025, TX Matching Coil	LC-019	044-028-9-002
L-10	TC-71029, TX Final Coil	LD-012	044-028-9-003
L-12	TC-71023, TX Driver Coil	LC-017	044-028-9-004
L-13	TC-71026, TX Pre-driver Coil	LC-020	044-028-9-005
T-1	TKXN-22160BU, RX Antenna Coil ...	LA-029	066-017-9-001
T-2	TKXC-22534BU, RX RF Amplifier Coil	LA-041	066-017-9-002
T-3	TKAC-22536IE, 1st IFT	LA-043	060-016-9-001
T-4	TKAC-21165A, 1st IFT	LA-019	060-016-9-002
T-5	YLN-20844BM, 2nd IFT	LA-073	060-016-9-003
T-6,7	YMC-20845AC, 2nd IFT	LA-039	060-016-9-004
T-8	YMC-20846AC, 2nd IFT	LA-040	060-016-9-005
T-9	69M, AF Input Transformer	TF-011	061-022-9-001
T-10	N28-7518BM, AF Output Transformer	TF-038	061-022-9-002
T-11	KXC-23169F, 23 MHz OSC Coil	LA-046	066-017-9-003
T-12,13	KXC-23170Z, 38MHz Filter Coil	LA-047	066-017-9-004
T-14	TKXC-22535BM, 38MHz Filter Coil ..	LA-042	066-017-9-005
T-15,16	KXN-13638HM, TX 27 MHz Filter Coil	LA-009	066-017-9-006
T-17	KXN-13636BM, TX 27 MHz Filter Coil	LA-008	066-017-9-007

COMPOSITE
499-047-9-001

**SCHEMATIC
SYMBOL**

**DESCRIPTION
CRYSTALS**

**DYNASCAN
PART NO.**

Crystal, 23.290 MHz. HC-25/U	133-004-9-001
Crystal, 23.340 MHz. HC-25/U	133-004-9-002
Crystal, 23.390 MHz. HC-25/U	133-004-9-003
Crystal, 23.440 MHz. HC-25/U	133-004-9-004
Crystal, 23.490 MHz. HC-25/U	133-004-9-005
Crystal, 23.540 MHz. HC-25/U	133-004-9-006
Crystal, 14.950 MHz. HC-25/U	133-004-9-007
Crystal, 14.960 MHz. HC-25/U	133-004-9-008
Crystal, 14.970 MHz. HC-25/U	133-004-9-009
Crystal, 14.990 MHz. HC-25/U	133-004-9-010
Crystal, 11.275 MHz. HC-25/U	133-004-9-011
Crystal, 11.730 MHz. HC-25/U	133-004-9-012

RESISTORS, CONTROLS

VR-1	Semi-fixed, 30 K ohms 2P6BM	008-187-9-005
VR-2	Variable, 50 K ohms B 16 \varnothing	008-187-9-003
VR-3	Semi-fixed, 50 K ohms 2P6BM	008-187-9-004
VR-4/S-1	Variable, 10 K ohms A 16 \varnothing w/3W	008-187-9-001
VR-5	Variable, 10 K ohms A 16 \varnothing	008-187-9-002
VR-6.7	Semi-fixed, 20 K ohms 2P6BM	008-187-9-006
R-1,12,201	Carbon Fixed, 2.2 K ohms 1/4W	002-104-5-222
R-2	Carbon Fixed, 330 ohms 1/4W	002-104-5-331
R-3,8,11,37	Carbon Fixed, 150 ohms 1/4W	002-104-5-151
R-4,44,70,79	Carbon Fixed, 10 K ohms 1/4W	002-104-5-103
R-5,76	Carbon Fixed, 56 ohms 1/4W	002-104-5-560
R-6,28,31,40,48, 58,62,66	Carbon Fixed, 5.6 K ohms 1/4W	002-104-5-562
R-7,10,29,35,45	Carbon Fixed, 1K ohm 1/4W	002-104-5-102
R-9,19	Carbon Fixed, 6.8 K ohms 1/4W	002-104-5-682
R-13	Carbon Fixed, 27 K ohms 1/4W	002-104-5-273
R-14,17,77	Carbon Fixed, 680 ohms 1/4W	002-104-5-681
R-16,45,69	Carbon Fixed, 47 K ohms 1/4W	002-104-5-473
R-18,27,33,59	Carbon Fixed, 22 K ohms 1/4W	002-104-5-223
R-20,39,52	Carbon Fixed, 33 K ohms 1/4W	002-104-5-333
R-21,80	Carbon Fixed, 39 K ohms 1/4W	002-104-5-393
R-22,24,25	Carbon Fixed, 100 K ohms 1/4W	002-104-5-104
R-23	Carbon Fixed, 470 K ohms 1/4W	002-104-5-474
R-30	Carbon Fixed, 4.7 K ohms 1/4W	002-104-5-472
R-32	Carbon Fixed, 220 K ohms 1/4W	002-104-5-224
R-34,41,42,46, 50,64,68,78	Carbon Fixed, 100 ohms 1/4W	002-104-5-101
R-36	Carbon Fixed, 68 ohms 1/4W	002-104-5-680
R-38	Metal Fixed, 0.5 ohms 1/2W	004-123-9-001
R-47	Carbon Fixed, 470 ohms 1/4W	002-104-5-471
R-49,61,65	Carbon Fixed, 15 K ohms 1/4W	002-104-5-153
R-55	Carbon Fixed, 1.5 K ohms 1/4W	002-104-5-152
R-53	Carbon Fixed, 3.9 K ohms 1/4W	002-104-5-392
R-15	Carbon Fixed, 8.2 K ohms 1/4W	
R-71	Carbon Fixed, 47 ohms 1/4W	
R-202	Carbon Fixed, 4.7K ohms 1/4W	

**SCHEMATIC
SYMBOL**

DESCRIPTION

**DYNASCAN
PART NO.**

RESISTORS, CONTROLS (Continued)

R-60,63,67,72	Carbon Fixed, 220 ohms 1/4W	002-104-5-221
R-74	Solid Fixed, 100 ohms 1/2W	001-102-6-101
R-75	Solid fixed, 1 K ohm 1/2W	001-102-6-102
R-81	Metal Fixed, 12 ohms 2W	001-002-6-120

CAPACITORS

C-1,90	Ceramic, 33pF 50V	020-109-9-001
C-2,3,5,6,24,41, 42,44,51,54, 63,66,69,72, 78,83,89,91, 101,109,115,207	Ceramic, 0.01 μ F 50V	020-109-9-002
C-4,17,47,74	Ceramic, 3pF 50V	020-109-9-003
C-8,71,99	Ceramic, 150pF 50V	020-109-9-004
C-10,15,18,86, 88,92,93,96, 97,100,104	Ceramic, 0.04 μ F 50V	020-109-9-005
C-11	Ceramic, 1pF 50V	020-109-9-006
C-14	Ceramic, 500pF \pm 10% N1200	030-020-9-001
C-7,12,13,20	Mylar-film, 0.01 μ F 50V	025-074-9-005
C-16,21,36,37	Mylar-film, 0.04 μ F 50V	025-074-9-006
C-19,45,46,76	Ceramic, 2pF 50V	020-109-9-007
C-22	Electrolytic, 47 μ F 10WV	022-099-9-001
C-23,39,70,73, 84,95	Ceramic, 100pF 50V	020-109-9-008
C-25,32,53,56	Electrolytic, 10 μ F 10WV	022-099-9-002
C-26	Ceramic, 0.002 μ F 50V	020-109-9-017
C-28,29,52,79	Electrolytic, 1 μ F 16WV	022-099-9-003
C-30,34	Electrolytic, 100 μ F 10WV	022-099-9-004
C-31,57,59,104, 105,106	Ceramic, 0.005 μ F 50V	020-109-9-009
C-35,55	Electrolytic, 100 μ F 16WV	022-099-9-005
C-33,38,60	Mylar, 0.1 μ F 50V	025-074-9-002
C-40,75	Ceramic, 5pF 50V	020-109-9-010
C-43,67,85,98, 102	Ceramic, 47pF 50V	020-109-9-011
C-49	Ceramic, 10pF 50V	020-109-9-012
C-48,62,65,87	Ceramic, 220pF 50V	020-109-9-013
C-50,61,64	Ceramic, 470pF 50V	020-109-9-014
C-58	Mylar, 0.001 μ F 50V	025-074-9-003
C-68	Ceramic, 25pF 50V	020-109-9-015
C-77	Ceramic, 0.1 μ F 50V	020-109-9-016
C-80	Electrolytic, 470 μ F 16WV	022-099-9-006
C-81,82	Mylar, 0.2 μ F 50V	025-074-9-004
C-27	Electrolytic, 0.47 μ F 16 V	
C-94	Ceramic, 250pF 50V	
C-203,206	Electolytic, 10 μ F 16WV	
C-204	Electolytic, 1 μ F 50WV	

**SCHEMATIC
SYMBOL**

DESCRIPTION

**DYNASCAN
PART NO.**

SWITCHES

S-2	Rotary Switch, Channel Selector	083-143-9-001
S-3,4	Slide Switch, P.A./A.N.L. SL-2-2-2-13 ...	084-031-9-001

MISCELLANEOUS

Ceramic Filter, LF-B6	140-009-9-001
Crystal Socket, S-D0105	749-079-9-001
Antenna Connector, M-R inch size	772-025-9-001
Microphone Jack, SM-144 (4-P)	773-045-9-001
Microphone Plug, SM-144 (4-P)	775-022-9-001
Speaker, 10P03S 8 ohms 2W	580-013-9-001
Meter, A-39	320-045-9-001
Microphone, 22-115-45 w/hanger	562-006-9-001
Fuse Holder, RF-104	742-018-9-001
Fuse, 1 5 amp.	191-002-9-001
Printed Circuit Board No. 138101	302-136-9-001
Pilot Lamp, 14V 30mA Meter/Channel ..	400-027-9-001
Strain Relief Bushing, SR-3P-4	380-176-9-001
Lug Terminal, T-41	757-011-9-001
Lug Terminal, N-60	757-011-9-002
Jack, SJ-296 3.5ø	773-045-9-002
Metal Cabinet (top)	253-027-9-001
Metal Cabinet (bottom)	252-008-9-001
Mounting Bracket	250-043-9-001
Front Panel (ABS)	255-104-9-001
Heat-sink	747-018-9-001
Heat-sink	747-018-9-002
Rubber Washer for Bracket	347-050-9-001
Screw for Bracket	634-044-9-001
Front Plate	260-043-9-001
Channel Disk	380-176-9-002
Channel Knob	751-095-9-001
Volume & Squelch Knob	751-095-9-002
Mike gain Control Knob	751-095-9-003
FCC Plate	600-017-9-001
Mike Plate	600-018-9-001
Speaker Nut	769-063-9-001
Instruction Booklet	480-134-9-001
Display Box	570-219-9-001
Styrofoam Box	503-067-9-001
FCC Application Form	492-041-9-001
Schematic & Parts List	499-047-9-001

NOTE: 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.