

PARTS LIST FOR COBRA 138

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
TR-1,2,4,6,7,8,10,11,12,13,14,17	Transistor 25C839F/Z5C37Z(I)	PL-176-042-9-002
TR-9,15,16,18,19,26	Transistor 25C945R/Z5C37Z(IY)	PL-176-042-9-003
TR-23,24	Transistor 25C1096L Pwr NPN	PL-172-024-9-001
TR-21	Transistor 25C1307 Pwr NPN	PL-172-024-9-002
TR-20	Transistor 25C1307 Sg NPN	PL-172-024-9-003
TR-25	Transistor 25C735H S Sg NPN	PL-177-012-9-001
TR-22	Transistor 25C1047D or 25C710C S Sg NPN	PL-176-047-9-001
FEET-1	Transistor 25K30GR FET	PL-182-014-9-002
FEET-2	Transistor 25K30GR or 25K196G FET	PL-182-014-9-001
IC-1	Integrated Circuit IAT7045M	PL-307-047-9-001
IC-2	Integrated Circuit IAT7045M	PL-150-006-9-001
D-1,17,18,19,20,21,27,28,29,30	Diode IN60P Germanium	PL-150-045-9-001
D-50,56	Diode SR1K-2	PL-150-001-9-005
D-5,6,8,9,11,12,13,14,32,36,40,41,42,44,45	Diode IN-60	PL-151-032-9-004
D-25,43	Diode KB-262	PL-151-045-9-002
D-7,9	Diode IS2472 (vertical)	PL-151-032-9-002
D-2,3,4,10,15,22,33,34,35,37,38,39,46,47,52	Diode IS2473 (horizontal)	PL-151-035-9-001
D-26,31	Diode JS-1007	PL-151-045-9-003
D-48,49,54	Diode CD-37	PL-150-040-9-002
D-24	Zener Diode CZ-502	PL-152-051-9-001
D-35	Zener Diode WZ-081	PL-152-054-9-002
D-23	Var-cap IS352M	PL-154-001-9-001
D-16	Diode IS1653	PL-151-045-9-004

COILS, TRANSFORMERS

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
R-1	Coil TKXC-24112N RF XFMR	PL-066-019-9-001
T-23	Coil TKXC-24128N RF XFMR	PL-066-019-9-002
T-4	Coil TKAC-22528N IF XFMR	PL-060-018-9-001
T-5	Coil TKAC-24133N IF XFMR	PL-060-018-9-002
T-6	Coil TKAC-24137N IF XFMR	PL-060-018-9-003
T-7	Coil TKXC-24138D IF XFMR	PL-060-018-9-004
T-8	Coil TKXC-24126YDR IF XFMR	PL-060-018-9-005
T-9	Coil TKXC-24118D IF XFMR	PL-060-018-9-006
T-10	Coil TKXC-24125YDR IF XFMR	PL-060-018-9-007
T-11	Coil TKXC-24119Y IF XFMR	PL-060-018-9-008
T-12	Coil TKXC-241020Z Variable Shielded	PL-046-013-9-001
T-13	Coil TKXC-24113X Variable Shielded	PL-046-013-9-002
T-14	Coil TKAC-24135ZPH IF XFMR	PL-060-018-9-002
T-15	Coil TKXN-67118M Osc XFMR	PL-064-013-9-001

CIRCUIT SYMBOL RESISTORS, CONTROLS (Continued)

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
R-62,63,64,65,66,72,73,79,82,86,89,93,101,103,106,110,128,143,148,160	Carbon Resistor 6.8K	PL-060-018-9-001
R-141,147	Carbon Resistor 5.6K	PL-060-018-9-001
R-15,16,23,54,96	Carbon Resistor 4.7K	PL-060-018-9-001
R-116,121,125,132	Carbon Resistor 4.7K	PL-060-018-9-001
R-1,6,17,131	Carbon Resistor 3.3K	PL-060-018-9-001
R-151	Carbon Resistor 3.3K	PL-060-018-9-001
R-12,28,31,37,45,49,52,57,84,95,100,102,123,126,129,146	Carbon Resistor 2.2K	PL-060-018-9-001
R-9,11,70,109	Carbon Resistor 1.5K	PL-060-018-9-001
R-112	Carbon Resistor 1.2K	PL-060-018-9-001
R-107,156	Carbon Resistor 1K	PL-060-018-9-001
R-3,7,77,80,92	Carbon Resistor 1K	PL-060-018-9-001
R-108	Carbon Resistor 820 ohm 1/4W ELR	PL-060-018-9-001
R-25,83	Carbon Resistor 560 ohm 1/4W ELR	PL-060-018-9-001
R-159	Carbon Resistor 470 ohm 1/4W ELR	PL-060-018-9-001
R-10,26,43,44,48,53,58,78,99,113,122,130,136,155,162	Carbon Resistor 220 ohm 1/4W ELR	PL-060-018-9-001
R-21,29	Carbon Resistor 150 ohm 1/4W ELR	PL-060-018-9-001
R-4,5,8,30,58,86,87,105,133,145,149,153,166	Carbon Resistor 100 ohm 1/4W ELR	PL-060-018-9-001
R-135	Carbon Resistor 68 ohm 1/4W ELR	PL-060-018-9-001
R-104	Carbon Resistor 56 ohm 1/4W ELR	PL-060-018-9-001
R-158	Carbon Resistor 47 ohm 1/4W ELR	PL-060-018-9-001
R-144,152	Carbon Resistor 27 ohm 1/4W ELR	PL-060-018-9-001
R-119	Carbon Resistor 22 ohm 1/4W ELR	PL-060-018-9-001
R-157	Carbon Resistor 22 ohm 1/4W ELR	PL-060-018-9-001
R-161	Carbon Resistor 22K ohm 1/4W ELR	PL-060-018-9-001
R-76	Carbon Resistor 33K ohm 1/4W R	PL-060-018-9-001
R-22,142	Carbon Resistor 10K ohm 1/4W R	PL-060-018-9-001
R-91	Carbon Resistor 3K ohm 1/4W R	PL-060-018-9-001
R-111	Carbon Resistor 220 ohm 1/4W R	PL-060-018-9-001
R-139,140,164	Carbon Resistor 47 ohm 1/4W R	PL-060-018-9-001
R-138	Cement Resistor 5 6 ohm 5W R	PL-004-142-9-001
VR-1,14	Material Covered Resistor 1 ohm 1W R	PL-011-069-9-001
VR-12	Volume EVL-TDA 300K semi-fixed	PL-008-209-9-006
VR-6,3	Volume KVSF10-6BM 10K semi-fixed	PL-008-209-9-002
VR-7	Volume KVSF10-6BM 5K semi-fixed	PL-008-209-9-003
VR-15	Volume EXL-10A 20K semi-fixed	PL-008-187-9-006
VR-10	Volume EXL-10A 100K semi-fixed	PL-008-209-9-004
VR-1,5,8,13	Volume EYL-50A 50K semi-fixed	PL-008-209-9-004

CAPACITORS (Continued)

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
17,18,19,21,30,33,34,43,45,56,57,61,67,90,91,101,60,161,166	Ceramic Condenser 0.044F 50V SL	PL-020-109-9-005
C-8,23,28,31,32,34,35,38,39,46,52,58,62,85,72,73,84,92,86,95,96,97,104,106,107,113,117,124,133,136,142,144,145,148,152,153,155,156,157,159,164,165,171,175,180,186,188,191	Ceramic Condenser 0.015F 50V M	PL-020-126-9-012
C-149,176,177	Ceramic Condenser 200PF 50V	PL-023-048-9-001
C-146	Silvered Mica Condenser 250PF 50V	PL-023-048-9-002
C-138,139	Silvered Mica Condenser 300PF 50V	PL-023-048-9-003
C-83	Silvered Mica Condenser 400PF 50V	PL-023-048-9-004
C-140,150	Silvered Mica Condenser 500PF 50V	PL-023-048-9-005
C-42	Silvered Mica Condenser 600PF 50V	PL-023-048-9-006
C-89	Silvered Mica Condenser 650PF 50V	PL-023-048-9-005
C-143	Mylar Condenser 0.001F 50V	PL-023-048-9-006
C-111	Tubular Condenser 1000PF 50V P	PL-025-089-9-003
C-192	Trimmer Condenser ECV-12W50P32	PL-020-030-9-002
CT-1,2,3,4,5,6,CT-7	Trimmer Condenser ECV-12W20P32	PL-028-030-9-002

MISCELLANEOUS

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
CF	Crystal Filter UF-074A 7.8 MHz	PL-143-003-9-001
RF	Relay AE3344	PL-441-008-9-001
AMT	M-R type Connector U-101-1	PL-772-026-9-001
MIKE	External Speaker Jack SJ-286	PL-772-026-9-001
EXT SPR	Crystal Socket BF-10A	PL-745-709-9-001
	Crystal Socket BF-10A	PL-742-018-9-001
	Fuse Holder 92 62D	PL-580-014-9-001
	Speaker	PL-775-028-9-001
	DC Power Plug 3P	PL-775-028-9-001
	DC Power Jack 3F	PL-775-028-9-001
	Dynamic Microphone DF-10/B(SK-1) complete	PL-562-007-9-001
	Microphone Hanger	PL-741-074-9-001
	Microphone Plug 3-P 66 Phone Type	PL-775-027-9-001
	Fuse 2amp	PL-191-251-3-002

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 security serial number when ordering replacement parts.

CIRCUIT SYMBOL

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
T-16	Coil TKXC-24132N Osc XFMR	PL-064-013-9-002
T-17	Coil TKXC-24121Z IF XFMR	PL-060-018-9-010
T-18	Coil TKXC-24134X IF XFMR	PL-060-018-9-011
T-19	Coil 113CC-28044C IF XFMR	PL-060-018-9-012
T-20	Coil TKXC-23444N IF XFMR	PL-060-018-9-014
T-21	Coil TKXC-24122X Variable Shield	PL-046-013-9-004
T-22	Coil TKXC-241178BH Variable Shield	PL-046-013-9-003
T-23	Coil TKAC-23360ZV IF XFMR	PL-060-018-9-013
L-1	Micro Inductor LF-4 10uH	PL-041-062-9-001
L-2	Micro Inductor LF-4 8.2uH	PL-041-062-9-002
L-3	Micro Inductor LF-1 100uH	PL-041-062-9-003
L-4	Micro Inductor LF-6 8uH	PL-041-062-9-004
L-5	Coil NS15158 RF Choke	PL-041-062-9-005
L-6,7,8,9,10	Coil NS-1367A Variable	PL-041-056-9-003
L-6,7	Coil TC-7102A Variable	PL-044-032-9-001
CH	Choke Transformer N28-7111H	PL-042-012-9-001
IPT	Input Transformer N24A-7258A	PL-068-007-9-001
OPT	Output Transformer N3577Z48	PL-061-023-9-001

CRYSTALS

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
X-1	Crystal 11 0035MHz HC-25/U	PL-133-007-9-001
X-2	Crystal 11 0135MHz HC-25/U	PL-133-007-9-002
X-3	Crystal 11 0235MHz HC-25/U	PL-133-007-9-003
X-4	Crystal 11 0435MHz HC-25/U	PL-133-007-9-004
X-5	Crystal 8 1590MHz HC-25/U	PL-133-007-9-005
X-6	Crystal 8 2090MHz HC-25/U	PL-133-007-9-006
X-7	Crystal 8 2590MHz HC-25/U	PL-133-007-9-007
X-8	Crystal 8 3090MHz HC-25/U	PL-133-007-9-008
X-9	Crystal 8 3590MHz HC-25/U	PL-133-007-9-009
X-10	Crystal 8 4090MHz HC-25/U	PL-133-007-9-010
X-11	Crystal 7 8025MHz HC-25/U	PL-133-007-9-011

RESISTORS, CONTROLS

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
R-1,3,14,17	Carbon Resistor 1F 50V	PL-022-122-9-001
R-39,42	Carbon Resistor 2.2F 25V	PL-022-122-9-002
R-36	Carbon Resistor 4.7F 25V	PL-022-122-9-003
R-30	Carbon Resistor 1000F 25	PL-022-122-9-002
R-34,35	Carbon Resistor 10uF 16V	PL-022-120-9-001
R-38	Carbon Resistor 22uF 10V	PL-022-122-9-004
R-18,27,41	Carbon Resistor 740uF 16V	PL-022-089-9-006
R-47	Carbon Resistor 33uF 10V	PL-022-122-9-005
R-50	Carbon Resistor 47uF 10V	PL-022-122-9-006
R-67,68,73,74,147,147	Carbon Resistor 220uF 25V	PL-022-122-9-007
R-55,71,150,163	Carbon Resistor 220uF 16V	PL-022-122-9-008
R-51,69,115,120	Carbon Resistor 220uF 10V	PL-022-122-9-009
R-24,81,97,165,124	Carbon Resistor 220uF 6.3V	PL-022-122-9-010
R-33,56,85,19,20	Carbon Resistor 470uF 6.3V	PL-022-122-9-011
32,40,46,60,61	Carbon Resistor 330uF 10V	PL-022-122-9-012

CIRCUIT SYMBOL RESISTORS, CONTROLS (Continued)

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
VR-16,9	Volume EVK-AFTE20811 10KA/100KB VR/SO	PL-008-210-9-001
VR-2	Volume EVH-COAK20815 100KB RF Gain	PL-008-210-9-002
VR-11	Volume EVH-BOAK20814 10KA MIC Gain	PL-008-210-9-003
VR-4	Volume EVH-COAK20824 20KB Voice Lock	PL-008-210-9-004

CAPACITORS

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
C-37,51,100,125,127,128,130,182,184	Electrolytic Capacitor 1F 50V	PL-022-122-9-001
C-116	Electrolytic 2.2F 25V	PL-022-122-9-002
C-134,163,167,172	Electrolytic 4.7F 25V	PL-022-122-9-003
C-190	Electrolytic 1000F 25	PL-022-120-9-001
C-120,135,154,189	Electrolytic 10uF 16V	PL-022-122-9-004
C-118	Electrolytic 22uF 10V	PL-022-122-9-005
C-174	Electrolytic 740uF 16V	PL-022-089-9-006
C-49,122,170	Electrolytic 33uF 10V	PL-022-122-9-005
C-48,123,129	Electrolytic 47uF 10V	PL-022-122-9-006
C-132	Electrolytic 220uF 25V	PL-022-122-9-007
C-173	Electrolytic 220uF 16V	PL-022-122-9-008
C-178,169	Electrolytic 220uF 10V	PL-022-122-9-009
C-188	Electrolytic 220uF 6.3V	PL-022-122-9-010
C-183	Electrolytic 470uF 6.3V	PL-022-122-9-011
C-179	Electrolytic 330uF 10V	PL-022-122-9-012
C-44,101,181	Aluminum Condenser 0.1F 25V (vertical)	PL-022-122-9-013
C-63,141,151,162	Ceramic Condenser 1F 50V CH	PL-020-109-9-001
C-6,29,64,93,94	Ceramic Condenser 2P 50V CH	PL-020-109-9-007
C-20,41,98,103,109	Ceramic Condenser 5P 50V CH	PL-020-109-9-010
C-71,82	Ceramic Condenser 200PF 50V CH	PL-020-126-9-009
C-39,74	Ceramic Condenser 15PF 50V CH	PL-020-126-9-010
C-85	Ceramic Condenser 12PF 50V CH	PL-020-126-9-002
C-27,40,47,15,108,110	Ceramic Condenser 20PF 50V CH	PL-020-126-9-003
C-53,115,158	Ceramic Condenser 25PF 50V CH	PL-020-109-9-015
C-137	Ceramic Condenser 30PF 50V CH	PL-020-126-9-005
C-8	Ceramic Condenser 40PF 50V CH	PL-020-125-9-002
C-147	Ceramic Condenser 50PF 50V CH	PL-020-126-9-005
C-54,59,60	Ceramic Condenser 60PF 50V CH	PL-020-126-9-006
C-55	Ceramic Condenser 100PF 50V CH	PL-020-126-9-007
C-70,112	Ceramic Condenser 150PF 50V CH	PL-020-109-9-004
C-86	Ceramic Condenser 120PF 50V CH	PL-020-126-9-011
C-87,88	Ceramic Condenser 100PF 50V KHI	PL-0