



## 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 2SC839F/2SC372(O)	PL-176-042-9-002
TR-9,15,16,18,19,26	Transistor 2SC945R/2SC372(V)	PL-176-042-9-003
TR-23,24	Transistor 2SC1096L Pwr NPN	PL-172-024-9-001
TR-21	Transistor 2SC1306 Pwr NPN	PL-172-024-9-002
TR-20	Transistor 2SC1307 Pwr NPN	PL-172-024-9-003
TR-25	Transistor 2SC743H S. Sig. NPN	PL-177-012-9-001
TR-22	Transistor 2SC743Y S. Sig. NPN	PL-176-047-9-001
TR-22	Transistor 2SC1047D or 2SC710C S. Sig. NPN	PL-176-047-9-002
FEET-1	Transistor 2SK300GR FET	PL-182-014-9-002
FEET-2	Transistor 2SK300GR or 2SK190GR 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-150-006-9-001
D-50,56	Diode SR1K-2	PL-151-045-9-001
D-56,8,9,11,12,13,14,32,36,40	Diode IN-60	PL-150-001-9-005
D-42,44,45	Diode KB-262	PL-151-032-9-004
D-25,43	Diode IS2472 (vertical)	PL-151-045-9-002
D-2,3,4,10,15,22,33,34,35,37,38,39,46,47,52	Diode IS2473 (horizontal)	PL-151-036-9-001
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

T-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

## DESCRIPTION

## DYNASCAN PART NO.

## RESISTORS, CONTROLS (Continued)

R-12,28,31,37,45	Carbon Resistor 3.3K	KW ELR	PL-008-209-9-002
R-4,5,8,30,58,86,87,105,133,145,149,153,166	Carbon Resistor 100 ohm KW ELR	KW ELR	PL-008-209-9-004
R-1,35	Carbon Resistor 68 ohm KW ELR	KW ELR	PL-004-142-9-001
R-104	Carbon Resistor 56 ohm KW ELR	KW ELR	PL-008-209-9-006
R-158	Carbon Resistor 47 ohm KW ELR	KW ELR	PL-008-209-9-002
R-144,152	Carbon Resistor 27 ohm KW ELR	KW ELR	PL-008-209-9-003
R-119	Carbon Resistor 22 ohm KW ELR	KW ELR	PL-008-209-9-004
R-157	Carbon Resistor 22K ohm KW ELR	KW ELR	PL-008-209-9-005
R-154	Carbon Resistor 22K ohm KW ELR	KW ELR	PL-008-209-9-006
R-161	Carbon Resistor 33K ohm KW ELR	KW ELR	PL-008-209-9-007
R-76	Carbon Resistor 22K ohm KW ELR	KW ELR	PL-008-209-9-008
R-22,142	Carbon Resistor 10K ohm KW ELR	KW ELR	PL-008-209-9-009
R-91	Carbon Resistor 3.3K ohm KW ELR	KW ELR	PL-008-209-9-010
R-111	Carbon Resistor 220 ohm KW ELR	KW ELR	PL-008-209-9-011
R-139,140,164	Carbon Resistor 47 ohm KW ELR	KW ELR	PL-004-142-9-001
R-138	Cement Resistor 5 6 ohm SW R	.....	PL-011-069-9-001
VR-1,14	Material Covered Resistor 1 ohm 1W R	.....	PL-008-209-9-006
VR-12	Volume EVL-TDA 300K semi-fixed	.....	PL-008-209-9-002
VR-6,3	Volume KVSF10-68M 10K semi-fixed	.....	PL-008-209-9-003
VR-7	Volume EXL-10A 5K semi-fixed	.....	PL-008-187-9-006
VR-15	Volume EXL-10A 20K semi-fixed	.....	PL-008-209-9-004
VR-1,5,8,13	Volume EXL-10A 100K semi-fixed	.....	PL-008-209-9-001
VR-10	Volume EVL-50A 50K semi-fixed	.....	PL-008-209-9-004

## CAPACITORS (Continued)

C-8,23,28,31,32,34,35,38,39,46,52,58,62,85,72,73,84,92,68,95,96,97,104,106,107,113,117,124,133,136,142,144,145,148,152,153,155,156,157,159,164,165,171,175,180,186,188,191	Ceramic Condenser 0.044F 50V SL	PL-020-109-9-005
C-149,176,177	Ceramic Condenser 0.015F 50V M	PL-020-126-9-012
C-146	Silvered Mica Condenser 2500P 50V	PL-023-048-9-001
C-138,139	Silvered Mica Condenser 2000P 50V	PL-023-048-9-002
C-83	Silvered Mica Condenser 3000P 50V	PL-023-048-9-003
C-140,150	Silvered Mica Condenser 4000P 50V	PL-023-048-9-004
C-42	Silvered Mica Condenser 5000P 50V	PL-023-048-9-007
C-89	Silvered Mica Condenser 6000P 50V	PL-023-048-9-005
C-143	Silvered Mica Condenser 6500P 50V	PL-023-048-9-006
C-111	Mylar Condenser 0.0015F 50V	PL-025-074-9-003
C-192	Tubular Condenser 10000P 50V P	PL-025-089-9-001
CT-1,2,3,4,5,6	Trimmer Condenser ECV-12W50P32	PL-020-030-9-002
CT-7	Trimmer Condenser ECV-12W20P32	PL-028-030-9-002

## MISCELLANEOUS

CF	Crystal Filter UF-074A 7.8 MHz	PL-143-003-9-001
RI	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-775-024-9-001
	DC Power Jack 3F	PL-562-007-9-001
	Dynamic Microphone DF-10/B(SK-1) complete	PL-741-074-9-001
	Microphone Hanger	PL-775-027-9-001
	Microphone Plug 3-P 66 Phone Type	PL-191-251-3-002
	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. Advances permit. Specify serial number when ordering replacement parts.

## CIRCUIT SYMBOL

## DESCRIPTION

## DYNASCAN PART NO.

## COILS, TRANSFORMERS (Continued)

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	Coil NS15158 RF Choke	PL-041-062-9-006
L-8,8,10	Coil TC-7102A Variable	PL-041-056-9-003
L-9,9,11,12	Coil NS-1367A 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

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

R-1,3,14,17	Carbon Resistor KW ELR	PL-008-209-9-001
R-39,42	Carbon Resistor KW ELR	PL-008-209-9-002
R-36	Carbon Resistor K W ELR	PL-008-209-9-003
R-34,35	Carbon Resistor K W ELR	PL-008-209-9-004
R-38	Carbon Resistor K W ELR	PL-008-209-9-005
R-18,27,41	Carbon Resistor K W ELR	PL-008-209-9-006
R-47	Carbon Resistor K W ELR	PL-008-209-9-007
R-50	Carbon Resistor K W ELR	PL-008-209-9-008
R-67,68,73,74,147,147	Carbon Resistor K W ELR	PL-008-209-9-009
R-55,71,150,163	Carbon Resistor K W ELR	PL-008-209-9-010
R-51,69,115,120,124	Carbon Resistor K W ELR	PL-008-209-9-011
R-24,81,97,165,182	Carbon Resistor K W ELR	PL-008-209-9-012
R-33,56,85,19,20,32,40,46,60,61	Carbon Resistor K W ELR	PL-008-209-9-013

## CIRCUIT SYMBOL

## DESCRIPTION

## DYNASCAN PART NO.

## RESISTORS, CONTROLS (Continued)

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

  

C-37,51,100,125,127,128,130,182,184	Electrolytic Capacitor 1uF 50V	PL-022-122-9-001
C-116	Electrolytic 2.2uF 25V	PL-022-122-9-002
C-134,163,167,172	Electrolytic 4.7uF 25V	PL-022-122-9-003
C-190	Electrolytic 1000uF 25	PL-022-122-9-012
C-120,135,154,189	Electrolytic 10uF 16V	PL-022-120-9-001
C-118	Electrolytic 22uF 10V	PL-022-122-9-004
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 33uF 6.4V	PL-022-122-9-006
C-132	Electrolytic 47uF 10V	PL-022-122-9-007
C-173	Electrolytic 220uF 25V	PL-022-122-9-008
C-178,169	Electrolytic 220uF 16V	PL-022-122-9-009
C-188	Electrolytic 220uF 10V	PL-022-122-9-010
C-183	Electrolytic 220uF 6.3V	PL-022-122-9-011
C-179	Electrolytic 470uF 6.3V	PL-022-122-9-014
C-187	Electrolytic 330uF 10V	PL-022-122-9-011
C-44,101,181	Aluminum Condenser 0.1uF 25V (vertical)	PL-022-122-9-013
C-63,141,151,162	Ceramic Condenser 1uF 50V CH	PL-020-109-9-001
C-6,29,64,93,94	Ceramic Condenser 2pF 50V CH	PL-020-109-9-007
C-20,41,98,103,109	Ceramic Condenser 5pF 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-020-126-9-006
C-54,59,60	Ceramic Condenser 60pF 50V CH	PL-020-126-9-007
C-55	Ceramic Condenser 100pF 50V CH	PL-020-126-9-008
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-020-109-9-002
C-75,76,77,78,79,80	Ceramic Condenser 40pF 50V KWI	PL-020-125-9-008
C-2,7,22,26	Ceramic Condenser 0.0015F 50V YA	PL-020-125-9-006
C-24	Ceramic Condenser 0.0055F 50V YA	PL-025-013-9-001
C-1,11,12,13,25,38,50,66,89,91,99,102,105,114,121,136,131,185	Ceramic Condenser 0.01uF 50V YA	PL-020-109-9-002
C-3,4,9,10,14,16	Ceramic Condenser 0.02uF 50V YA	PL-020-126-9-008

## CIRCUIT SYMBOL

## DESCRIPTION

## DYNASCAN PART NO.

## MISCELLANEOUS (Continued)

TP-1,2,3,4,5,6,7	DC Power Cord complete	PL-523-082-9-001
	Printed Circuit Board 144-100	PL-302-152-9-001
	Pilot Lamp 14V 50mA meter	PL-400-033-9-001
	Pilot Lamp 14V 50mA Channel	PL-400-033-9-002
	Pilot Lamp 14V 50mA TX	PL-400-033-9-003
	Meter Type A-39 S/Power S31EA563	PL-320-051-9-001
	Test Terminal A4 100-051	PL-083-159-9-001
	Lug Terminal 3P-1-0-1	