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Cobra 2000GTL BOM From Owner's Manual
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BILL OF MATERIAL FOR COBRA 2000GTL

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
SEMICONDUCTORS		
IC-1	Integrated Circuit, MB8734	307-152-9-001
IC-2	Integrated Circuit, UHIC-007	307-143-9-001
IC-3	Integrated Circuit, AN612	307-143-9-002
IC-4	Integrated Circuit, MB3756	307-133-9-005
IC-5	Integrated Circuit, SO42P	307-143-9-004
IC-6	Integrated Circuit, TA7222P	307-143-9-003
IC-501	Integrated Circuit, TD62103P	307-152-9-002
IC-502	Integrated Circuit, TMS1000(MP-0038ASL)	307-152-9-003
IC-503,504	Integrated Circuit, TC4081P	307-152-9-004
IC-505	Integrated Circuit, 74LS196	307-152-9-005
IC-506	Integrated Circuit, TC5032P	307-152-9-006
IC-507	Integrated Circuit, 74LS00	307-152-9-007
IC-508	Integrated Circuit, TC5036P	307-152-9-008
IC-509	Integrated Circuit, SN74LS93N	307-152-9-009
IC-510	Integrated Circuit, SN74LS90N	307-152-9-010
IC-511	Integrated Circuit, TC4011P	307-152-9-011
IC-512	Integrated Circuit, SL1611C/DP	307-152-9-012
FET-1	Field Effect Transistor, 3SK45-B	182-038-9-001
FET-2	Field Effect Transistor, 2SK19-BL	182-056-9-001
FET-3,501,502	Field Effect Transistor, 2SK19-GR	182-021-9-001
FET-301	Field Effect Transistor, 2SK68A-M	182-044-9-001
TR-1,2,9,11,15,16,17,20, 29,30,32,34,512,516, 517	Transistor, 2SC1675-L	176-065-9-001
TR-3,18	Transistor, 2SC1730-L	176-073-9-001
TR-4,5,6,8,10,12,19,21, 22,24,26,31,33,35, 40,42,50,51,52,53, 302,402,403,501,502, 503,504,505,506,507, 511,513,514,515,518, 520,521,510	Transistor, 2SC945A-Q	176-062-9-001
TR-7,13,25,27,47,48,508, 509,404	Transistor, 2SA733-P	177-020-9-001
TR-14	Transistor, 2SC1674-L	176-081-9-002
TR-36	Transistor, 2SC1969-B	176-087-9-002
TR-37	Transistor, 2SC496-O	176-087-9-001
TR-38	Transistor, 2SC1306	172-024-9-002
TR-39	Transistor, 2SC1973	176-073-9-003
TR-41,301	Transistor, 2SC1419-C	176-055-9-004
TR-43	Transistor, 2SC458-C	176-048-9-002
TR-401	Transistor, 2SD188-M	172-040-9-001
TR-519,522	Transistor, 2SC1846-Q	176-075-9-006
TR-23	Transistor, 2SC458 PG-C	176-094-9-001
D-1,2,10,21,22,45,46,54, 71,73,74 527	Diode, 1N60-P	150-006-9-001

**CIRCUIT
SYMBOL**

DESCRIPTION

**DYNASCAN
PART NO.**

SEMICONDUCTORS (Continued)

D-3,5,6,7,8,9,11,14,15, 16,17,18,19,20,23, 24,64,31,32,33,34,36, 37,38,39,40,41,42,43, 47,48,51,53,57,59,60, 61,63,65,66,67,68,76, 77,501,502,503,504, 505,506,507,508,509, 510,511,513,514,515, 516,517,518,519,520, 521,523,525,526,414	Diode,	1S1588	151-051-9-001
D-402,530	Diode,	SR1K-2	151-045-9-001
D-403	Diode,	S10VB10	151-081-9-001
D-12,13,	Diode,	MC301	151-072-9-001
D-301	Diode, Zener,	XZ-062	152-094-9-001
D-528	Diode, Zener,	XZ-057	152-094-9-002
D-401,415	Diode, LED,	5082-7750-C	158-026-9-001
D-404,405,408,409,410, 411	Diode, LED,	5082-7760-C	158-026-9-002
D-406,407	Diode, LED,	5082-4100	158-026-9-003
D-412,413	Diode, LED,	5082-4484	158-026-9-004
D-35,69	Diode, Vari-Cap,	1S2687-D	153-008-9-001
D-52,75	Varistor,	KB-262	151-032-9-004
D-50	Varistor,	MV-1Y	004-175-9-001
D-49	Varistor,	MV-13YH	153-011-9-001
SCR-501	S.C.R.,	5P-05M	181-005-9-001

INDUCTORS

L-1,502	Coil,	LA-038	060-018-9-001
L-22	Coil,	LA-051	046-028-9-001
L-47	Coil,	LA-160	060-025-9-008
L-3	Coil,	LA-163	060-022-9-001
L-2	Coil,	LA-179	060-025-9-010
L-20,501	Coil,	LA-195	060-030-9-001
L-19	Coil,	LA-216	060-030-9-002
L-48	Coil,	LA-219	060-030-9-005
L-46	Coil,	LA-220	060-030-9-006
L-45	Coil,	LA-254	060-030-9-008
L-21	Coil,	LA-256	060-030-9-010
L-8	Coil,	LA-257	060-030-9-011
L-7	Coil,	LA-258	060-030-9-012
L-6	Coil,	LA-259	060-030-9-013
L-5	Coil,	LA-260	060-030-9-014
L-4	Coil,	LA-261	060-030-9-015
L-15	Coil,	LA-264	060-031-9-001
L-31	Coil,	LA-265	060-031-9-002
L-30	Coil,	LA-266	060-031-9-003
L-9	Coil,	LA-268	060-031-9-005
L-10	Coil,	LA-269	060-031-9-006
L-12	Coil,	LA-270	060-031-9-007
L-14	Coil,	LA-271	060-031-9-008
L-13	Coil,	LA-272	060-031-9-009
L-59	Coil,	LA-284	046-028-9-002
L-23	Coil,	LA-285	046-028-9-003
L-36,38	Coil,	LC-019	041-088-9-001
L-401,402	Coil,	LD-013	044-043-9-002
L-406,407	Coil,	LD-027	041-069-9-005
L-34	Ferrite Bead Core,	LD-071	044-043-9-006
L-51,52,18,404,405	Ferrite Bead Core,	LD-077	763-084-9-001

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
INDUCTORS (Continued)		
L-40,43,414,418,415, 503,504,419,506,411, 412,416,417	Ferrite Bead Core, LD-087	044-048-9-003
L-44	Coil, LD-096	044-053-9-002
L-39,42	Coil, LD-098	044-053-9-003
L-41	Coil, LD-101	044-053-9-004
L-403,408,409,410,413	Coil, LD-089	044-048-9-002
L-35,37	Coil, LE-051	044-043-9-008
L-16,33	Inductor, Molded, LZ-012 100μH	041-087-9-002
L-24,25,26	Inductor, Molded, LZ-012 220μH	041-109-9-001
L-17,27,28,29,32,57,58,60	Inductor, Molded, LZ-012 470μH	041-088-9-004
T-401	Transformer, Power, TF-159	065-147-9-001

SEMI-FIXED & VARIABLE RESISTORS

VR-9,12	Resistor, Semi-fixed, RV-189, 500 ohm B	008-342-9-001
VR-3	Resistor, Semi-fixed, RV-189, 1K ohm B	008-334-9-001
VR-1,2,5	Resistor, Semi-fixed, RV-189, 3K ohm B	008-323-9-001
VR-8,10	Resistor, Semi-fixed, RV-189, 5K ohm B	008-316-9-004
VR-4,11	Resistor, Semi-fixed, RV-189, 10K ohm B	008-342-9-002
VR-6	Resistor, Semi-fixed, RV-189, 100K ohm B	008-316-9-001
VR-7	Resistor, Semi-fixed, RV-189, 50K ohm B	008-316-9-002
VR-403	Resistor, Variable, RV-036, 10K ohm A, VOL	008-346-9-002
VR-406	Resistor, Variable, RV-074, 5K ohm B, TONE	008-350-9-002
VR-401	Resistor, Variable, RV-126, 100K ohm B, SQ	008-346-9-005
VR-405	Resistor, Variable, RV-319, 1K ohm A, Dynamike	008-349-9-002
VR-407,402	Resistor, Variable, 2-shaft 2-gang, RV-375 1K ohm B/ 20K ohm B, FINE/COARSE	008-357-9-001
VR-404,408	Resistor, Variable, 2-shaft 2-gang, RV-376 1K ohm B/ 5K ohm B, RF GAIN/CAL	008-357-9-002

FIXED RESISTORS

NOTE:

Resistor tolerance: J = ±5% K = ±10%

R-416,417	Resistor, Metal Film, 22 ohm 2W K ...	013-038-9-003
R-550	Resistor, Metal Film, 22 ohm 1W K ...	013-011-9-002
R-193	Resistor, Metal Film, 220 ohm 1W K ...	001-001-6-221
R-420	Resistor, Carbon, Axial Lead, 22 ohm 1/2W J ...	002-102-5-220
R-421,422	Resistor, Carbon, Axial Lead, 47 ohm 1/2W J ...	002-102-5-470
R-182, 555	Resistor, Carbon, Axial Lead, 220 ohm 1/2W J ...	002-102-5-221
R-180	Resistor, Carbon, Axial Lead, 270 ohm 1/2W J ...	002-102-5-271
R-403	Resistor, Carbon, Axial Lead, 560 ohm 1/2W J ...	002-102-5-561
R-414	Resistor, Carbon, Axial Lead, 10K ohm 1/2W J ...	002-102-5-103
R-415	Resistor, Carbon, Axial Lead, 2.2M ohm 1/2W J ...	002-102-5-225
R-107	Resistor, Carbon, Axial Lead, 100 ohm 1/8W J ...	002-108-5-101
R-254	Resistor, Carbon, Axial Lead, 150 ohm 1/8W J ...	002-108-5-151
R-29,433	Resistor, Carbon, Axial Lead, 220 ohm 1/8W J ...	002-108-5-221
R-301,302	Resistor, Carbon, Axial Lead, 330 ohm 1/8W J ...	002-108-5-331
R-431,432	Resistor, Carbon, Axial Lead, 470 ohm 1/8W J ...	002-108-5-471
R-426	Resistor, Carbon, Axial Lead, 680 ohm 1/8W J ...	002-108-5-681
R-42,303,424,516	Resistor, Carbon, Axial Lead, 1K ohm 1/8W J ...	002-108-5-102
R-45,191	Resistor, Carbon, Axial Lead, 1.5K ohm 1/8W J ...	002-108-5-152
R-43	Resistor, Carbon, Axial Lead, 1.8K ohm 1/8W J ...	002-108-5-182
R-34,224	Resistor, Carbon, Axial Lead, 3.3K ohm 1/8W J ...	002-108-5-332
R-32	Resistor, Carbon, Axial Lead, 3.9K ohm 1/8W J ...	002-108-5-392
R-425	Resistor, Carbon, Axial Lead, 4.7K ohm 1/8W J ...	002-108-5-472
R-423,427	Resistor, Carbon, Axial Lead, 6.8K ohm 1/8W J ...	002-108-5-628

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
FIXED RESISTORS (Continued)		
R-113	Resistor, Carbon, Axial Lead,	10K ohm 1/8W J 002-108-5-103
R-225	Resistor, Carbon, Axial Lead,	100K ohm 1/8W J 002-108-5-104
R-553	Resistor, Carbon, Formed VERT,	0.5 ohm 1/8W J 013-044-9-001
R-208	Resistor, Carbon, Formed VERT,	1 ohm 1/8W J 002-108-5-109
R-68	Resistor, Carbon, Formed VERT,	3.3 ohm 1/8W J 002-108-5-339
R-122	Resistor, Carbon, Formed VERT,	15 ohm 1/8W J 002-108-5-150
R-62	Resistor, Carbon, Formed VERT,	22 ohm 1/8W J 002-108-5-220
R-9,76,198	Resistor, Carbon, Formed VERT,	68 ohm 1/8W J 002-108-5-680
R-501,502,503,504,505, 506,507	Resistor, Carbon, Formed VERT,	82 ohm 1/8W J 002-108-5-820
R-21,38,51,52,55,105,108, 139,179,186,188,189, 190,241,260,528,536	Resistor, Carbon, Formed VERT,	100 ohm 1/8W J 002-108-5-101
R-75,106,517,518,530	Resistor, Carbon, Formed VERT,	150 ohm 1/8W J 002-108-5-151
R-61	Resistor, Carbon, Formed VERT,	180 ohm 1/8W J 002-108-5-181
R-183	Resistor, Carbon, Formed VERT,	12 ohm 1/8W J 002-108-5-120
R-5,25,37,60,70,143,150, 554	Resistor, Carbon, Formed VERT,	220 ohm 1/8W J 002-108-5-221
R-552	Resistor, Carbon, Formed VERT,	270 ohm 1/8W J 002-108-5-271
R-3,15,31,63,184,209,233, 418,419,8	Resistor, Carbon, Formed VERT,	330 ohm 1/8W J 002-108-5-331
R-177	Resistor, Carbon, Formed VERT,	390 ohm 1/8W J 002-108-5-391
R-4,57,67,117,255,256, 535	Resistor, Carbon, Formed VERT,	470 ohm 1/8W J 002-108-5-471
R-111,164,228,257	Resistor, Carbon, Formed VERT,	560 ohm 1/8W J 002-108-5-561
R-176,199,533,551	Resistor, Carbon, Formed VERT,	680 ohm 1/8W J 002-108-5-681
R-59,232	Resistor, Carbon, Formed VERT,	820 ohm 1/8W J 002-108-5-821
R-181	Resistor, Carbon, Formed VERT,	10 ohm 1/8W J 002-108-5-100
R-20,24,33,36,48,49,56, 87,90,92,104,115,121, 138,140,146,153,170, 194,195,222,242,248, 252,514,515,522,524, 529,532,261	Resistor, Carbon, Formed VERT,	1K ohm 1/8W J 002-108-5-102
R-30,205,401,402,404, 405,406,407,408,409, 410,411,412,413,510	Resistor, Carbon, Formed VERT,	1.2K ohm 1/8W J 002-108-5-122
R-64,74,95,112,26,135, 165,185	Resistor, Carbon, Formed VERT,	1.5K ohm 1/8W J 002-108-5-152
R-27,534,69	Resistor, Carbon, Formed VERT,	1.8K ohm 1/8W J 002-108-5-182
R-41,50,97,102,103,120, 141,175,259	Resistor, Carbon, Formed VERT,	2.2K ohm 1/8W J 002-108-5-222
R-7,91,144,187,207	Resistor, Carbon, Formed VERT,	2.7K ohm 1/8W J 002-108-5-272
R-1,17,28,58,77,88,116,134, 162,166,197,201,251,235	Resistor, Carbon, Formed VERT,	3.3K ohm 1/8W J 002-108-5-332
R-47,109,227,249,531	Resistor, Carbon, Formed VERT,	3.9K ohm 1/8W J 002-108-5-392
R-46,72,196,511,523,525	Resistor, Carbon, Formed VERT,	4.7K ohm 1/8W J 002-108-5-472
R-18,40,93,537,538	Resistor, Carbon, Formed VERT,	5.6K ohm 1/8W J 002-108-5-562
R-100,200,	Resistor, Carbon, Formed VERT,	6.8K ohm 1/8W J 002-108-5-682
R-44,123,147,148,160, 236,540,541	Resistor, Carbon, Formed VERT,	8.2K ohm 1/8W J 002-108-5-822
R-11,12,14,16,19,22,23,53, 78,89,101,119,124,126, 131,132,142,145,152, 154,157,158,161,192, 203,223,237,238,239, 436,509,512,519,526, 527,543,546,548	Resistor, Carbon, Formed VERT,	10K ohm 1/8W J 002-108-5-103
R-39,98,174,250	Resistor, Carbon, Formed VERT,	12K ohm 1/8W J 002-108-5-123
R-65,66,71,79,128	Resistor, Carbon, Formed VERT,	15K ohm 1/8W J 002-108-5-153

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
FIXED RESISTORS (Continued)		
R-2,149,159	Resistor, Carbon, Formed VERT,	18K ohm 1/8W J 002-108-5-183
R-125,151,156,163,202,521,544	Resistor, Carbon, Formed VERT,	22K ohm 1/8W J 002-108-5-223
R-114	Resistor, Carbon, Formed VERT,	27K ohm 1/8W J 002-108-5-273
R-73,96,99,129,435,520,542,556	Resistor, Carbon, Formed VERT,	33K ohm 1/8W J 002-108-5-333
R-6,86,118,133,226	Resistor, Carbon, Formed VERT,	47K ohm 1/8W J 002-108-5-473
R-155,204,508,513,557	Resistor, Carbon, Formed VERT,	56K ohm 1/8W J 002-108-5-563
R-81,84	Resistor, Carbon, Formed VERT,	68K ohm 1/8W J 002-108-5-683
R-545	Resistor, Carbon, Formed VERT,	82K ohm 1/8W J 002-108-5-823
R-10,82,83	Resistor, Carbon, Formed VERT,	100K ohm 1/8W J 002-108-5-104
R-110	Resistor, Carbon, Formed VERT,	150K ohm 1/8W J 002-108-5-154
R-35,54,547,549	Resistor, Carbon, Formed VERT,	180K ohm 1/8W J 002-108-5-184
R-206	Resistor, Carbon, Formed VERT,	270K ohm 1/8W J 002-108-5-274
R-13,434	Resistor, Carbon, Formed VERT,	470K ohm 1/8W J 002-108-5-474
R-85,234	Resistor, Carbon, Formed VERT,	560K ohm 1/8W J 002-108-5-564
R-80,127,258,539	Resistor, Carbon, Formed VERT,	1M ohm 1/8W J 002-108-5-105

CAPACITORS

NOTE:

The first code indicates tolerance of capacitance:

C = $\pm 0.25\mu\text{F}$, D = $\pm 0.5\mu\text{F}$, F = $\pm 1\mu\text{F}$, G = $\pm 2\%$, J = $\pm 5\%$, K = $\pm 10\%$, M = $\pm 20\%$, Z = $+70\% -20\%$

The second code indicates variation of capacitance with temperature:

YA = $\pm 5\%$, YB = $\pm 10\%$, YD = $+20 -30\%$, YE = $+20 -50\%$, YF = $+30 -80\%$, ($-25 \sim +85^\circ\text{C}$), ZF = $+30 -80\%$ ($-10 \sim +70^\circ\text{C}$), CH = $0 \pm 60\text{ppm}/^\circ\text{C}$, RH = $-220\text{ppm}/^\circ\text{C} \pm 60\text{ppm}/^\circ\text{C}$, CJ = $0 \pm 120\text{ppm}/^\circ\text{C}$, RJ = $-220\text{ppm}/^\circ\text{C} \pm 120\text{ppm}/^\circ\text{C}$, TH = $-470\text{ppm}/^\circ\text{C} \pm 60\text{ppm}/^\circ\text{C}$, UJ = $-750\text{ppm}/^\circ\text{C} \pm 120\text{ppm}/^\circ\text{C}$, SL = $+350\text{ppm}/^\circ\text{C} \sim -1000\text{ppm}/^\circ\text{C}$,

C-101	Capacitor, Tantalum,	0.1 μF	25V	M	.....	027-035-9-001
C-10	Capacitor, Tantalum,	0.22 μF	25V	M	.....	027-040-9-001
C-29,90,104,505	Capacitor, Tantalum,	0.47 μF	25V	M	.....	027-040-9-002
C-62,67	Capacitor, Tantalum,	1 μF	25V	M	.....	027-035-9-003
C-80,81	Capacitor, Tantalum,	2.2 μF	25V	M	.....	027-031-9-001
C-103	Capacitor, Tantalum,	10 μF	6.3V	M	.....	027-036-9-001
C-100,179	Capacitor, Tantalum,	22 μF	6.3V	M	.....	027-035-9-004
C-72	Capacitor, Tantalum,	33 μF	10V	M	.....	027-040-9-004
C-74	Capacitor, Tantalum,	47 μF	6.3V	M	.....	027-040-9-003
C-23,25,108,135,190,230,231	Capacitor, Electrolytic,	0.47 μF	50V	.....	.....	022-157-9-001
C-33,144,174,191,218,525	Capacitor, Electrolytic,	1 μF	50V	.....	.....	022-157-9-002
C-99,232	Capacitor, Electrolytic,	2.2 μF	25V	.....	.....	022-158-9-002
C-24,92,180,512	Capacitor, Electrolytic,	4.7 μF	25V	.....	.....	022-157-9-003
C-109,133,134,173,217	Capacitor, Electrolytic,	10 μF	16V	.....	.....	022-157-9-004
C-181,302	Capacitor, Electrolytic,	10 μF	25V	.....	.....	022-171-9-001
C-535,540,542,73	Capacitor, Electrolytic,	22 μF	10V	.....	.....	022-163-9-001
C-501,530	Capacitor, Electrolytic,	22 μF	16V	.....	.....	022-157-9-005
C-95,153,176,214	Capacitor, Electrolytic,	47 μF	10V	.....	.....	022-160-9-002
C-186	Capacitor, Electrolytic,	220 μF	10V	.....	.....	022-171-9-002
C-527	Capacitor, Electrolytic,	220 μF	16V	.....	.....	022-163-9-003
C-18	Capacitor, Electrolytic,	330 μF	10V	.....	.....	022-183-9-001
C-175,523	Capacitor, Electrolytic,	470 μF	10V	.....	.....	022-160-9-001
C-84	Capacitor, Electrolytic,	1000 μF	10V	.....	.....	022-171-9-003
C-172	Capacitor, Electrolytic,	1000 μF	25V	.....	.....	022-171-9-004
C-410	Capacitor, Electrolytic,	4700 μF	35V	.....	.....	022-185-9-001
C-70,71,178	Capacitor, Mylar,	0.001 μF	50V	K	.....	025-074-9-003
C-105,69	Capacitor, Mylar,	0.0022 μF	50V	K	.....	030-041-9-003
C-102	Capacitor, Mylar,	0.0047 μF	50V	K	.....	025-126-9-001
C-78,107,110,118,546,547,219	Capacitor, Mylar,	0.01 μF	50V	K	.....	025-121-9-002

CIRCUIT SYMBOL	DESCRIPTION				DYNASCAN PART NO.
CAPACITORS (Continued)					
C-21,46,49,55,58,63,76, 182,301,303	Capacitor, Mylar,	0.022 μ F	50V	K	025-121-9-003
C-19,56,59,60,75,82,91, 94,121,136,154,225, 511	Capacitor, Mylar,	0.047 μ F	50V	K	025-121-9-006
C-36,77,79,148,155,177, 183,187	Capacitor, Mylar,	0.1 μ F	50V	K	025-121-9-001
C-130	Capacitor, Ceramic,	1pF	50V	C, CJ	020-225-9-001
C-41,47,163	Capacitor, Ceramic,	2pF	50V	C, CJ	020-225-9-002
C-145	Capacitor, Ceramic,	3pF	50V	C, CJ	020-225-9-003
C-38	Capacitor, Ceramic,	4pF	50V	C, CJ	020-225-9-004
C-48,65,125,216	Capacitor, Ceramic,	5pF	50V	C, CJ	020-215-9-005
C-98	Capacitor, Ceramic,	7pF	50V	D, CJ	020-225-9-006
C-85,131	Capacitor, Ceramic,	10pF	50V	D, CJ	020-225-9-007
C-31	Capacitor, Ceramic,	12pF	50V	K, CH	020-225-9-008
C-68	Capacitor, Ceramic,	15pF	50V	K, CH	020-225-9-009
C-86,116	Capacitor, Ceramic,	18pF	50V	K, CH	020-225-9-010
C-142	Capacitor, Ceramic,	27pF	50V	K, CH	020-225-9-011
C-1,502,203	Capacitor, Ceramic,	33pF	50V	K, CH	020-205-9-001
C-26	Capacitor, Ceramic,	39pF	50V	K, CH	020-225-9-012
C-88,89,128,147,162, 207,537,538	Capacitor, Ceramic,	47pF	50V	K, CH	020-180-9-006
C-141	Capacitor, Ceramic,	82pF	50V	K, CH	020-180-9-007
C-122	Capacitor, Ceramic,	100pF	50V	K, CH	020-181-9-011
C-149	Capacitor, Ceramic,	120pF	50V	K, RH	020-212-9-001
C-213	Capacitor, Ceramic,	10pF	50V	K, UJ	020-221-9-003
C-127,143	Capacitor, Ceramic,	180pF	50V	K, UJ	020-225-9-013
C-64,66,123,156	Capacitor, Ceramic,	220pF	50V	K, UJ	020-205-9-008
C-150,161,434	Capacitor, Ceramic,	330pF	50V	K, UJ	020-204-9-013
C-146	Capacitor, Ceramic,	390pF	50V	K, UJ	020-204-9-014
C-117,152,212,549,550, 552	Capacitor, Ceramic,	470pF	50V	K, UJ	020-204-9-015
C-137,139	Capacitor, Ceramic,	0.5pF	50V	C, SL	020-218-9-001
C-9	Capacitor, Ceramic,	82pF	50V	K, SL	020-220-9-003
C-15,17,45	Capacitor, Ceramic,	100pF	50V	K, SL	020-180-9-016
C-235,236	Capacitor, Ceramic,	330pF	50V	K, SL	020-181-9-008
C-5,8,11,14,35,37,39,40, 42,43,44,189,193,208, 402,404,405,406,407, 185,548,416,417,418, 419,420,421,422,423, 424,426,433,428,429, 430,431,432,516,517, 518,520,526,528,510, 554	Capacitor, Ceramic,	0.001 μ F	50V	M, YD	020-204-9-017
C-30,32,34,115,132,138, 140,151,157,158,159, 160,165,196,200,205, 223,224	Capacitor, Ceramic,	0.0047 μ F	50V	M, YD	020-204-9-018
C-93,96,97,106,111,112, 113,114,119,120,126, 129,164,198,199,201, 202,408,409	Capacitor, Ceramic,	0.01 μ F	50V	M, YD	020-204-9-019
C-2,3,4,6,7,16,22,27,50, 51,52,53,54,61,83,87, 124,194,204,215,227, 228,229,304,513,514, 515,519,521,522,529, 531,532,533,534,536, 541,543,544,545,551, 553,197,555	Capacitor, Ceramic,	0.022 μ F	50V	Z, YF	020-204-9-020

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
CAPACITORS (Continued)		
C-425	Capacitor, Ceramic, 0.047 μ F 50V Z, ZF	020-204-9-021
C-192,195,401,403	Capacitor, Ceramic, 0.1 μ F 25V Z, ZF	020-225-9-014
C-412,413,414,415	Capacitor, Ceramic, 0.001 μ F 125V	020-225-9-015
CC-1	Capacitor Array, HA-003	527-077-9-002
CT-2,501	Capacitor, Trimmer, CV-028 20pF	028-051-9-001
CRYSTALS		
X-2	Crystal, QX-077, 10.24 MHz	133-014-9-001
X-501	Crystal, QX-088, 10.4858 MHz	135-028-9-007
X-4	Crystal, QX-092, 7.800 MHz	135-026-9-001
X-1	Crystal, QX-093, 7.345 MHz	135-026-9-002
X-3	Crystal, QX-099, 11.325 MHz	135-027-9-001
MISCELLANEOUS		
	PC Board, PC-315AA, ALARM SWITCH, PCB	302-372-9-001
	PC Board, PC-316AA, PWR SUPPLY, PCB	302-373-9-001
	PC Board, PC-369AA, CLOCK/COUNTER, PCB	302-374-9-001
	PC Board, PC-372AA, FILTER, PCB	302-375-9-001
	PC Board, PC-389AA, MIC JACK, PCB	302-312-9-001
	PC Board, PC-395AA, CH SW, PCB	302-323-9-001
	PC Board, PC-477AA, COUNTER/TIME SWITCH, PCB ..	302-376-9-001
	PC Board, PC-478AA, SWITCH, PCB	302-377-9-001
	PC Board, PC-479AA, SP JACK, PCB	302-378-9-001
	PC Board, PC-480AA, PHONE JACK, PCB	302-379-9-001
	PC Board, PC-481AA, RECORD JACK, PCB	302-380-9-001
	PC Board, PC-497AA, MAIN, PCB	302-381-9-001
	PC Board, PC-519AA, AC/DC SWITCH, PCB	302-382-9-001
	PC Board, PC-370AA, COUNTER, PCB	302-383-9-001
	CH, LED, PCB	302-384-9-001
	SQ, VOL, PCB	302-385-9-001
FT-1	Filter, Ceramic, FL-050	143-005-9-002
FT-2	Filter, Crystal, FL-046	143-006-9-002
FT-3	Filter, Crystal, FL-067	143-010-9-001
S-402	Switch, Rotary, SR-209 CHANNEL	083-241-9-002
S-403	Switch, Rotary, SR-231 MODE	083-249-9-001
S-409,410,411,	Switch, Push, SW-084 TIME SET/HOUR/MINUTE	088-051-9-001
S-415,416,417	Switch, Push, SW-174 COUNTER/AUTO/TIME	088-051-9-002
S-412,413,414	Switch, Push, SW-175 ALARM/RADIO/ALARM SET	088-051-9-003
S-401	Switch, Push, SW-177 POWER	088-051-9-004
S-408	Switch, Lever, SW-151 SP1/SP1+2/SP2, SWR/CAL/MOD	080-010-9-001
S-405,406,407	Switch, Lever, SW-152 ANL/N B, PA/CB	080-010-9-002
S-418	Switch, Slide, SW-099	084-065-9-003
SP-402	Speaker, SP-058 EAF-14R06B	580-030-9-001
SP-401	Speaker, SP-003	580-013-9-001
M-401	SWR/MOD Meter, MT-173	320-103-9-001
M-402	S/RF Meter, MT-172	320-104-9-007
	Microphone, MK-091	562-024-9-001
PL-401	Pilot Lamp, PL-068-002 RX	400-060-9-001
PL-402	Pilot Lamp, PL-068-004 TX	400-060-9-002
PL-403,404	Pilot Lamp, PL-068-006 Meter	400-060-9-003
PL-405	Pilot Lamp, PL-068-008 USB	400-060-9-004
PL-406	Pilot Lamp, PL-068-012 AM	400-056-9-001

**CIRCUIT
SYMBOL**

DESCRIPTION

**DYNASCAN
PART NO.**

MISCELLANEOUS (Continued)

PL-407	Pilot Lamp, PL-068-014	LSB	400-060-9-005
J-405	Jack, JK-005-002	.....	773-094-9-001
J-401, J-402	Jack, JK-010	.....	772-025-9-001
J-403, J-406			
J-409		JK-032-001	773-096-9-001
J-410		JK-032-013	773-096-9-002
J-411		JK-032-017	773-096-9-003
J-412		JK-032-002	773-081-9-004
J-407	Receptacle, DC Power,	JK-052	762-020-9-001
J-408	Connector, M Type, ANT,	JK-068	772-036-9-001
J-404	Jack, Microphone,	JK-107	773-092-9-001
PG-403	Plug,	PG-003	775-034-9-001
TP-1,3,4,6,9,10,501,502, 503	Terminal, Check Point,	TP-019	757-028-9-002
TP-7,8	Terminal, Check Point,	TP-027	757-032-9-002
F-401,402	Fuse, 4A	FS-012	194-005-9-001
	Holder, Fuse,	FH-002	742-035-9-001
	Insulation sheet,	YD-003-002, TR401.....	350-006-9-002
	Bushing, Transistor,	YD-004-001, TR401.....	350-006-9-001
	Insulation sheet,	YD-033, TR41	345-050-9-002
	Insulation sheet,	YD-039, IC6	342-046-9-002
	Insulation sheet,	YD-040, IC4	342-046-9-001
	Insulation sheet,	YD-003-004, SCR1.....	350-009-9-001
	Insulation sheet Almina,	YY-027, TR36,38.....	342-039-9-001
	Bushing, Tight Ceramic,	YY-036, TR36,38,41	759-084-9-001
	Push button,	YY-106, S401.....	384-028-9-001
	Clamper, Wire,	YY-047	380-278-9-001
	Clamper, Wire,	YY-049	380-284-9-002
	Clamper, Wire,	YY-048	380-284-9-001
	Clamper, Wire,	YY-023	380-309-9-001
	Bushing, Snap-In,	YY-025	380-280-9-002
	Bushing, Snap-In,	YY-024	380-280-9-001
	AC Power Cord,	WZ-022	420-027-9-001
	DC Power Cord,	W-070273	426-042-9-001
	Chassis,		257-112-9-001
	Metal Cover, Inner Top,		253-072-9-001
	Cover, Bottom,		252-026-9-001
	Chassis, Front,		254-033-9-001
	Cover, Side (R),		263-009-9-001
	Cover, Side (L),		263-009-9-002
	Panel, Rear,		262-022-9-001
	Holder, Lamp (A),		251-357-9-001
	Holder, Lamp (B),		251-362-9-001
	Holder, Meter,		251-357-9-002
	Holder, Switch,		251-357-9-003
	Holder, Capacitor (A),		251-363-9-001
	Holder, Transformer,		251-364-9-001
	Heat Sink,		747-070-9-001
	Heat Sink,		747-070-9-002
	Heat Sink,		747-064-9-001
	Shield Case,		256-081-9-001
	Shield Case Cover, Top,		256-081-9-002
	Bracket, Switch,		251-227-9-001
	Holder, Knob,		251-365-9-001
	Hanger, Microphone,		741-074-9-001
	Lug Terminal, Ground,		740-024-9-001

**CIRCUIT
SYMBOL**

DESCRIPTION

**DYNASCAN
PART NO.**

MISCELLANEOUS (Continued)

Shield Plate,	256-063-9-001
Punching Metal,	261-079-9-001
Shield Case Cover, Bottom,	256-081-9-003
Lug Terminal, Ground,	345-062-9-001
Cover, Top, Wood,	253-073-9-001
Panel, Front,	255-180-9-001
Knob, Channel (completed),	751-168-9-001
Knob, (completed),	751-168-9-004
Knob, Push-button, (completed)	751-168-9-007
Knob, Concentric, Outer, (completed)	751-172-9-001
Knob, Concentric, Inner, (completed)	751-172-9-004
Bushing, Polyethylene,	381-074-9-001
Nameplate, Control (A),	600-055-9-001
Nameplate, Control (B),	600-055-9-002
Nameplate, Brand,	600-055-9-003
ID Plate, FCC,	600-055-9-004
Label, Fuse Replacement,	483-346-9-001
Label, Caution, Side,	483-346-9-002
Label, Caution, Bottom,	483-346-9-003
Label, Serial No.,	483-338-9-001
Label, Production Date,	483-337-9-004
Label, Warning, DC Cord,	484-035-9-001
Panel, Front Display,	250-178-9-001
Optical Filter, Clock	380-316-9-001
Optical Filter,	380-316-9-002
Optical Filter,	763-115-9-003
Optical Filter,	763-115-9-004
Optical Filter, Display,	763-115-9-005
Knob, Push-Button,	384-029-9-001
Stud,	763-124-9-001
Spacer,	759-088-9-001
Cushion,	502-113-9-003
Cushion,	502-113-9-004
Washer, Rubber,	347-075-9-001
Washer, Bakelite,	347-080-9-001
Optical Shielding Cloth,	763-124-9-002
Insulation Plate,	343-023-9-005
Cushion,	769-097-9-001
Coil Spring,	767-059-9-001
Cushion,	502-120-9-001
Screw, Bind Hd, Ni, M2.6 x 4	634-073-9-001
Screw, Bind Hd, Ni, M2.6 x 6	634-099-9-002
Screw, Bind Hd, Ni, M2.6 x 10	634-088-9-004
Screw, Bind Hd, Ni, M3 x 5	634-067-9-002
Screw, Bind Hd, Ni, M3 x 8	634-067-9-001
Screw, Bind Hd, Ni, M3 x 14	634-114-9-001
Screw, Bind Hd, Ni, M4 x 10	634-084-9-001
Screw, Bind Hd, Ni, M5 x 14	634-105-9-001
Screw, Flat Hd, Ni, M3 x 6	634-081-9-004
Screw, Oval Countersunk Hd, M3 x 6	634-105-9-002
Tapping, Screw, Bind Hd, ZMC, 3 x 6	710-044-9-001
Tapping, Screw, Bind Hd, ZMC, 3 x 8	710-032-9-002
Tap Tight Screw, Bind Hd, ZMC, M3 x 6	710-021-9-004
Tap Tight Screw, Bind Hd, ZMC, M3 x 8	710-036-9-002
Tap Tight Screw, Bind Hd, ZMC, M3 x 12	710-037-9-001
Tap Tight Screw, Bind Hd, ZMC, M3 x 14	710-032-9-001
Self-tap Screw, Round Hd, Ni, 3.1φ x 10	634-105-9-003
Screw, Pan Hd, Plastic, M3 x 6	634-051-9-001
Tapping, Screw, Trass Hd, B, Ni, 3φ x 8	710-037-9-002

**CIRCUIT
SYMBOL**

DESCRIPTION

**DYNASCAN
PART NO.**

MISCELLANEOUS (Continued)

Nut, Flange, ZMC, M4	653-037-9-001
Nut, Hex, Ni, M3	634-024-9-001
Nut, Hex, Ni, M2.6	653-030-9-001
Washer, Flat, Ni, 3φ	724-021-9-001
Washer, Flat, Ni, 5φ	724-031-9-001
Washer, Spring, Ni, 3φ	731-050-9-001
Washer, Spring, Ni, 2.6φ	731-0499-002
Foot, 25φ x 17H	381-058-9-001
Spring Plate, Knob, CH	763-084-9-004
Spring Plate, Knob, Outer,	763-085-9-005
Spring Plate, Knob, Inner,	763-084-9-003
Strain Relief, HEYCO 3P-4	763-111-9-002
Rivet, AL, ID Plate,	733-022-9-001
Terminal, Lug, Solder,	345-052-9-001
Vinyl Bag, Miscellany, 100 x 120 x 0.05t	502-100-9-002
Vinyl Bag, Microphone, 110 x 600 x 0.05t	502-100-9-003
Vinyl Bag, Cords, 120 x 280 x 0.05t	502-100-9-004
Vinyl Bag, Printed Matters, 170 x 320 x 0.05t	502-100-9-005
Vinyl Bag, SP Box, 320 x 500 x 0.1t	502-116-9-001
Vinyl Bag, Unit	502-111-9-001
Accessories Box,	500-382-9-001
Display Box,	500-404-9-001
Protection Paper Sheet,	502-113-9-005
Shipping Carton Box,	500-404-9-002
Styrofoam Pad (R),	503-130-9-001
Styrofoam Pad (L),	503-130-9-002
Styrofoam Pad (C),	503-157-9-001
Owners Manual,	480-236-9-001
Schematic Diagram/Bill of Material,	488-228-9-001
Warranty Card,	491-191-9-001
Service Station Card,	492-042-0-000
FCC Application Form,	
Temporary Permit Form 555-B,	
FCC Rules Part 95,	492-047-9-001

MISCELLANEOUS (SEPARATE SPEAKER BOX)

Bracket, Front Panel (R),	251-357-9-004
Bracket, Front Panel (L),	251-357-9-005
Cover, Bottom,	253-068-9-002
Panel, Rear,	253-068-9-003
Baffle Board,	260-165-9-001
Panel, Front,	255-174-9-002
Grille, Speaker (A),	261-076-9-001
Grille, Speaker (B),	261-076-9-002
Cover, Top, Wood,	290-004-9-002
Plate (A),	260-165-9-002
Plate (B),	260-165-9-003
Plate (C),	260-165-9-004
Plate (D),	260-165-9-005