

PARTS LIST: 147 ROTOR AMPLIFIER — 234V, 50Hz (052969) — 250V, 50Hz (052977)

147 UK ROTOR AMPLIFIER — 234/250V, 50Hz (064287)

- Power Supply Board, Complete**
 D1, 2, 3, 4 Rectifier, Silicon, 800 PIV, 1 Amp 055269
 R1 Resistor, 8 Ohm, 5 Watt, 10% (wire wound) 021493

- Rotor Amplifier Chassis**
 C1, 2, 3 Capacitor, Mylar, .1 mfd, 600 V, 10% 027318
 C4 A, B Capacitor, Electrolytic, 30-30-30-10 mfd, 475VDC 029892
 FZ1 Fuse, 1.5 Amp, 125 Volt "Slo-Blo" 021766
 L1 Choke, Filter, Triad 055111
 P1 Plug, 6 Pin, Amphenol 060442
 P2 Plug Assy, 5 Pin - Jumper 017574
 Relay, Single Pole, Double Throw, 115 V, 50/60 Hz 027649
 Relay, Single Pole, Double Throw, 250 V, 50/60 Hz 019299
 S2 Socket, 5 Contact, Eby 029652
 S3, 4, 5, 6 Socket, AC 055137
 T1 Transformer, Power, 234/250 Volt, 50/60 Hz 011015

* 250 V relay replaces 115 V relay in 147 UK Rotor Amplifier.

147 REVERB AMPLIFIER, 234/250 VOLT 50/60 Hz (022905)

- Power Supply Board, complete**
 C23 Capacitor, Electrolytic, 50 mfd, 15 VDC 061465
 D5, 6, 7, 8 Rectifier, Silicon, 800 PIV, 1 Amp 028324
 D9 Rectifier, Silicon, 100 PIV, 1 Amp 055228
 R26 Resistor, 820 Ohm, 1/2 Watt, 10% 021154
 R27 Resistor, 2.2K, 1/2 Watt, 10% 028373
 R28 Resistor, 47K, 1/2 Watt, 10% 028571
 R28 Resistor, 47K, 1/2 Watt, 10% 028506

- Reverb Amplifier Chassis**
 C24A, B, C, D Capacitor, Electrolytic, 30-30-30-10 mfd, 475 VDC 029692
 FZ2 Fuse, 3/4 Amp, 250 Volt "Slo-Blo" 029884
 F7RV Plug, 2 Pin, Eby 029165
 P7RV Plug, 2 Pin, Eby 029785
 P10 Cable Assembly, 29" w/Plug 029876
 P12, 13 Plug, Phono 029876
 R40 Resistor, 12K, 1 Watt, 10% 028035
 R41 Resistor, 470 Ohm, 1/2 Watt, 10% 028068
 R44 Resistor, 470 Ohm, 1/2 Watt, 10% 028068
 S7RV Socket, 2 Contact 029298
 S11 Socket, 2 Contact 029298
 T3 Transformer, Power, 117 V, 60 Hz 016923
 T4 Transformer, Output 025411

*AMF
 Pattern and Brownfield
 KR-1800-4*

ROTOR AMPLIFIER — 117 VOLT, 50Hz (053264)
117 VOLT, 60Hz (050039)

Power Supply Board, complete	055269
D1, 2, 3, 4 Rectifier, Silicon, 800 PIV, 1 amp.	055228
R1 Resistor, 8 ohm, 5 watt, 10%, wirewound	021493
Rotor Amplifier Chassis	
C1, 2, 3 Capacitor, Mylar, .1mfd., 600V, 10%	027318
C4A, B, C, D Capacitor, Electrolytic, 30-30-30-10 mfd., 475VDC	029892
C5, 6 Capacitor, .1mfd, 600V, 10%	027318
C7, 8 Capacitor, Disc, 100pf, 1000V, 20%	028027
C9 Capacitor, Electrolytic, 200mfd., 50V	020081
FZ 1 Fuse, 1½ amp, 125V "Slo-Blo"	021766
P1 Plug, 6 pin, Amphenol	060442
P2 Plug Assy, 5 Pin — Jumper	017574
R2, 3 Resistor, Wire Wound, 8 ohm, 10W, 10%	010934
R4 Potentiometer, Audio Taper	028803
R5 Resistor, 820 ohms, ½watt, 10%	028373
R6, 7 Resistor, 56K, 1watt, 5%	020206
R8 Resistor, 220K, ½watt, 5%	020222
R9 Resistor, 18K, ½watt, 5%	028472
R10 Resistor, 220K, ½watt, 10%	013615
R11 Resistor, 56K, ½watt, 10%	024133
R12 Resistor, 10K, 1watt, 10%	020214
R13 Resistor, 56K, ½watt, 10%	024133
R14 Resistor, 470 ohms, ½watt, 10%	028068
R15 Resistor, 150 ohms, 10watts, 10% (wire wound)	020115
Rel 1 Relay, 115 Volt, 50/60 Hz Single Pole Double Throw	027649
S2 Socket, 5 contact — Eby	029652
S3, 4, 5, 6 Socket, AC	055137
S7 Socket, 2 contact	029298
S10 Socket, AC	055137
T1 Transformer, Power, 117Volt/60Hz.	011007
T1 Transformer, Power, 117Volt/50Hz.	016196
T2 Transformer, Output	055103
V1 Tube, 12AU7A	029033
V2, 3 Tube, 6550	022301
V4 Tube, OC3	022319
L1 Choke, Filter, Triad	055111
Not Shown Switch, Rotary, Single Pole, Double Throw	033407
Not Shown Retainer, Capacitor	060988
Not Shown Knob, Bar - Black	020289
Not Shown Socket, Elect. Capacitor	055210
Not Shown Socket, 8 Contact-Octal (for tubes 6550; OC3)	020321
Not Shown Socket, 9 Contact (for tube 12AU7A)	020339

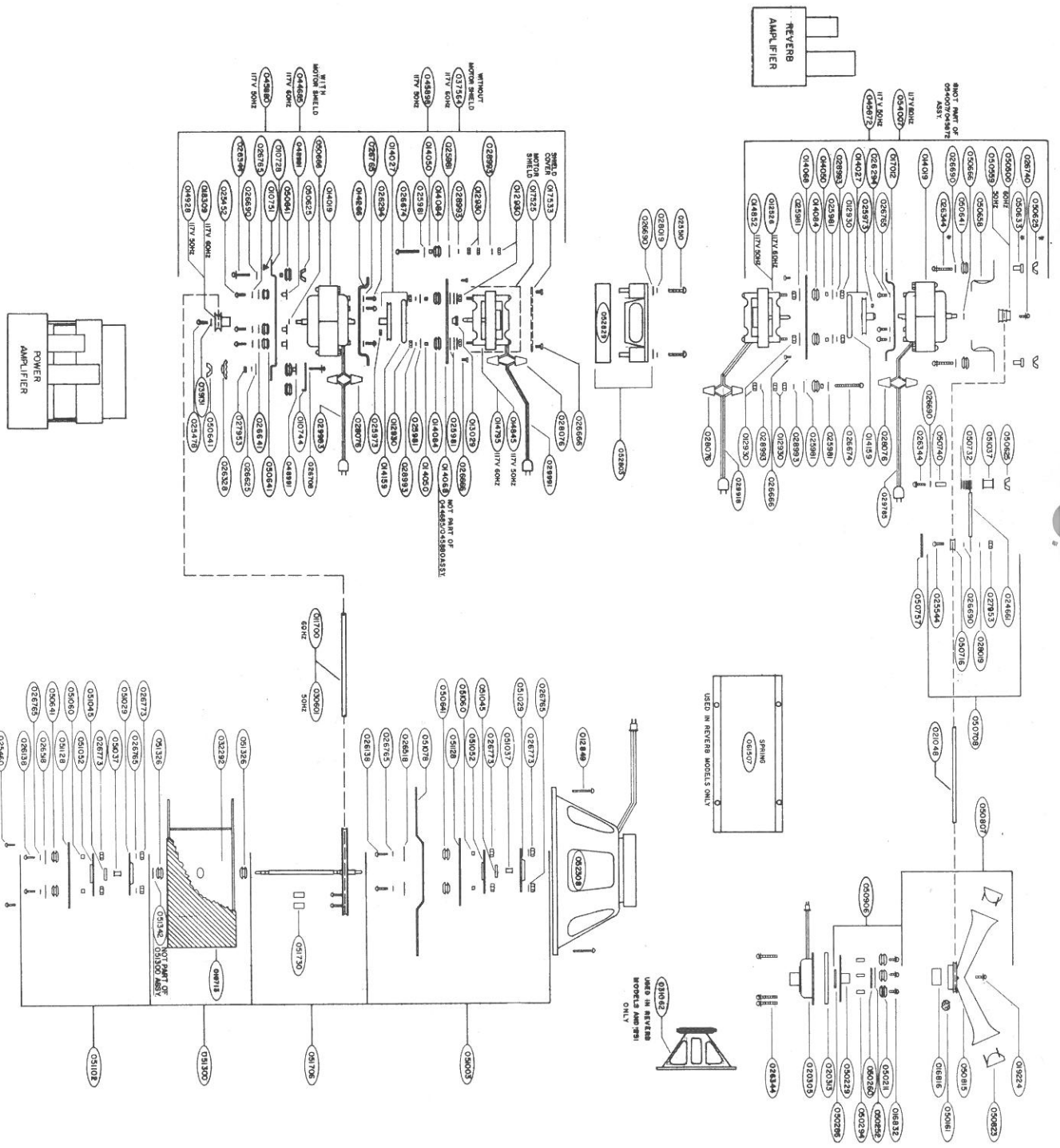
DIVIDING NETWORK (052803)

C16 Capacitor, Paper, 12.5 mfd/7.8 mfd, 50 VDC, 5%	052852
L2 Inductor, 3.2 MH	052837
L3 Inductor, 5.2 MH	052845
P7 Plug, 2 Pin, Eby	029165
S8 Socket, 4 Contact	018929
S9 Socket, 2 Contact	052860
Not Shown Spacer Ring	052829

REVERB AMPLIFIER (061440)

Rectifier Circuit Assembly, Complete	061465
C23 Capacitor, Elect., 50mf, 15VDC	028324
D5, 6, 7, 8 Rectifier, Silicon, 800PIV, 1A	055228
D9 Rectifier, Silicon, 100PIV, 1A	021154
R26 Resistor, 820Ω	028373
R27 Resistor, 2.2KΩ	028571
R28 Resistor, 47KΩ	028506
Preamplifier Circuit Assembly, Complete	060061
C18, 19 Capacitor, Disk, 100pf, 1000V, 20%	028027
C20 Capacitor, Elect., 50mf, 15V	028324
C21, 22 Capacitor, Elect., 5mf, 50V	028589
C33 Capacitor, Elect., 10mf, 12V	028415
M1, 2 Lamp, #19	061515
Q1, 2 Transistor 2N3859A, NPN	061366
R19 Resistor, 15Ω	018051
R20 Resistor, 3.9KΩ	028563
R21 Resistor, 470Ω	028068
R22 Resistor, 5.6KΩ	024844
R23 Resistor, 3.9KΩ	028563
R24 Resistor, 18KΩ	018028
R25 Resistor, 100KΩ	028498
R29 Resistor, 82KΩ	027102
R31 Resistor, 150KΩ, 1W, 10%	024117
R44 Resistor, 100KΩ	028498
Amplifier Circuit Assembly (Less tubes; C24; R40, R41)	022137
C24A, B, C, D Capacitor, 30-30-30-10mf, 475V	029892
C25 Capacitor, Disk, .02mf, 500V, 10%	028423
C26 Capacitor, Disk, .0047mf, 100V, 10%	028431
C28 Capacitor, Elect., 10mf, 12VDC	028415
C29 Capacitor, Disk, 470pf, 1000V, 20%	028662
C30 Capacitor, Disk, .02mf, 500V, 10%	028423
C32 Capacitor, Elect., 500mf, 6V	028407
P7RV Plug, 2 Pin—Eby	029165
P12, 13 Plug, Phono	029876
R30 Resistor, 220Ω	028381
R32 Potentiometer, 10KΩ, Audio Taper	021014
R33 Resistor, 100Ω	028399
R34 Resistor, 2.2KΩ	028571
R35 Resistor, 150KΩ	028357
R36 Resistor, 2.2KΩ	028571
R37 Resistor, 22KΩ, ½W, 5%	028365
R38, 39 Resistor, 270KΩ	028340
R40 Resistor, 12KΩ, 1W, 10%	028035
R41 Resistor, 470Ω	028068
R42 Resistor, 33Ω, 1W, 10%	028332
R43 Resistor, 22KΩ, ½W, 5%	028365
S7, S7RV, S11 Socket, 2 Contact	029298
T3 Transformer, Power, 117V, 50/60Hz	061523
T4 Transformer, Output	025411
V6 Tube, 12AU7A	029033
V7, 8 Tube, 7189	029025
V9 Tube, OB2	029017
FZ2 Fuse, ¾A, 250V, Slo-Blo	029884
Not Shown Contact, Socket, Miniature (for M1, M2)	028670
Not Shown Tube Socket, 9 Contact	028449
Not Shown Tube Socket, 7 Contact	029306

NOTE: All resistors ½W, 10% unless otherwise noted.



EXPLODED VIEW: 145/147/147RV SPEAKERS

PARTS LIST: 145/147/147RV SPEAKERS

010728	Bracket, Motor Mounting	026518	Washer, No. 10 x 3/4" x 3/64"	050641	Grommet
010744	Locking Lever	026641	Washer, No. 8 x 31/32" x 1/16"	050658	"Z" Bracket, Motor Mounting
010751	Bumper, Neoprene	026666	Screw, No. 6 x 1/4"	050666	"C" Ring
011700	Belt, Drive, Lower, 60 Hz	026674	Screw, 6-32 x 2 1/4"	050708	Idle Assembly
012526	Motor, A5, 117V 60Hz	026690	Washer, No. 10 x 1/2" x 1/16"	050716	Pulley and Bearing Assembly, Idle
012849	Screw, 10-24 x 1 1/4"	026708	Screw, 10-24 x 1 3/4" w/Int. Lockwasher	050732	Idle Spring
012930	Nut, Hex, 6-32 x 5/16" x 7/64"	026740	Washer, Lock No. 8 x 5/16" x .012"	050740	Bushing
013029	Slinger, Oil	026765	Washer, Lock No. 8 x 5/16" x .012"	050757	Pad, Neoprene 1" x 4" x 1/8"
014019	Motor, D10, 2 Shaft, 117V 50/60Hz	026773	Nut, Hex 8-32 x 1 1/32" x 1/8"	050807	Treble Horn Assembly
014027	Pulley Assembly, Rim Drive	027953	Nut, Hex 10-32 x 3/8" x 1/8"	050815	Treble Horn
014050	Bushing	028019	Washer, Lock No. 10 x 3/8" x .022"	050823	Reflector, Treble Horn Assembly
014068	Bracket, Small Motor Mounting	028076	Nut, Wire	051003	Spindle Assembly, Treble Horn
014084	Grommet	028893	Washer, Lock No. 6 x 9/32" x .018"	051006	Support Assembly, Rotor, Upper
014159	Ring, "O" 2.475" ID	029785	Cable Assembly, 117V, 29' long—brown	051029	Rotor Bearing Retainer, Upper
014266	Bracket, "U"	029918	Cable Assembly, 117V, 29' long—white	051037	Grommet
014795	Motor, A5, 117V 60Hz	029983	Cable Assembly, 117V, 9' long—brown	051045	Ball Bearing, Rotor
014845	Motor, A5, 117V 50Hz	029991	Cable Assembly, 117V, 9' long—white	051052	Rotor Bearing Retainer, Lower
014852	Motor, A5, 117V 50Hz	030601	Belt, Drive, Lower, 50Hz	051060	Bushing
014928	Pulley, Motor, 50Hz	031062	Speaker, 6" x 9", 16 Ohm	051078	Rotor Support, Upper
016816	Bearing Assembly, Treble Speaker	032292	Rotor, Wood 17" x 9"	051102	Ball Bearing Assembly, Lower Rotor
016832	Screw, 6-32 x 1 1/8"	037364	Motor Assembly, 2 Speed, 117V 60Hz	051128	Plate, Bearing
017012	Bracket, "U"	044685	Motor Assembly, 2 Speed, 117V 60 Hz Shielded	051201	Screw and Grommet Assembly
017525	Shield, Slow Motor Mount	045468	Belt, Drive, Upper, 50/60Hz	051300	Rotor and Grommet Assembly
018309	Pulley, Motor 60Hz	045872	Motor Assembly, 2 Speed 117V 50Hz	051326	Grommet
018713	Cover, Rotor, Large-Cloth	045880	Motor Assembly, 2 Speed 117V 50 Hz Shielded	051342	Washer 3/8" x 7/8" x 5/64"
019224	Screw, 6-32 x 5/8"	045898	Motor Assembly, 2 Speed 117V 50Hz	051706	Shaft and Pulley Assembly-Standard Cabinet
020305	Speaker, Treble Drive, 16 Ohm	048991	Bushing, Shoulder, #10	051730	Bushing, Rubber
020313	Ring, Spacer, Treble Driver	050161	Filter, Acoustic—Treble Horn	052308	Speaker, 15", 16 ohm
021048	Belt, Drive, 50/60Hz, Graphited	050211	Grommet	052803	Crossover Assembly, 16 Ohm 800 Hz
025452	Tubing, Neoprene 1/16" x 2 3/4"	050229	Spindle and Plate Assembly	052829	Ring, Spacer, Crossover Network
025460	Screw, 10-24 x 3/8"	050252	Washer, .876" x 1 3/8" x .012/.010"	054007	Motor Assembly, 2 Speed 117V 60Hz Reverb Unit
025510	Screw, 10-24 x 2 3/4"	050260	Washer, 1-1/16" x 1 1/2" x 1/8"	Not Shown:	
025544	Screw, 10-32 x 1 1/2"	050286	Washer, 5/8" x 1 1/2" x 1/8"	029085	Speaker Extension Cable (147RV only)
025650	Screw, No. 10 x 1/8"	050294	Bushing	024968	3-Way Socket w/AC plug and cable (RV models only)
025973	Screw, 10-32 x 3/16"	050500	Pulley, 3 Step, 60Hz		
025981	Washer, No. 6 x 9/16" x 3/64"		Pulley, 3 Step, 50Hz		
026138	Screw, 8-32 x 13/16"		Nut, Wing, 50Hz		
026294	Screw, 8-32 x 1/4"		Bushing, Shoulder		
026344	Screw, 10-24 x 1 1/2"				

COMPONENT VARIATIONS: 145/147/147RV SPEAKERS

For:	145/147/147RV 117V, 60Hz	147RV 117V, 50Hz	147RV 117V, 50Hz	147RV 234V, 50Hz	147RV 250V, 50Hz
Rotor Amplifier, 145/147	017749	053074	053074	052985	052993
Rotor Amplifier, 147RV	050039	053264	053264	052969	052977
Reverb Amplifier, 147RV	061440	061440	061440	053272	053280
Motor Assy, Bass Rotor	044685	054445	054445	054445	054445
Large Motor, Bass Motor Assy	014019	014019	014019	014019	014019
Small Motor, Bass Motor Assy	014076	045452	045452	045452	045452
Motor Assy, Treble Rotor	054007	045872	045872	045872	045872
Large Motor, Treble Motor Assy	014019	014019	014019	014019	014019
Small Motor, Treble Motor Assy	012526	014852	014852	030601	030601
Belt, Bass Rotor	011700	030601	030601	045468	045468
Belt, Treble Rotor	045468	045468	045468	014928	014928
Pulley, Bass Motor Assy	018309	018309	018309	050559	050559
Pulley, Treble Motor Assy	050500	050559	050559		