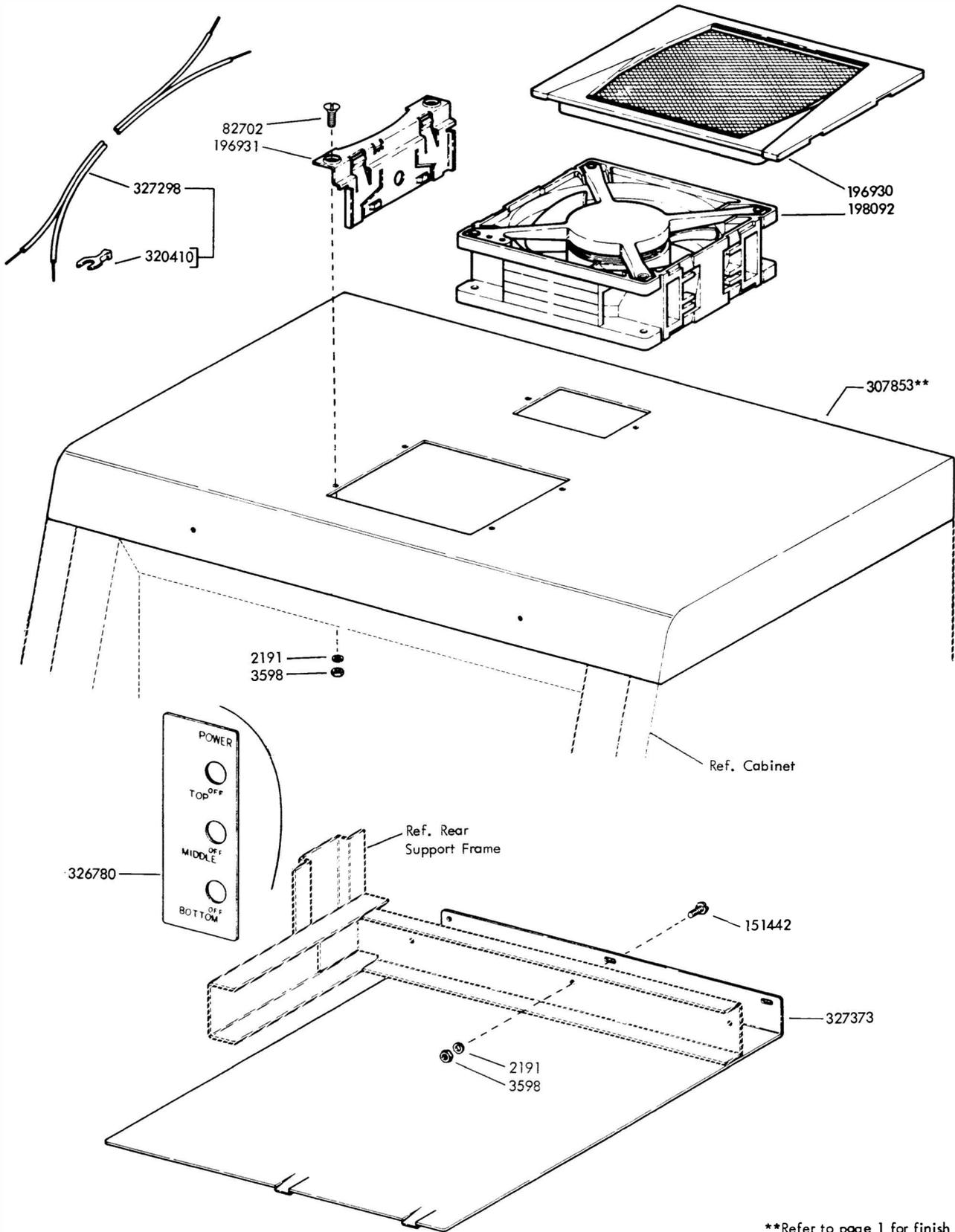


RADIO FREQUENCY INTERFERENCE (RFI) SUPPRESSION  
FEATURES FOR LOW LEVEL SETS  
28 MULTI-PAGE PRINTER CABINET  
PARTS

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8	323822 Electrical Service Assembly (Continued)	9	17	321132 Circuit Card	17
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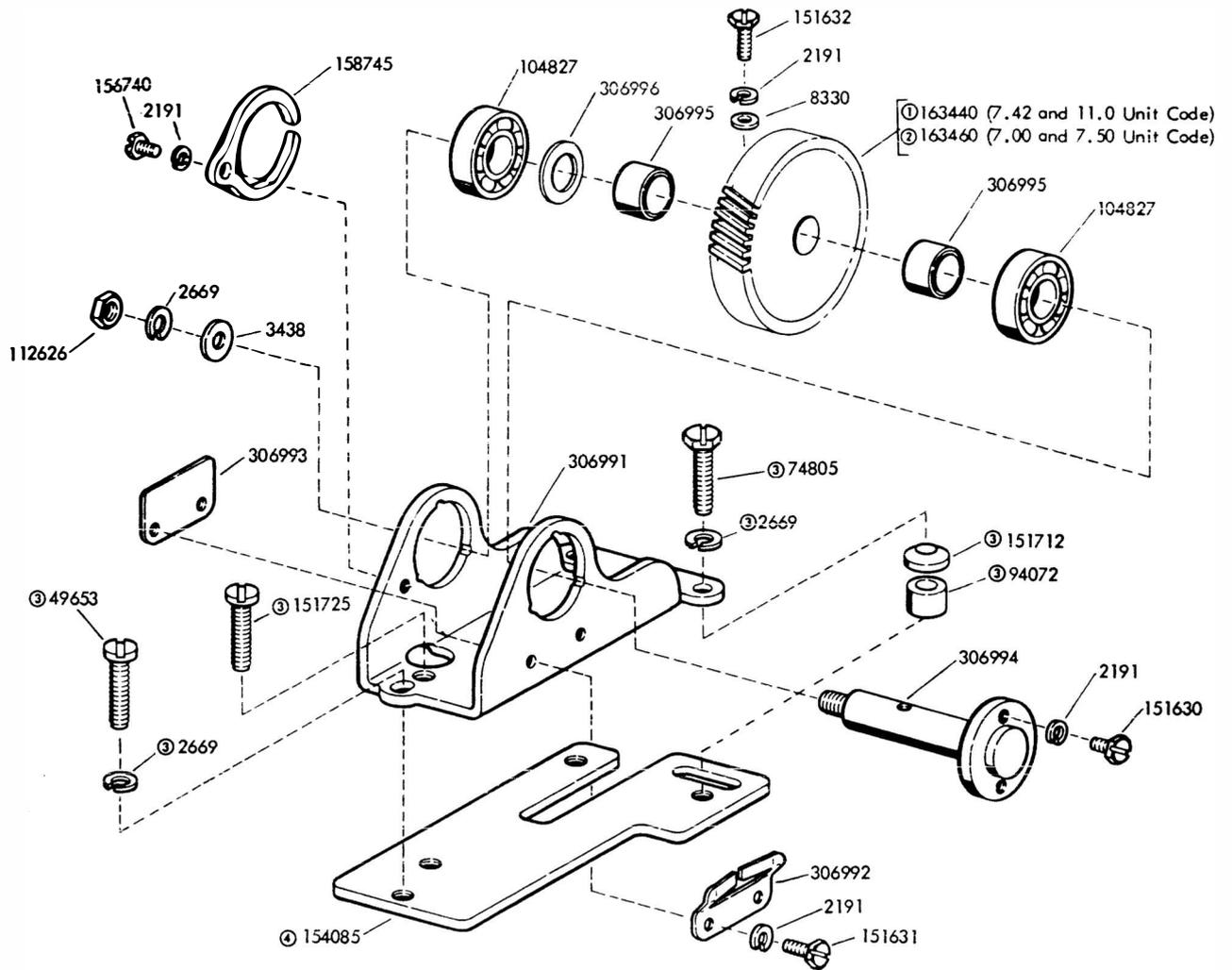
PAINT FINISH COLOR CODE CHART (For parts and assemblies requiring a paint finish)									
COLOR	Finish Suffix				COLOR	Finish Suffix			
	Wrinkle Finish	Smooth Finish	Textured Vinyl	Smooth Vinyl		Wrinkle Finish	Smooth Finish	Textured Vinyl	Smooth Vinyl
Aluminum		FA			Gray, Dark Metallic		BW		
Aqua, Light				HK	Gray, Federal		BV	GG	
Beige		ET			Gray, Light		EJ		HB
Beige, Light		EL		HC	Gray, Light Olive		EW	GE	HF
Beige, Rose		ER			Gray, Maritime Engine		BY		
Black	AA		GK		Gray, Maritime Deck	AJ	BJ		
Black, High Gloss		BA			Gray, Medium		BS		
Black, Semi Gloss		BB			Gray, Oxford		EP		
Blue, Aqua		EK			Green, Gray	AB	BK	GA	
Blue, Brussels Light		EC			Green, Moss		EN		HD
Blue, Medium		ES			Ivory		EM		HJ
Brown, Dark	AD				Pink, Rose		EU		
Brown, Light	AC				Red, Cherry		EF		
Brown, Mahogany		EQ		HG	Turquoise		EV		
Fawn					White		EH		
Gray, Beige			GC	HA	Yellow, Pastel		EG		
Gray, Charcoal	AL	BZ	GF						
Gray, Dark			GB	HE					
Gray, Dark Covert		FC							
Gray, Navy Light		BR							

The double asterisk (\*\*) denotes a painted part. Suffix to be applied following the part number.



\*\*Refer to page 1 for finish suffix

FIGURE 1. FAN AND DUST PLATE



- ① Peculiar to 326727
- ② Peculiar to 326730
- ③ Not part of 326727 and 326730

FIGURE 2. 326727 AND 326730 INTERMEDIATE GEAR ASSEMBLIES

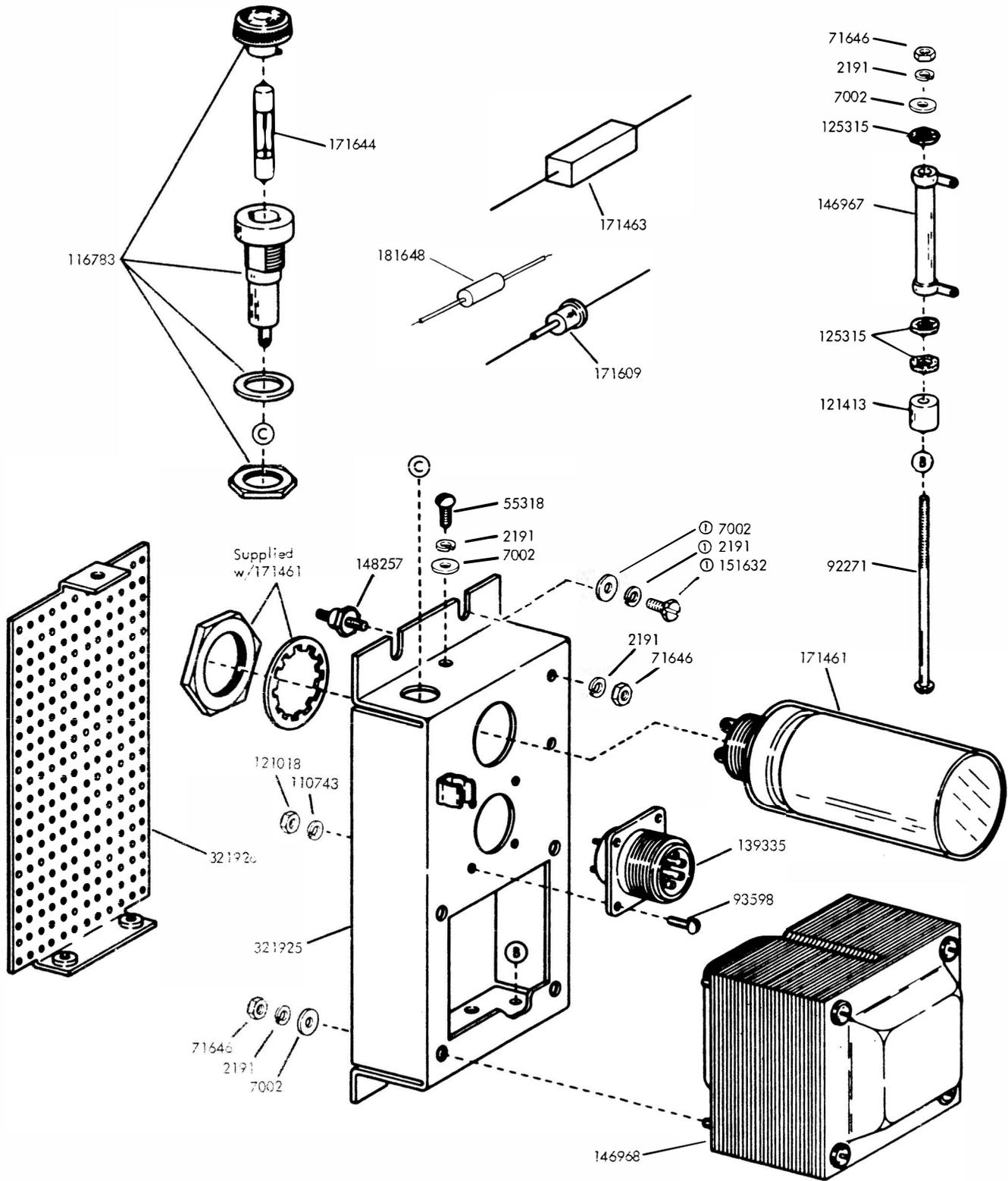


FIGURE 3. 146901 RECTIFIER ASSEMBLY

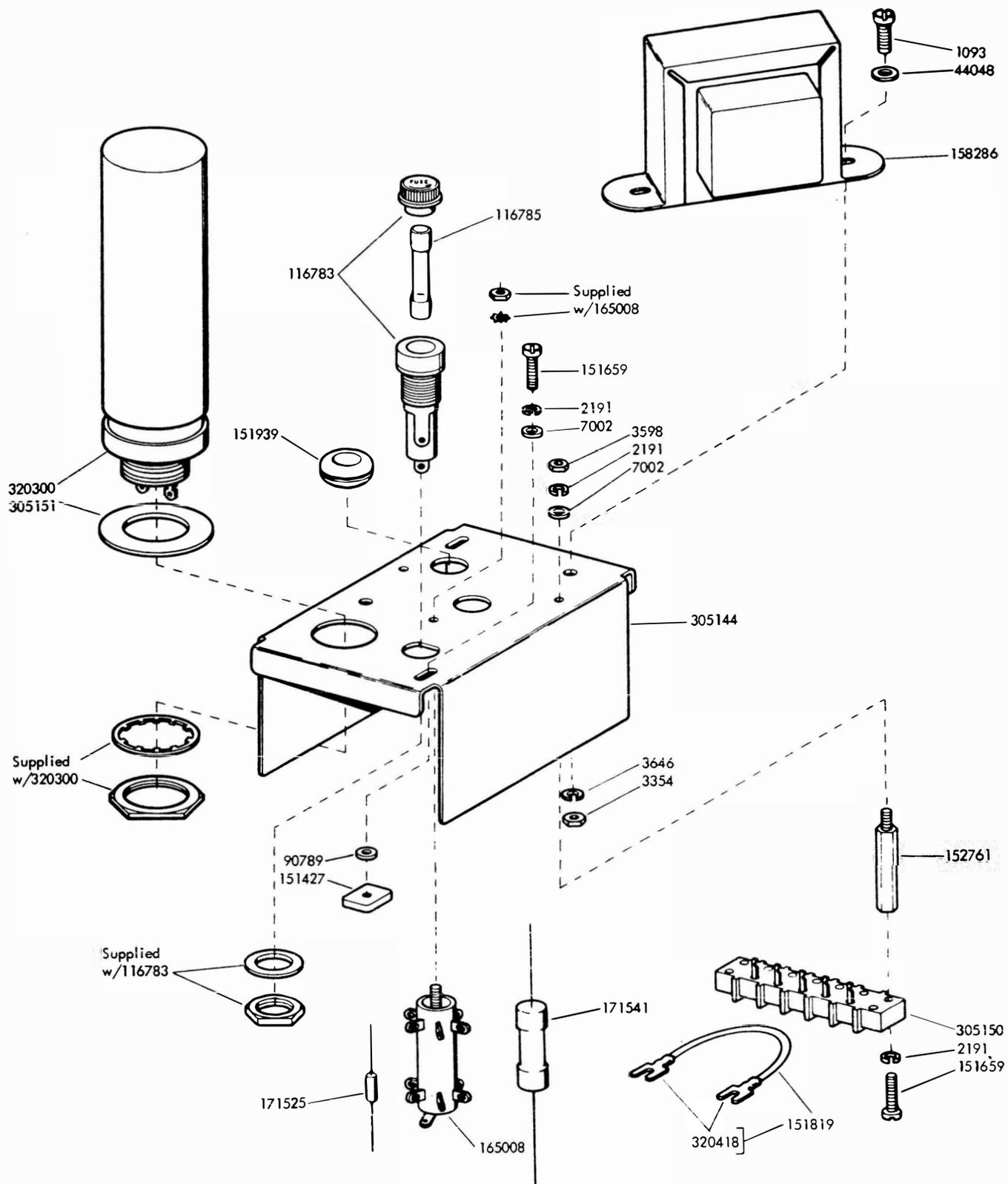


FIGURE 4. 305143 RECTIFIER ASSEMBLY



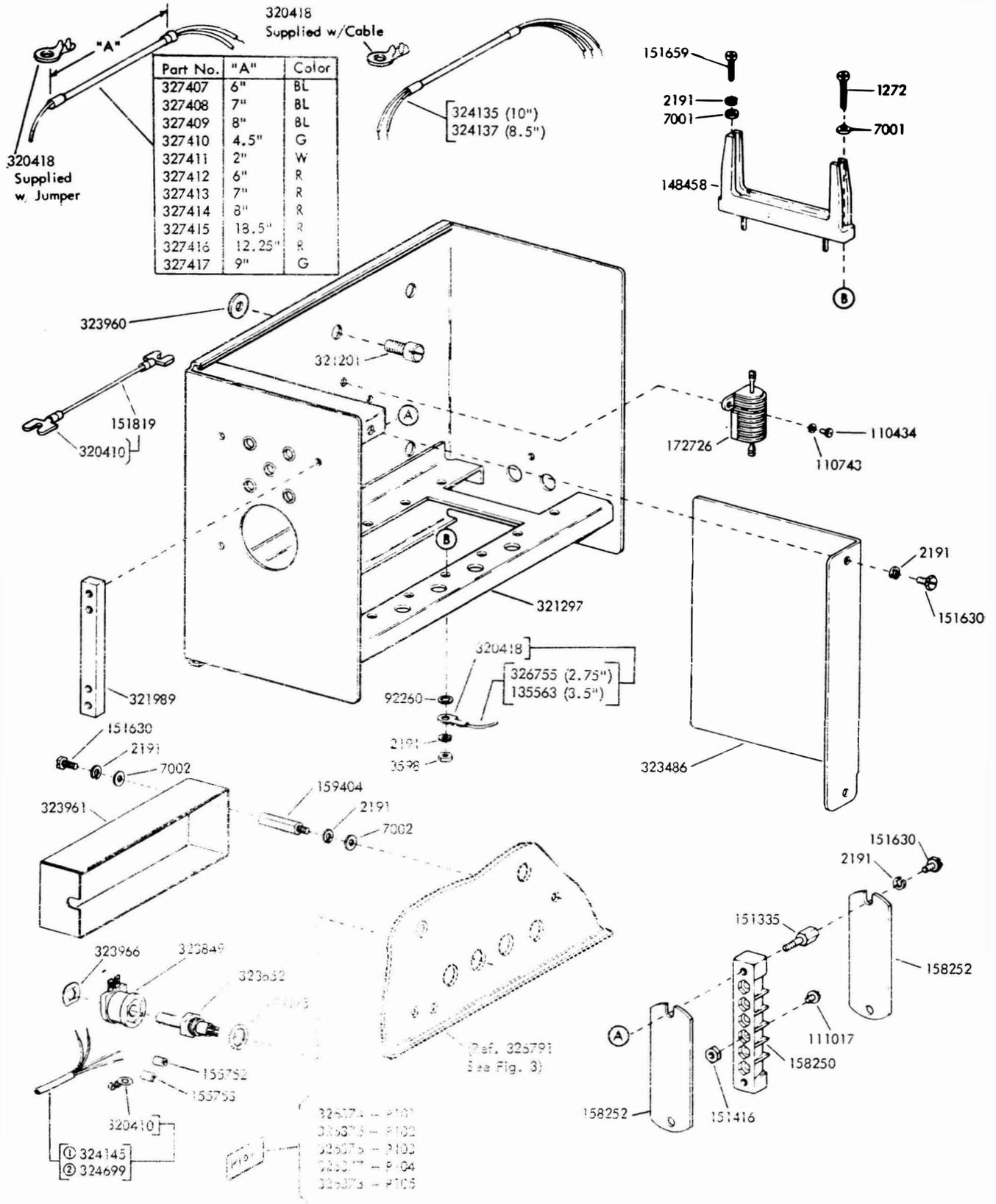


FIGURE 6. 323821 ELECTRICAL SERVICE ASSEMBLY (Continued)

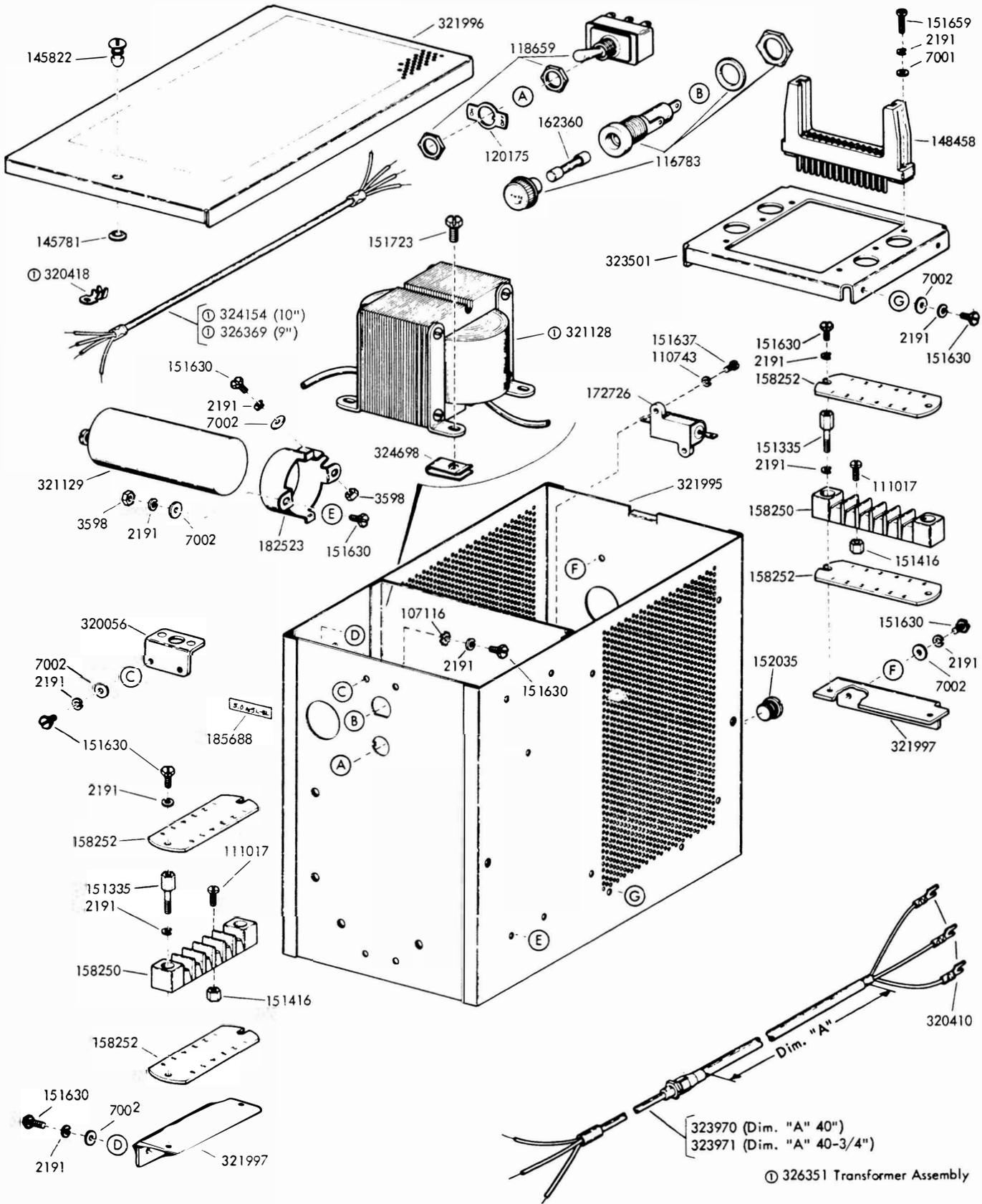
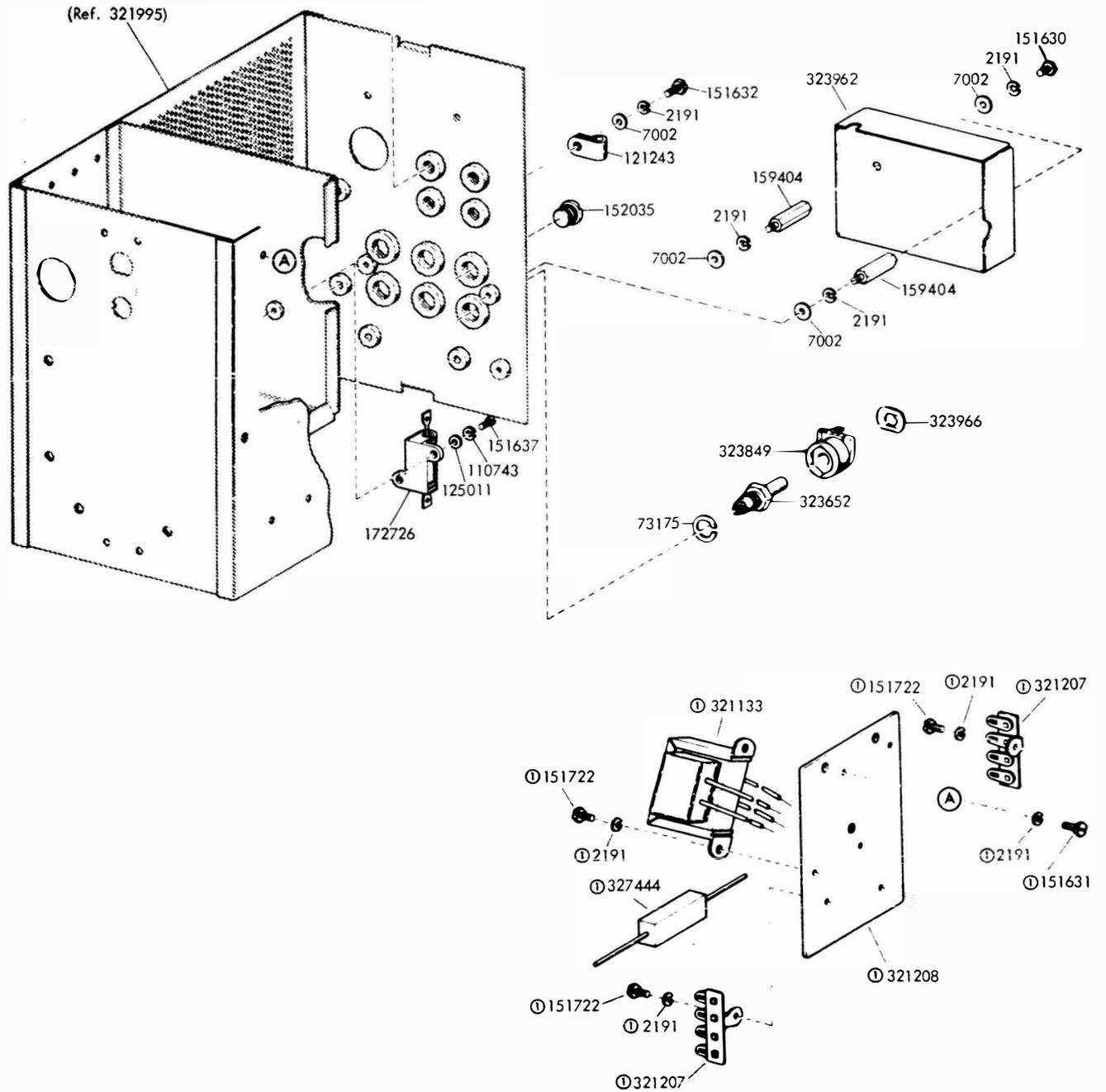


FIGURE 7. 323822 ELECTRICAL SERVICE ASSEMBLY



⓪ Part of 321205 Filter Assembly

FIGURE 8. 323822 ELECTRICAL SERVICE ASSEMBLY (Continued)



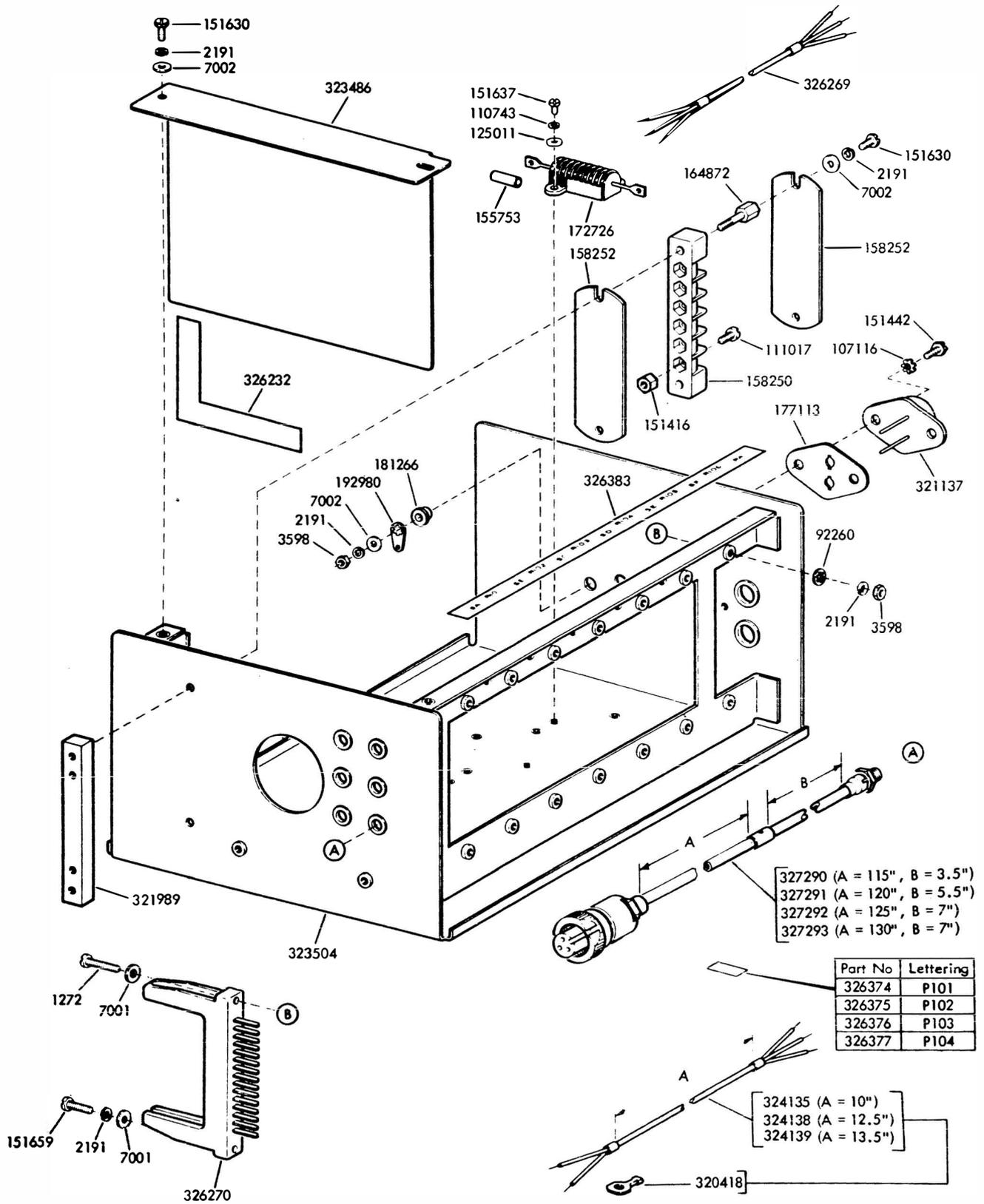


FIGURE 10. 321228 ELECTRICAL SERVICE ASSEMBLY (Continued)







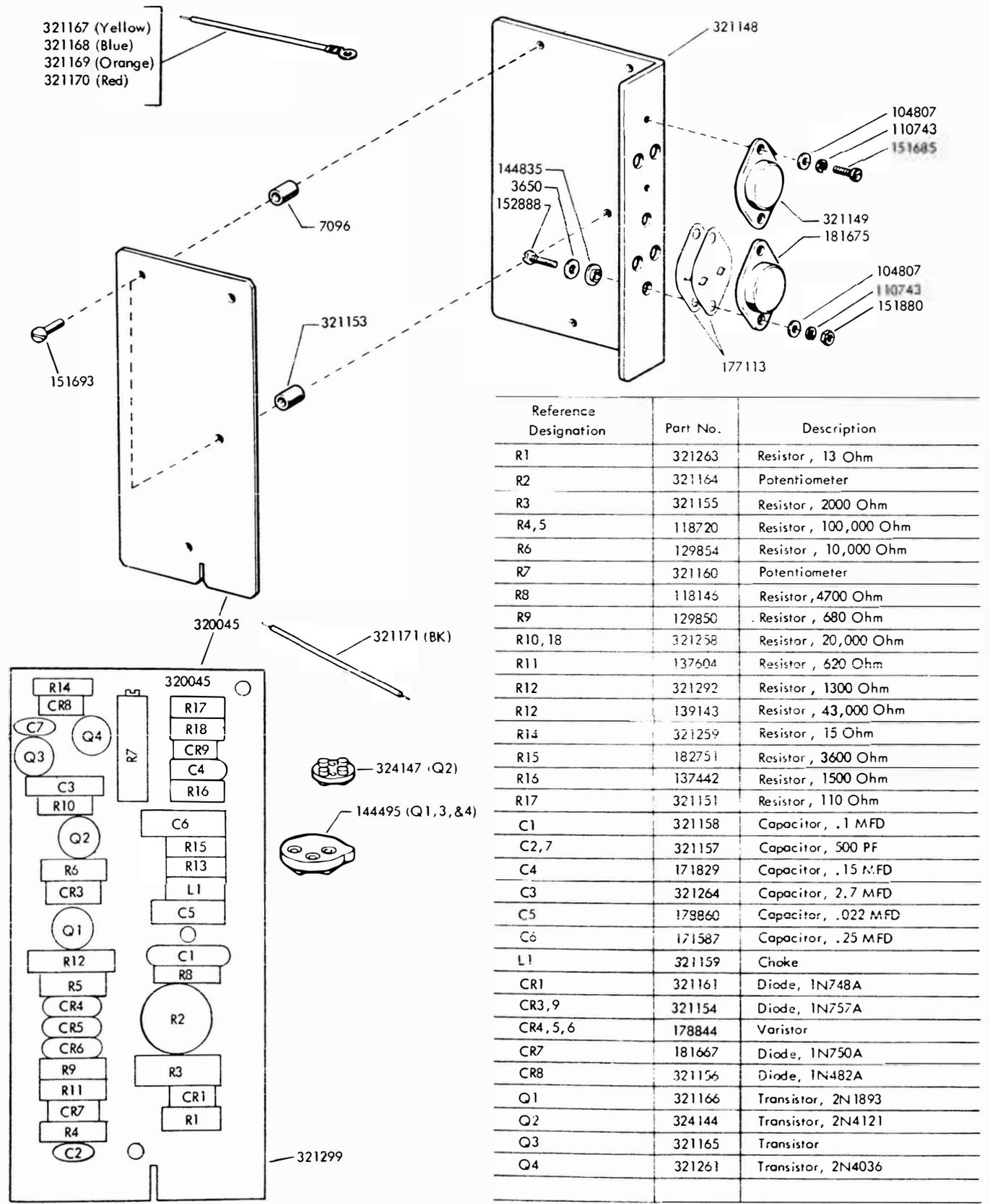
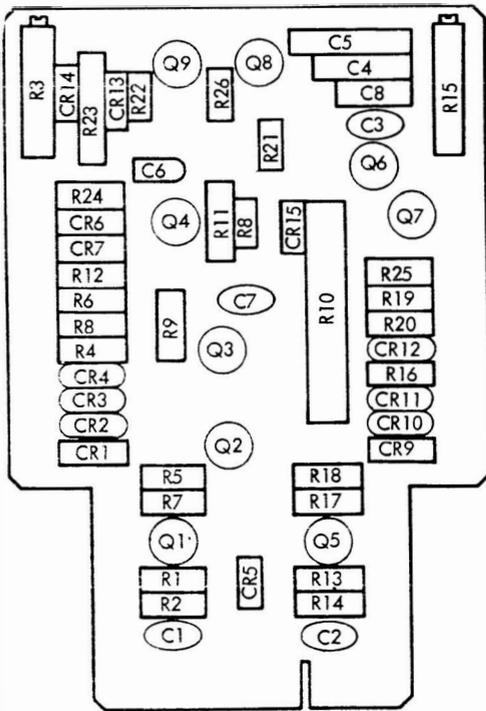
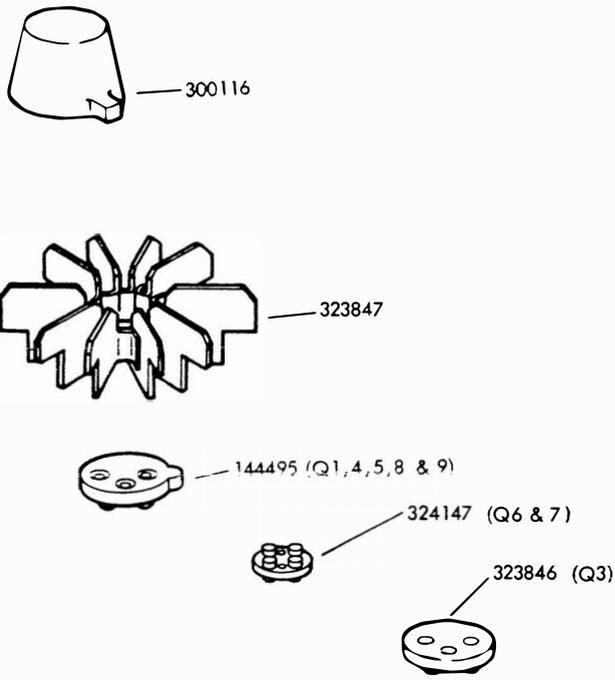
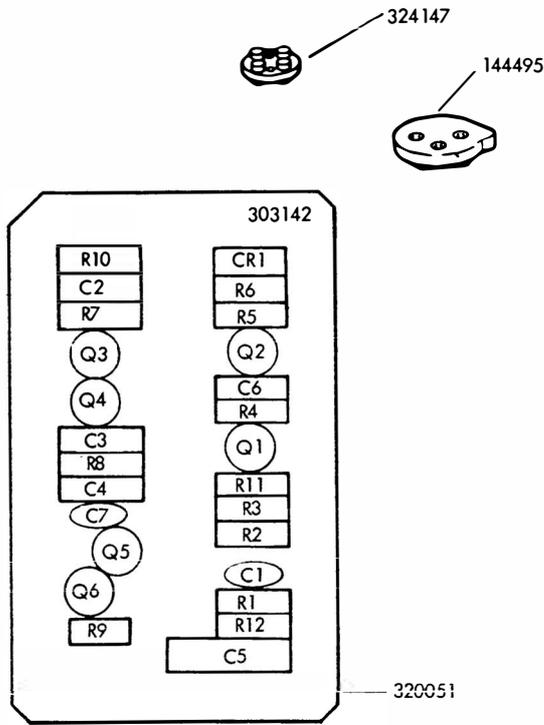


FIGURE 14. 321991 CIRCUIT MAGNET DRIVER ASSEMBLY



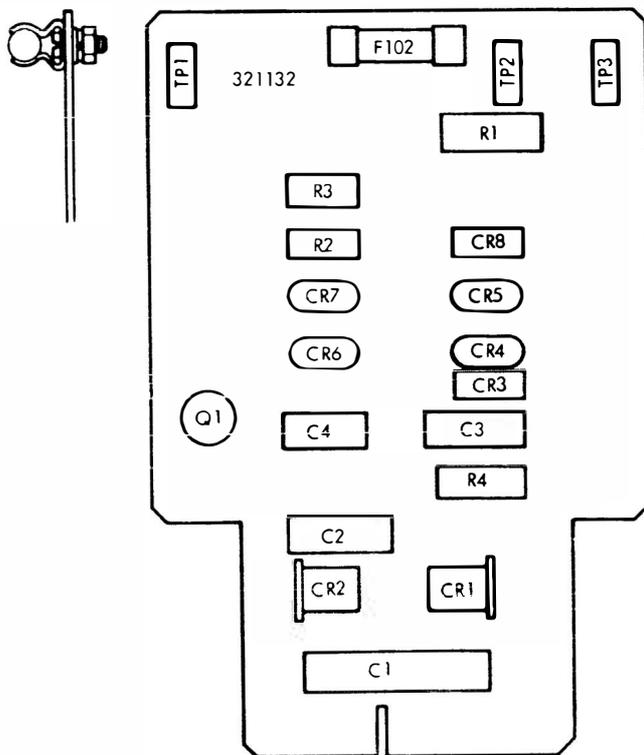
Reference Designation	Part No.	Description
C1, C2, C3, C7	321157	Capacitor, 500 PF
C4	171829	Capacitor, .15 MFD
C5	326776	Capacitor, .47 MFD
C6	321260	Capacitor, 1 MFD
C8	178860	Capacitor, .022 MFD
R1, R2, R13, R14	118720	Resistor, 100,000 Ohm
R3, R15	323964	Potentiometer
R4, R16	129854	Resistor, 10,000 Ohm
R5, R17, R22	118177	Resistor, 22,000 Ohm
R6, R19	137604	Resistor, 620 Ohm
R7, R18	118146	Resistor, 4,700 Ohm
R8, R20	129850	Resistor, 680 Ohm
R9	309868	Resistor, 1,300 Ohm
R10	323841	Resistor, 300 Ohm
R11	323842	Resistor, 21 Ohm
R12	178864	Resistor, 3,900 Ohm
R21	321975	Resistor, 33 Ohm
R23	323843	Resistor, 590 Ohm
R24	137442	Resistor, 1,500 Ohm
R25	118154	Resistor, 47,000 Ohm
R26	120424	Resistor, 4,300 Ohm
CR1	321154	Diode, 1N457A
CR2, CR3, CR4,	178844	Varistor
CR10, CR11, CR12	178844	Varistor
CR5	181667	Diode, 1N750A
CR6, CR7, CR13,	321156	Diode, 1N482A
CR15	321156	Diode, 1N482A
CR8	321161	Diode, 1N748A
CR9, CR14	321154	Diode, 1N457A
Q1, Q5	321166	Transistor, 2N1893
Q2	323844	Transistor, 2N3053
Q3	321261	Transistor, 2N4036
Q4	323845	Transistor, 40319
Q6, Q7	324144	Transistor, 2N4121
Q8	321165	Transistor, 2N3638A
Q9	321261	Transistor, 2N4036
	324147	Pad, Transistor Mounting
	144495	Pad, Transistor Mounting
	323846	Pad, Transistor Mounting
	323847	Sink, Heat
	300116	Cover, Insulating
	323835	Card, Circuit

FIGURE 15. 323810 CIRCUIT CARD - SELECTOR MAGNET DRIVER



Reference Designation	Part No.	Description
R1&3	118720	Resistor, 100,000 Ohm
R2	118178	Resistor, 220,000 Ohm
R4&8	129854	Resistor, 10,000 Ohm
R5&6	321204	Resistor, 13,000 Ohm
R7&10	118147	Resistor, 6800 Ohm
R9	137438	Resistor, 100 Ohm
R11&12	118146	Resistor, 4700 Ohm
CR1	181619	Diode, 1N482
C1&7	321157	Capacitor, 500 PF
C2	320048	Capacitor, .5 MFD
C3&4	320049	Capacitor, .15 MFD
C5	320047	Capacitor, 2 MFD
C6	181618	Capacitor, .01MFD
Q1,4&6	315930	Transistor, 2N3568
Q2	324144	Transistor, 2N4121
Q3&5	315931	Transistor, 2N368

FIGURE 16. 303142 CIRCUIT CARD



Reference Designation	Part No.	Description
C1	312284	Capacitor, 1.5 MFD
C2, C3	171585	Capacitor, .22 MFD
C4	178860	Capacitor, .022 MFD
CR1, CR2	321136	Diode, 1N4722
CR3, CR8	321286	Diode, 1N4749A
CR4, CR5, CR6,	178844	Varistor
CR7	178844	Varistor
R1	198937	Resistor, 2,700 Ohm
R2, R3	182180	Resistor, 200 Ohm
R4	305298	Resistor, 3,300 Ohm
Q1	321145	Transistor, 2N2270
F102	330517	Fuse, 1.5 Amp
TP1	320039	Jack, Black Test
TP2	320040	Jack, Orange Test
TP3	320038	Jack, Red Test
FC1, FC2	311068	Clip, Fuse
	151637	Screw, 4-40 x 1/4 Fil
	125011	Washer, Flat
	110743	Washer, Lock
	3599	Nut, 4-40

FIGURE 17. 321132 CIRCUIT CARD

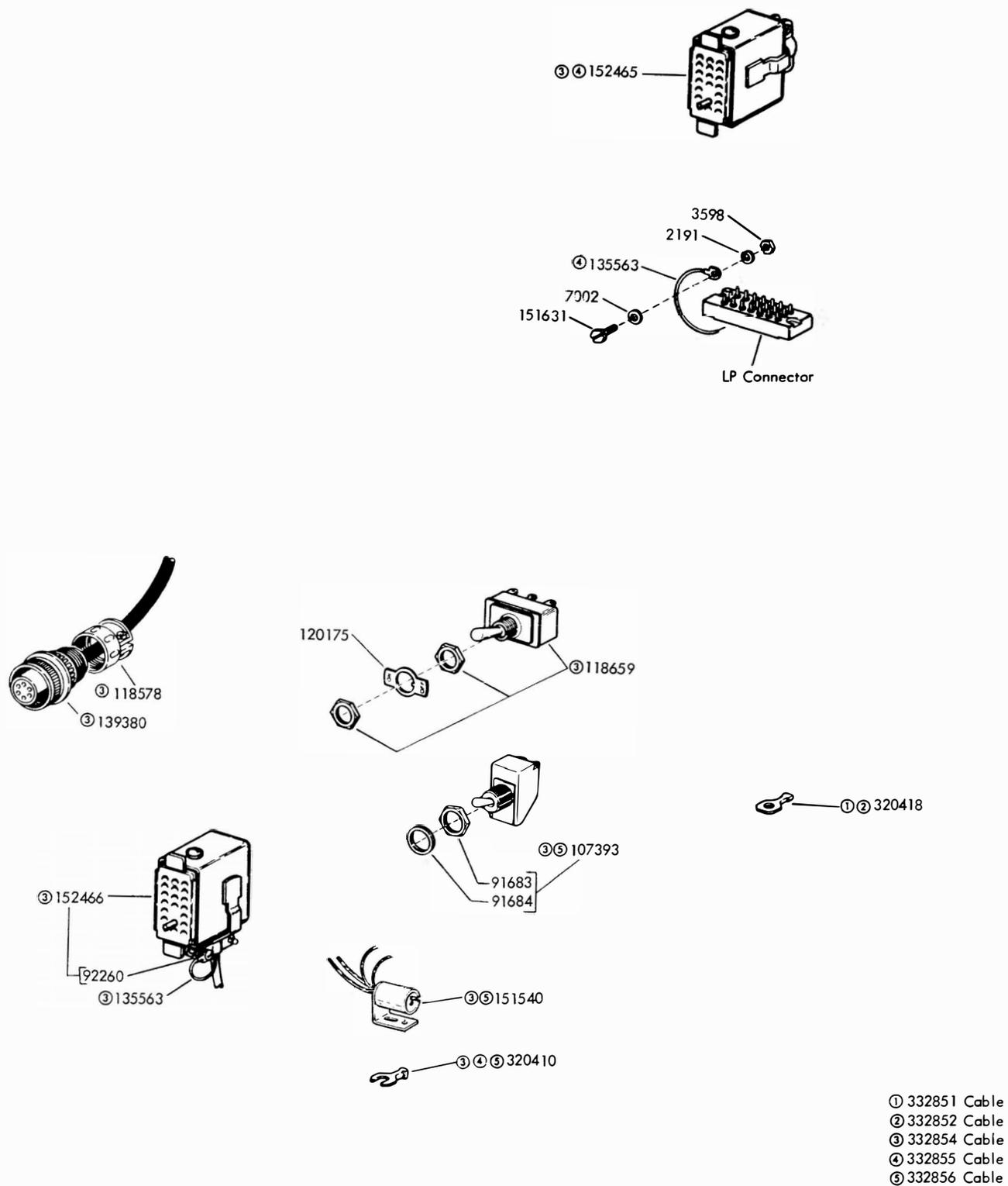


FIGURE 18. CABLE COMPONENTS

## NUMERICAL INDEX

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
1093	Screw, 8-32 x 7/16 Fil 5	137604	Resistor, 620 Ohm 15,16	158286	Transformer 5
1157	Screw, 8-32 x 1/2 Fil 13	139143	Resistor, 43,000 Ohm 15	158745	Clamp, Bearing 3
1272	Screw, 6-40 x 11/16 Fil 7,11	139335	Connector, 6 Pt Plug 4	159404	Post 7,9
2191	Washer Lock 2 to 14,18	139380	Connector, 6 Pt Receptacle 13,18	162228	Insulator, Terminal Block 6,10
2669	Washer, Lock 3,6,10,13,14	144495	Pad, Transistor Mounting 15,16,17	162360	Fuse, SL-BL .8 Amp 6,8
3354	Nut, 8-32 Hex 5	144835	Bushing, Spring 15	163440	Gear, 48T 3
3438	Washer, Flat 3,6,10,14	145781	Grommet 8	163460	Gear, 55T 3
3598	Nut, 6-40 Hex 2,5,7,8,11,12,14,18	145822	Stud, Oval Head 8	164872	Stud 11
3599	Nut, 4-40 Hex 17	146901	Rectifier Assembly 1,4	165008	Turret, Terminal 5
3646	Washer, Lock 5,13	146967	Resistor, 750 Ohm 4	165103	Screw, 12-24 x 5/8 Rd 13
3650	Washer, Flat 15	146968	Transformer 4	171461	Capacitor, 900 MFD 4
7001	Washer, Flat 7,8,11	148257	Terminal, Insulated 4	171463	Resistor, 1 Ohm 4
7002	Washer, Flat 4 to 14,18	148458	Connector, 15 Pt Circuit Card 7,8	171525	Resistor, 1,000 Ohm 5
7096	Bushing, Insulating 15	150323	Washer, Flat 13	171541	Diode 5
8330	Washer, Flat 3	150966	Insulator, Terminal Block 13	171585	Capacitor, .22 MFD 17
44048	Washer, Flat 5,13	151335	Stud 6,7,8,10,13	171587	Capacitor, .25 MFD 15
49653	Screw, 10-32 x 13/16 Fil 3	151411	Block, Terminal 13	171609	Diode 4
55318	Screw, 6-32 x 1/4 Rd 4	151412	Insulator, Terminal Block 13	171642	Fuse, SL-BL 1.6 Lamp 10
71646	Nut, 6-32 Hex 4	151415	Block, Terminal 13	171644	Fuse, 1.5 Amp 4
73175	Washer, Lock 7,9	151416	Nut, 6-40 Hex 7,8,11,13	171829	Capacitor, .15 MFD 15,16
74805	Screw, 10-32 x 3/4 Hex 3	151427	Plate, Clamp 5	172726	Resistor, 250 Ohm 7,8,9,11
76461	Washer, Flat 14	151442	Screw, 6-40 x 1/2 Hex 2,11	177113	Insulator 11,15
82702	Screw, 6-40 x 9/32 Hex 2	151540	Lampholder 18	178844	Varistor 15,16,17
90789	Washer, Flat 5	151606	Screw, 10-32 x 1/4 Hex 13	178860	Capacitor, .022 MFD 15,16,17
91683	Nut, 15/32-32 Hex 18	151630	Screw, 6-40 x 1/4 Hex 3,6 to 11,13	178864	Resistor, 3,900 Ohm 16
91684	Nut, 15/32-32 Ring 18	151631	Screw, 6-40 x 5/16 Hex 3,9,10,12,13,14,18	181266	Bushing, Insulating 11
92260	Washer, Lock 7,10,11,18	151632	Screw, 6-40 x 3/8 Hex 3,4,9,12,14	181618	Capacitor, .01 MFD 17
92271	Screw, 6-32 x 2-3/4 Rd 4	151637	Screw, 4-40 x 1/4 Fil 8,9,11,17	181619	Capacitor, .1 MFD 4
93598	Screw, 4-40 x 5/16 Rd 4	151658	Screw, 6-40 x 5/16 Fil 10	181648	Capacitor, .1 MFD 4
94072	Bushing 3	151659	Screw, 6-40 x 1/2 Fil 5,7,8,11	181675	Transistor, Power 15
103092	Connector, Cord 12,14	151685	Screw, 4-40 x 5/16 Fil 15	181667	Diode 15,16
104807	Washer, Flat 15	151693	Screw, 6-40 x 9/16 Fil 15	181890	Sleeve, 1/16 ID x 1" Lg Insulating 14
104827	Bearing, Ball 3	151712	Button, Pivot 3	182180	Resistor, 200 Ohm 17
107116	Washer, Lock 8,11,12,14	151722	Screw, 6-40 x 3/16 Hex 9,10	182523	Clamp, 1-3/8" ID Mounting 8
107393	Switch, SP-ST Toggle 18	151723	Screw, 10-32 x 3/8 Hex 6,8,10	182751	Resistor, 3.6K Ohm 15
110434	Screw, 4-40 x 3/16 Fil 7	151725	Screw, 10-32 x 3/4 Fil 3	185688	Plate, Identification 6,8
110743	Washer, Lock 4,6 to 9,11,15,17	151819	Jumper, 3" Black 5,7	192980	Lug, Terminal 11
111017	Screw, 6-40 x 5/16 Fil 7,8,11,13	151880	Nut, 4-40 Hex 15	193053	Capacitor, 2 MFD 6
111284	Block, Terminal 6,10	151939	Grommet, Rubber 5	195245	Sleeve, 1/2 ID x 1-1/2" Lg Insulating 6
112626	Nut, 10-32 Hex 3	152035	Plug 6,8,9	196930	Grille 2
115594	Nut, Speed 13	152465	Connector, 20 Pt Receptacle 18	196931	Clip 2
116783	Holder, Fuse 4,5,6,8,10	152466	Connector, 21 Pt Receptacle 18	198092	Fan 2
116785	Fuse, .3 Amp 5	152761	Stud 5	198937	Resistor, 2700 Ohm 17
117608	Nut, Speed 13	152888	Screw, 4-40 x 7/16 Hex 15	300116	Cover, Insulating 16
118146	Resistor, 4,700 Ohm 15,16,17	152893	Screw, 4-40 x 1/4 Hex 6	303142	Card, EC142 Circuit 1,17
118147	Resistor, 6,800 Ohm 17	153017	Nut, Speed 13	305143	Rectifier Assembly 1.5
118154	Resistor, 47,000 Ohm 16	153442	Screw, 10-32 x 1/2 Hex 14	305144	Plate, Mounting 5
118177	Resistor, 22,000 Ohm 16	153534	Washer, Flat 10	305150	Block, Terminal 5
118178	Resistor, 220,000 Ohm 17	153537	Screw, 6-40 x 11/16 Hex 12,14	305151	Washer, Insulating 5
118578	Clamp, 3/4 ID Cable 13,18	154085	Plate 3	305298	Resistor, 3300 Ohm 17
118659	Switch, Toggle 6,8,10,18	154197	Plug, Button 13	306991	Bracket 3
118720	Resistor 100K Ohm 15,16,17	155750	Sleeve, 3/32 ID x 1/2" Lg Insulating 13	306992	Clamp 3
120175	Plate, ON-OFF 6,8,10,18	155751	Sleeve, 1/8 ID x 1" Lg Insulating 6	306993	Plate 3
120424	Resistor, 4300 Ohm 16	155752	Sleeve, 5/64 ID x 1/2" Lg Insulating 7	306994	Shaft 3
121018	Nut, 4-40 Hex 4	155753	Sleeve, 1/8 ID x 1/2" Lg Insulating 7,11	306995	Spacer 3
121243	Clamp, 3/16 ID Cable 9	156740	Screw, 6-40 x 7/32 Hex 3	306996	Shim, .05" Thk 3
121247	Clamp, 7/16 ID Cable 14	158250	Block, Terminal 7,8,11	307853**	Cover, Top 2
121249	Clamp, 5/8 ID Cable 13,14	158252	Insulator, Terminal Block 7,8,11	309868	Resistor, 1300 Ohm 16
121413	Spacer, .344" Thk 4			311068	Clip 17
125011	Washer, Flat 9,11,17			312284	Capacitor, 1.5 MFD 17
125170	Screw, 8-32 x 5/16 Fil 13			315930	Transistor 17
125315	Washer, Insulating 4			315931	Transistor 17
129850	Resistor, 680 Ohm 15,16			320038	Jack, Red Test 17
129854	Resistor, 10,000 Ohm 15,16,17			320039	Jack, Black Test 17
135563	Jumper, 2-3/4" Green 7,18			320040	Jack, Orange Test 17
137438	Resistor, 100 Ohm 17			320045	Card, Circuit 15
137449	Resistor, 1500 Ohm 15,16			320047	Capacitor, 2 MFD 17

## NUMERICAL INDEX (Continued)

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
320048	Capacitor, .5 MFD 17	321991	Driver Asm, Circuit Magnet 1,15	326730	Gear Assembly, Intermediate 1,3
320049	Capacitor, .15 MFD 17	321992	Bracket 6	326753	Cable w/Terminals 13
320050	Plate, Mounting 6	321993	Cover 6	326754	Cable w/Terminals 13
320051	Card, Circuit 17	321995	Container, Outer 8,9	326755	Jumper, 3-1/2" Green 7
320056	Bracket 8	321996	Cover 8	326756	Cable w/Terminals 13
320300	Capacitor, 5,000 MFD 5	321997	Bracket 8	326776	Capacitor, .47 MFD 16
320410	Terminal, Spade Type 2,7,8,13,18	323486	Cover 7,11	326779	Bracket 14
320418	Terminal, Ring Type 5,7,8,10 to 14,18	323487	Spacer 6	326780	Plate, Identification 2
320420	Terminal, Ring Type 12	323501	Bracket, Connector Mounting 8	326789	Cable 10
320421	Terminal, Ring Type 12,13,14	323504	Frame, Inner 11	326791	Frame, Outer 7
321128	Transformer, Power 8	323507	Container 10	327285	Bracket 13
321129	Capacitor, 750 MFD 6,8	323641	Plate 10	327289	Bracket 13
321132	Card, Circuit 1,17	323652	Relay, SP-ST Isolation 7,9	327290	thru
321133	Inductor 6,9,10	323810	Card Assembly, Circuit 1,16	327293	Cable Assembly 11
321136	Diode 17	323821	Service Asm, Electrical 1,6,7	327294	Cable Assembly 6
321137	Transistor, Power 11	323822	Service Asm, Electrical 1,8,9	327295	Cable Assembly 6
321145	Transistor 17	323835	Card, Circuit 16	327296	Cable Assembly 6
321148	Sink, Heat 15	323841	Resistor, 300 Ohm 16	327298	Cable w/Terminal 2
321149	Diode 15	323842	Resistor, 21 Ohm 16	327299	Bracket 13
321151	Resistor, 110 Ohm 15	323843	Resistor, 590 Ohm 16	327347	Cable w/Terminals 14
321153	Spacer 15	323844	Transistor 16	327348	Cable w/Terminals 12
321154	Diode 15,16	323845	Pad, Transistor Mounting 16	327349	Cable w/Terminals 12
321155	Resistor, 2000 Ohm 15	323846	Pad, Transistor Mounting 16	327350	Frame, Outer 10
321156	Diode 15,16	323847	Sink, Heat 16	327351	Box, Power 14
321157	Capacitor, 500 PF 15,16,17	323849	Coil, 132 Ohm 7,9	327352	Cover 14
321158	Capacitor, .1 MFD 15	323960	Spacer 7,10	327353	Conduit, 1/2 ID x 3/4" Lg 14
321159	Choke 15	323961	Cover 7	327354	Conduit, 3/4 ID x 8-3/4" Lg 14
321160	Potentiometer 15	323962	Cover 9	327359	Cable w/Terminals 13
321161	Diode 15,16	323964	Potentiometer 16	327360	Cable w/Terminals 12
321164	Potentiometer 15	323966	Retainer 7,9	327361	Cable w/Terminals 14
321165	Transistor 15,16	323970	Cable Assembly 8	327362	Conduit, 1/2 ID x 2-1/2 Lg 12
321166	Transistor 15,16	323971	Cable Assembly 8	327363	Conduit, 1/2 ID x 19-1/4 Lg 12
321167	Jumper, 2-7/8" Yellow 15	324135	Cable 7,11	327364	Conduit, 1/2 ID x 21-1/8 Lg 12
321168	Jumper, 2-7/8" Blue 15	324137	Cable 7	327365	Conduit, 3/4 ID x 30 Lg 12
321169	Jumper, 2-7/8" Orange 15	324138	Cable 11	327373	Plate 2
321170	Jumper, 2-7/8" Red 15	324139	Cable 11	327374	Container, Power Supply 12
321171	Jumper, 3-3/4" Black 15	324144	Transistor 15,16,17	327375	Cover 12
321201	Screw, 1/4-20 x 1/2 Fil 7,10	324145	Cable, Relay 7	327390	Cable Assembly 13
321204	Resistor, 13,000 Ohm 17	324147	Pad, Transistor Mounting 15,16,17	327407	Cable w/Terminals 7
321205	Filter Assembly 9,10	324154	Cable 8	327408	Cable w/Terminals 7
321207	Strip, Terminal 6,9,10	324698	Nut, #10 Speed 8	327409	Cable w/Terminals 7
321208	Plate 9,10	324699	Cable, Relay 7	327410	Cable w/Terminals 7
321211	Cover 10	325937	Connector, 1/2" ID 12	327411	Cable w/Terminals 7
321214	Transformer 10	325938	Connector, 3/4" 90 Degree 12	327412	Cable w/Terminals 7
321228	Service Assembly, Electrical 1,10,11	325939	Connector, 1/2 ID 90 Degree 12,14	327413	Cable w/Terminals 7
321252	Cable Assembly 6	325956	Connector, 3/4 ID 14	327414	Cable w/Terminals 7
321258	Resistor, 20,000 Ohm 15	325959	Insulator, Terminal Block 12,14	327415	Cable w/Terminals 7
321259	Resistor, 15 Ohm 15	325961	Block, Terminal 12,14	327416	Cable w/Terminals 7
321260	Capacitor, 1 MFD 16	326231	Transformer Assembly 10	327417	Cable w/Terminals 7
321261	Transistor 15,16	326232	Decalcomania 11	327444	Capacitor, 2 MFD 9,10
321263	Resistor, 13 Ohm 15	326233	Decalcomania 10	327477	Jumper, 7" Green 14
321264	Capacitor, 2.7 MFD 15	326253	Plate Assembly, AC Power 10	327478	Jumper, 6" Green 12,14
321279	Capacitor, 1300 MFD 10	326255	Spacer 10	327479	Cable w/Terminals 12
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