

905A AND 905B DATA TEST SET  
DATASPEED SIGNAL GENERATOR  
PARTS

FIGURE	CONTENTS	PAGE
1	Front Panel-Portable or Rack Mounted Units	2
2	Rear Frame-Portable or Rack Mounted Units	3
3	Case-Portable Unit	4
4	Rack Mounting Components	5
	Numerical Index	6

Signal Generator Test Set	
Bell System Code	Teletype Code
905B	TSG800**
905A	TSG801**

The part identification information contained in the following change notices have been incorporated in this issue.

TCN's	#902
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Note: When ordering parts from this section, prefix each number with the letters TP.

\*\* Denotes a Painted Part.  
EJ - Smooth Finish Light Gray.

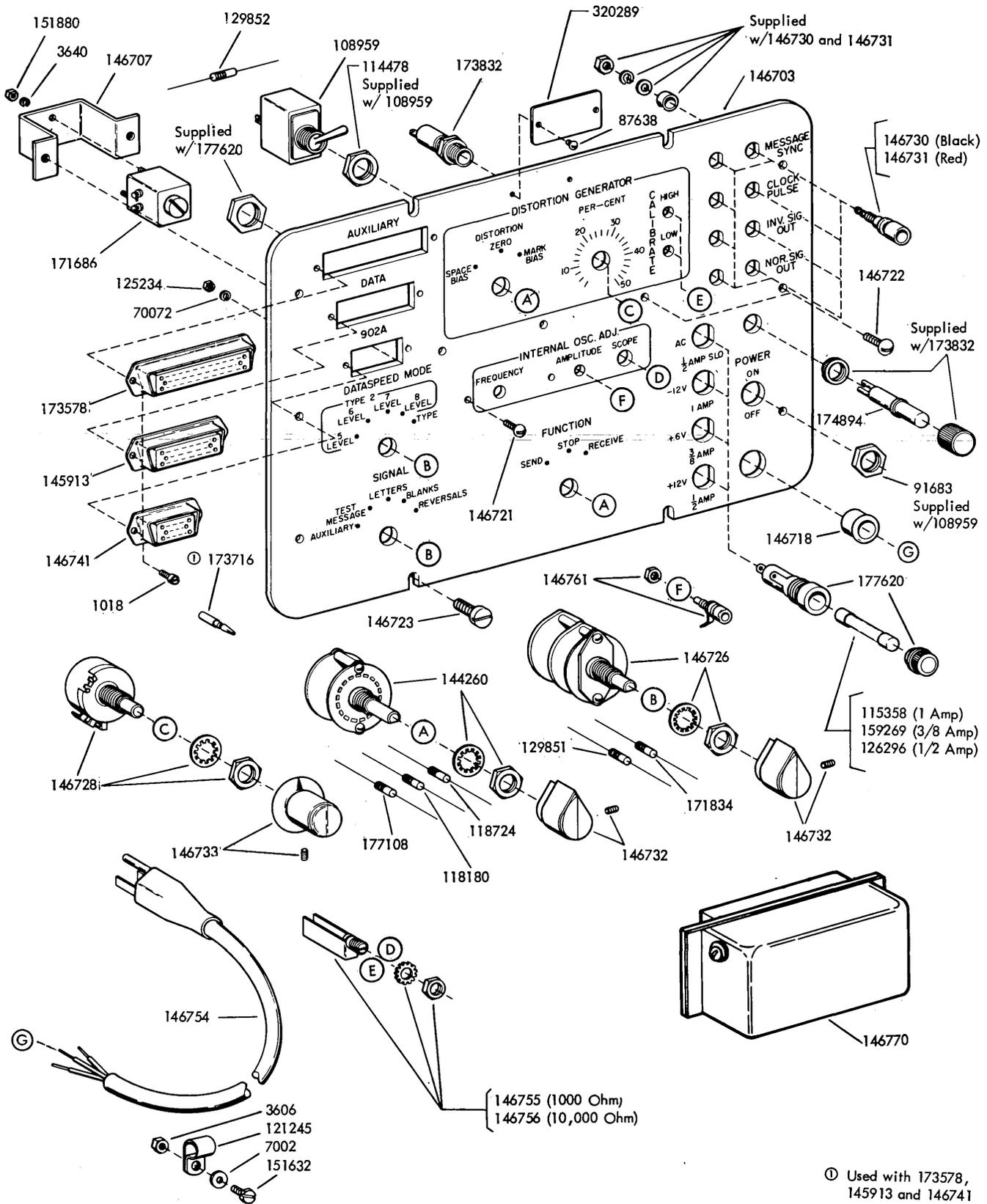
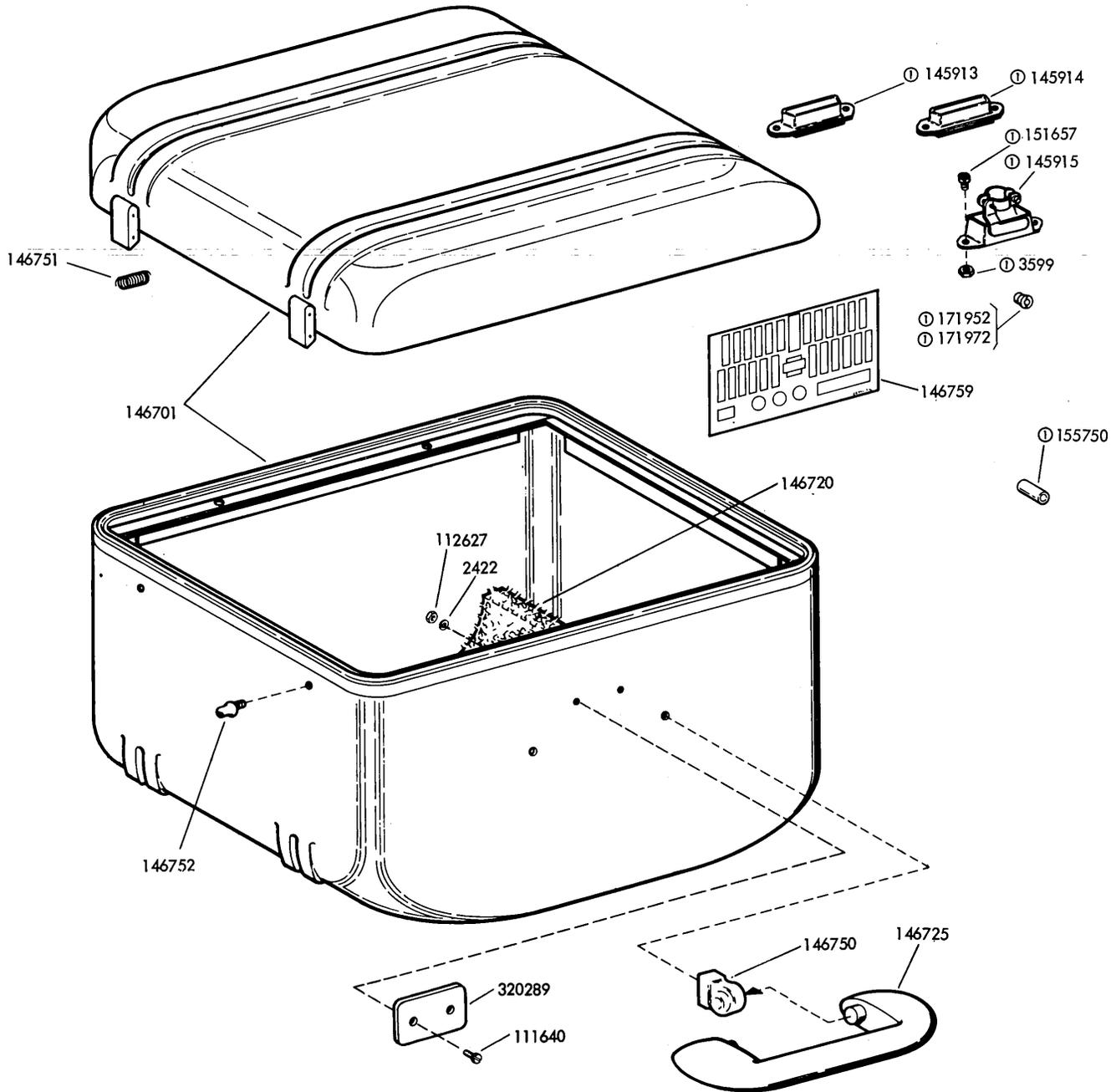


FIGURE 1. FRONT PANEL - PORTABLE OR RACK MOUNTED UNITS



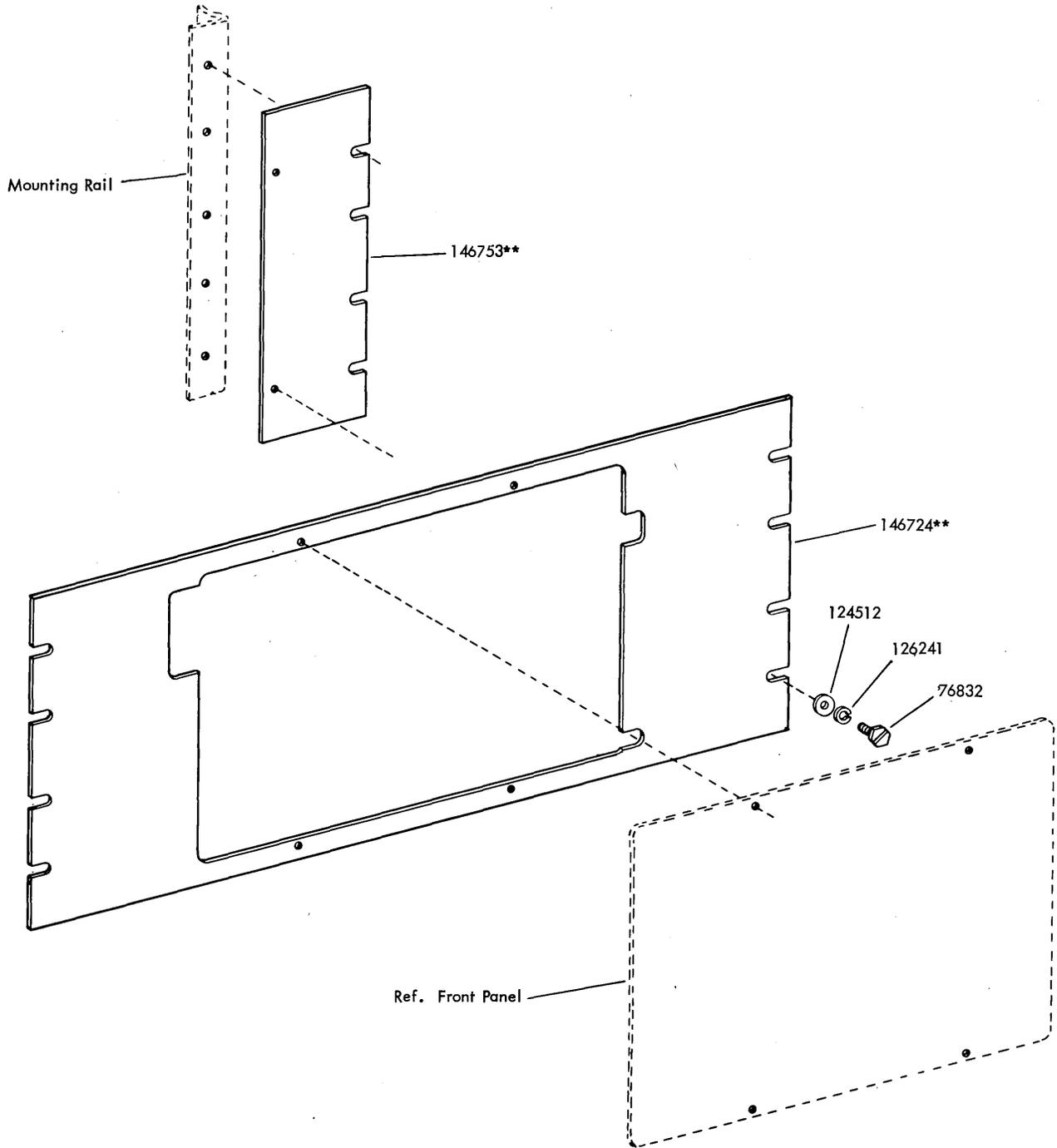
18 AWG Wire	20 - 24 AWG Wire	Cable Assemblies	146743	146744	146766	146767
192176 (Crimp Type) 	173715 (Crimp Type) 	Connectors	145913 (1)	145914 (2)	—	—
192177 (Crimp Type) 	173940 (Solder Type) 		145914 (1)			
	173716 (Crimp Type) 	Terminals	173715 (9)	173715 (16)	173716 (12)	173716 (30)
	173941 (Solder Type) 		173716 (9)		192177 (11)	192177 (9)
	320418 					320418 (1)

( ) Indicates quantity.



① Used on Cables 146743 and 146744

FIGURE 3. CASE - PORTABLE UNIT



\*\* Refer to page 1 for finish suffix

FIGURE 4. RACK MOUNTING COMPONENTS

## NUMERICAL INDEX

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
1018	Screw, 3-48 x 5/16 Fil 2	146708	Plate 3	151632	Screw, 6-40 x 3/8 Hex 2
1178	Screw, 2-56 x 7/16 Fil 3	146709	Plate 3	151657	Screw, 6-40 x 1/4 Fil 3,4
2191	Lockwasher 3	146710	Bracket, Mounting 3	151659	Screw, 6-40 x 1/2 Fil 3
2422	Lockwasher 3,4	146712	Channel 3	151694	Screw, 6-40 x 11/32 Fil 3
3599	Nut, 4-40 Hex 4	146714	Channel 3	151724	Screw, 10-32 x 5/8 Hex 3
3606	Nut, 6-40 Hex 2,3	146715	Board, Terminal 3	151880	Nut, 4-40 Hex 2
3640	Lockwasher 2	146718	Bushing, Snap 2	152441	Washer, Flat 3
7002	Washer, Flat 2	146720	Pad 4	155750	Sleeve, 3/32 ID x 1/2" Lg Insulating 4
8330	Washer, Flat 3	146721	Screw, 4-40 x 3/8 Rd 2	159269	Fuse, 3/8 Amp 2
45815	Lockwasher 3	146722	Screw, 6-32 x 3/8 RD 2	164119	Plate, Identification 3
70072	Lockwasher 2	146723	Screw, 10-32 Spl 2	165449	Resistor, 47 Ohm 3
76474	Nut, 10-32 Hex 3	146724**	Panel, Rack Mounting 5	171490	Connector, 15 Pt Circuit Card 3
76832	Screw, 12-24 x 5/8 Hex 5	146725	Handle 4	171532	Resistor, 50 Ohm 3
87638	Screw, 2-56 x 3/32 Rd 2	146726	Switch, Rotary 2	171535	Resistor, 15 Ohm 3
91683	Nut, 15/32-32 Hex 2	146727	Board, Terminal 3	171607	Transistor 3
92265	Screw, 2-56 x 1/8 Rd 3	146728	Potentiometer, 1000 Ohm 2	171612	Diode 3
108959	Switch, DP-ST Toggle 2	146730	Post, Black Binding 2	171614	Diode 3
111640	Screw, 2-56 x 7/32 Fil 4	146731	Post, Red Binding 2	171686	Adjustoroid, 47 MH 2
112627	Nut, 2-56 Hex 3,4	146732	Knob, Pointer 2	171813	Plate, Identification 3
114478	Nut, 15/32-32 Hex 2	146733	Knob, Round Skirted 2	171814	Plate, Identification 3
115358	Fuse, 1 Amp 2	146734	Diode 3	171834	Capacitor, 0.05 MFD 2
116598	Bushing 3	146735	Capacitor, 4000 MFD 3	171952	Connector, Green Shielding 4
117535	Washer, Flat 3	146740	Transformer w/Bracket 3	171972	Connector, Green Insulated 4
118147	Resistor, 6800 Ohm 3	146741	Connector, 15 Pt Receptacle 2	172320	Card, Circuit 3
118180	Resistor, 10000 Ohm 2	146743	Cable Assembly 4	172327	Card, Circuit 3
118724	Resistor, 220 Ohm 2,3	146744	Cable Assembly 4	172350	Card, Circuit 3
119045	Grommet, Rubber 3	146745	Rheostat, 25 Ohm 3	172359	Card, Circuit 3
121245	Clamp, 5/16 ID Cable 2	146746	Rheostat, 100 Ohm 3	172368	Card, Circuit 3
122987	Spacer 3	146750	Socket 4	172380	Card, Circuit 3
124512	Washer, Flat 5	146751	Spring, Compression 4	172395	Card, Circuit 3
125127	Screw, 6-32 x 7/16 Fil 3	146752	Striker, Latch 4	172420	Card, Circuit 3
125234	Nut, 3-48 Hex 2	146753**	Plate, Adapter 5	172472	Card, Circuit 3
126241	Lockwasher 5	146754	Cord w/Plug 2	173578	Connector, 50 Pt Receptacle Type 2
126296	Fuse, 0.5 Amp 2	146755	Resistor, 1000 Ohm 2	173715	Terminal, Plug Type 4
129851	Resistor, 3300 Ohm 2,3	146756	Resistor, 10000 Ohm 2	173716	Terminal, Receptacle Type 2,4
129852	Resistor, 2200 Ohm 2	146759	Label, Card Locating 4	173832	Holder, Lamp 2
144260	Switch, Rotary 2	146760	Suppressor, Electrical Noise 3	173940	Terminal, Plug Type 4
145007	Diode 3	146761	Jack, Red Banana 2	173941	Terminal, Receptacle Type 4
145913	Connector 25 Pt Receptacle Type 2,4	146764	Guide, Circuit Card 3	174894	Lamp, Amber ON 2
145914	Connector 25 Pt Plug Type 4	146766	Cable w/Terminals 4	177108	Diode 2
145915	Clamp, Cable 4	146767	Cable w/Terminals 4	177113	Insulator 3
146701	Case w/Cover, Carrying 4	146768	Strap 3	177502	Card, Circuit 3
146702	Frame 3	146770	Plug Assembly 2	177526	Card, Circuit 3
146703	Plate, Panel 2	151346	Screw, 6-40 x 3/8 Fil 3		
146704	Bracket, Left Mounting 3	151357	Plate, Patent 3		
146705	Bracket, Right Mounting 3	151618	Screw, 6-40 x 7/16 Fil 3		
146706	Bracket, Mounting 3	151630	Screw, 6-40 x 1/4 Hex 3		
146707	Bracket, Mounting 2	151631	Screw, 6-40 x 5/16 Hex 3		

\*\*Refer to page 1 for finish suffix

## NUMERICAL INDEX (Continued)

Part Number	Description and Page Number	Part Number	Description and Page Number	Part Number	Description and Page Number
177527	Card, Circuit 3	177539	Card, Circuit 3	192176	Terminal, Plug Type 4
177533	Card, Circuit 3	177620	Holder, Fuse 2	192177	Terminal, Receptacle Type 4
177534	Card, Circuit 3	177621	Socket, Power Transistor 3	320289	Plate, Identification 2,4
177535	Card, Circuit 3	178844	Varistor 3	320418	Terminal, Ring Type 3,4
177536	Card, Circuit 3	181618	Capacitor, 0.01 MFD 3		
177537	Card, Circuit 3				