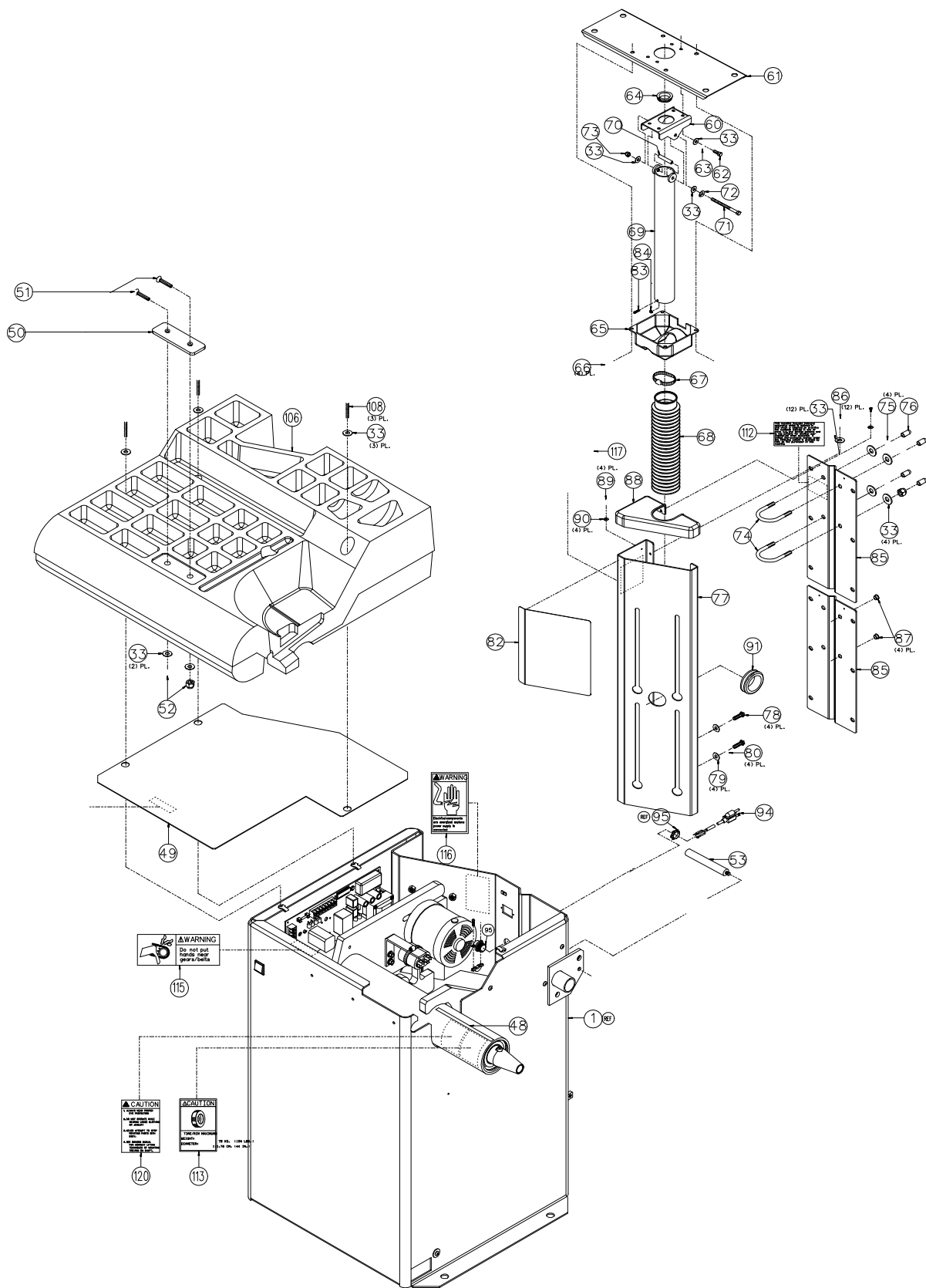
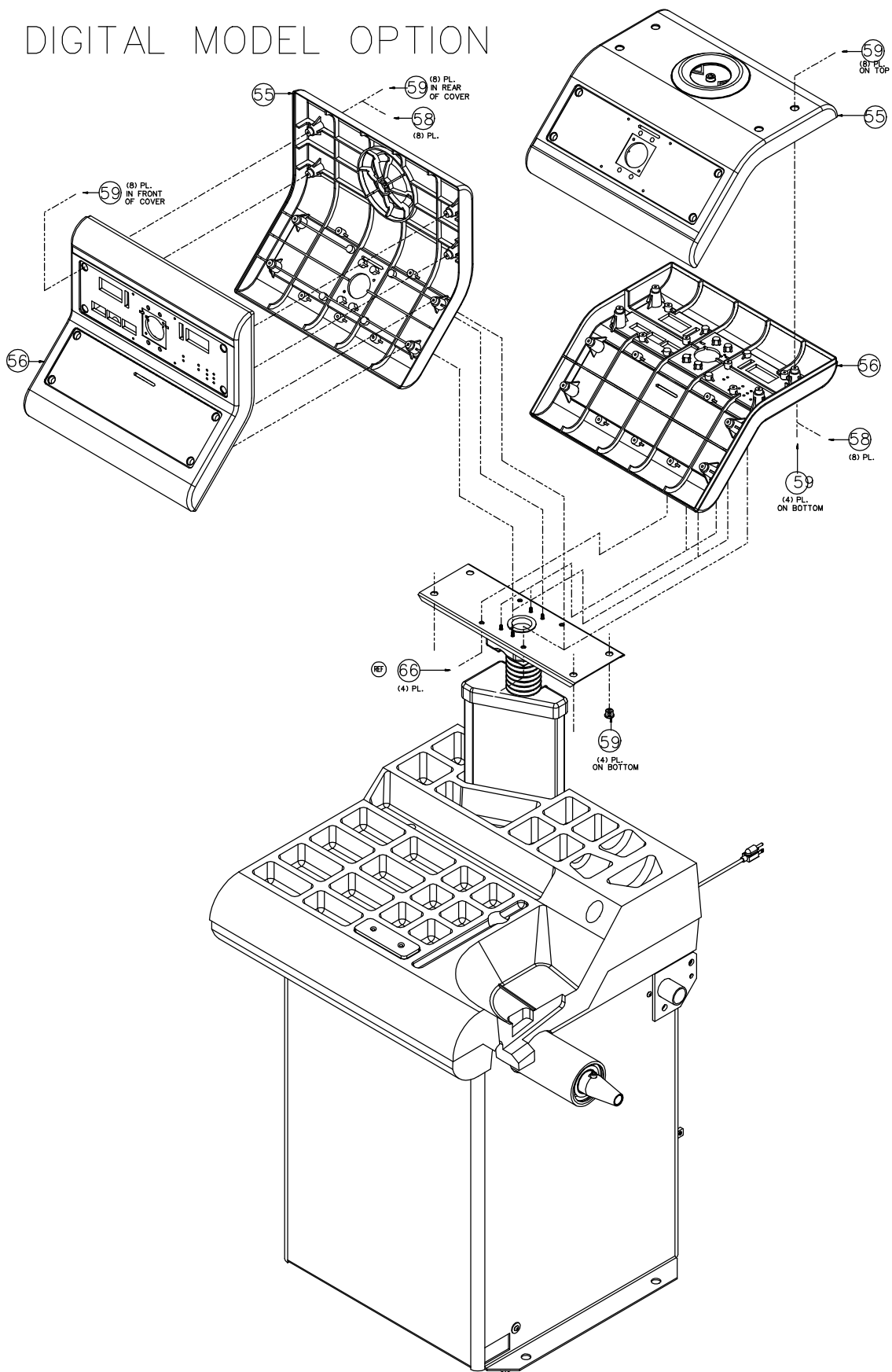




CRT MODEL OPTION

DIGITAL MODEL OPTION



REF NO.	QTY NO.	PART NO.	DESCRIPTION
1	1	111380	Cabinet Weldment Assembly
2	1	111405	Suspension Weldment
3	1	111470	Shaft Bearing Assembly
4	2	1122020	Screw-SHC,M10 - 1.5 x 12mm
5	1	1122151	Retaining Ring - Beveled
6	1	110454	Pulley - Upper
7	1	1103999	Washer - Lock, 3/4
8	1	1109592	Nut - Jam, 3/4 - 16
9	1	1119986	Flat Washer - 3/4
10	1	*	Motor-Drive - see table 1
11	2	1112823	Screw - SH Set, #10-24 x .25 CP.
12	1	111480	Belt - Drive
13	1	86063	Encoder - Optical,Panel Mtg.
14	1	111561	Harness Ass'y - Encoder
15	1	1122037	Screw - SH. Set, #10-24 x .13, HC.
16	1	111393	Arm - Anti-rotation
17	1	111394	Bracket - Antirotation
18	2	1100811	Screw - HHC, 1/4-20 x 1.5
19	2	1101540	Nut - KEPS, 1/4-20
20	1	111795	Bracket - Capacitor
21	1	1101651	Clamp - Hose, Worm
22	1	*	Capacitor, Run 1 phase only - see table 1
23	1	83048	Switch - On/Off
24	1	111566	Harness Ass'y - On/Off Switch
25	1	111565	Wire - Ground, Motor Control PCB
26	6	1122120	Washer - Flat, 3/8
27	6	1187764	Washer - Lock, 3/8
28	6	1106938	Screw - HHC, 3/8-16x23/4
29	1	*	PCB Ass'y - Motor Control see table 1
30	1	111883	Bracket - Support, PCB Ass'y
31	5	1101802	Nut - Captive, 1/4-20
32	5	1122177	Spacer - Nylon, Flat (.19 THK.)
33	35	1101930	Washer - Flat (Black)
34	8	1187794	Screw - BHC, 1/4-20 x 5/8
35	2	1101532	Screw - PHMS, #6-32x3/8
36	6	1101760	Nut - KEPS, #6-32
37	4	1122157	Standoff - Male/Female, #6-32

* - See attached table 1

REF NO.	QTY NO.	PART NO.	DESCRIPTION
38	4	1101768	Screw - PHMS, #6-32 x 2.0
39	4	1177246	Washer - Lock, Ext. Tooth, #6
40	4	1122158	Spacer - Round, Nylon, #6 x .56
41			
42	2	61653	Bracket - Mounting, Resistor
43	1	**	Brake Resistor,see table 2
44	4	1101760	Nut - KEPS, #10-24
45	4	1115755	Screw - BHC, #10-24x1/2
46	1	111276	Harness Ass'y - Brake Resistor
47	1	83558	Screw - Ground, #8-32x3/4
48	.6 Ft.		985255 Decal - Stripe, Red
49	1	111379	Panel - Shield, Fire
50	1	110821	Anvil
51	2	1101201	Screw - FHC, 1/4-20 x 1.0
52	2	1101609	Nut - ESNA, 1/4-20
53	1	110940	Weight - Test & Cal.
54	12	61278	Cable - Tie
55	1	111303	Cover - Display, CRT
56	1	111304	Cover - Display, Digital
57	1	111168	Harness Ass'y - RWIB
58	8	1122180	Screw - Self Tap, #10-14 x 1.0
59	16	1122175	Hole Plug - Pry Out
60	1	111368	Bracket - Support, Display
61	1	111418	Brace - Cross, Display
62	4	1100804	Screw - HHC, 1/4-20 x .50
63	4	1100242	Washer - Lock, 1/4
64	1	1122178	Bushing - Snap In
65	1	111311	Cover - Pivot
66	4	1122057	Screw - Self Tap, #10-14 x .50
67	1	1122184	Clamp - Strap
68	1	111399	Bellow - Cover, Tube
69	1	111401	WeldmentTube, Tower
70	1	111466	Tube Support, Tower
71	1	1111602	Screw - HHC, 1/4-20 x 3.0
72	1	1100242	Washer - Lock, 1/4
73	1	1101609	Nut - ESNA, 1/4-20
74	2	1122176	Bolt - U, 5/16-18
75	4	1101804	Nut - ESNA, 5/16-18

** - See attached table 2

REF NO.	QTY NO.	PART NO.	DESCRIPTION
76	4	111504	Cover - Cap, Protect
77	1	111367	Support - Tower, Triangle
78	4	1100046	Screw - HHC, 3/8-16 x 1.0
79	4	1107383	Washer - Flat, 3/8
80	4	1187764	Washer, Lock, 3/8
81	3.63	1122159	Tape - Polyethylene, 1" Wide
82	1	111859	Mat - Protective
83	1	1101533	Screw - PHM, #8-32 x .38
84	3	1181298	Nut - KEPS, #8-32
85	2	111366	Panel - Cover, Tower
86	12	1101988	Screw - Self Tap, HHW, 1/4-20 x .75
87	4	1122196	Hole Plug - Dome
88	1	111312	Cover - Tower
89	4	1101883	Screw - Self Tap, HHW, #8-32 x .38
90	8	61746	Washer - Flat, #8 (Black)
91	1	1232504	Grommet, 1.75 hole
94	1	**	Power Cord, See attached table 2
95	1	1228668	Strain relief - Panel mount
96	2	111487	Transducer assy
97	2	111285	Ball, .38 diameter
98	2	111286	Ball, .22 diameter
99	2	111180	Screw Transducer adjuster
100	2	1109587	Nut, Hex - 3/8-24
101	4	111359	Nut, #10-32, hex special
102	4	1100265	Washer - Flat, 7/16
103	4	111121	Storage Peg
104	4	1121551	Jam Nut, 3/8 - 16
105	4	1100256	Flat Washer, 3/8
106	1	111309	Weight Tray
107	3	1122027	Tinnerman Nut, 1/4 - 20
108	3	1122187	Screw - BHC, 1/4 - 20 x 2.50
109	1	111422	Bracket - Brake cover
110	3	1101802	Captive Nut, 1/4 - 20
111	1	111245	Caution Label, electrical
112	1	111799	Patent Label
113	1	111244	Label, Caution Tire
114	1	111243	Label, Warning
115	1	110947	Label, Warning
116	1	110948	Label, Warning, electrical
117	1	110949	Label, Warning, operation
118	1	63889	Label, Warning

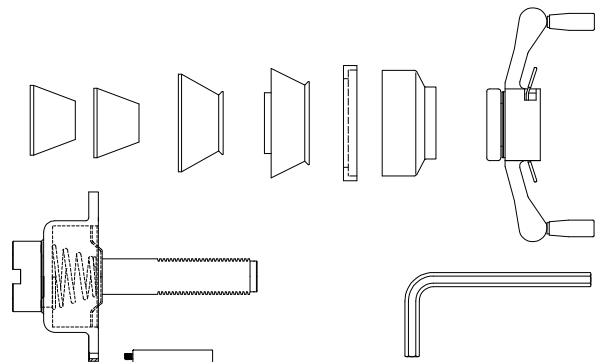
REF NO.	QTY NO.	PART NO.	DESCRIPTION
119	1	60852	Label, Ground
120	1	110655	Label, Caution
121	4	111615	Washer, Motor
122	2	11202343	Screw - SHC, 1/4 -20 x .50
123	1	111625	Preload Collar
124	3	1101726	Screw, BHC, 10 - 24 x 1/2
125	1	111755	Pulley - Drive, 26T (60hz)
		111756	Pulley - Drive, 32T (50hz)

POWER	MOTOR ASSY	RUN CAP	P/N	MOTOR CONTROL PCB ASSY	POWER CORD
115V, 60HZ, 1 PH	110899	25uF	61765	111083	111568
220, 50HZ, 1 PH	111792	25uF	61765	111083	91068
230, 60HZ, 1 PH	110899	25uF	61765	111083	111892
100, 50HZ, 1 PH	111792	25uF	61765	111191	111892
100, 60HZ, 1 PH	110899	25uF	61765	111191	111892
200, 50HZ, 3PH	111684	NONE		111191	111893
200, 60HZ, 3PH	111684	NONE		111191	111893

* TABLE 1

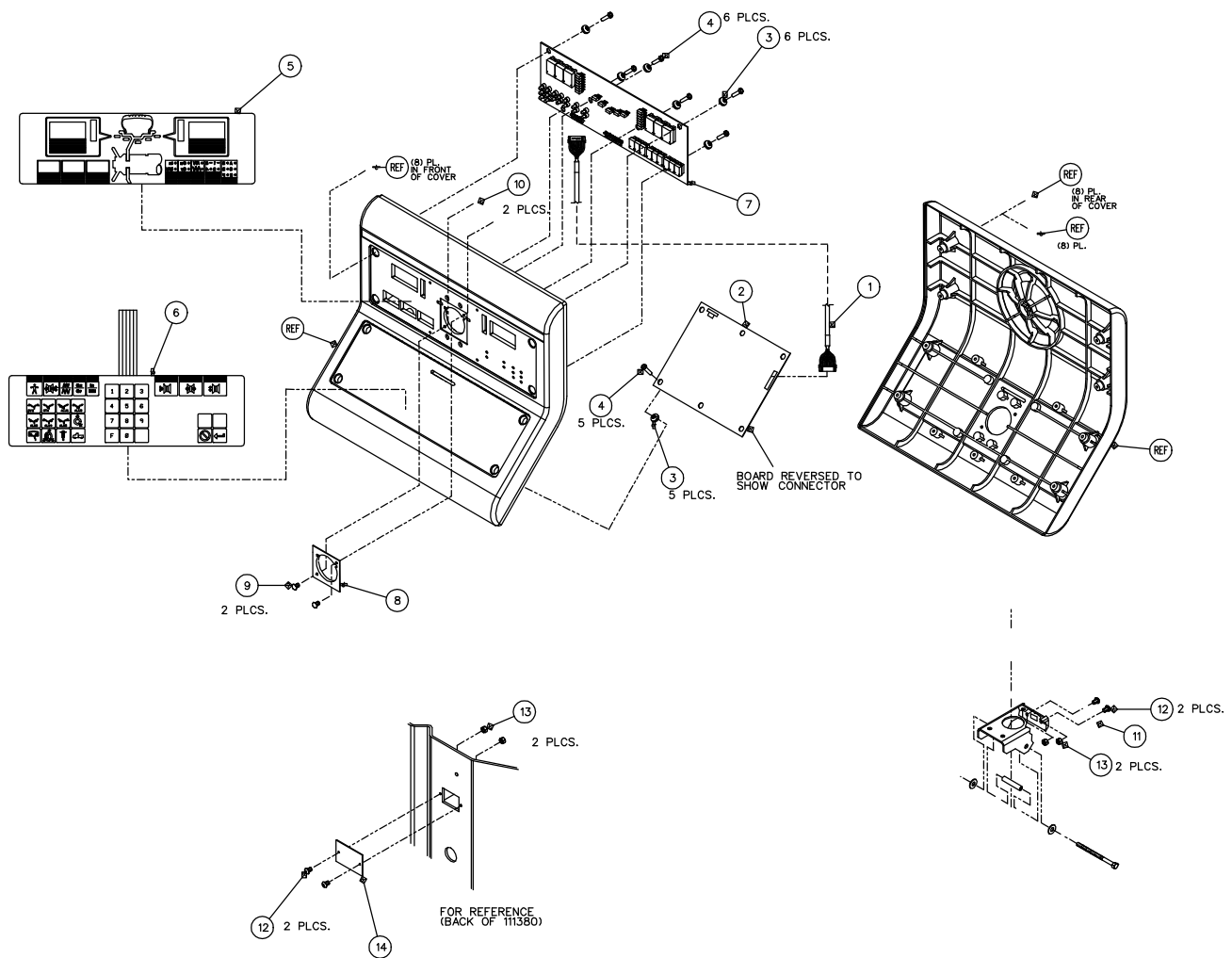
DIAGRAM NO.	POWER	BRAKE RESISTOR
1	115V, 50-60 HZ, 1PH	12 OHM, P/N 111628
2	230V, 50-60 HZ, 1 PH	47 OHM, P/N 110711
3	100V, 50-60 HZ, 1 PH	32 OHM, P/N 110901
4	200V, 50-60 HZ, 3 PH	32 OHM, P/N 110901

** TABLE2

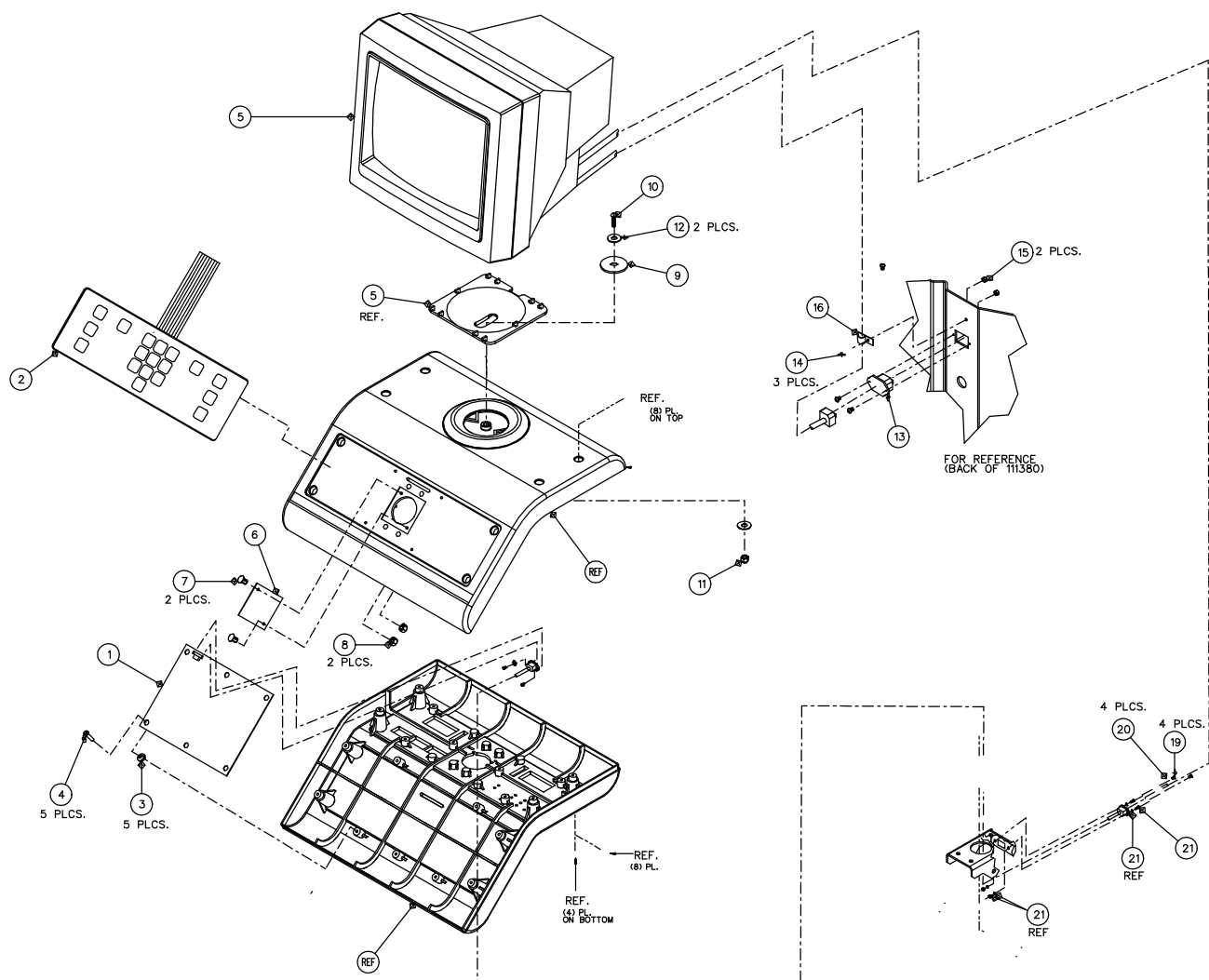


Shaft Adapter Kit consisting of:

REF NO.	QTY NO.	PART NO.	DESCRIPTION
1	1	110998	Speed Nut
2	1	110410	Clamping Hood
3	1	110596	Pressure Ring
4	1	111326	Centering Cone, 1.6-2.6" dia.(44.5-65mm)
5	1	111327	Centering Cone, 2.4-3.1" dia.(61-79mm)
6	1	111328	Centering Cone, 2.9-3.6" dia.(74-92mm)
7	1	111329	Centering Cone, 3.4-5.1" dia.(87-131mm)
8	1	110595	Allen Wrench
9	1	111324	Basic Centering Device
10	1	110573	Rubber Protector
11	2	111333	Spin Handles

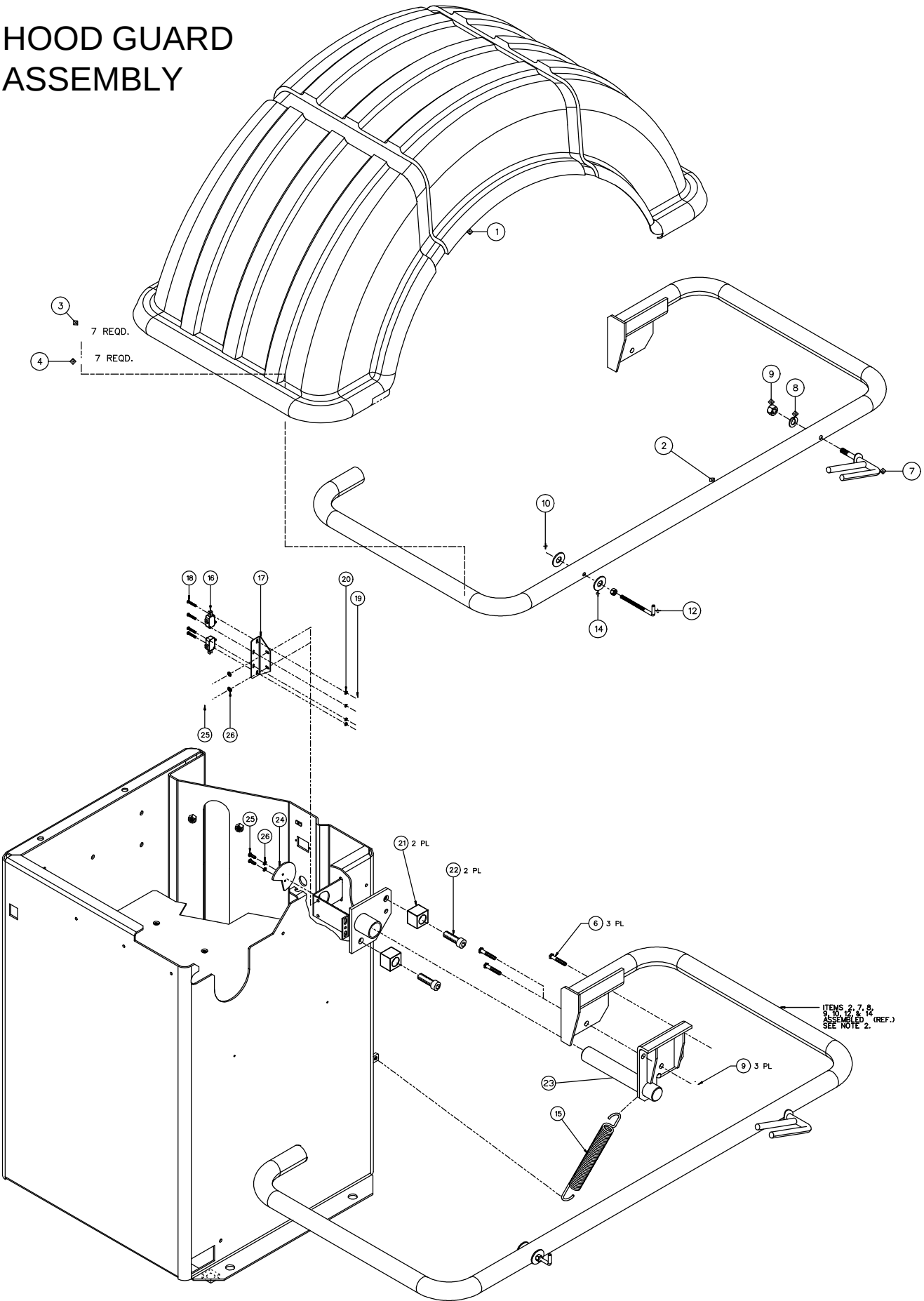


REF NO.	QTY NO.	PART NO.	DESCRIPTION
1	1	111563	Harness Ass'y - Interface Display
2	1	111503	PCB Ass'y - Digital, Micro
3	11	1122181	Grommet - ISODAMP
4	11	1122179	Screw - Self Tap, HHW, #10-14 x .75
5	1	111310	Membrane - Graphic, LED
6	1	111317	Switch - Membrane, Digital
7	1	111330	PCB Ass'y - Interface Display
8	1	111369	Plate - Support, Switch
9	2	1122183	Screw - PEM, #8-32 x .38
10	2	1181298	Nut - KEPS, #8-32
11	1	111403	Plate - Cover, CRT Con.
12	4	1101711	Screw - BHC, #6-32 x .31
13	4	1101760	Nut - KEPS, #6-32
14	1	111392	Plate - Power, Cover
15	1 REF		111591 Interconnect Diagram - 5.0 Bal.



REF NO.	QTY	PART NO.	DESCRIPTION
1	1	111321	PCB Ass'y - VGA, CRT
2	1	111318	Switch - Membrane, CRT
3	5	1122181	Grommet - ISODAMP
4	5	1122179	Screw - Self Tap, HHW, #10-14 x .75
5	1	110891	CRT - 14", Color
6	1	111400	Plate - Support, Switch
7	2	1122183	Screw - PEM, #8-32 x .38
8	2	1181298	Nut - KEPS, #8-32
9	1	111395	Washer - Support, CRT
10	1	1101862	Screw - PHM, #8-32 x 1.50
11	1	1177785	Nut - ESNA, #8-32
12	2	61746	Washer - Flat, #8 (Black)
13	1	111505	Connector - Outlet, Power
14	3	1101711	Screw - BHC, #6-32 x .31
15	2	1101760	Nut - KEPS, #6-32
16	1	1122185	Cable - Clamp
17	1	111569	Cord - Power, CRT
18	1	111570	Cable - VGA, Extension
19	4	1101607	Screw - PHM, #4-40 x .25
20	4	1101606	Washer - Lock, #4
21	2	1122203	Screw - Female Lock, Hex, #4-40 x .30
22	1 REF	111592	Interconnect Diagram - 6.0 Bal. 115V/230V. 1PH

HOOD GUARD ASSEMBLY



HOOD GUARD ASSEMBLY PARTS LISTING

REF	QTY	PART	
NO.	NO.	NO.	DESCRIPTION
1	1	110757	Cover - Wheel Guard
2	1	111811	Frame Weldment - Wheel Guard
3	7	1101710	10-24 Self Tap Screw
4	7	61746	Washer, Weight Tray
5			
6	3	1100046	Screw - HHCS, 3/8-16 x 1.00
7	1	111235	Weld Ass'y - Wingnut Bracket
8	1	1100243	3/8 Lock Washer
9	4	1101478	Nut - KEPS, 3/8-16
10	2	1121507	Nut, 1/4 - 20
11	1	1230139	Bag, 6" x 8"
12	1	111408	Hook - Caliper
13			
14	2	1101930	Washer - Flat (Black)
15	1	111789	Spring - Ext., Hood
16	2	111228	Switch - Micro
17	1	111371	Bracket - Switch, Micro
18	4	1101845	Screw - PHM, #2-56 x 3/4
19	4	1109760	Nut - Hex, #2-56
20	4	1101605	Washer - Lock, Int. Tooth, #2
21	2	111791	Bumper - Wheel Guard
22	2	1102374	Screw - SHC, 1/2-13 x 1.50
23	1	111810	Pivot Weldment - Wheel Guard
24	1	111227	CAM - Micro Switch
25	4	1115755	Screw - BHC, #10-24 x 1/2
26	4	1187949	Washer - Lock, Internal #10
27	1	111564	Harness Ass'y - Switch/Micro
28	1	111567	Harness Ass'y - Motor Control

OPTIONAL BRAKE ASSEMBLY PARTS LISTING

REF	QTY	PART	
NO.	NO.	NO.	DESCRIPTION
1	1	111409	Bracket - Brake, Right
2	1	111410	Bracket - Brake, Left
3	1	111411	Cable - Brake
4	1	111412	Bracket - Brake, Mount
5	1	111856	Collar, Motor, Brake
6	1	111416	Spring - Compression, Brake
7	2	111417	Pad - Brake
8	1	111425	Bracket - Mount, Brake
9	2	1122191	Screw - PEM, Stud 5/16-18 x 3/4
10	1	111543	Pedal - Brake
11	2	1101804	Nut - ESNA, 5/16-18
12	2	1101930	Washer - Flat, 5/16 (Black)
13	2	1122190	Ring - Retaining, Open
14	1	1102349	Screw - SHC, 1/4-20 x 2.0
15	1	1112823	Screw SH SER, #10-24 x 1/4 CP.
16	3	1121549	Nut - Jam, 1/4-20
17	2	1109766	Nut - Hex, #10-24
18	1	1111615	Screw - Hex, 3/8-16 x 3 1/2
19	2	1107383	Washer - Flat, 3/8
20	1	1120240	Nut - ESNA, 3/8-16
21	4	1177785	Nut - ESNA, #8
22	4	1101775	Screw - MPH, #8-32 x 5/8
23	1	1101609	Nut - ESNA, 1/4-20
24	1	111544	Foot - Pad, Brake
25	3	1187794	Screw - BHC, 1/4-20 x 5/8
26	3	1101540	Nut - KEPS, 1/4-20
27	2	1122225	Grommet - 1/2 ID x 1.0-6 OD

