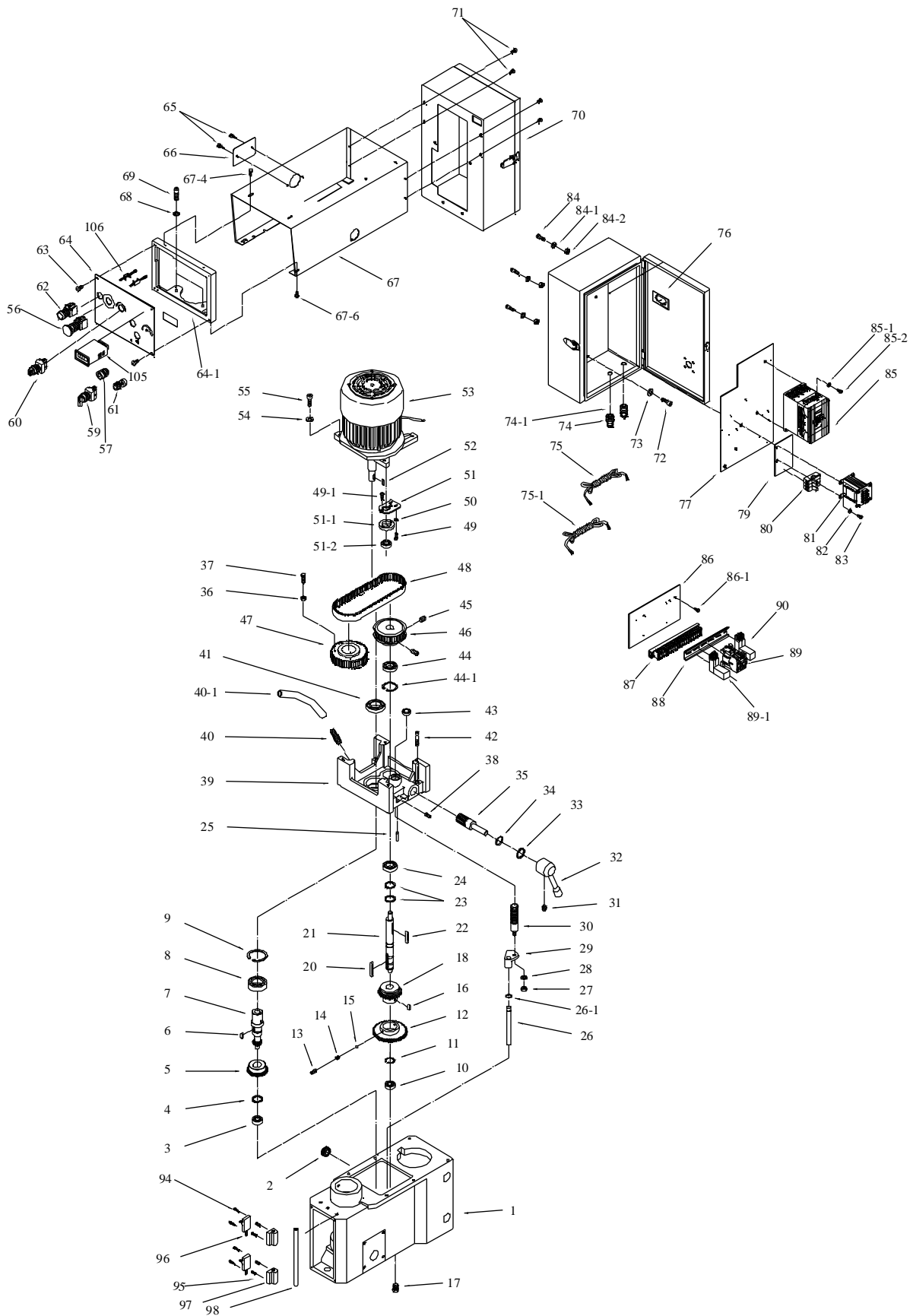


# Drill Head – Inverter Speed Control (J-2232AC and J-2234AC)

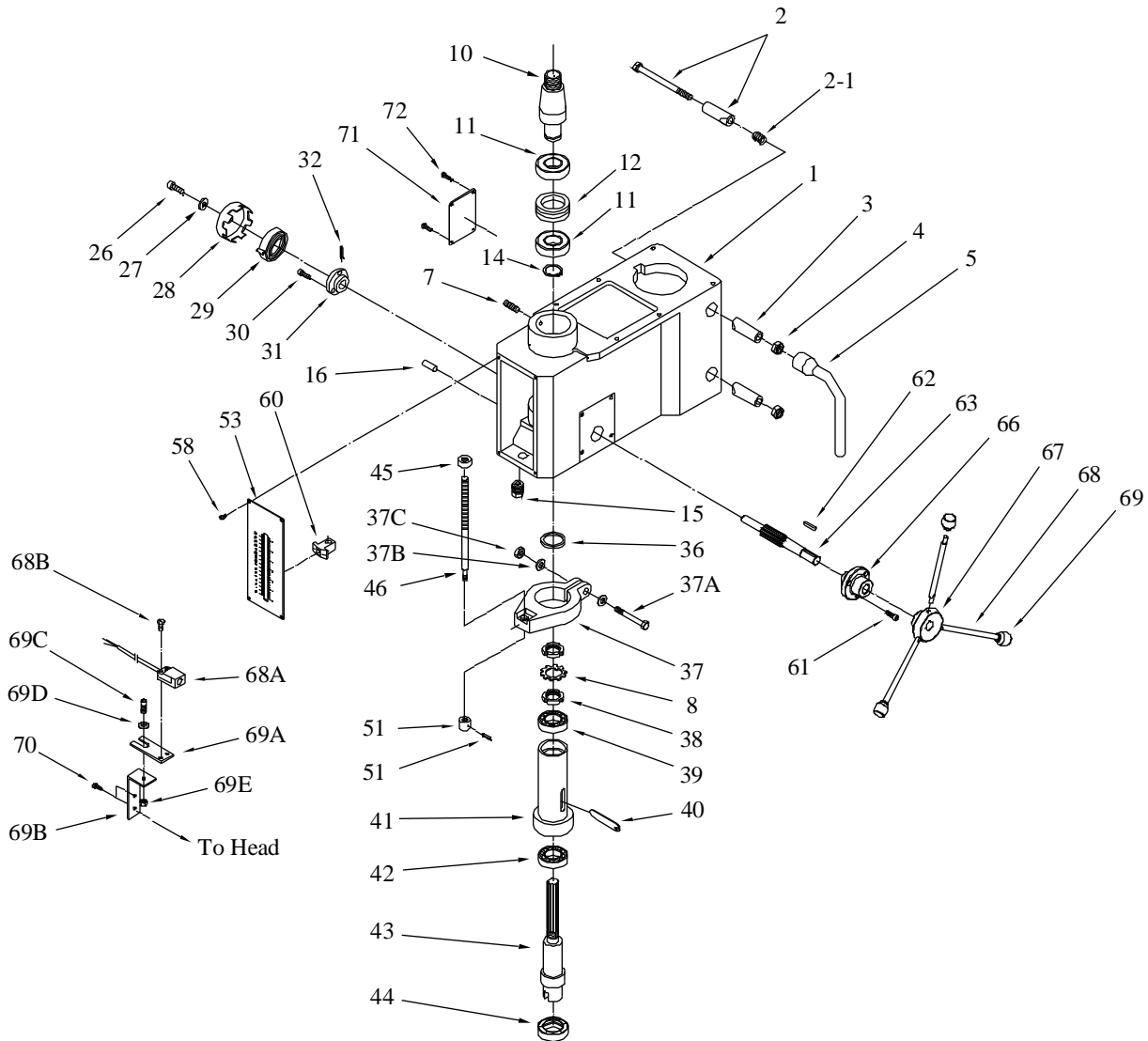


## Parts List: Drill Head – Inverter Speed Control (J-2232AC and J-2234AC)

Index No.	Part No.	Description	Size	Qty
1	J-5517332	Head Casting		1
2	5510142	Oil Window		1
3	5510143	Ball Bearing		1
4	5510144	Retaining Ring		1
5	5510145	Gear	32T	1
6	5510146	Key		1
7	5510147	Drive Shaft	13T	1
8	5510148	Ball Bearing		1
9	5510149	Retaining Ring		1
10	5510150	Ball Bearing		1
11	5510151	Retaining Ring		1
12	5510153	Gear	55T	1
13	5510152	Set Screw		1
14	5510155	Spring		1
15	5510154	Steel Ball		1
16	5510159	Key		1
17	5517333	Drain Plug	3/8 NPT	1
18	5510158	Gear	18T	1
20	5510160	Key		1
21	5510161	Mid Shaft		1
22	5510162	Key		1
23	5510163	Retaining Ring		2
24	5510164	Ball Bearing		1
25	5510165	Pin		1
26	5510166	Bar		1
26-1	5517334	Ring		1
27	5510167	Hex Nut		1
28	5510168	Spring Washer		1
29	5510169	Speed Change Block		1
30	5510170	Gear Bar		1
31	5510171	Set Screw		1
32	5517335	Speed Lever		1
33	5517336	Retaining Ring		1
34	5510173	Oil Seal		1
35	5510177	Gear Shaft	18T	1
36	5517337	Hex Nut		1
37	5517338	Cap Screw		1
38	5510178	Set Screw		1
39	5517339	Gearbox Top Cover		1
40	5510180	Oil Fill Fitting		1
40-1	5517340	Fill Tube		1
41	5510181	Oil Seal		1
42	5510182	Bolt		1
43	5510183	Oil Seal		1
44	5510184	Oil Seal		1
44-1	5517341	Retaining Ring		1
45	5510185	Set Screw		1
46	5510186	Drive Pulley		1
47	5517342	Spindle Pulley	48T	1
48	5517343	Belt	720x8	1
49	5510189	Hex Bolt	M6x30	2
49-1	5517344	Flat Head Screw	M5x10	2
50	5517345	Flat Washer	M6	2
51	5517346	Bracket		1
51-1	5517347	Bearing Housing		1
51-2	5517348	Ball Bearing	6002ZZ	1
52	5510192	Key		1
53	J-5517349	Motor	2HP, 3PH, 220V	1
	J-5517350	Motor	2HP, 3PH, 440V	1
54	5510194	Washer		4
55	5510195	Screw		4
56	5510204	E-stop Switch		1
56-1	5510197	Speed Proximity Switch		1

Index No.	Part No.	Description	Size	Qty
56-2	5510198	Proximity Switch Bracket		1
57	5510201	Indicator Light		1
59	5510199	Pump Selector Switch		1
60	5510200	Forward/Reverse Switch		1
61	5510196	Speed Control Potentiometer		1
62	5510202	Green Pushbutton Switch		1
63	5510206	Screw		4
64	5517351	Control Panel		1
64-1	5517352	Plate Bracket		1
65	5510209	Pan Head Screw		2
66	5510210	Oil Filler Cover		1
67	J-5517353	Pulley Cover		1
67-4	5510215	Pan Head Screw		2
67-6	5517357	Screw		2
68	5510216	Spring Washer		2
69	5510217	Screw		2
70	J-5517359	Enclosure (w/door & latch)		1
71	5510219	Screw		4
72	5510220	Bolt		4
73	5517360	Washer		4
74	5510222	Cable Relief		1
74-1	5517361	Cable Relief		1
75	5510223	Electric Cable		1
75-1	5517362	Electric Cable		1
76	5510224	Window Cover		1
77	5517363	Component Mounting Panel		1
79	5510227	Insulation Board		1
80	5510228	Fuse Block		1
81	5510229	Transformer		1
82	5517364	Washer		4
83	5517365	Pan Head Screw		4
84	5517366	Cap Screw		4
84-1	5517367	Lock Washer		4
84-2	5517368	Hex Nut		4
85	5510233-1/3	Delta Inverter, M-type ( <i>serial no. 10110090 and higher</i> )	220V, 1/3PH	1
	5512670	Delta Inverter, M-type	440V, 3PH	1
85-1	5517371	Flat Washer		4
85-2	5517372	Screw		4
86	5517373	Sub-Panel		1
86-1	5517374	Screw		4
87	5510235	Terminal Block		1
88	5517375	Mounting Rail		1
89	5510237	Contact		1
89-1	5510238	Relay		1
90	5510240	Relay		1
94	5510242	Screw		2
95	5510243	Screw		2
96	5510244	Microswitch		2
97	5510245	Microswitch Bracket		2
98	5510246	Microswitch Support Rod		1
99	5514648	Electrical Enclosure Complete	220V, 3PH	1
	5514649	Electrical Enclosure Complete	440V, 3PH	1
105	5513519	LED Display	115/220	1
	5513736	LED Display	220/440	1
106	5513683	Cap Screw		2
107	5515285	Spindle Cap		1

## Spindle Components (All Models)

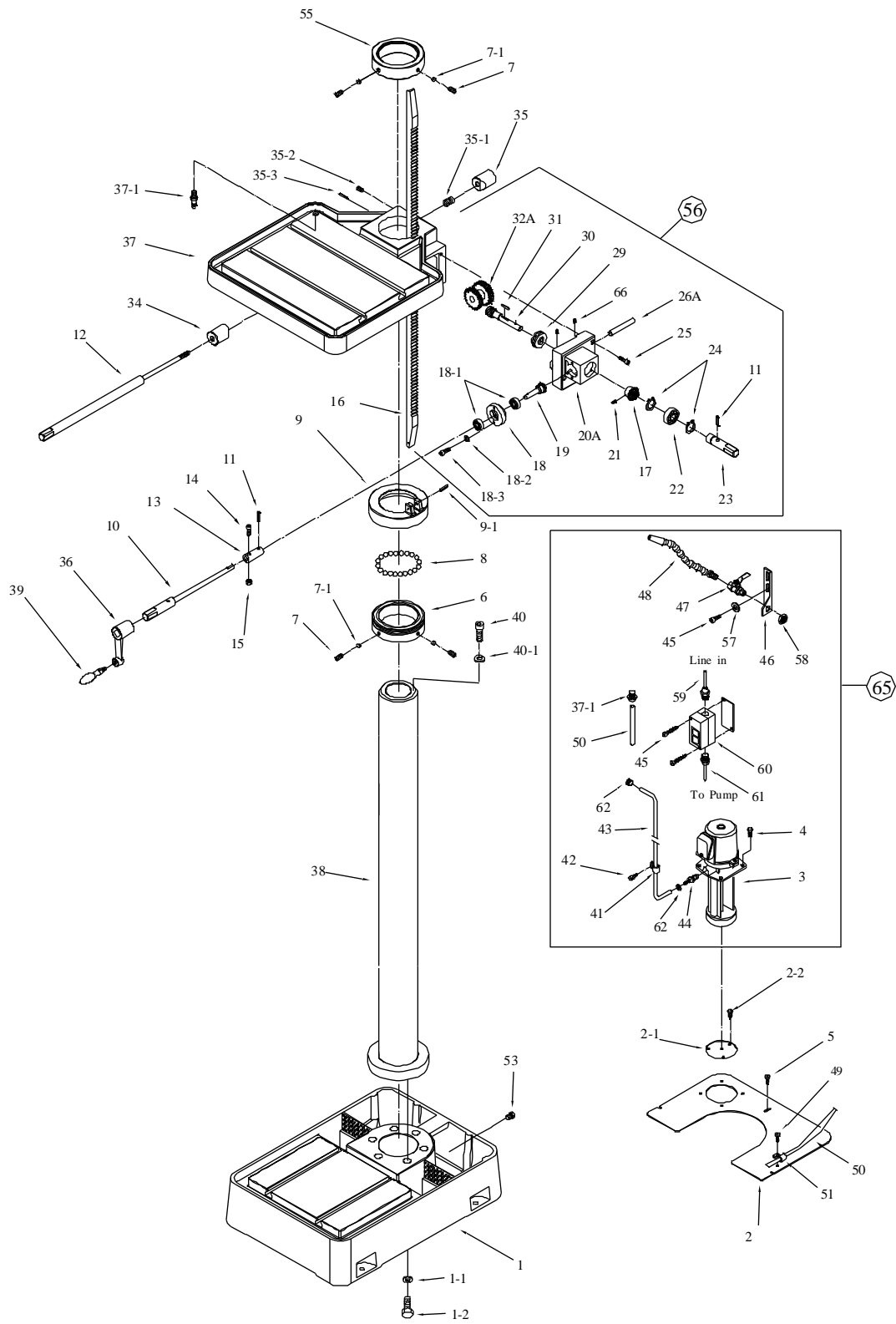


## Parts List: Spindle Components (All Models)

Index No.	Part No.	Description	Size	Qty
1.....	J-5517332.....	Head Casting .....		1
2.....	5517376.....	Hex Shoulder Bolt.....		2
2-1.....	5517377.....	Spring .....		2
3.....	5517378.....	Cam Lock Rod.....		2
4.....	5510250.....	Hex Nut.....		2
5.....	5510251.....	Hex Head Wrench .....		1
7.....	5510252.....	Set Screw .....		1
8.....	5517379.....	External Tooth Washer .....		1
10.....	5510253.....	Spindle .....		1
11.....	5510254.....	Ball Bearing.....		2
12.....	5510255.....	Spacer .....		1
14.....	5510256.....	C-Ring .....		1
15.....	5510258.....	Set Screw .....		1
16.....	5510259.....	Roll Pin.....		1

Index No.	Part No.	Description	Size	Qty
26	5510261	Socket Head Screw		1
27	5510262	Washer		1
28	5510263	Container (includes #29)		1
29	5510263	Return Spring		1
30	5510265	Socket Head Screw		3
31	5510266	Spring Seat		1
32	5510267	Spring Pin		1
36	5513770	Rubber Washer		1
37	J-5513771	Quill Band		1
37A	5517380	Hex Shoulder Bolt		1
37B	5517381	Flat Washer		2
37C	5517382	Hex Nut		1
38	5513772	Lock Nut		2
39	5513773	Ball Bearing		1
40	5513774	Drift Pin		1
41	5510268	Quill		1
42	5510269	Ball Bearing		1
43	5510270	Spindle		1
44	5510271	Oil Seal		1
45	5510272	Nut		1
46	5510273	Depth Rod		1
50	5510276	Retainer		1
51	5510277	Spring Pin		1
53	5510278	Depth Scale		1
58	5510279	Round Head Cap Screw		4
60	5510280	Key		1
61	5510281	Socket Head Screw		3
62	5510282	Key		1
63	5510283	Feed Shaft		1
66	5510284	Feed Shaft Seat		1
67	J-5510285	Hub		1
68	5510286	Spoke		3
68A	5513515	Magnetic Pickup		1
68B	5513687	Pan Head Screw		2
69	5510287	Knob		3
69A	5517383	Adjustable Plate		1
69B	5517384	Mag. Pickup Bracket		1
69C	5513689	Cap Screw		1
69D	5517385	Flat Washer		1
69E	5517386	Hex Nut		1
70	5517387	Screw		2
71	5511849	Cover		1
72	5513354	Screw		4

# Table and Base (All Models)



## Parts List: Table and Base (All Models)

Index No.	Part No.	Description	Size	Qty
1	J-5510288	Base		1
	J-5510288A	Base (serial no. 7090589 and higher for 2221/2223VS (serial no. 7100425 and higher for 2232/2234AC)		1
1-1	TS-0720111	Lock Washer	1/2"	6
1-2	TS-0070031	Hex Cap Screw	1/2" x 1-1/2"	6
2	J-5510289	Coolant Cover Plate		1
2-1	20EVS-C2-1	Small Cover		1
2-2	20EVS-C4	Screw w/Washer	1/4"	3
3	5510456	Coolant Pump	115V, 1P	1
	5512103	Coolant Pump	220/440V, 3P	1
4	5510291	Hex Bolt		4
5	5517388	Pan Head Screw		3
6	5510293	Ball Seat		1
	5510293A	Ball Seat (serial no. 7090589 and higher for 2221/2223VS (serial no. 7100425 and higher for 2232/2234AC)		1
7	5510294	Set Screw		4
7-1	5517389	Brass Block		4
8	5510295	Ball Bearing		1
9	J-5510296	Lock Ring		1
	J-5510296A	Lock Ring (serial no. 7090589 and higher for 2221/2223VS (serial no. 7100425 and higher for 2232/2234AC)		1
9-1	5517390	Pin		1
10	5516859	Table Raiser Shaft		1
11	5510298	Spring Pin		4
12	5516858	Table Clamp Shaft		1
13	5516860	Table Raiser Coupling		1
14	5510300	Socket Head Screw		1
15	5510301	Nut		1
16	5510302	Rack		1
17	5514663	Large Bevel Gear		1
18	5517391	Bearing Housing		1
18-1	5517392	Ball Bearing	6202ZZ	2
18-2	5517393	Washer		2
18-3	5510303	Cap Screw		2
19	5510304	Small Bevel Gear		2
20	J-5510305	Bracket Cover		1
20A	J-5510305A	Bracket Cover (serial no. 10120276 and higher for J-2221/J-2223VS) (serial no. 11010102 and higher for J-2232AC/J-2234AC)		1
21	5510306	C-Ring		1
22	5510307	Ball Bearing		1
23	5510308	Shaft		1
24	5510309	C-Ring		2
25	5510310	Socket Head Screw		4
26	5510311	Shaft		1
26A	5510311A	Shaft (serial no. 10120276 and higher for J-2221/J-2223VS) (serial no. 11010102 and higher for J-2232AC/J-2234AC)		1
29	5510314	Bearing		1
30	5510315	Table Raise Worm		1
31	5510316	Key		1
32	5510317	Worm Gear		1
32A	5510317A	Worm Gear Assembly (serial no. 10120276 and higher for J-2221/J-2223VS) (serial no. 11010102 and higher for J-2232AC/J-2234AC)		1
34	5510319	Front Cam Lock		1
35	5510320	Rear Cam Lock		1
35-1	5517396	Spring		1
35-2	5517397	Cap Screw	M6x25	1
35-3	5517398	Pin	5x25	2

Index No.	Part No.	Description	Size	Qty
36	J-5510321	Table Raise Crank		2
37	J-5510322	Table		1
37-1	5517399	Hose Coupler (Return)	1/2"	1
38	5510323	Column		1
	5510323A	Column (serial no. 7090589 and higher for 2221/2223VS (serial no. 7100425 and higher for 2232/2234AC)		1
39	5510324	Table Raise Handle		1
40	5510325	Hex Head Screw		1
40-1	5510334	Washer		1
41	5510326	Clamp		1
42	5510327	Pan Head Screw		1
43	5510328	Clear Vinyl Hose	3/8"	1
44	5510329	Hose Coupler (Supply)	3/8"	1
45	5512112	Socket Head Cap Screw	#10-32 x 1"	4
46	5510331	Mounting Bracket		1
47	5510332	Valve		1
48	5510333	Flexible Nozzle		1
49	5517400	Pan Head Screw		1
50	5517401	Clear Vinyl Hose	1/2"	1
51	5517402	Hose Clamp		1
53	5517404	Drain Plug	3/8 NPT	1
55	J-5517406	Rack Collar		1
56	5513932	Table Raiser Assembly		1
57	9057451	Flat Washer	#10	2
58	5517488	Hex Nut	1/2"	1
59	5517489	Power Cord		1
60	5517490	Switch Assembly		1
61	5517491	Pump Cord	1 Phase	1
	5517492	Pump Cord	3 Phase	1
62	5517493	Hose Clamp, Rad. Type		2
65	5512104	Coolant System Complete	1/8 HP, 115/220V, 1 Phase	1
	5508071	Coolant System Complete	1/8 HP, 220/440V, 3 Phase	1
66	TS-1522021	Socket Set Screw	M5 x8	2
	J2221-SBCA	Support Bearing Collar Assembly (includes #6,7,7-1,8,9,9-1)		1



# Wiring Diagram – Models J-2232AC and J-2234AC

