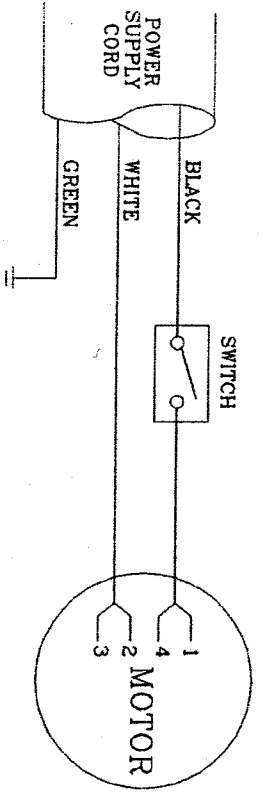
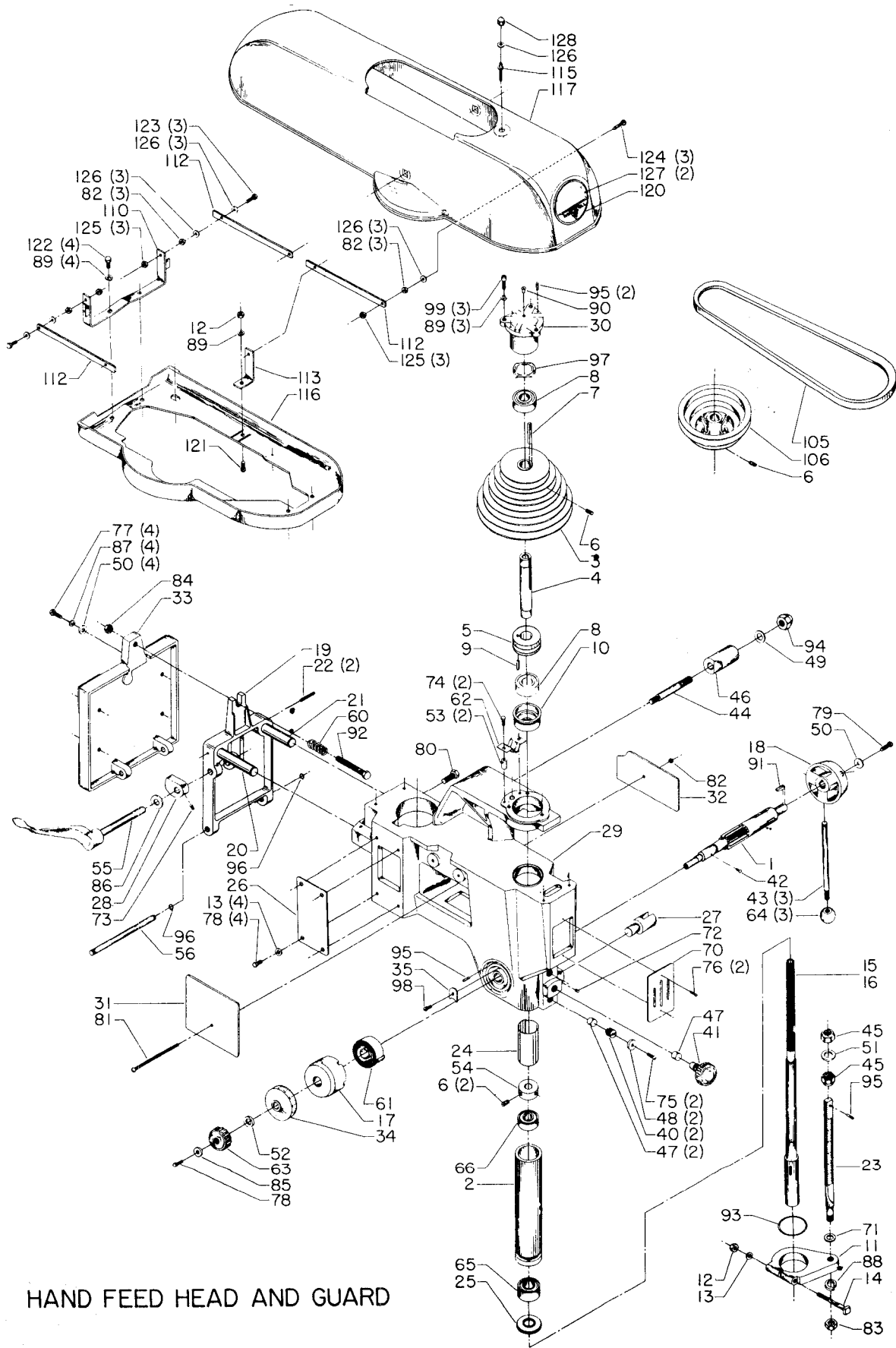


# WIRING DIAGRAM



# 20" DRILL PRESS (old style)



HAND FEED HEAD AND GUARD

## Parts List for 20-431 Type 1

Item Number	Part Number	Description	Qty Required
1	000000-00	No Longer Available	1
2	000000-00	No Longer Available	1
3	000000-00	No Longer Available	1
4	401041065004	SHAFT	1
5	000000-00	No Longer Available	1
6	901041500217	SET SCREW	2
7	927030102668	KEY	1
8	920040205360	BEARING	1
9	905010106714	ROLL PIN	1
10	000000-00	No Longer Available	1
11	000000-00	No Longer Available	1
12	902010101300S	HEX NUT	1
13	904010101620S	WASHER	8
17	000000-00	No Longer Available	1
18	000000-00	No Longer Available	1
19	000000-00	No Longer Available	1
22	000000-00	No Longer Available	2
23	000000-00	No Longer Available	1
25	401040365001	FLINGER COLLAR	1
26	401040315005	COVER PLATE	1
27	000000-00	No Longer Available	1
28	000000-00	No Longer Available	1
29	000000-00	No Longer Available	1
30	000000-00	No Longer Available	1
31	000000-00	No Longer Available	1
32	000000-00	No Longer Available	1
33	000000-00	No Longer Available	1

## Parts List for 20-431 Type 1

Item Number	Part Number	Description	Qty Required
34	000000-00	No Longer Available	1
35	000000-00	No Longer Available	1
40	000000-00	No Longer Available	2
42	952011213274	SPRING PIN	1
43	000000-00	No Longer Available	1
44	000000-00	No Longer Available	1
45	000000-00	No Longer Available	1
47	000000-00	No Longer Available	2
49	000000-00	No Longer Available	1
50	904100315381	WASHER	4
51	000000-00	No Longer Available	1
52	000000-00	No Longer Available	1
54	904101812409	COLLAR	1
55	000000-00	No Longer Available	1
56	000000-00	No Longer Available	1
60	000000-00	No Longer Available	1
61	928080121766	RETURN SPRING	1
63	000000-00	No Longer Available	1
64	931010114796	KNOB - SCREW ON	3
70	402040310001S	SWITCH OPENING COVER	1
71	000000-00	No Longer Available	1
72	491950-00	SET SCREW	1
73	901041500231S	SET SCREW	1
74	901020100501	MACHINE SCREW	2
75	901020100503	MACHINE SCREW	2
77	901010600602	CAP SCREW	4
78	901010600605	CAP SCREW	4

## Parts List for 20-431 Type 1

Item Number	Part Number	Description	Qty Required
79	901010600607S	SCREW	1
80	000000-00	No Longer Available	1
81	901020100912	MACHINE SCREW	1
82	489026-00	HEX NUT	6
83	902010201226S	NUT	1
84	902010201266	HEX JAM NUT	1
85	491956-00	WASHER	1
86	904010101622	STEEL WASHER	1
87	904020101703S	LOCK WASHER	4
88	000000-00	No Longer Available	1
89	904020101703S	LOCK WASHER	7
90	907000002486	OIL HOLE COVER	1
91	927030102662	KEY	1
92	000000-00	No Longer Available	1
93	000000-00	No Longer Available	1
94	000000-00	No Longer Available	1
95	905010106715S	ROLL PIN	2
96	904150107018S	RING	1
97	000000-00	No Longer Available	1
98	901030408015S	CAP SCREW	1
99	901030408016S	CAP SCREW	3
110	000000-00	No Longer Available	1
113	401040145007	FRONT BRACKET	1
116	000000-00	No Longer Available	1
117	000000-00	No Longer Available	1
121	901020100506	MACHINE SCREW	1
122	489047-00	CAP SCREW	4

## Parts List for 20-431 Type 1

Item Number	Part Number	Description	Qty Required
123	901010600626S	CAP SCREW	3
124	901110200821	CARRIAGE BOLT	3
125	902012101079	LOCK NUT	6
126	904010101614S	STEEL WASHER	9
135	401040895001	STOP COLLAR	1
136	000000-00	No Longer Available	1
137	000000-00	No Longer Available	1
138	000000-00	No Longer Available	1
139	000000-00	No Longer Available	1
140	000000-00	No Longer Available	1
141	401041065007	GEAR SHAFT	1
145	901043804562	GUIDE SCREW	2
146	000000-00	No Longer Available	4
147	904010317712S	WASHER	1
148	904070714214	WASHER	1
149	904070714230	WASHER	1
150	401043515003	GEAR ASSY	1
151	401040515002	WORM GEAR	1
152	401043515002	GEAR ASSY	1
154	000000-00	No Longer Available	1
155	000000-00	No Longer Available	1
160	921010100031	STEEL BALL	38
161	901010600651	CAP SCREW	1
162	901010600663	CAP SCREW	1
163	000000-00	No Longer Available	1
164	905020105030	GROOVE PIN	2
165	902010205435S	JAM NUT	2

## Parts List for 20-431 Type 1

Item Number	Part Number	Description	Qty Required
166	901010600649S	CAP SCREW	2
167	901010605770	CAP SCREW	2
168	000000-00	No Longer Available	2
169	905020506862	GROOVE PIN	1
177	20-627	3-3/4 X 66 IN COLUMN	1
180	952011413285	STUD	1
181	902012101084	5/8FLEXLCKNUT	1
184	904020101713	LOCK WASHER	1
185	000000-00	No Longer Available	2
186	852573	NUT	1
187	491956-00	WASHER	1