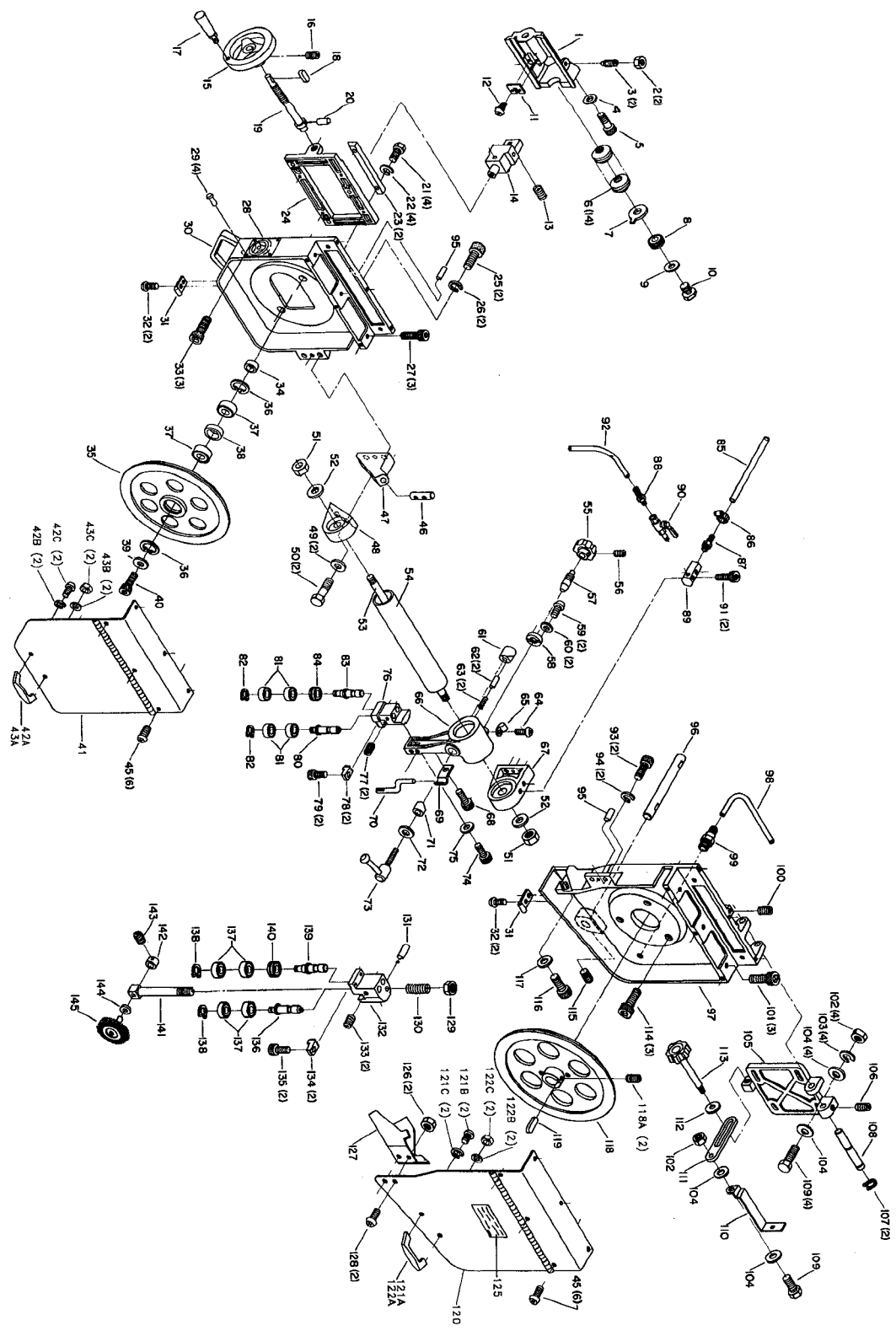
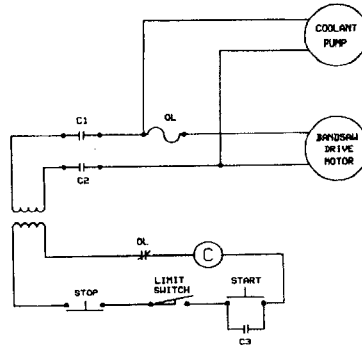


**8" X 14"
HORIZONTAL BANDSAW**

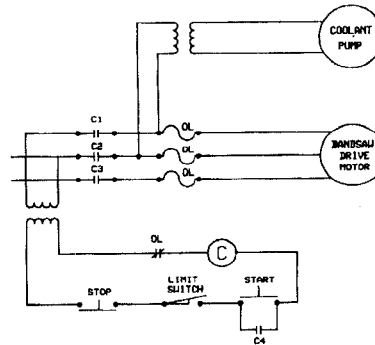
HBS-6
Part No. 1340231
Revised: 12/15/97



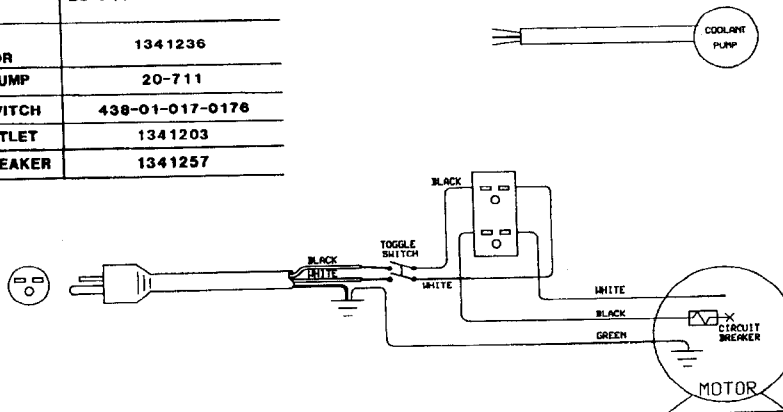
SERVICE PARTS FOR 20-707 ELECTRICAL KIT (230 VOLT, SINGLE PHASE LVC)	
BAND SAW DRIVE MOTOR	82-040
COOLANT PUMP	20-711
MOTOR STARTER	52-704
HEATER	587-00-001-0333
START SWITCH	1341187
STOP SWITCH	1341189
LIMIT SWITCH	1341194

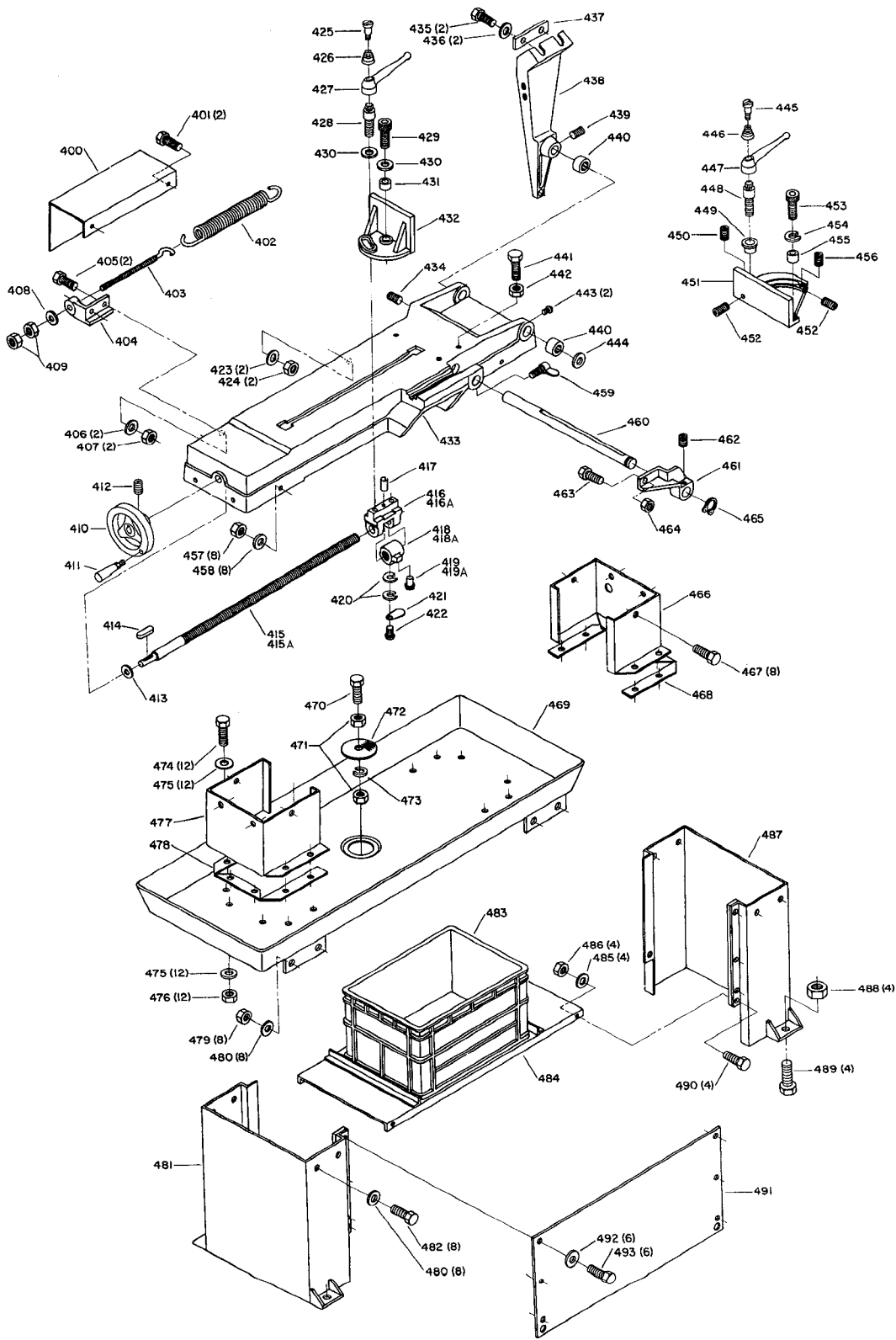


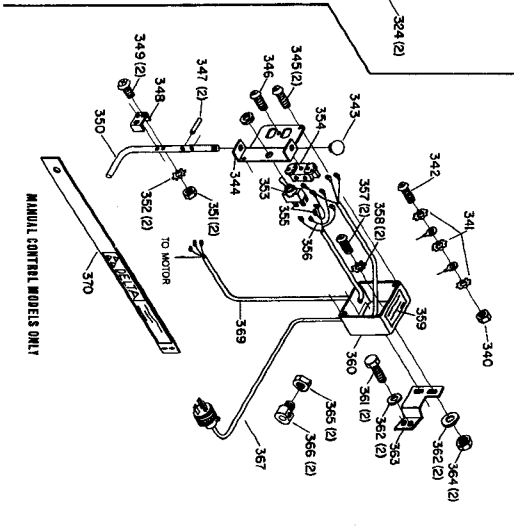
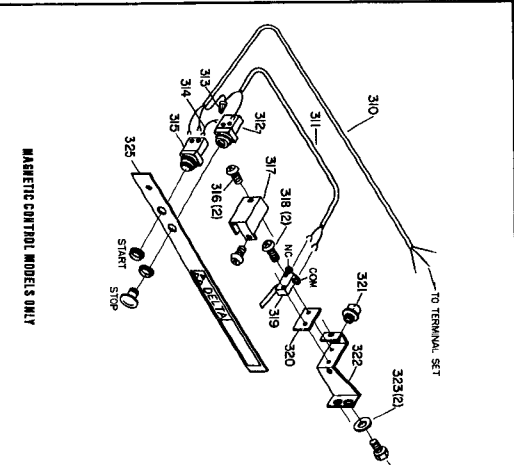
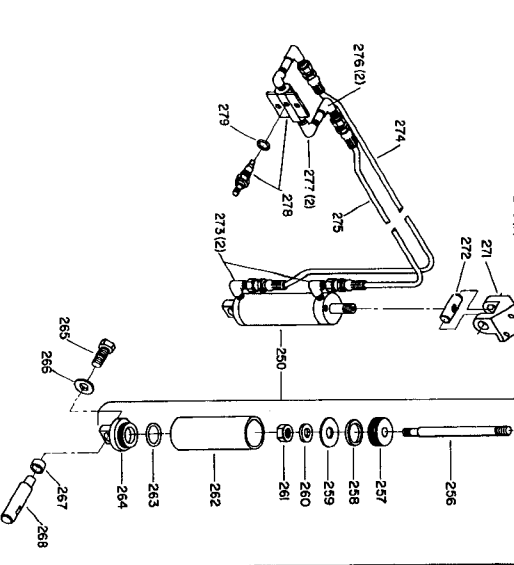
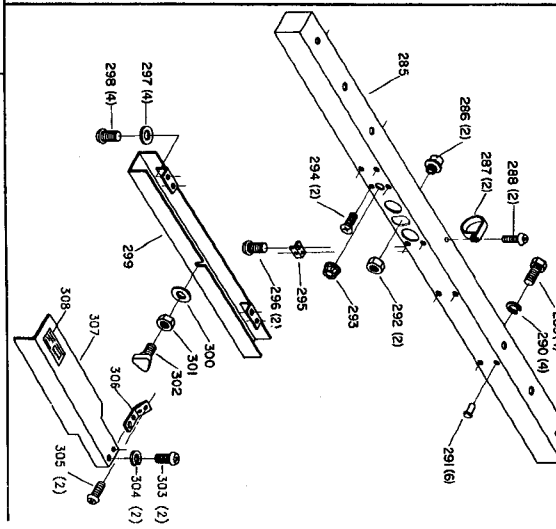
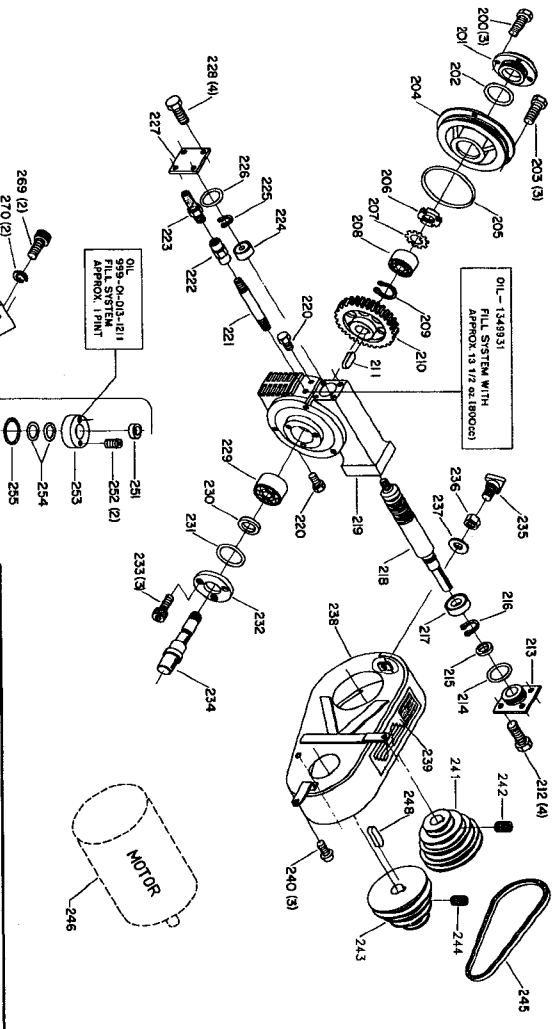
	SERVICE PARTS FOR 20-709 ELECTRICAL KIT (200 VOLTS, THREE PHASE)	SERVICE PARTS FOR 20-718 ELECTRICAL KIT (480 VOLTS, THREE PHASE)	SERVICE PARTS FOR 20-708 ELECTRICAL KIT (230 VOLTS, THREE PHASE)
BAND SAW DRIVE MOTOR	86-047	86-040	86-040
COOLANT PUMP	20-711	20-712	20-711
COOLANT PUMP TRANSFORMER	NONE	1201943	NONE
MOTOR STARTER	52-702	52-702	52-702
HEATER	587-00-001-0331	587-00-001-0321	587-00-001-0329
START SWITCH	1341187	1341187	1341187
STOP SWITCH	1341189	1341189	1341189
LIMIT SWITCH	1341194	1341194	1341194



SERVICE PARTS FOR 20-719 ELECTRICAL KIT	
BAND SAW DRIVE MOTOR	1341236
COOLANT PUMP	20-711
TOGGLE SWITCH	438-01-017-0176
DUPLEX OUTLET	1341203
CIRCUIT BREAKER	1341257







MAGNETIC CONTROL MODELS ONLY

MANUAL CONTROL MODELS ONLY

Parts List for 20-716 Type 1

Item Number	Part Number	Description	Qty Required
1	000000-00	No Longer Available	1
1	1340965	SLIDE	1
2	1243476	NUT	2
3	1340966	SPECIAL SET SCREW	2
4	904010101606S	STEEL WASHER	1
5	000000-00	No Longer Available	14
6	000000-00	No Longer Available	1
7	1340969	INDICATOR DIAL	1
8	000000-00	No Longer Available	1
9	904010101608	STEEL WASHER	1
10	000000-00	No Longer Available	1
11	000000-00	No Longer Available	1
12	1246088	MACH SCREW	1
13	000000-00	No Longer Available	1
14	000000-00	No Longer Available	1
15	1341262	HANDWHEEL ASSY	1
16	1243321	SCREW	1
17	000000-00	No Longer Available	1
18	1340958	KEY	1
19	000000-00	No Longer Available	1
20	1341226	PIN	1
21	1246018	CAP SCREW	4
22	904020201704S	LOCK WASHER	4
23	000000-00	No Longer Available	2
24	000000-00	No Longer Available	1
25	1246074	HEX HD CAP SCR	2
26	904020201704S	LOCK WASHER	2

Parts List for 20-716 Type 1

Item Number	Part Number	Description	Qty Required
27	1246174	CAP SCREW	3
28	000000-00	No Longer Available	1
29	1310016	DR. SCREW	4
30	000000-00	No Longer Available	1
31	1341026	BRACKET	2
32	1246045	MACH SCREW	4
33	000000-00	No Longer Available	3
34	1340988	SPACER	1
35	1340983	IDLER WHEEL ASSY	1
36	1340984	RET RING	2
37	1340986	BEARING	2
38	1340987	SPECIAL WASHER	1
39	904010101606S	STEEL WASHER	1
40	1246174	CAP SCREW	1
41	1348784	IDLER WHL COVER ASSY	1
42	1341065	COVER HANDLE	1
42	000000-00	No Longer Available	2
42	901051631126S	SCREW	2
43	1348785	COVER HANDLE	1
43	488813-00	LOCK WASHER	2
43	491964-00	NUT	2
45	1246045	MACH SCREW	12
46	1341251	CLAMP	1
47	000000-00	No Longer Available	1
48	000000-00	No Longer Available	1
48	000000-00	No Longer Available	1
49	904010101606S	STEEL WASHER	2

Parts List for 20-716 Type 1

Item Number	Part Number	Description	Qty Required
50	1246035	CAP SCREW	2
51	1246114	HEX NUT	2
52	904010101613	STEEL WASHER	2
53	000000-00	No Longer Available	1
54	000000-00	No Longer Available	1
55	1341101	KNOB	1
56	1243321	SCREW	1
57	1341103	SHAFT	1
58	1341105	NUT	1
59	1341104	SCREW	2
60	491957-00	LOCK WASHER	2
61	1341264	COLUMN CLAMP ASSY	1
62	1341226	PIN	2
63	1341109	SPRING	2
64	1246045	MACH SCREW	1
65	000000-00	No Longer Available	1
66	1341107	ARM	1
67	1341098	RT COLUMN SPT BKT	1
68	1243379	SCREW	1
69	1341116	BRACKET	1
70	1341114	COOLANT TUBE	1
71	000000-00	No Longer Available	1
72	904010101606S	STEEL WASHER	1
73	000000-00	No Longer Available	1
74	1243554	SCREW	1
75	904010101606S	STEEL WASHER	1
76	1341265	LT BLADE GUIDE ASSY	1

Parts List for 20-716 Type 1

Item Number	Part Number	Description	Qty Required
76	1341115	LT BRG BKT	1
77	1243321	SCREW	2
78	000000-00	No Longer Available	2
79	1243336	SCREW	2
80	1341074	ECCENTRIC SHAFT	1
81	1341072	BEARING	2
82	1341071	RETAINING RING	2
83	1341073	STRAIGHT SHAFT	1
84	1341078	BEARING	1
85	1341086	HOSE	1
86	000000-00	No Longer Available	1
87	000000-00	No Longer Available	1
88	000000-00	No Longer Available	1
89	000000-00	No Longer Available	1
89	000000-00	No Longer Available	1
90	000000-00	No Longer Available	1
91	1246104	CAP SCREW	2
92	1341094	HOSE	1
93	1246074	HEX HD CAP SCR	2
94	904020201704S	LOCK WASHER	2
95	1341226	PIN	2
96	000000-00	No Longer Available	1
97	1341022	DRIVE WHEEL BOX	1
98	1341023	HOSE	1
99	000000-00	No Longer Available	1
100	1246011	SET SCREW	1
101	1246100	CAP SCREW	3

Parts List for 20-716 Type 1

Item Number	Part Number	Description	Qty Required
102	491964-00	NUT	4
103	904020101703S	LOCK WASHER	4
104	491956-00	WASHER	4
105	000000-00	No Longer Available	1
106	1243321	SCREW	1
107	1341061	RET RING	2
108	1341063	PIVOT SHAFT	1
109	489303-00	HEX HEAD SCREW	4
110	000000-00	No Longer Available	1
111	000000-00	No Longer Available	1
112	904010101606S	STEEL WASHER	1
113	000000-00	No Longer Available	1
114	1246100	CAP SCREW	3
115	1341011	SCREW	1
116	1243530	SCREW	1
117	904020101703S	LOCK WASHER	1
118	000000-00	No Longer Available	1
118	1341011	SCREW	2
119	000000-00	No Longer Available	1
120	1348783	DRIVE WHL COVER ASSY	1
121	1341065	COVER HANDLE	1
121	901051631126S	SCREW	2
121	000000-00	No Longer Available	2
122	1348785	COVER HANDLE	1
122	488813-00	LOCK WASHER	2
122	491964-00	NUT	2
125	000000-00	No Longer Available	1

Parts List for 20-716 Type 1

Item Number	Part Number	Description	Qty Required
126	1243456	NUT	2
127	000000-00	No Longer Available	1
128	1246045	MACH SCREW	2
129	1243476	NUT	1
130	000000-00	No Longer Available	1
131	1341080	PIN	1
132	1341075	RT BRG BKT	1
132	1341070	BLADE GUIDE ASSY	1
133	1243321	SCREW	2
134	000000-00	No Longer Available	2
135	1243336	SCREW	2
136	1341074	ECCENTRIC SHAFT	1
137	1341072	BEARING	2
138	1341071	RETAINING RING	2
139	1341073	STRAIGHT SHAFT	1
140	1341078	BEARING	1
141	000000-00	No Longer Available	1
142	000000-00	No Longer Available	1
143	901041900203	SET SCREW	1
144	000000-00	No Longer Available	1
145	1341081	BRUSH	1
200	1246014	CAP SCREW	3
201	000000-00	No Longer Available	1
202	1341007	O-RING	1
203	489303-00	HEX HEAD SCREW	3
204	000000-00	No Longer Available	1
205	000000-00	No Longer Available	1

Parts List for 20-716 Type 1

Item Number	Part Number	Description	Qty Required
206	000000-00	No Longer Available	1
207	000000-00	No Longer Available	1
208	000000-00	No Longer Available	1
209	000000-00	No Longer Available	1
210	000000-00	No Longer Available	1
211	000000-00	No Longer Available	1
212	1246014	CAP SCREW	4
213	000000-00	No Longer Available	1
214	1341007	O-RING	1
215	000000-00	No Longer Available	1
216	000000-00	No Longer Available	1
217	920040216559	BEARING	1
218	000000-00	No Longer Available	1
219	000000-00	No Longer Available	1
219	1340990	GEAR BOX ASSY	1
220	000000-00	No Longer Available	2
221	000000-00	No Longer Available	1
222	000000-00	No Longer Available	1
223	1340995	VENT PLUG	1
224	1086894S	BEARING	1
225	1341016	RET RING	1
226	000000-00	No Longer Available	1
227	000000-00	No Longer Available	1
228	1246014	CAP SCREW	4
229	000000-00	No Longer Available	1
230	000000-00	No Longer Available	1
231	1341244	O-RING	1

Parts List for 20-716 Type 1

Item Number	Part Number	Description	Qty Required
232	000000-00	No Longer Available	1
233	1246014	CAP SCREW	3
234	1340991	OUTPUT SHAFT	1
235	1341043	KNOB	1
236	1341248	NUT	1
237	491956-00	WASHER	1
238	1341053	PULLEY COVER ASSY	1
239	1341224	LABEL	1
240	000000-00	No Longer Available	3
241	000000-00	No Longer Available	1
241	000000-00	No Longer Available	1
242	1341011	SCREW	1
243	1341269	DRIVEN PULLEY	1
244	1341011	SCREW	1
245	000000-00	No Longer Available	1
246	000000-00	No Longer Available	1
248	1341052	KEY	1
250	1341271	DASH POT ASSY	1
251	1341141	OIL SEAL	1
252	000000-00	No Longer Available	2
253	000000-00	No Longer Available	1
254	000000-00	No Longer Available	1
255	000000-00	No Longer Available	1
256	000000-00	No Longer Available	1
257	1341146	PISTON	1
258	1341147	OIL SEAL	1
259	1341148	SEAL	1

Parts List for 20-716 Type 1

Item Number	Part Number	Description	Qty Required
260	904010101604S	STEEL WASHER	1
261	000000-00	No Longer Available	1
262	000000-00	No Longer Available	1
263	000000-00	No Longer Available	1
264	000000-00	No Longer Available	1
265	1341153	SCREW	1
266	491956-00	WASHER	1
267	1341238	SPACER	1
268	1341154	PIVOT SHAFT	1
269	1246054	CAP SCREW	2
270	904020101703S	LOCK WASHER	2
271	1341138	BRACKET	1
272	1341139	PIVOT PIN	1
273	1341152	HOSE FITTING	2
274	000000-00	No Longer Available	1
275	1341030	HOSE W/FITTINGS	1
276	000000-00	No Longer Available	2
277	000000-00	No Longer Available	2
278	000000-00	No Longer Available	1
279	000000-00	No Longer Available	1
285	000000-00	No Longer Available	1
286	1341028	STRAIN RELIEF	2
287	000000-00	No Longer Available	2
288	1341235	SCREW	2
288	1341235	SCREW	2
289	1246018	CAP SCREW	4
290	904020201704S	LOCK WASHER	4

Parts List for 20-716 Type 1

Item Number	Part Number	Description	Qty Required
291	1246088	MACH SCREW	6
292	000000-00	No Longer Available	2
293	1341037	KNOB	1
294	1246155	SCREW	2
295	000000-00	No Longer Available	1
296	1246045	MACH SCREW	2
297	491957-00	LOCK WASHER	4
298	1246088	MACH SCREW	4
299	000000-00	No Longer Available	1
300	491956-00	WASHER	1
301	1341248	NUT	1
302	1341043	KNOB	1
303	1246045	MACH SCREW	2
304	491957-00	LOCK WASHER	2
305	1246002	MACH SCREW	2
306	1341121	BRACKET	1
307	1341122	BLADE GUARD	1
308	1341223	PLATE	1
310	000000-00	No Longer Available	1
311	000000-00	No Longer Available	1
312	1341189	SWITCH STOP	1
313	488979-00	WIRE NUT	1
314	000000-00	No Longer Available	1
315	1341187	START SWITCH	1
316	1246045	MACH SCREW	2
317	1341192	COVER	1
318	000000-00	No Longer Available	2

Parts List for 20-716 Type 1

Item Number	Part Number	Description	Qty Required
319	1341194	3 PH LIMIT SWITCH	1
320	1341195	INSULATOR	1
321	1341028	STRAIN RELIEF	1
322	1341196	LIMIT SWITCH BRACKET	1
323	904010101604S	STEEL WASHER	2
324	1246013	CAP SCREW	2
325	000000-00	No Longer Available	1
340	1243395	HEX NUT	1
341	491958-00	LOCK WASHER	1
342	1246088	MACH SCREW	1
343	000000-00	No Longer Available	1
344	1341199	ELEC BOX COVER	1
345	1246088	MACH SCREW	2
346	000000-00	No Longer Available	1
347	000000-00	No Longer Available	2
348	000000-00	No Longer Available	1
349	1243379	SCREW	2
350	000000-00	No Longer Available	1
351	000000-00	No Longer Available	2
352	000000-00	No Longer Available	2
353	49-330	SWITCH	1
354	000000-00	No Longer Available	1
355	000000-00	No Longer Available	1
356	000000-00	No Longer Available	1
357	1341104	SCREW	2
358	904030301757S	LOCK WASHER	2
359	000000-00	No Longer Available	1

Parts List for 20-716 Type 1

Item Number	Part Number	Description	Qty Required
360	1341207	ELECTRICAL BOX	1
361	1246013	CAP SCREW	2
362	904010101604S	STEEL WASHER	4
363	000000-00	No Longer Available	1
364	1243456	NUT	2
365	000000-00	No Longer Available	2
366	1341028	STRAIN RELIEF	2
367	000000-00	No Longer Available	1
369	000000-00	No Longer Available	1
370	000000-00	No Longer Available	1
400	000000-00	No Longer Available	1
401	489303-00	HEX HEAD SCREW	2
402	000000-00	No Longer Available	1
403	000000-00	No Longer Available	1
404	000000-00	No Longer Available	1
405	489303-00	HEX HEAD SCREW	2
406	491956-00	WASHER	2
407	491964-00	NUT	2
408	904010101608	STEEL WASHER	1
409	1320075	HEX NUT 1/2-12	1
410	1341262	HANDWHEEL ASSY	1
411	000000-00	No Longer Available	1
412	1243321	SCREW	1
413	000000-00	No Longer Available	1
414	1340958	KEY	1
415	1348776	ACME SCREW	1
415	000000-00	No Longer Available	1

Parts List for 20-716 Type 1

Item Number	Part Number	Description	Qty Required
415	1341159	ACME SCREW	1
415	000000-00	No Longer Available	1
416	1348775	BRACKET	1
416	1341127	BRACKET	1
417	1341226	PIN	1
418	000000-00	No Longer Available	1
418	1341270	ACME NUT ASSY	1
419	000000-00	No Longer Available	1
419	1341129	PLUG	1
420	000000-00	No Longer Available	1
421	1341131	RETAINER	1
422	1246088	MACH SCREW	1
423	491956-00	WASHER	2
424	491964-00	NUT	2
425	1341256	ADJ SCREW	1
426	000000-00	No Longer Available	1
427	000000-00	No Longer Available	1
427	000000-00	No Longer Available	1
428	1341253	SPECIAL SCREW	1
429	1246096	CAP SCREW	1
430	904010101606S	STEEL WASHER	2
431	1341125	BUSHING	1
432	1341126	VICE JAW BRACKET	1
433	000000-00	No Longer Available	1
434	1341011	SCREW	1
435	1246019	CAP SCREW	2
436	904020201704S	LOCK WASHER	2

Parts List for 20-716 Type 1

Item Number	Part Number	Description	Qty Required
437	000000-00	No Longer Available	1
438	1341156	REAR PIVOT BRACKET	1
439	1341011	SCREW	1
440	000000-00	No Longer Available	2
441	1341165	HEX HEAD SCREW	1
442	1243476	NUT	1
443	000000-00	No Longer Available	2
444	000000-00	No Longer Available	1
445	1341256	ADJ SCREW	1
446	000000-00	No Longer Available	1
447	000000-00	No Longer Available	1
447	000000-00	No Longer Available	1
448	1341253	SPECIAL SCREW	1
449	000000-00	No Longer Available	1
450	1243321	SCREW	1
451	000000-00	No Longer Available	1
452	1246011	SET SCREW	2
453	1246172	CAP SCREW	1
454	904020201705	LOCK WASHER	1
455	1341134	BUSHING	1
456	1243321	SCREW	1
457	491964-00	NUT	8
458	491956-00	WASHER	8
459	1341164	LEAF SCREW	1
460	1341163	PIVOT SHAFT	1
461	1341162	STOP BRACKET	1
462	1341011	SCREW	1

Parts List for 20-716 Type 1

Item Number	Part Number	Description	Qty Required
463	1341229	SCREW	1
464	1243496	NUT-STEEL	1
465	1341161	RETAINING RING	1
466	000000-00	No Longer Available	1
467	489303-00	HEX HEAD SCREW	8
468	000000-00	No Longer Available	1
469	000000-00	No Longer Available	1
470	1246014	CAP SCREW	1
471	1243456	NUT	1
472	1341179	FILTER	1
473	491957-00	LOCK WASHER	1
474	489303-00	HEX HEAD SCREW	12
475	491956-00	WASHER	24
476	491964-00	NUT	12
477	000000-00	No Longer Available	1
478	000000-00	No Longer Available	1
479	1243496	NUT-STEEL	8
480	904010101606S	STEEL WASHER	16
481	000000-00	No Longer Available	1
482	1246018	CAP SCREW	8
483	1341130	COOLANT TANK	1
484	000000-00	No Longer Available	1
485	491957-00	LOCK WASHER	4
486	1243456	NUT	4
487	000000-00	No Longer Available	1
488	1246114	HEX NUT	4
489	000000-00	No Longer Available	4

Parts List for 20-716 Type 1

Item Number	Part Number	Description	Qty Required
490	1246014	CAP SCREW	4
491	000000-00	No Longer Available	1
492	904010101604S	STEEL WASHER	6
493	1246013	CAP SCREW	6
600	000000-00	No Longer Available	1
601	82-040	MTR 1PH 1.5HP DP20	1
602	000000-00	No Longer Available	1
603	52-704S	1PH LVC	1
604	587000010333	HEATER - C955A	1
605	1341187	START SWITCH	1
606	1341189	SWITCH STOP	1
607	1341194	3 PH LIMIT SWITCH	1
610	000000-00	No Longer Available	1
610	000000-00	No Longer Available	1
610	000000-00	No Longer Available	1
611	000000-00	No Longer Available	1
611	000000-00	No Longer Available	1
611	000000-00	No Longer Available	1
612	000000-00	No Longer Available	1
612	000000-00	No Longer Available	1
612	000000-00	No Longer Available	1
613	000000-00	No Longer Available	1
613	000000-00	No Longer Available	1
614	52-702	3PH LVC	1
614	52-702	3PH LVC	1
614	52-702	3PH LVC	1
615	000000-00	No Longer Available	1

Parts List for 20-716 Type 1

Item Number	Part Number	Description	Qty Required
615	000000-00	No Longer Available	1
615	000000-00	No Longer Available	1
616	1341187	START SWITCH	1
616	1341187	START SWITCH	1
616	1341187	START SWITCH	1
617	1341189	SWITCH STOP	1
617	1341189	SWITCH STOP	1
617	1341189	SWITCH STOP	1
618	1341194	3 PH LIMIT SWITCH	1
618	1341194	3 PH LIMIT SWITCH	1
618	1341194	3 PH LIMIT SWITCH	1
620	000000-00	No Longer Available	1
621	000000-00	No Longer Available	1
622	000000-00	No Longer Available	1
623	49-330	SWITCH	1
624	000000-00	No Longer Available	1
625	1341257	CIRCUIT BREAKER	1