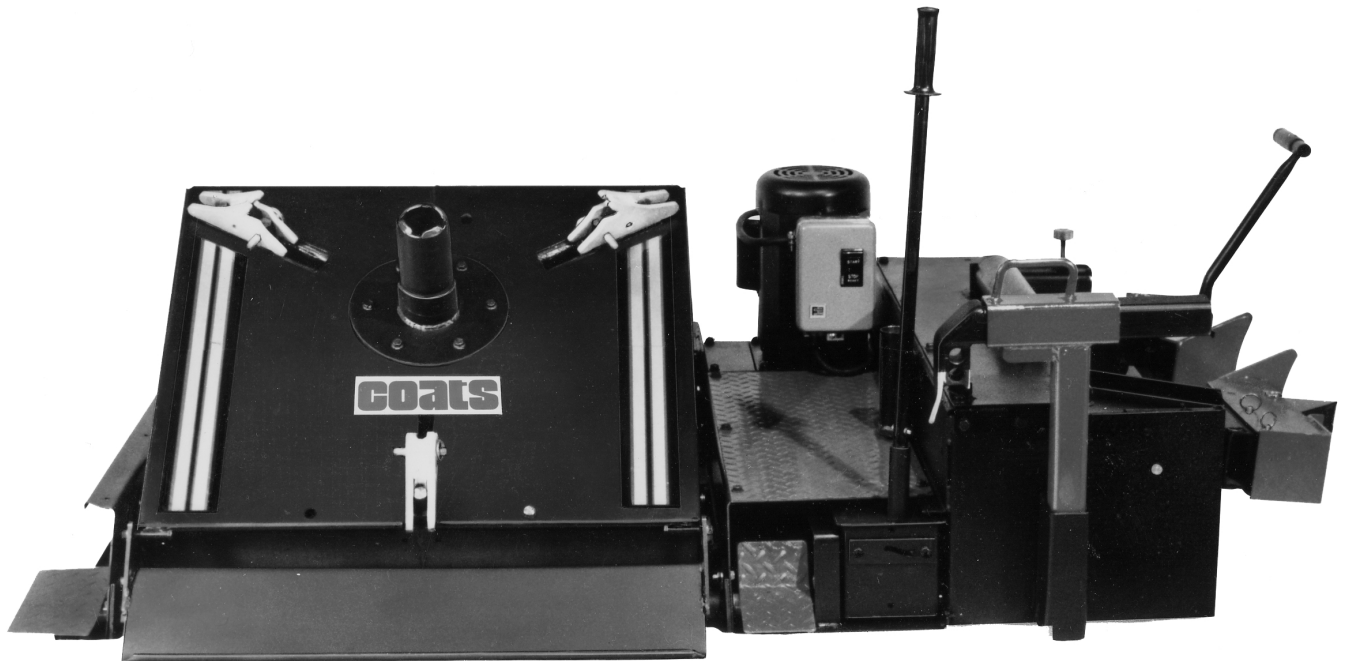


COATS®

H.I.T. 6000

Truck Tire Changer



Parts Identification

READ these instructions before placing unit in service KEEP these and other materials delivered with the unit in a binder near the machine for ease of reference by supervisors and operators.

HENNESSY INDUSTRIES, INC.

1601 J. P. Hennessy Drive, LaVergne, TN USA 37086-3565 615/641-7533 800/688-6359

HENNESSY INDUSTRIES INC. Manufacturer of AMMCO®, COATS® and BADA® Automotive Service Equipment and Tools.

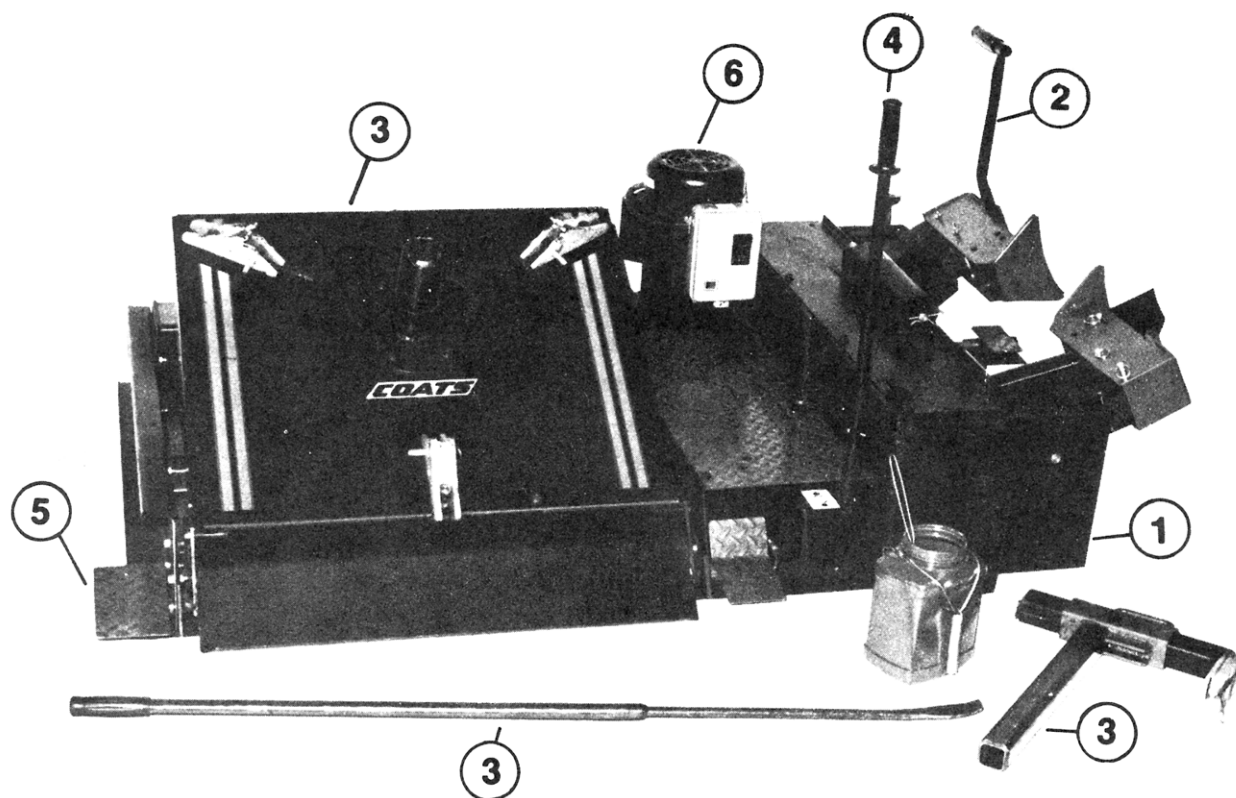
Manual Part No.: 9120584 02

Revision: 05/05

Parts Identification

Parts Identification

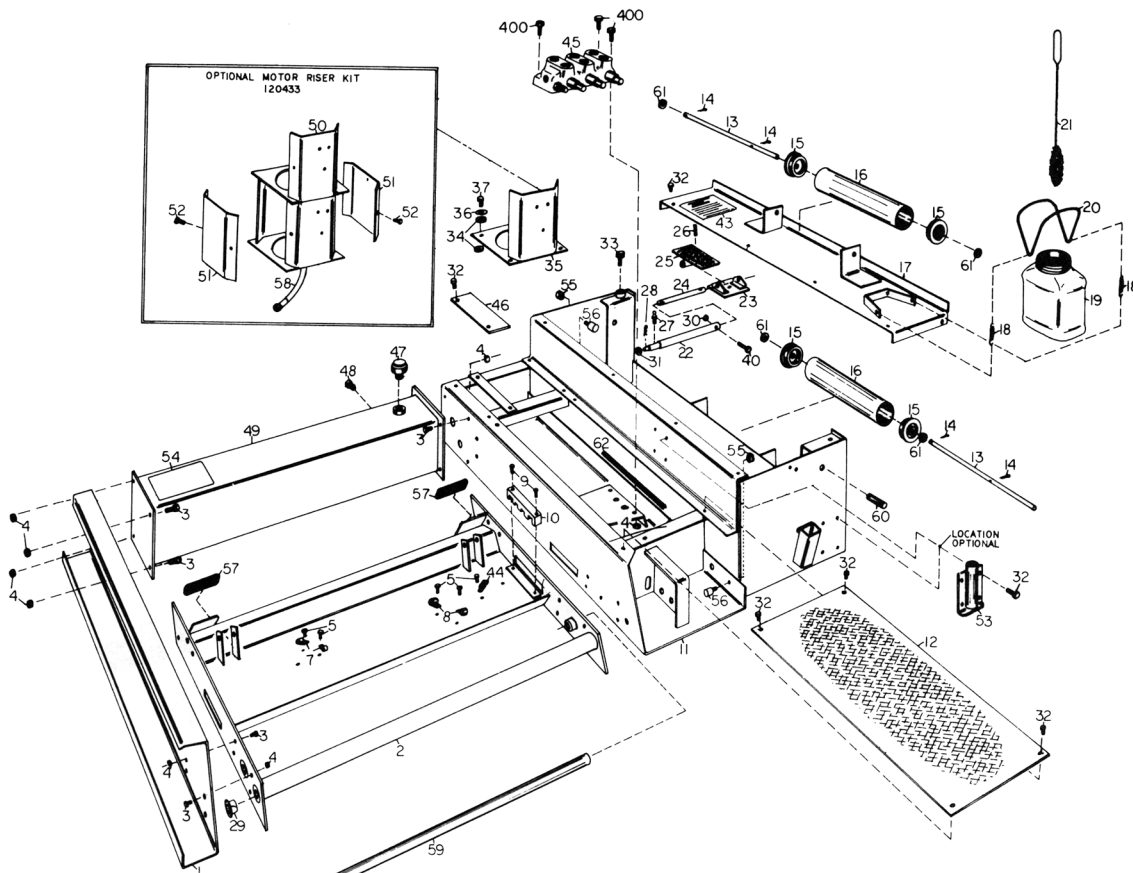
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Parts Identification

Chassis



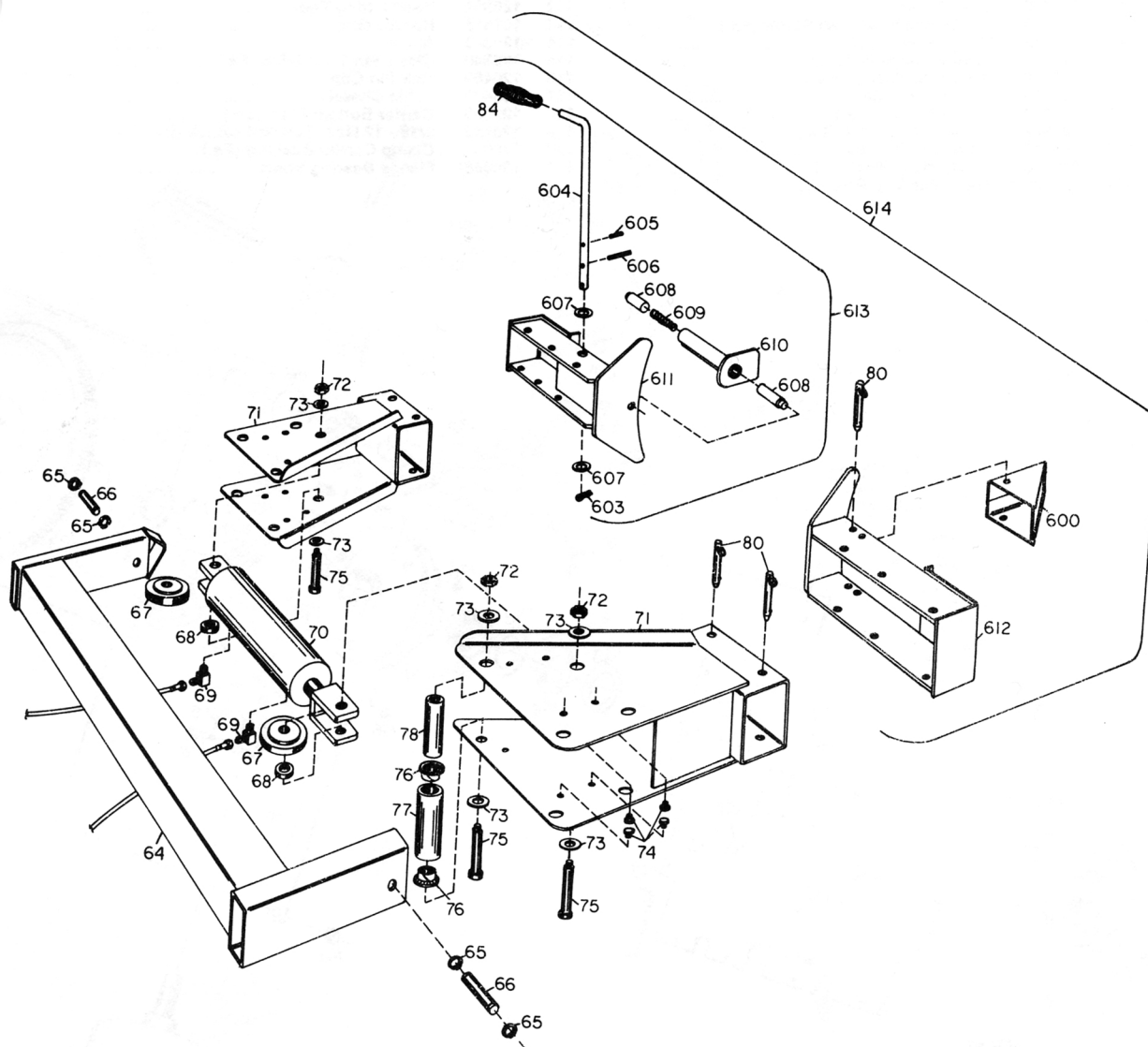
ITEM	PART NO.	DESCRIPTION
1	7120185	Outboard Rail
2	7120130	Cradle
3	7000524	3/8 x 1 Cap Screw (Ea.)
4	7000516	3/8 Lock Nut (Ea.)
5	7120455	10-24 Screw (Ea.)
7	7120387	Hose Clamp 1/8 ID (Ea.)
8	7120386	Hose Clamp 5/16 ID (Ea.)
9	7105390	1/4 x 1-1/2 Cap Screw (Ea.)
10	7120139	Hose Block
11	7120300	Bead Loosener Frame
12	7120172	Cover Plate
13	7120307	Roller Pivot (Ea.)
14	7107419	Hitch Pin
15	7120192	Bearing Roller (Ea.)
16	7120191	Roller (Ea.)
17	7120188	Bead Loosener Cover
18	7101106	Spring
19	7120347	Lube Bottle
20	7120346	Hold Down Lube Bottle
21	7120366	Cotton Swab
22	7120305	Pedal Extension
23	7120147	Foot Pedal Base
24	7120312	Rod Extension
25	7120143	Foot Pedal
26	7100602	3/16 x 1-1/4 Roll Pin
27	7106847	Pivot Ball
28	7107419	Hitch Pin
29	7106007	3/4 Nylon Bearing
30	7000591	1/4 Lock Nut
31	7010027	1/2 Washer

ITEM	PART NO.	DESCRIPTION
32	7106300	3/8 x 3/4 Self Tapping Bolt (Ea.)
33	7120308	Screw Adjusting
34	7120369	Rubber Washer (Ea.)
35	7120336	Switch Box Bracket
36	7000448	3/8 Washer
37	7105131	3/8 x 1-1/4 Self Tapping Bolt
43	7120348	Warning Decal
44	7103794	Hose Retainer
45		Hydraulic Valve
46	7120171	Cover Plate (small)
47	7120291	Breather Cap Assembly
48	7120344	1/4 NPT Pipe Plug
49		Reservoir
*50	7120383	Motor Riser
*51	7120382	Cover
*52	7106301	1/4 x 1/2 Self Tapping Bolt
53	7120328	Tool Holder
54	7120425	Maintenance Decal
55	7103260	1/2 Lock Nut
56	7104263	3/4 Stud
57	7120432	Table Stop Cushion
*58	7120427	5/16 Riser Hose Assembly
59		Rod Table Top Pivot
60		Pin Bead Loosener Pivot
61	7101253	3/4" Machine Bushing (Ea.)
62	7120471	12" Trim
400	7000278	3/8" x 2-1/4" N.C. HHCS (Ea.)

* Optional

Parts Identification

Bead Loosener



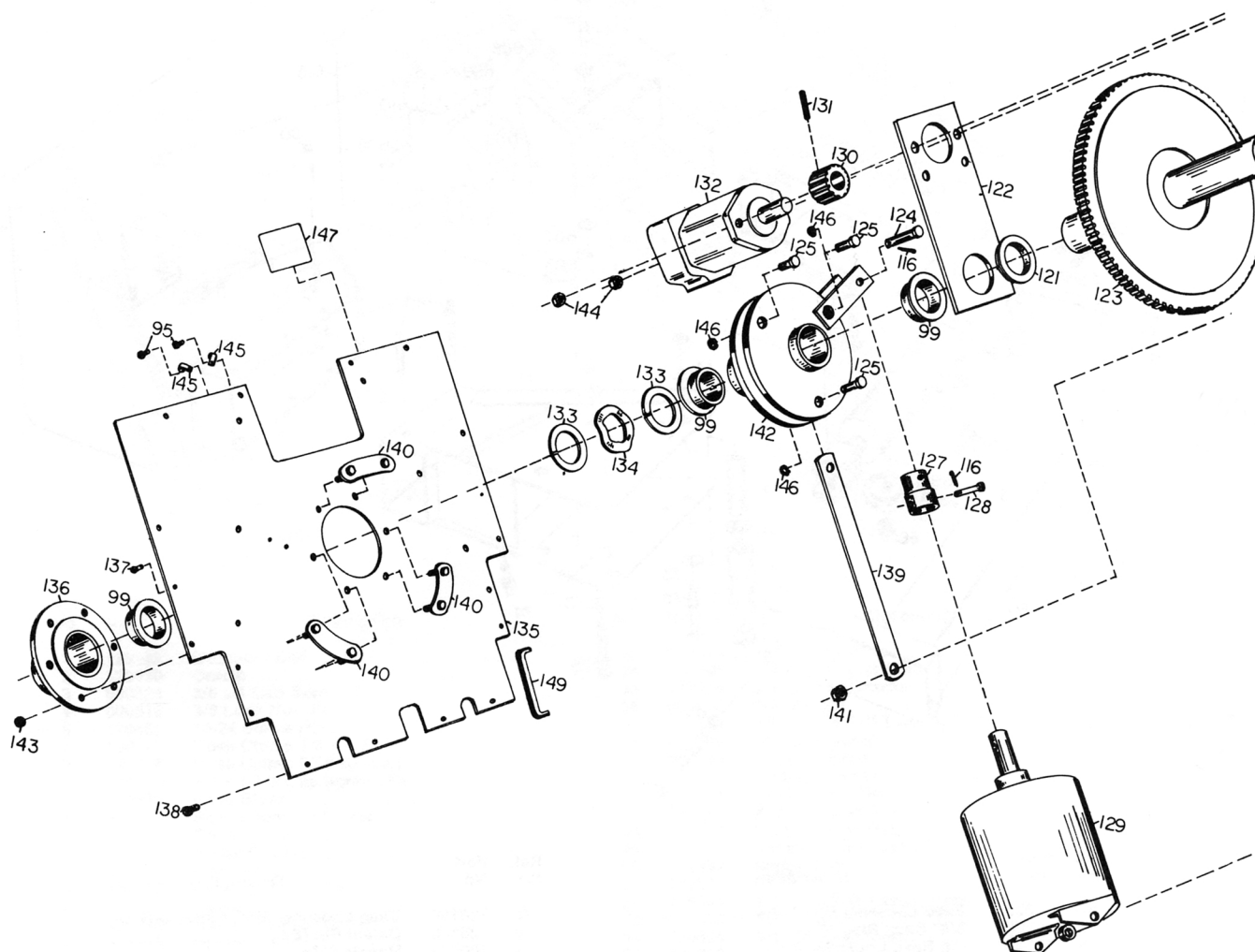
ITEM	PART NO.	DESCRIPTION
64	7120096	Bead Loosener Rail Tube
65	7101001	3/4" Snap Ring (Ea.)
66	7120314	Pin Bead Loosener Pivot
67	7120099	Bead Loosener Cyl. Wheel (Ea.)
68	7120103	Bead Loosener Cyl. Spacer (Ea.)
69	7120286	1/4 NPT x 3/8 JIC 90 degree ELL (Ea.)
70		Bead Loosener Cylinder (See page 8)
71	7120105	Bead Loosener Carrier (Ea.)
72	7120055	5/8-11 N.C. Flange Nut (Ea.)
73	7101253	3/4" Machine Bushing
74	7120100	Bead Loosener Slide Button (Ea.)
75	7120371	3/4" x 4 Shoulder Bolt (Ea.)
76	7101351	1-1/4" Nylon Bearing (Ea.)
77	7120102	Bead Loosener Roller Tube (Ea.)
78	7120104	Bead Loosener Roller Spacer (Ea.)
80	7120326	Detent Pin (Ea.)
84	7100979	Handle Grip
600	7120513	Wheel Stop
603	7107419	Hitch Pin
604	7120541	Handle

ITEM	PART NO.	DESCRIPTION
605	7100602	3/16 x 1-1/4 Roll Pin
606	7101094	1/4 x 2-1/2 Roll Pin
607	7103264	3/4 x 1-1/4 Machine Bushing
608	7120539	Shoulder Pin (Ea.)
609	7104284	Detent Spring
610	7120535	Pivotal Shoe
611	7120544	B.L. Shoe W/C R.H.
612	7120112	B.L. Shoe W/C L.H.
613	7120545	Pivotal Shoe Assy
614	7120550	Pivotal Shoe Kit Comp.

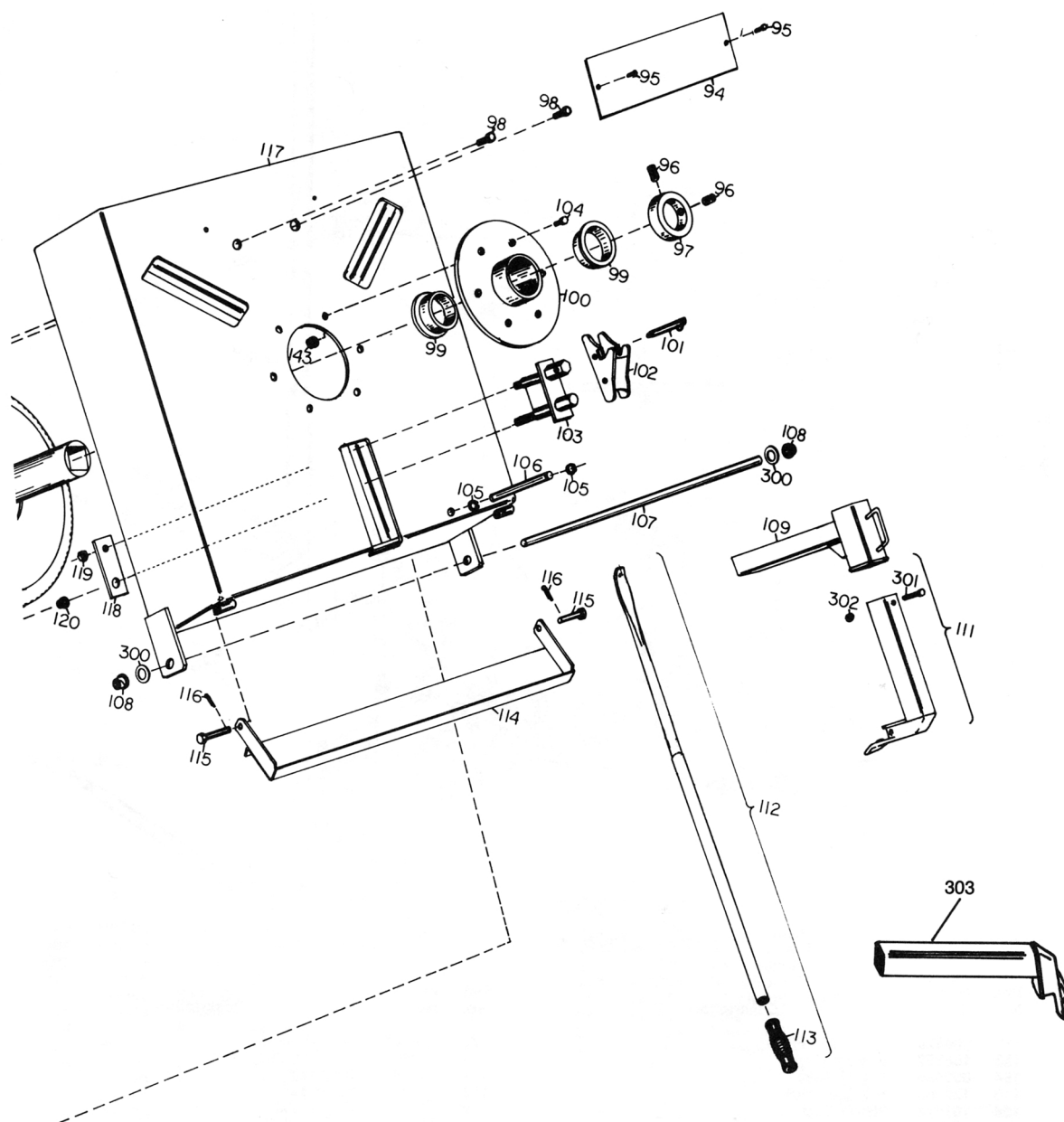
Parts Identification

Working Table

ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
94	7120373	Name Plate	108	7106007	3/4 Nylon Bearing
95	7104945	1/4 Self Tapping Bolt (Ea.)	109	7120082	Combo Tee
96	7120016	Quill Set Screw	111	7120092	Combo Tool Assembly
97	7120015	Quill Collar	112	7120334	Bead Lifting Tool
98	7120063	1/2-13 Hex Head Cap Screw (Ea.)	113	7107515	Handle Grip
99	7120012	Flange Bearing (Ea.)	114	7120343	Apron
100	7120010	Crown Flange Bearing	115	7120340	Clevis Pin 3/8 x 2-5/8 (Ea.)
101	7120088	Detent Pin Clamp (Ea.)	116	7120469	Hair Pin Clip
102	7120075	Clamp Plate (Ea.)	117	7120400	Table Chassis
103	7120057	Clamp Carrier (Ea.)	118	7120053	Carrier Bottom Plate (Ea.)
104	7106302	3/8 Whiz Lock Bolt (Ea.)	119	7120452	9/16 - 12 Hex. Jam Nut w/lock (Ea.)
105	7101001	3/4 Snap Ring (Ea.)	120	7120054	Clamp Carrier Bushing (Ea.)
106	7120048	Air Cylinder Pivot	121	7120068	Flange Bearing Short
107	7120180	Rod Table Top Pivot			



Parts Identification

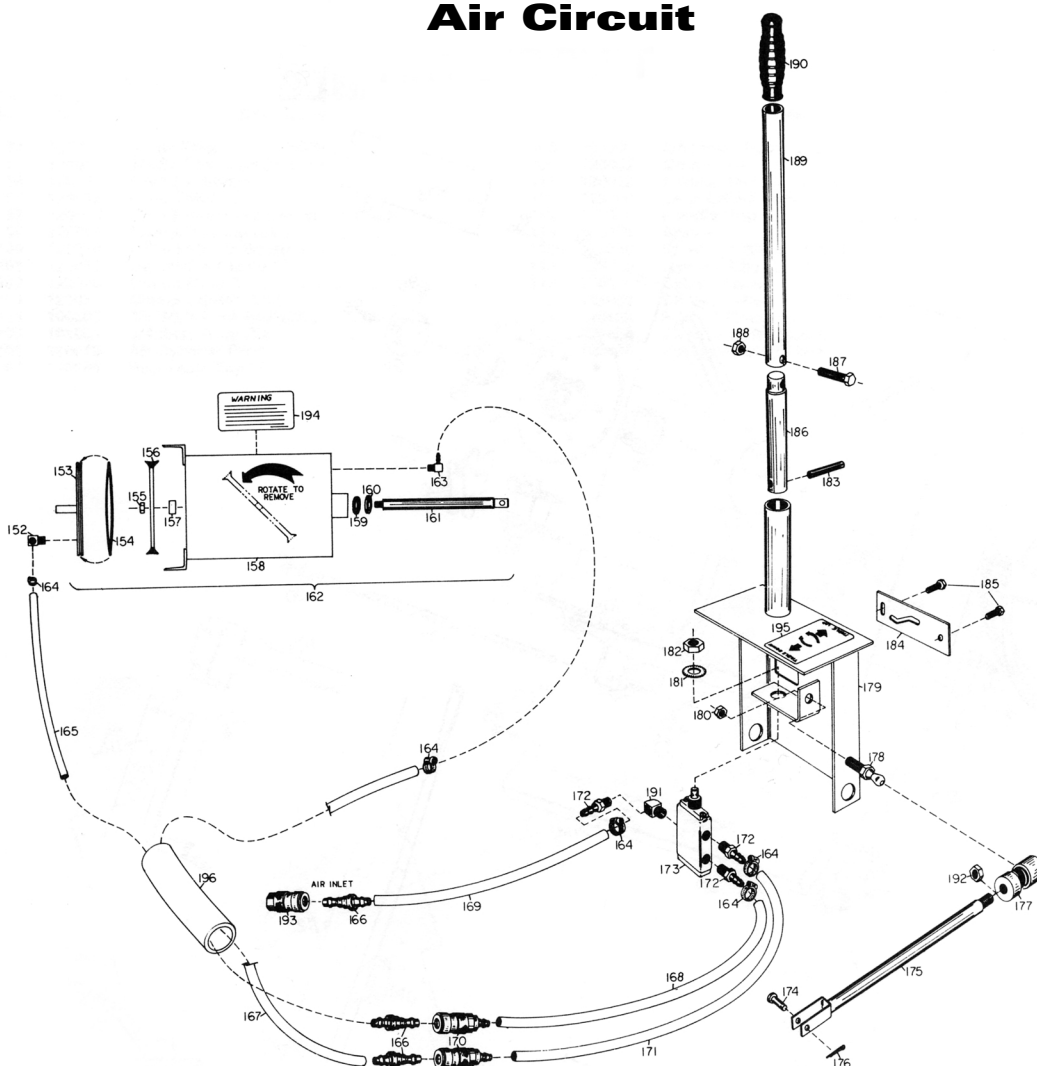


ITEM	PART NO.	DESCRIPTION
122	7120067	Hydraulic Motor Spacer Plate
123	7120021	Quill & Gear
124	7120087	1/2 Clevis Pin Long (Ea.)
125	7120430	1/2 Short Groove Pin (Ea.)
127	7120050	Air Cylinder Extension
128	7120429	1/16 x 1-1/2 Clevis Pin
129		5" Air Cylinder
130	7120065	Pinion Gear Motor
131	7120066	3/8 x 1-1/2 Spirol Pin
132		Hydraulic Motor
133	7120027	Shim (Ea.)
134	7120020	Wave Spring
135	7120399	Lower Cover Plate Assembly
136	7120018	Lower Flange Bearing
137	7120337	Round Head Drive Stud (Ea.)
138	7120325	5/16 x 1 Serrated Washer Head Screw (Ea.)

ITEM	PART NO.	DESCRIPTION
139	7120047	Clamp Timing Link
140	7120423	Bolting Plate (Ea.)
141	7120055	5/8-11 NC Flange Nut (Ea.)
142	7120004	Cam Plate
143	7120424	3/8 Washer Head Lock Nut
144	7120458	1/2 Lock Nut
145	7120386	5/16 Clamps
146	7120095	Snap Ring 1/2"
147	7120443	Lower Cover Warning Decal
149	7120462	Hose Pad
300	7101253	3/4" Machine Bushing
301	7120526	3/8 x 2-1/2 N.C. HHCS
302	7000516	3/8 Lock Nut
303	7120564	Duplex Combo Tool

Parts Identification

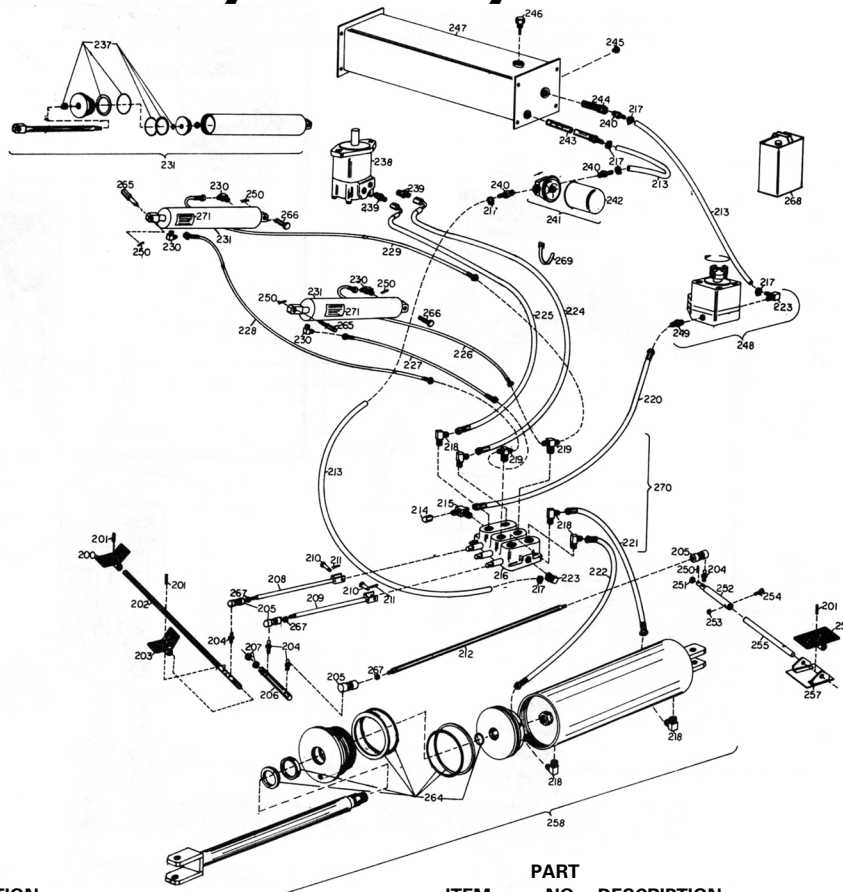
Air Circuit



ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
152	7000376	1/4" x 90 degree Fitting	175	7120161	Long Linkage
153	7106652	Bottom Cap	176	7120469	Hair Pin Clip
154	7000465	Cap O-ring	177	7106848	Retainer
155	7120463	3/4" Jam Nut	178	7106847	Pivot Ball
156	7107576	Piston Cup	179	7120181	Clamp Valve Bracket
157	7107511	Spacer	180	7000516	3/8" Lock Nut
158	7106646	Barrel Weldment	181	7104613	5/8" External Lock Washer
159	7106835	Rod Seal	182	7104611	5/8" Jam Nut N.F.
160	7106657	Wiper Seal	183	7120459	1/4" x 2 Spring Pin
161	7106779	Piston Seal	184	7120381	Valve Adjusting Plate
162	7106645	5" Cylinder Assembly	185	7106301	1/4" Self Tapping Screw
163	7105635	90 degree Short Fitting	186	7120178	Handle Shaft Valve
164	7101428	Hose Clamp	187	7120321	1/4" x 1-1/4" Cap Screw N.C.
165	7120270	Hose 1/4" I.D. x 26" Red	188	7000591	1/4" Lock Nut N.C.
166	7106319	Quick Coupler Male	189	7120182	Valve Bracket Handle
167	7120268	Air Hose 32"	190	7120332	Handle Grip
168	7120450	1/4" x 8" Air Hose Red	191	7120316	1/8" x 1/8" Street ELL
169	7120264	Air Hose 44"	192	7120368	3/8" x 24 Jam Nut
170	7106320	Quick Coupler Female	193	7120440	Quick Coupler-Female
171	7120271	Hose 8"	194	7120445	Decal Air Cylinder
172	7104844	1/4" Hose Fitting	195	7120349	Instruction Decal (Handle)
173	7120315	Air Valve	196	7120473	Rubber Tube
174	7106455	1/4" Clevis Pin			

Parts Identification

Hydraulic System

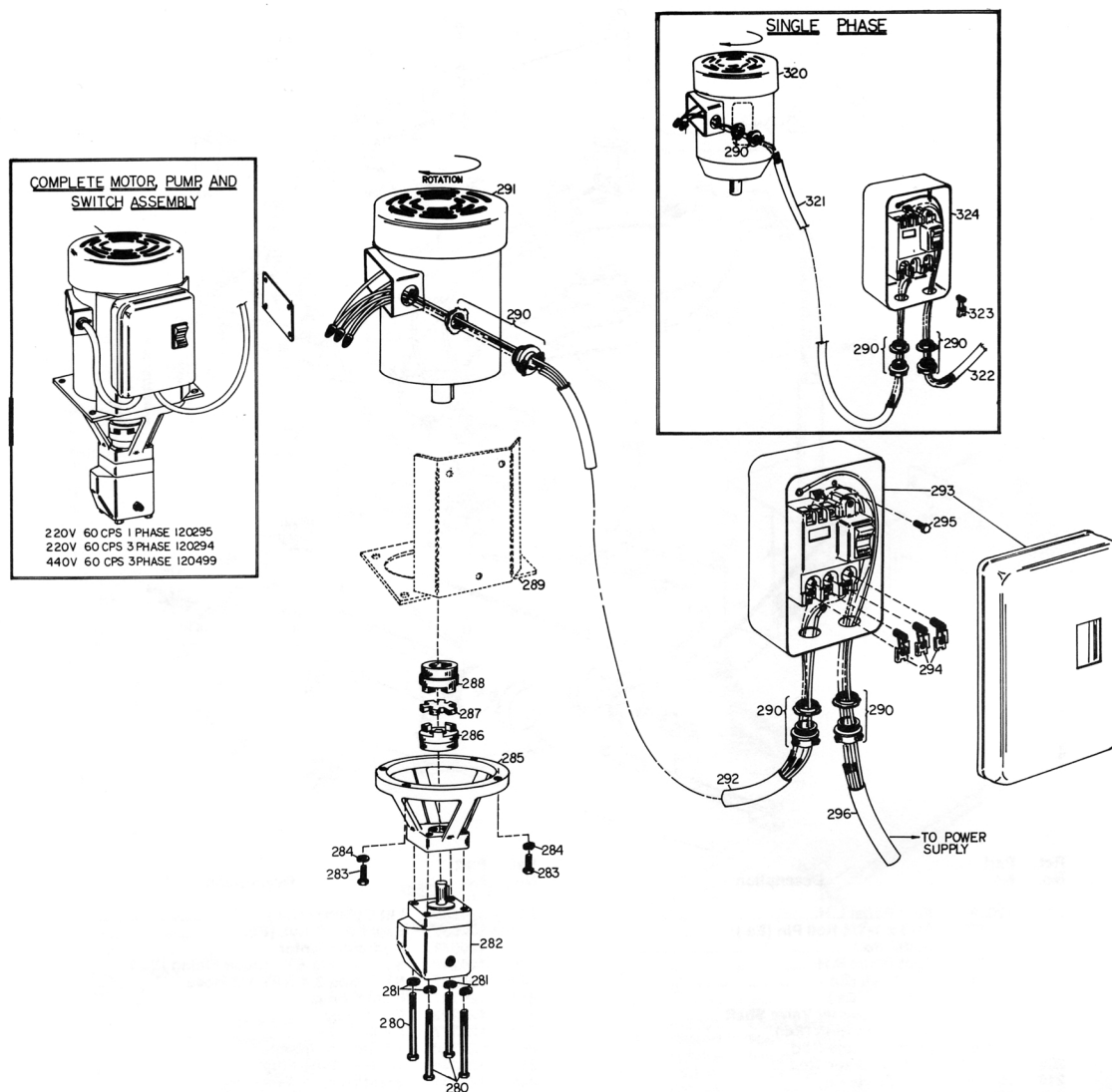


ITEM	PART NO.	DESCRIPTION
200	7120385	Foot Pedal L.H.
201	7100602	3/16 x 1-1/4 Roll Pin (Ea.)
202	7120179	Pedal Rod
203	7120140	Foot Pedal R.H.
204	7106847	Pivot Ball (Ea.)
205	7106848	Retainer (Ea.)
206	7120196	Bead Loosener Valve Shaft
207	7101001	3/4" Snap Ring (Ea.)
208	7120161	Long Linkage Rod
209	7120163	Short Linkage Rod
210	7106455	1/4" Clevis Pin
211	7120469	Hair Pin Clip
212	7120193	Bead Loosener Linkage Tube
213	7120252	1/2" I.D. Rubber Hose
214	7120287	3/8" JIC Cap
215	7120288	3/8" x 3/8" JIC Tee
216	7120553	Control Valve and Mtg. Hwd.
217	7101346	Hose Clamp (Ea.)
218	7120286	1/4 NPT x 3/8 JIC 90 degree ELL (Ea.)
219	7120290	Plug & Tee Assembly (Ea.)
220	7120227	Hose Assembly 5/16" x 16"
221	7120229	Hose Assembly 5/16" x 24-3/4"
222	7120228	Hose Assembly 5/16" x 23"
223	7120235	90 degree Fitting 3/8 NPT x 1/2 Hose (Ea.)
224	7120226	Hose Assembly 5/16" x 71"
225	7120297	Hose Assembly 5/16" x 71"
226	7120233	Hose Assembly 1/8" x 20"
227	7120234	Hose Assembly 1/8" x 17"
228	7120232	Hose Assembly 1/8" x 54"
229	7120231	Hose Assembly 1/8" x 61"
230	7120213	90 degree Fitting 1/4" Tube 1/4 NPT (Ea.)

ITEM	PART NO.	DESCRIPTION
231	7120239	Lift Cylinder (Ea.)
237	7120527	Seal Kit Lift Cyl. (Ea.)
238	7120071	Hydraulic Motor
239	7120249	ST 3/8 x 7/8 ST Thread Fitting (Ea.)
240	7120217	ST Fitting 3/4 NPT 1/2 Hose
241	7120221	Filter Comp.
242	7120222	Filter Only
243	7120377	Baffle Tube
244	7120220	1 x 3/4 x 6 Strainer
245	7120344	1/4 NPT Pipe Plug
246	7120291	Breather Cap Assembly
247	7120151	Reservoir
248	7120555	Replacement Hydraulic Pump Assy.
249	7120210	ST Fitting 3/8 Tube 3/8 NPT
250	7107419	Hitch Pin
251	7010027	1/2" Washer
252	7120305	Pedal Extension
253	7000591	1/4" Lock Nut
254	7105390	1/4 x 1-1/2 Cap Screw
255	7120312	Rod Extension
256	7120143	Foot Pedal
257	7120147	Pedal Base
258	7120240	Bead Loosener Cylinder
264	7120420	Seal Kit B.L. Cylinder
265	7120089	1/2" Clevis Pin
266	7120129	2-1/4 Clevis Pin
267	7120368	3/8 - 24 Jam Nut
268	7120454	1 Gal. Hydraulic Oil
269	7120441	Nylon Cable Tie
270	7120242	Valve with Fittings & Mtg. Hwd.
271	7120444	Warning Decal Hyd. Cyl.

Parts Identification

Electric System

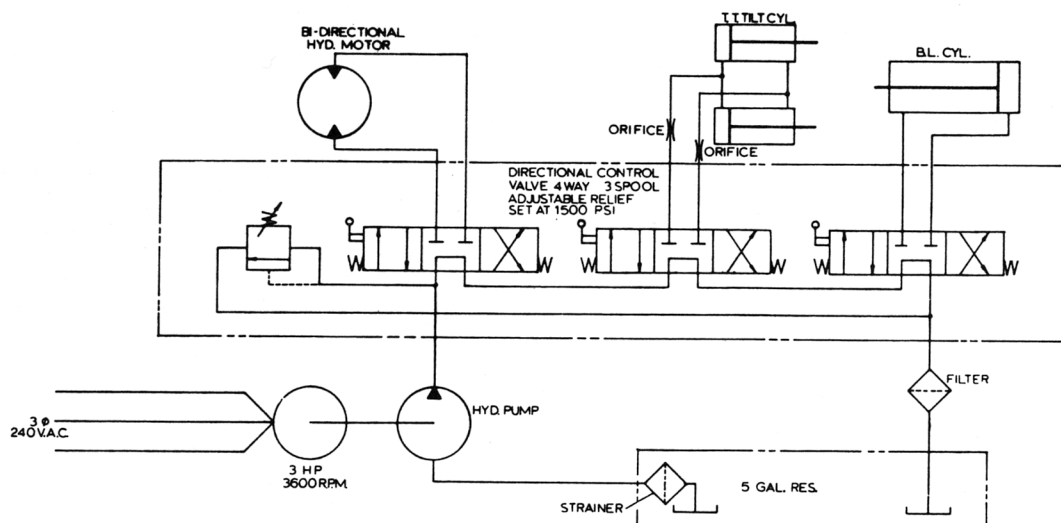


ITEM	PART NO.	DESCRIPTION
280	7120324	5/16" x 3-1/2" Cap Screw (Ea.)
281	7120421	5/16" Lock Washer (Spring Lock) (Ea.)
282		Hydraulic Pump
283	7120367	3/8" x 1-1/2" NC HHCS (Ea.)
284	7000542	3/8" Lock Washer
285	7120206	Bell Housing
286	7120246	Coupling LH 7/16" I.D.
287	7120250	Spider - Rubber
288	7120247	Coupling RH 5/8" I.D.
289		Switch Box Bracket
290	7120280	3/4" Cable Connector
291		Electric Motor 3 Phase
292	7120278	Patch Cord 3 Phase

ITEM	PART NO.	DESCRIPTION
293	7120203	Electric Switch 3 Phase
294		Switch Heater
295	7104596	10-24 Screw
296	7120201	Electric Cord 3 Phase
SINGLE PHASE PARTS		
320		Electric Motor 1 Phase
321	7120279	Patch Cord 1 Phase
322	7120262	Electric Cord 1 Phase
323		Switch Heater 1 Phase
324	7120202	Electric Switch 1 Phase

Parts Identification

Hydraulic Schematic



Electrical Schematics

STANDARD USA MODELS

COATS MOTOR P/N	PHASE	VOLTAGE A/C	CPS	HEATER COATS P/N	SQUARE-D	QTY	COATS CODE	SEE NOTE 3
120204	1	208-230	60	8184475	B22.0	1	091	45 AMP
120205	3	208-230	60	8184476	B11.5	3	093	25 AMP
120205	3	440	60	8184477	B6.25	3	094	15 AMP

NOTE 1 - MOTOR MAYBE SINGLE OR DUAL VOLTAGE

INTERNATIONAL MODELS

COATS MOTOR P/N	PHASE	VOLTAGE A/C	CPS	HEATER COATS P/N	SQUARE-D	QTY	COATS CODE	SEE NOTE 3
120467	3	575	60	8184478	B4.15	3	093H	10 AMP
120205	3	190	50	8184479	B14.0	3	093D	30 AMP
120205	3	200	50	8184476	B11.5	3	093E	25 AMP
120205	3	380	50	8184480	B6.90	3	093F	15 AMP
120205	3	400-415	50	8184477	B6.25	3	093G	15 AMP
120551	3	220	50	8184476	B11.5	3	093J	25 AMP
120551	3	440	50	8184477	B6.25	3	093K	15 AMP
120552	3	380-440	50	8184480	B6.90	3	093L	15 AMP

NOTE 2 - SPECIAL MOTOR REQUIRES MIN. OF 2 WEEK LEAD TIME

NOTE 3 - SUGGESTED SERVICE LINE SERVICE PROTECTION

