

READ THIS FIRST



Model G0503

IMPORTANT UPDATE

For Machines Mfd. Since 11/06
and Owner's Manual Revised 05/11

For questions or help with this product contact Tech Support at (570) 546-9663 or techsupport@grizzly.com

The following changes were made since the owner's manual was printed:

- Inventory changed.
- Electrical parts changed.
- Instructions for rewiring to 440V changed.
- Machine specifications changed.
- Electrical cabinet wiring and control panel wiring changed.
- Main and hydraulic pump motor wiring changed.
- Hydraulic system connections changed.

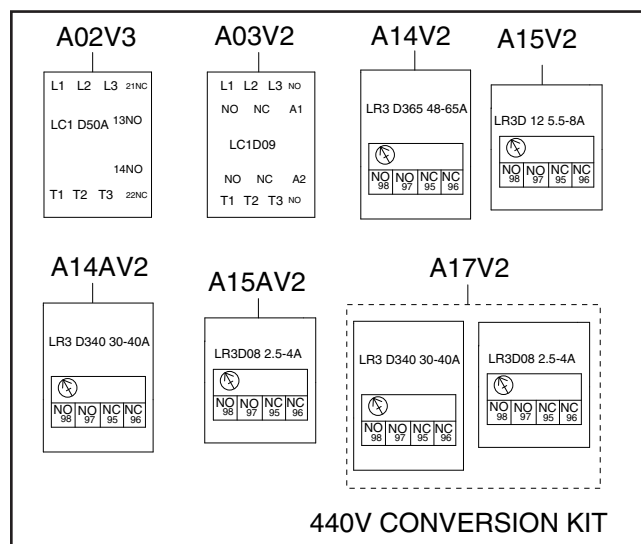
Aside from this information, all other content in the owner's manual applies and **MUST** be read and understood for your own safety. **IMPORTANT: Keep this update with the owner's manual for future reference.**

For questions or help, contact our Tech Support at (570) 546-9663 or techsupport@grizzly.com.

Revised Inventory

Inventory	Qty
• Resaw Bandsaw.....	1
• Bandsaw Blade 168" x 1" x 0.035".....	1
• Dust Hood 4".....	1
• Blade Cover.....	1
• Open-End Wrench 17 x 19mm.....	1
• Open-End Wrench 11 x 13mm.....	1
• Open-End Wrench 8 x 10mm.....	1
• Hex Wrench Set 2.5, 3, 4, 5, 6, 8, 10mm... 1	
• Open End Wrench 35mm.....	1
• T-Handle Wrench 19mm	1
• Phillips Head Screwdriver.....	1
• Flat Head Screwdriver.....	1
• Hardware Bag	
—Carriage Bolts M10-1.5 x 30	6
—Flat Washers 10mm.....	6
—Hex Nuts M10-1.5	6
—Carriage Bolts M6-1.0 x 16	2
—Flat Washers 6mm	2
—Lock Nuts M6-1	2

Revised Electrical Parts



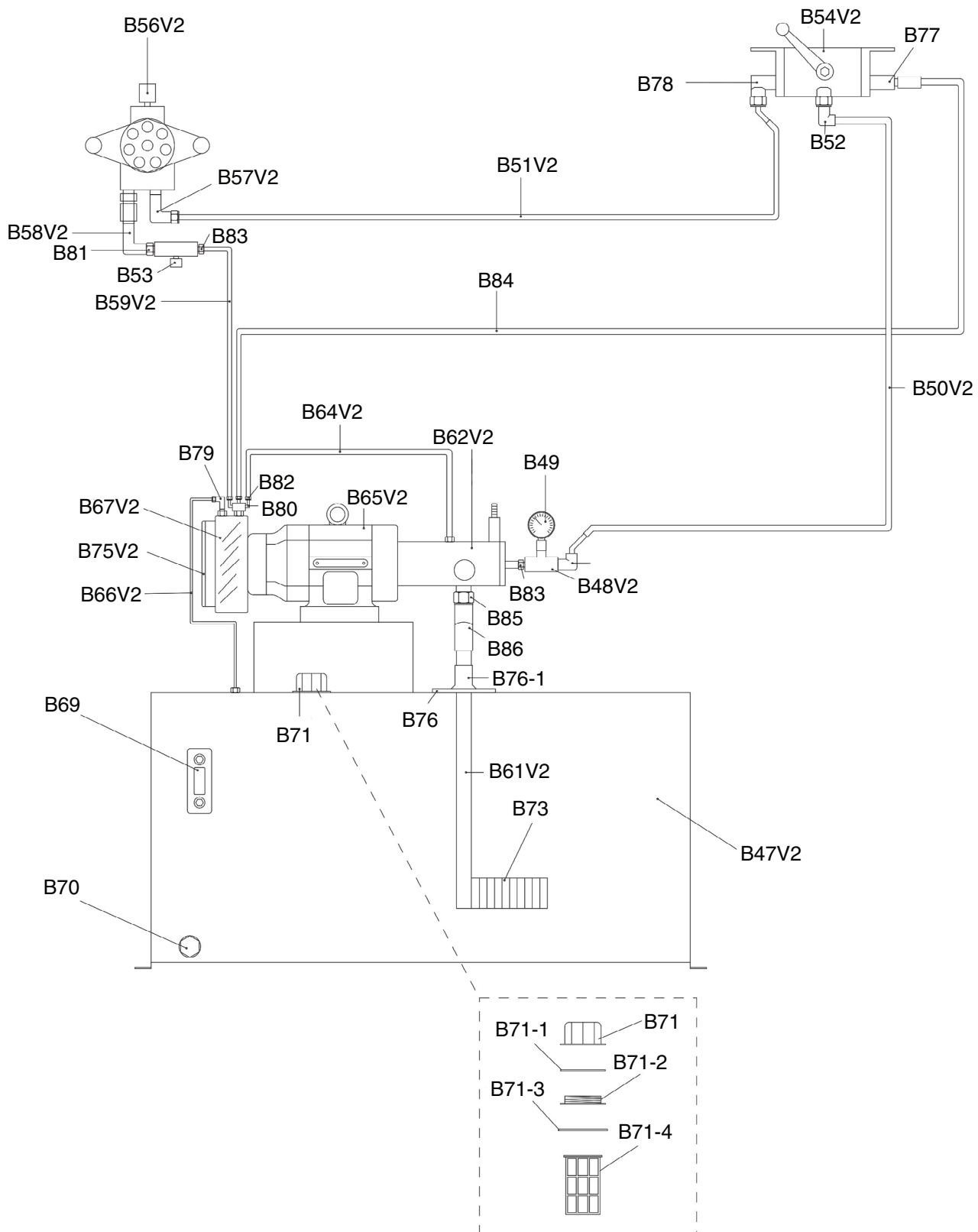
REF	PART #	DESCRIPTION
A02V3	P0503A02V3	CONTACTOR SCHN LC1D50A 220V V3.08.14
A03V2	P0503A03V2	CONTACTOR SCHN LC1D09 220V V2.08.14
A14V2	P0503A14V2	OL RELAY SCHN LR3D365 48-65A V2.08.14
A14AV2	P0503A14AV2	OL RELAY SCHN LR3D340 30-40A V2.08.14
A15V2	P0503A15V2	OL RELAY SCHN LR3D12 5.5-8A V2.08.14
A15AV2	P0503A15AV2	OL RELAY SCHN LR3D08 2.5-4A V2.08.14
A17V2	P0503A17V2	440V CONVERSION KIT V2.08.14

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Hydraulic System Parts (Since 05/16)

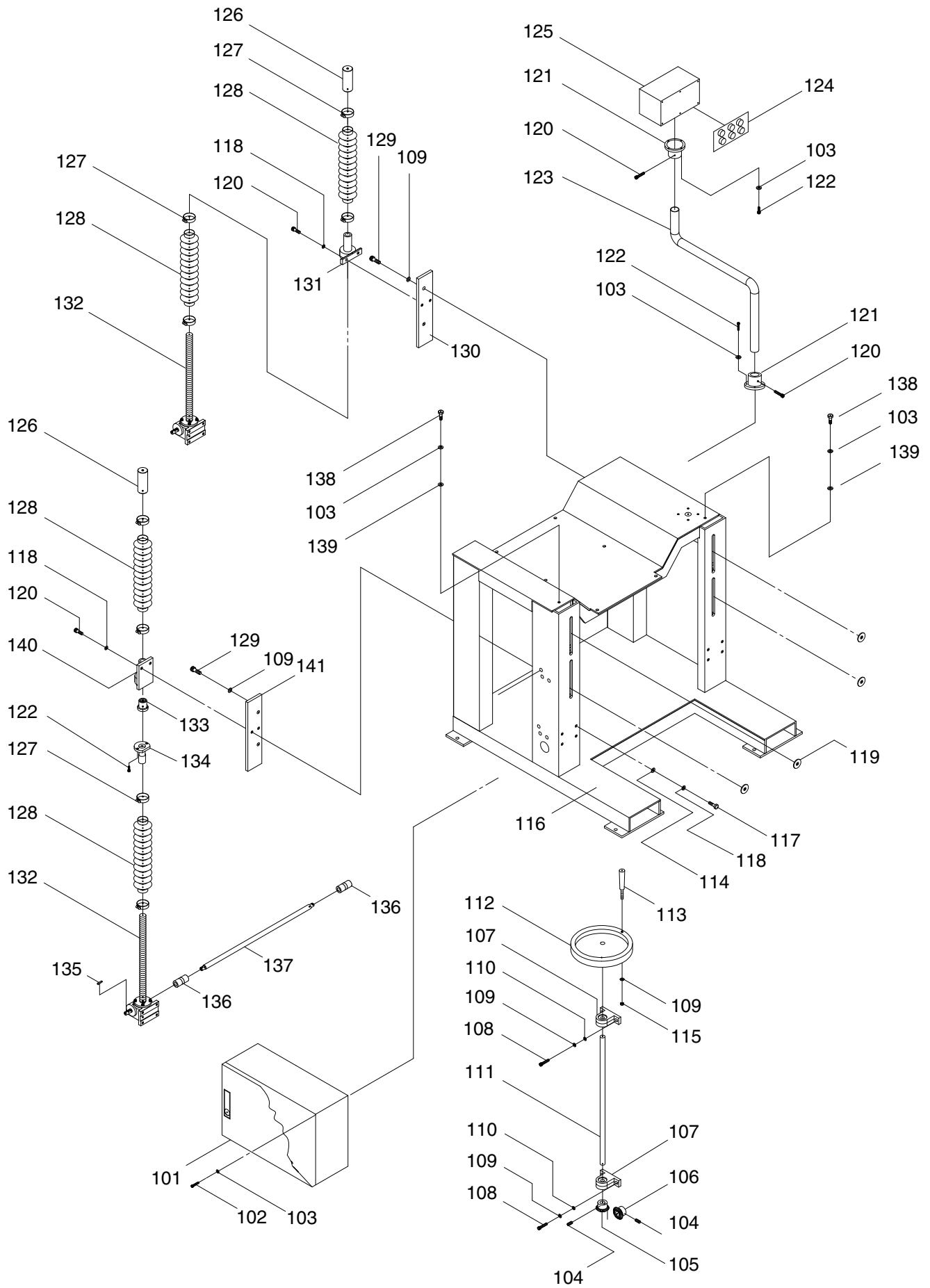


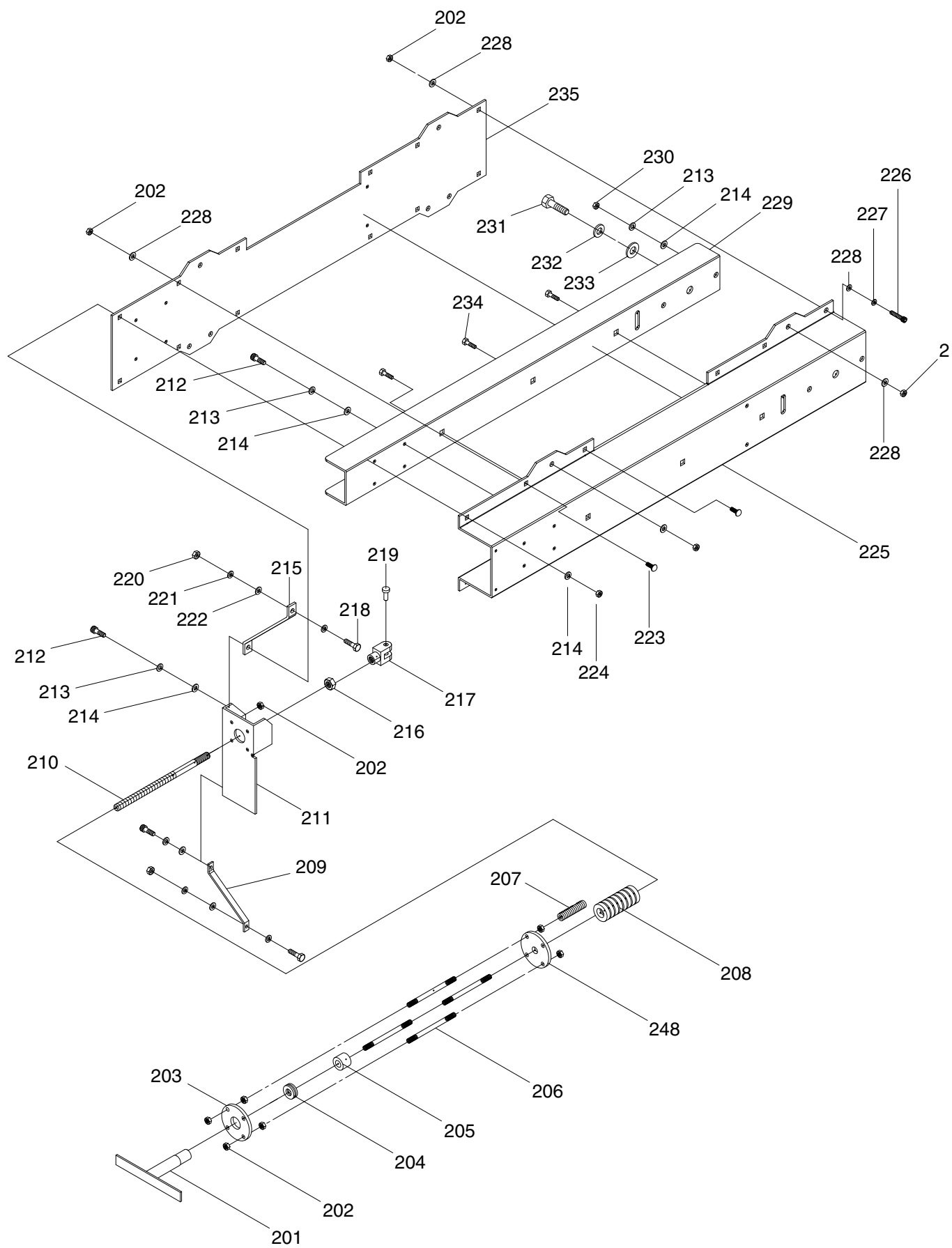
Hydraulic System Parts (Since 05/16)

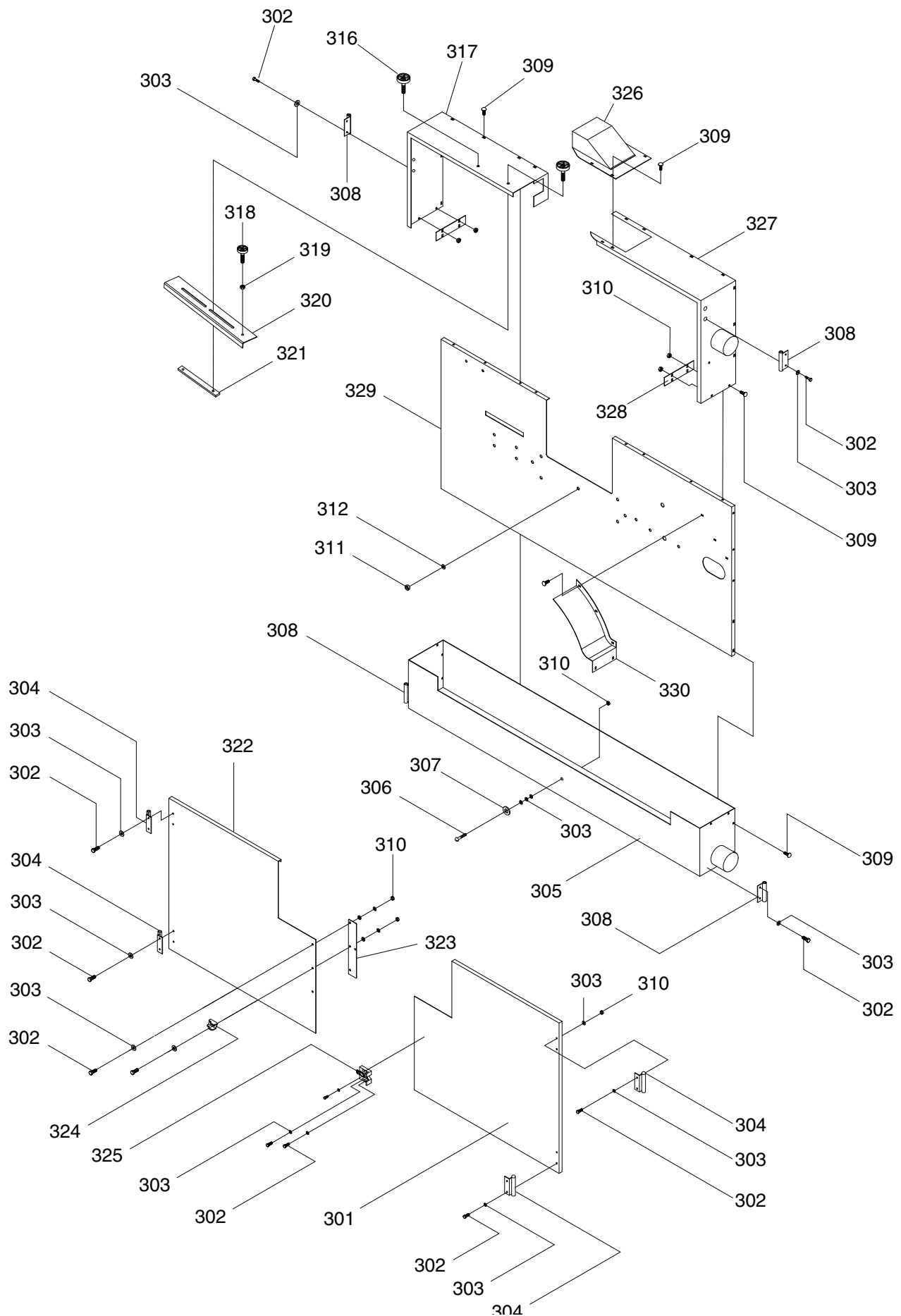
REF	PART #	DESCRIPTION
B47V2	P0503B47V2	HYDRAULIC TANK V2.11.06
B48V2	P0503B48V2	T-CONNECTOR 3/8 V2.11.06
B49	P0503B49	HYDRAULIC PRESSURE GAUGE 2000PSI
B50V2	P0503B50V2	HYDRAULIC HOSE 3/8 X 102 V2.05.16
B51V2	P0503B51V2	HYDRAULIC HOSE 3/8 X 91, 45DEG V2.05.16
B52	P0503B52	MALE ELBOW 3/8 X 3/8 90DEG
B53	P0503B53	VARIABLE SPEED ADJUSTOR
B54V2	P0503B54V2	HYDRAULIC VALVE 3/8" V2.08.13
B56V2	P0503B56V2	CONVEYOR HYDRAULIC MOTOR VMP-125 V2.05.16
B57V2	P0503B57V2	MALE ELBOW 1/2T X 3/8H X 90DEG V2.05.16
B58V2	P0503B58V2	MALE ELBOW 1/2T X 3/8H X 90DEG V2.05.16
B59V2	P0503B59V2	HYDRAULIC HOSE 3/8 X 30 V2.11.06
B61V2	P0503B61V2	HYDRAULIC HOSE 1/2 X 12 V2.11.06
B62V2	P0503B62V2	HYDRAULIC PUMP VP-12/70 V2.11.06
B64V2	P0503B64V2	HYDRAULIC HOSE 3/8 X 13 V2.11.06
B65V2	P0503B65V2	MOTOR 2HP 220V/440V 3-PH V2.11.06
B66V2	P0503B66V2	HOSE 1/2 X 10 BRASS V2.11.06
B67V2	P0503B67V2	OIL COOLER V2.11.06
B69	P0503B69	OIL LEVEL GAUGE
B70	P0503B70	PLUG

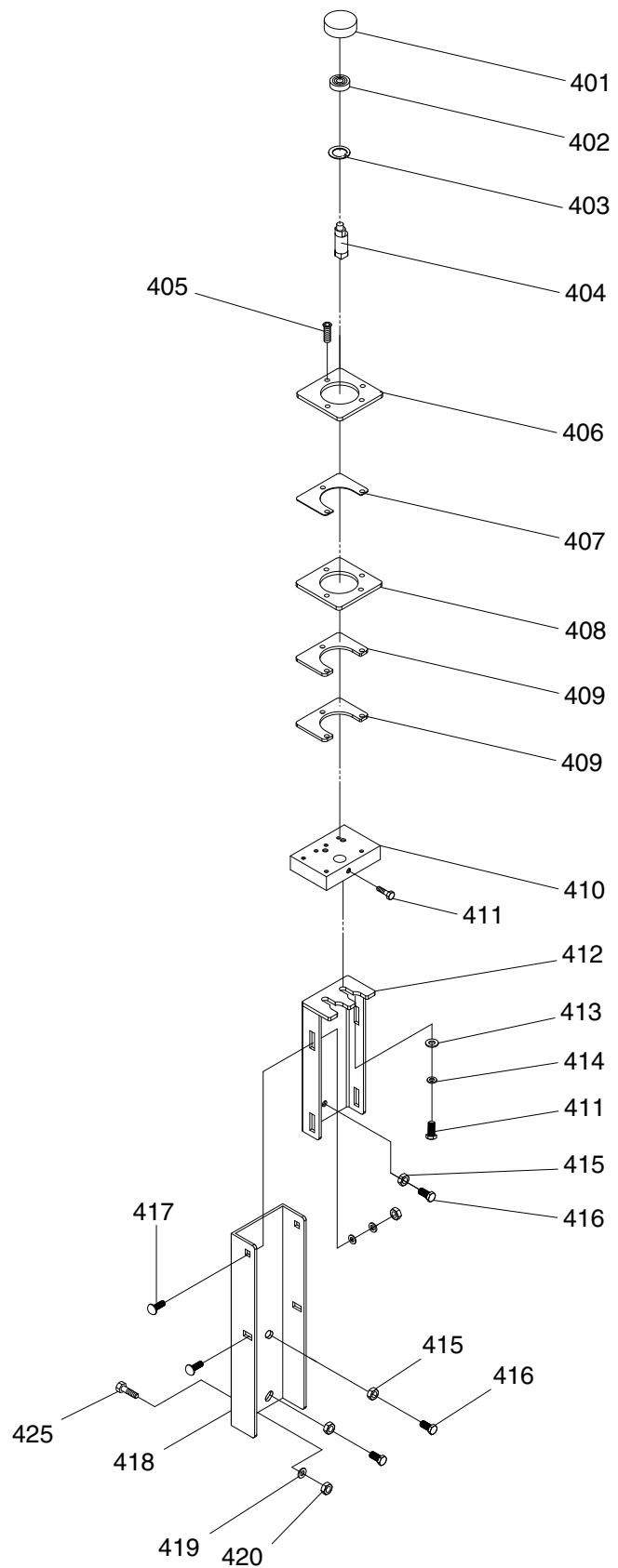
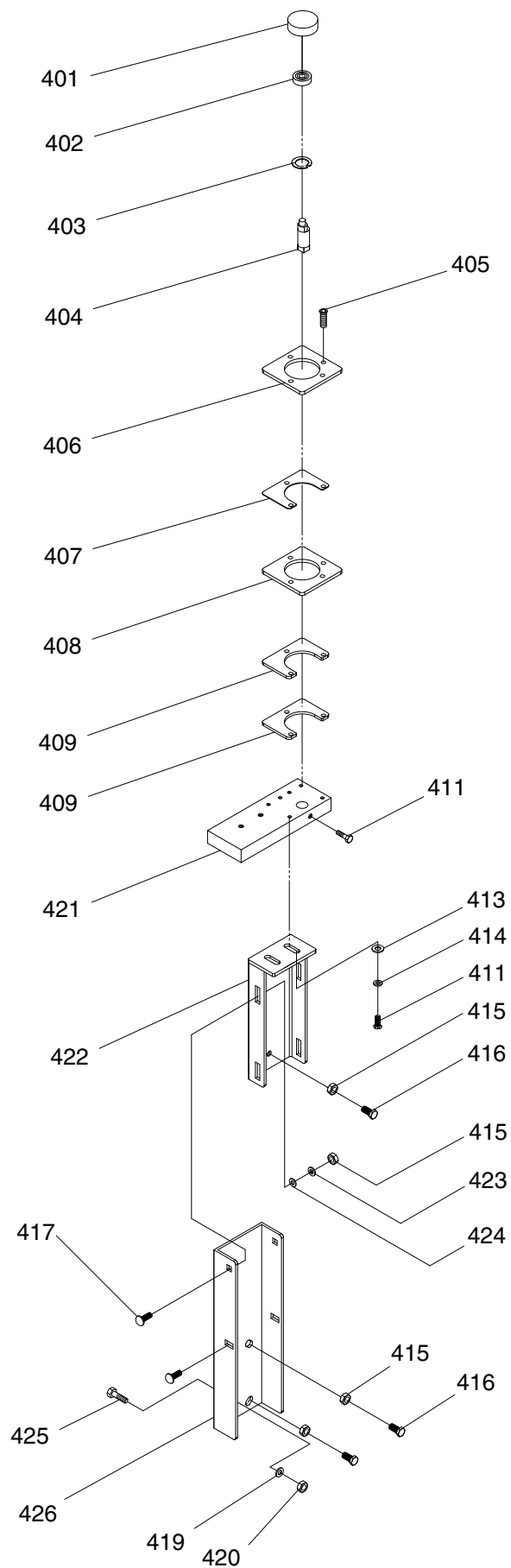
REF	PART #	DESCRIPTION
B71	P0503B71	FILLER CAP
B71-1	P0503B71-1	FILLER CAP GASKET
B71-2	P0503B71-2	FILLER CAP THREAD PIECE
B71-3	P0503B71-3	THREAD PIECE GASKET
B71-4	P0503B71-4	FILLER SCREEN
B73	P0503B73	TANK SCREEN
B75V2	P0503B75V2	OIL COOLER FAN V2.11.06
B76	P0503B76	HYDRAULIC TANK ACCESS PLATE
B76-1	P0503B76-1	ACCESS PLATE GASKET
B77	P0503B77	BRACKET 3/8T X 3/8T
B78	P0503B78	BRACKET 3/8T X 3/8H X 90DEG
B79	P0503B79	MALE ELBOW 1/2T X 1/2H X 90DEG
B80	P0503B80	MALE ELBOW 1/2T X 3/8H X 90DEG
B81	P0503B81	CONNECTOR 3/8T X 3/8HF-A
B82	P0503B82	T-CONNECTOR 3/8H X 3/8HFA
B83	P0503B83	CONNECTOR 3/8T
B84	P0503B84	HYDRAULIC HOSE 3/8 X 91
B85	P0503B85	CONNECTOR 1/2T X 3/4H
B86	P0503B86	CONNECTOR 3/4HF X 1/2TF X 90 DEG

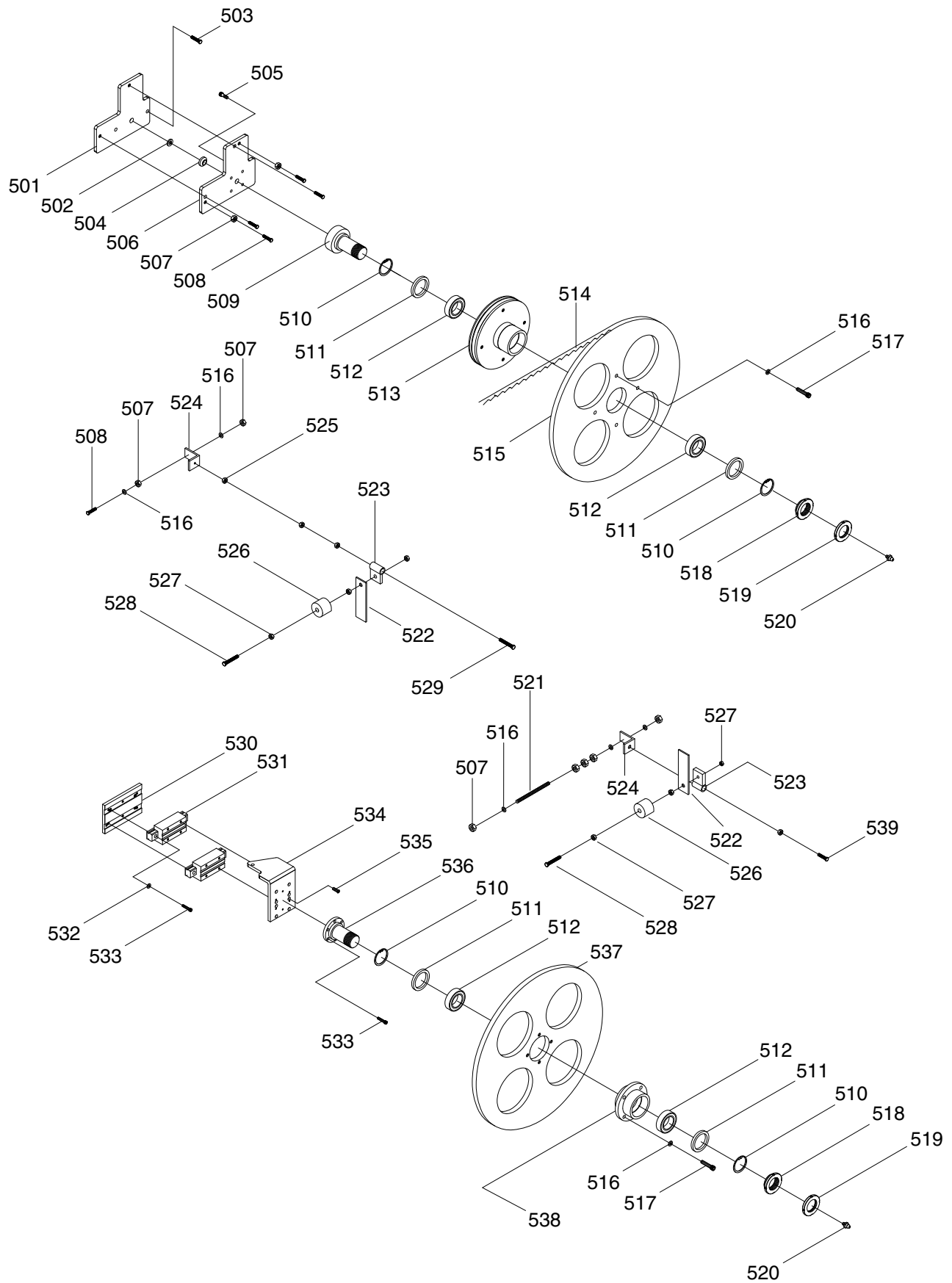




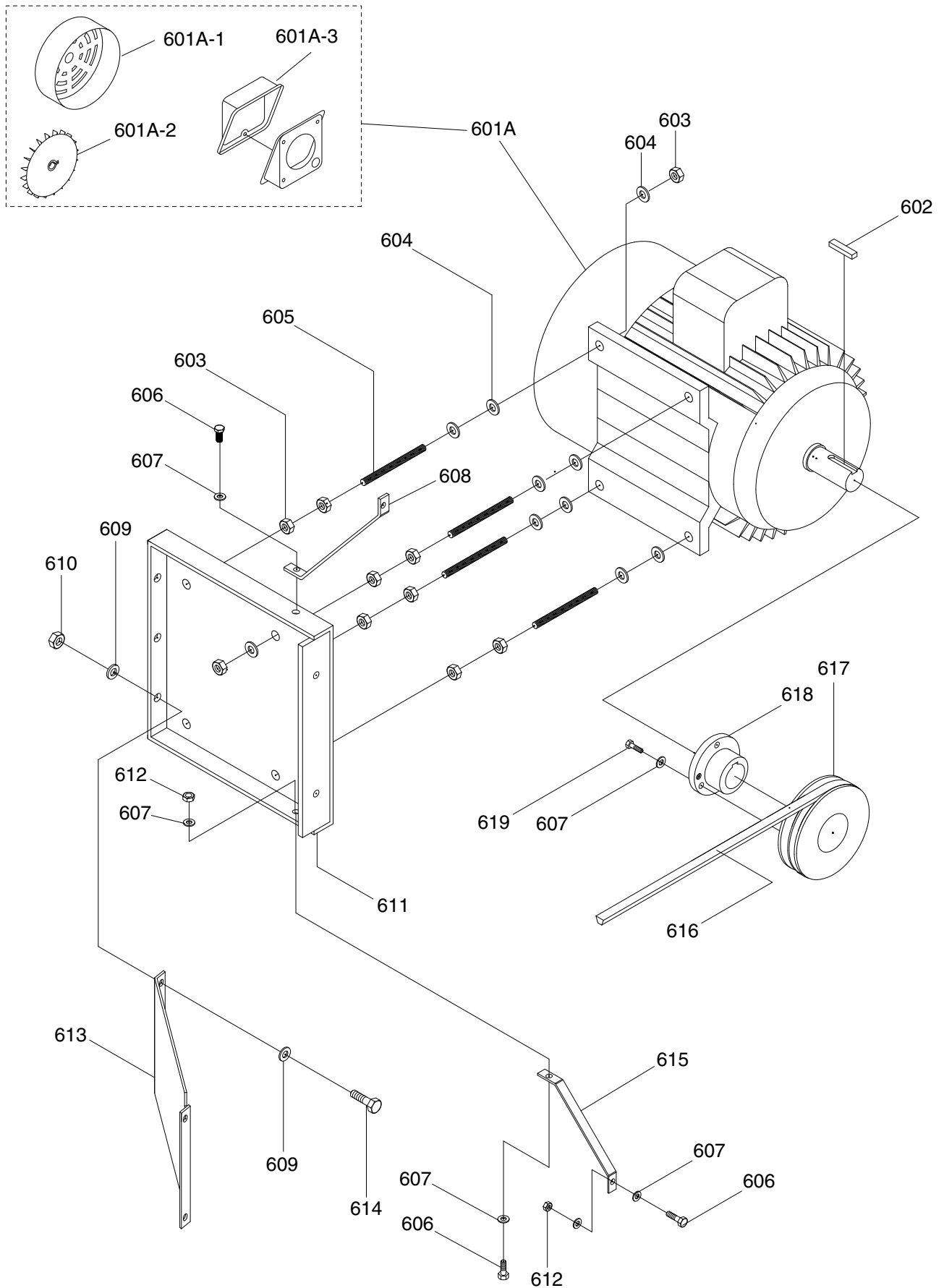


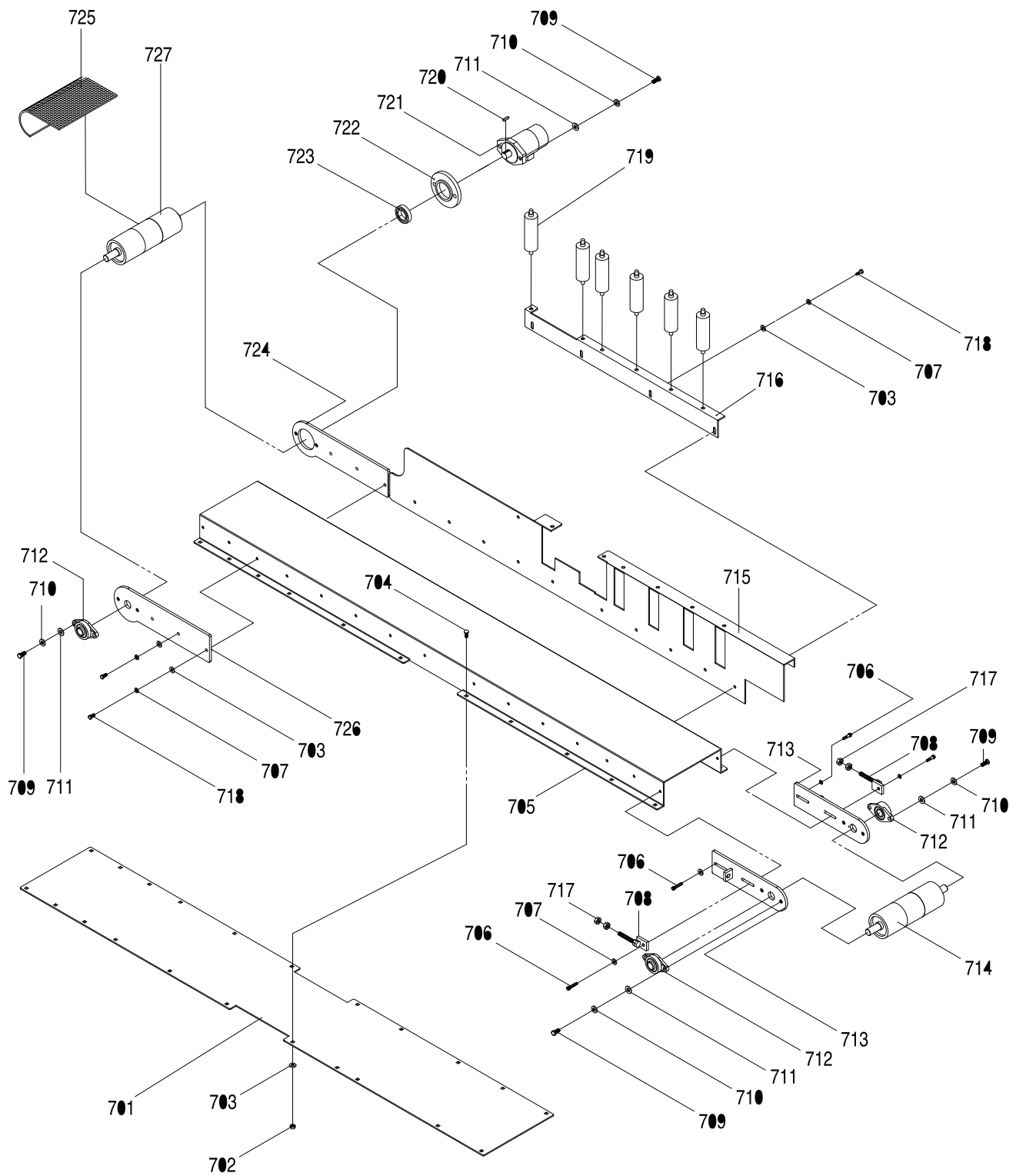


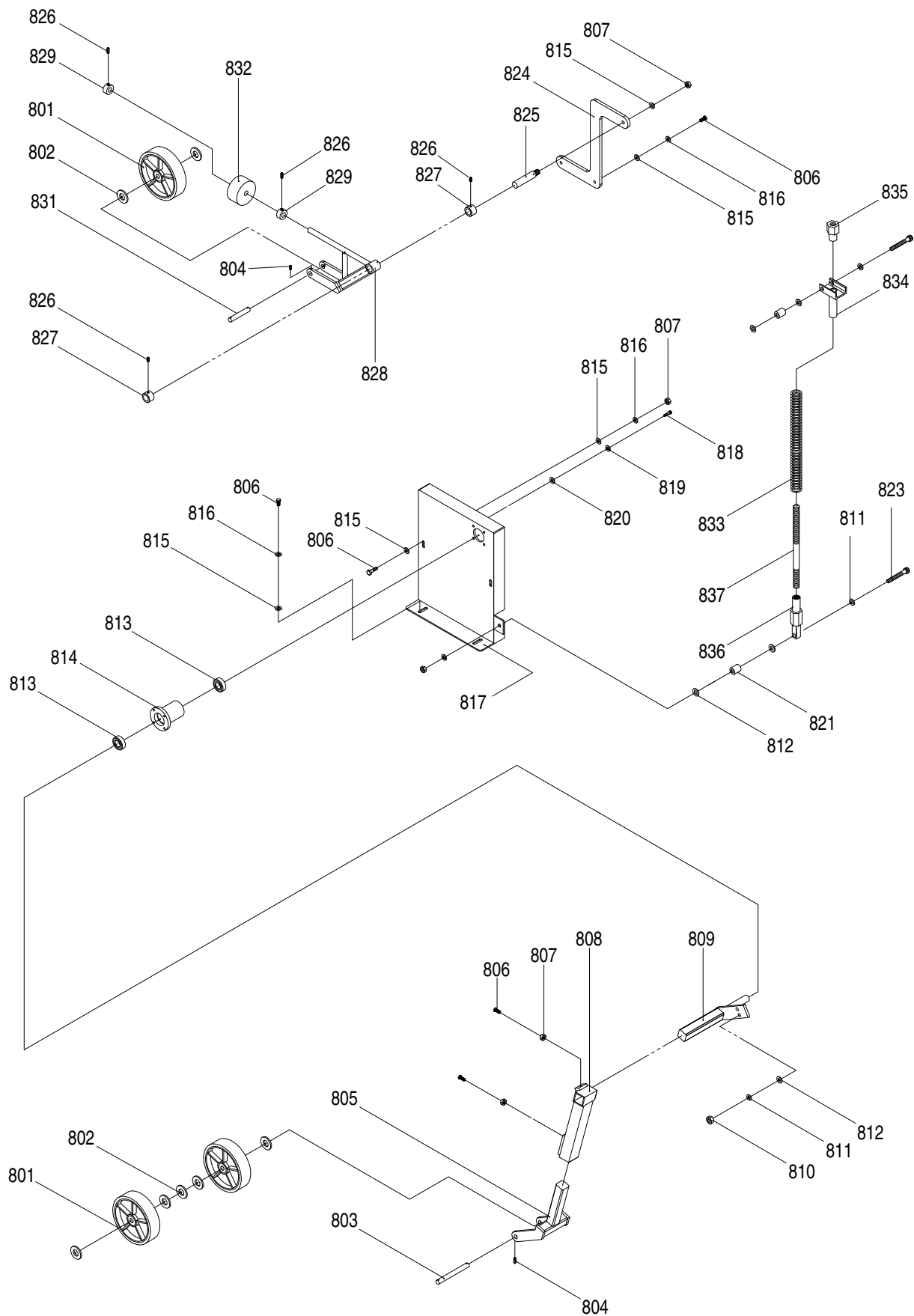


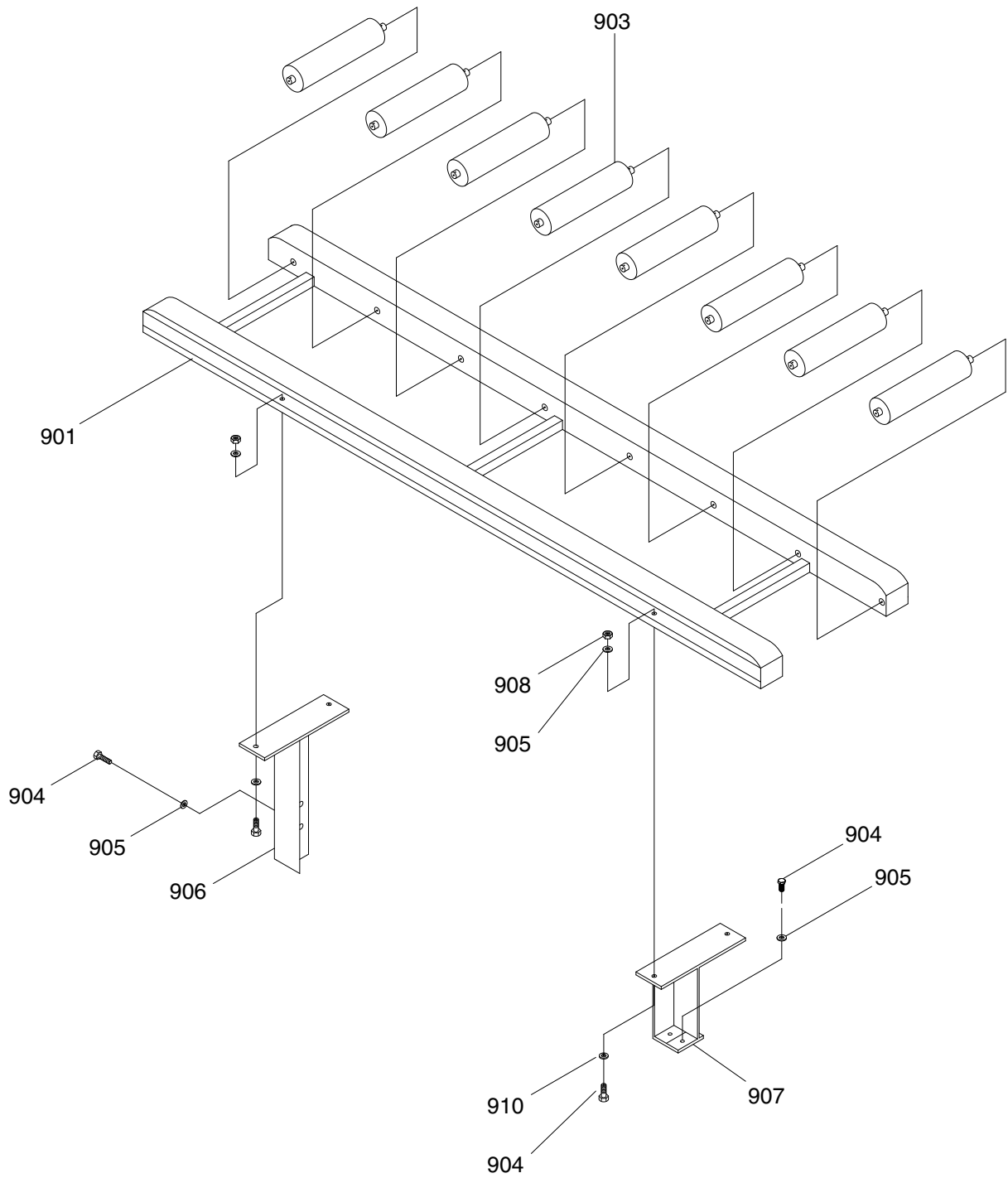


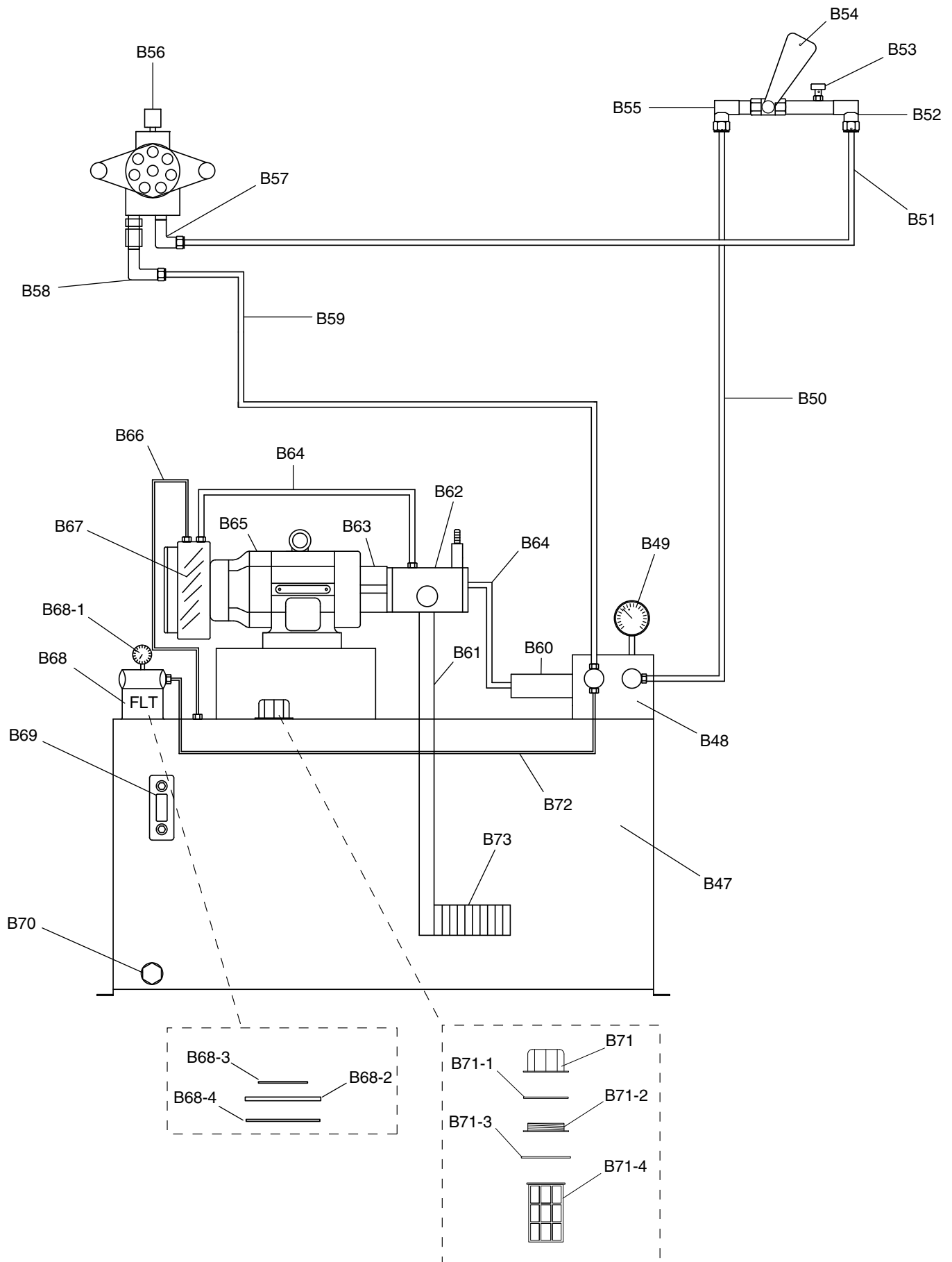
Motor Components

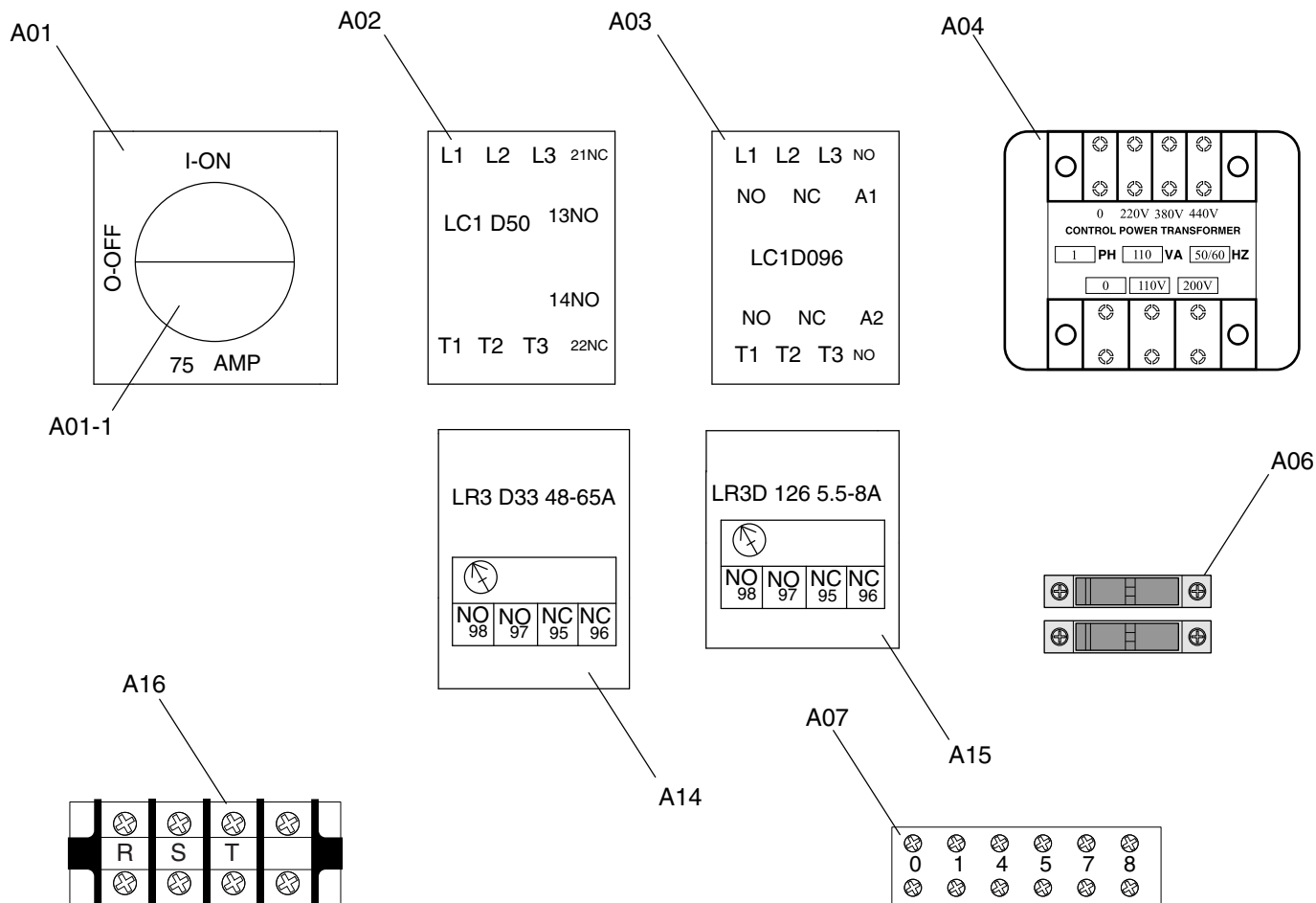


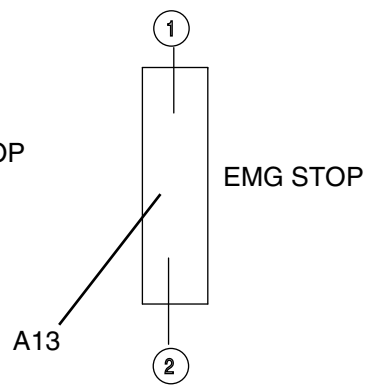
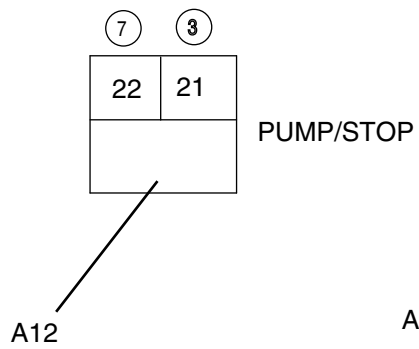
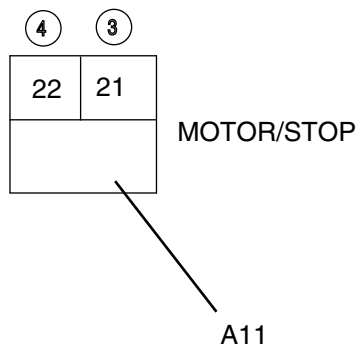
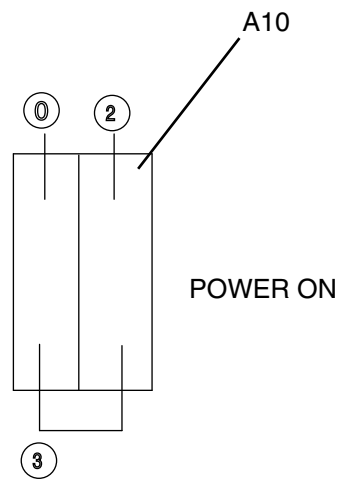
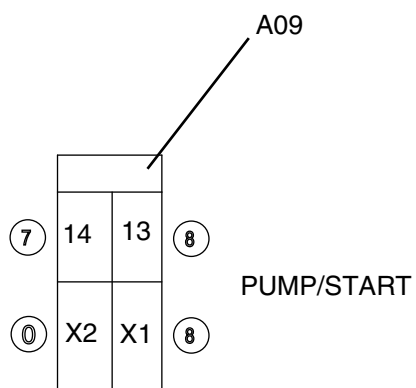
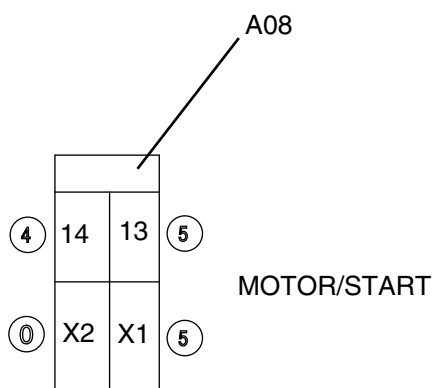












REF	PART #	DESCRIPTION	REF	PART #	DESCRIPTION
101	P0503101	ELECTRIC BOX	141	P0503141	PLATE
102	PSB11M	CAP SCREW M8-1.25 X 16	201	P0503201	TENSION HANDLE M10-1.5
103	PLW04M	LOCK WASHER 8MM	202	PN02M	HEX NUT M10-1.5
104	PSS16M	SET SCREW M8-1.25 X 10	203	P0503203	PLATE A
105	P0503105	GEAR WHEEL M2.5 X 25T	204	P0503204	BEARING 51204
106	P0503106	GEAR WHEEL M2.5 X 25T	205	P0503205	LOCK COLLAR
107	P1066079	BEARING UCP-204	206	P0503206	STUD M10-1.5 X 200
108	PSB36M	CAP SCREW M12-1.75 X 25	207	P0503207	PLASTIC SLEEVE
109	PLW05M	LOCK WASHER 12MM	208	P0503208	COMPRESSION SPR TB-60-090
110	PW06M	FLAT WASHER 12MM	209	P0503209	FRAME SUPPORT SHAFT(A)
111	P0503111	CONNECT ROD	210	P0503210	SAW BLADE TENSION ROD
112	P0503112	HANDWHEEL	211	P0503211	PRESSURE BAR BRACKET
113	P0503113	HANDLE M12-1.75 X 20	212	PSB77M	CAP SCREW M12-1.75 X 30
114	PW06M	FLAT WASHER 12MM	213	PLW05M	LOCK WASHER 12MM
115	PN02M	HEX NUT M10-1.5	214	PW06M	FLAT WASHER 12MM
116	P0503116	FRAME	215	P0503215	FRAME SUPPORT SHAFT(B)
117	PB01M	HEX BOLT M10-1.5 X 30	216	P0503216	PRESSURE BAR NUT
118	PLW06M	LOCK WASHER 10MM	217	P0503217	ROD END CLEVIS
119	P0503119	PLASTIC WASHER 12MM	218	PB07M	HEX BOLT M8-1.25 X 25
120	PSB64M	CAP SCREW M10-1.5 X 25	219	P0503219	CLEVIS PIN 15 X 50MM
121	P0503121	CONTROL PANEL BRACKET	220	PN03M	HEX NUT M8-1.25
122	PSB31M	CAP SCREW M8-1.25 X 25	221	PLW04M	LOCK WASHER 8MM
123	P0503123	CONTROL PANEL SUPPORT	222	PW01M	FLAT WASHER 8MM
124	P0503124	CONTROL PANEL	223	PCB24M	CARRIAGE BOLT M10-1.5 X 30
125	P0503125	CONTROL BOX	224	PN09M	HEX NUT M12-1.75
126	P0503126	SLIP SLEEVE SET ROD	225	P0503225	BEAM
127	P0503127	CLAMP	226	PSB72M	CAP SCREW M10-1.5 X 30
128	P0503128	DUST GUARD BELLOW	227	PLW06M	LOCK WASHER 10MM
129	PSB92M	CAP SCREW M12-1.75 X 40	228	PW04M	FLAT WASHER 10MM
130	P0503130	PLATE	229	P0503229	BEAM SUPPORT BAR
131	P0503131	SCREW BASE	230	PN09M	HEX NUT M12-1.75
132	P0503132	WORM GEAR	231	PB63	HEX BOLT 3/4-10 X 3
133	P0503133	ADJUSTING NUT	232	PLW10	LOCK WASHER 3/4
134	P0503134	FIXED SCREW BASE	233	PW13	FLAT WASHER 3/4
135	PK33M	KEY 5 X 5 X 45	234	PCB21M	CARRIAGE BLT M12-1.75 X 40
136	P0503136	SHAFT COUPLING	235	P0503235	BEAM PLATE
137	P0503137	CONNECTOR ROD	248	P0503248	PLATE B
138	PB09M	HEX BOLT M8-1.25 X 20	301	P0503301	RIGHT DOOR
139	PW01M	FLAT WASHER 8MM	302	PB08M	HEX BOLT M6-1 X 20
140	P0503140	BRACKET	303	PW03M	FLAT WASHER 6MM

REF	PART #	DESCRIPTION	REF	PART #	DESCRIPTION
304	P0503304	LOWER HINGE	417	PCB24M	CARRIAGE BOLT M10-1.5 X 30
305	P0503305	BOTTOM COVER	418	P0503418	BLADE GUIDE RIGHT ADJ
306	PFH02M	FLAT HD SCR M6-1 X 12	419	PW06M	FLAT WASHER 12MM
307	P0503307	MAGNET	420	PN09M	HEX NUT M12-1.75
308	P0503308	UPPER HINGE	421	P0503421	BLADE GUARD LEFT SUPPORT
309	PCB22M	CARRIAGE BOLT M6-1 X 16	422	P0503422	BLADE GUIDE LEFT BRACKET
310	PN01M	HEX NUT M6-1	423	PW04M	FLAT WASHER 10MM
311	PN09M	HEX NUT M12-1.75	424	PLW06M	LOCK WASHER 10MM
312	PW06M	FLAT WASHER 12MM	425	PCB21M	CARRIAGE BLT M12-1.75 X 40
316	P0503316	STAR KNOB M10-1.5 X 25	426	P0503426	BLADE GUIDE LEFT ADJUSTER
317	P0503317	LEFT UPPER COVER	501	P0503501	WHEEL ADJ LOWER PLATE
318	P0503318	STAR KNOB M8-1.25 X 20	502	PW13	FLAT WASHER 3/4
319	PN03M	HEX NUT M8-1.25	503	PB27M	HEX BOLT M12-1.75 X 30
320	P0503320	SAFETY PLATE	504	P0503504	WHEEL ADJUSTMENT PIECE
321	P0503321	SAFETY PLATE SUPPORT	505	PSB72M	CAP SCREW M10-1.5 X 30
322	P0503322	LEFT DOOR	506	P0503506	WHEEL ADJ UPPER PLATE
323	P0503323	DOOR LOWER GUARD	507	PN09M	HEX NUT M12-1.75
324	P0503324	LATCH SET	508	PB33M	HEX BOLT M12-1.75 X 50
325	P0503325	LATCH	509	P0503509	RIGHT WHEEL SHAFT
326	P0503326	SAFETY COVER	510	P0503510	INT RETAINING RING 90MM
327	P0503327	RIGHT UPPER COVER	511	P0503511	SEAL 70 X 90 X 8
328	P0503328	CONNECTOR PLATE	512	P32011	BEARING 32011
329	P0503329	BOTTOM PLATE	513	P0503513	DRIVE PULLEY
330	P0503330	DUST GUIDE PLATE	514	P0503514	SAW BLADE
401	P0503401	SUPPORT ROLLER	515	P0503515	DRIVE WHEEL
402	P6200	BALL BEARING 6200	516	PLW05M	LOCK WASHER 12MM
403	PR35M	INT RETAINING RING 30MM	517	PSB92M	CAP SCREW M12-1.75 X 40
404	P0503404	ECCENTRIC SHAFT	518	P0503518	WHEEL SHAFT NUT
405	PFH12M	FLAT HD SCR M6-1 X 25	519	P0503519	BEARING NUT
406	P0503406	BLADE GUARD UPPER PLATE	520	P0503520	GREASE FITTING
407	P0503407	SPACER	521	P0503521	STUD M12-1.75 X 200
408	P0503408	BLADE GUARD LOWER PLATE	522	P0503522	SCRAPER
409	P0503409	LOWER SPACER	523	P0503523	SCRAPER BRACKET A
410	P0503410	BLADE GUIDE RIGHT SUPPORT	524	P0503524	SCRAPER BRACKET B
411	PB07M	HEX BOLT M8-1.25 X 25	525	PN02M	HEX NUT M10-1.5
412	P0503412	BLADE GUIDE RIGHT BRACKET	526	P0503526	SCRAPER SUPPORT
413	PW01M	FLAT WASHER 8MM	527	PN03M	HEX NUT M8-1.25
414	PLW04M	LOCK WASHER 8MM	528	PB82M	HEX BOLT M8-1.25 X 80
415	PN02M	HEX NUT M10-1.5	529	PB13M	HEX BOLT M10-1.5 X 80
416	PB32M	HEX BOLT M10-1.5 X 25	530	P0503530	LINER GUIDE

REF	PART #	DESCRIPTION	REF	PART #	DESCRIPTION
531	P0503531	LINER WAY	710	PLW05M	LOCK WASHER 12MM
532	PLW04M	LOCK WASHER 8MM	711	PW06M	FLAT WASHER 12MM
533	PSB31M	CAP SCREW M8-1.25 X 25	712	P1066079	FLANGE BEARING UCFL205
534	P0503534	BLADE TENSION PLATE	713	P0503713	ROLLER BRACKET
535	PSB14M	CAP SCREW M8-1.25 X 20	714	P0503714	FRONT ROLLER
536	P0503536	LEFT WHEEL SHAFT	715	P0503715	ROLLER SIDE PLATE
537	P0503537	LEFT SAW WHEEL	716	P0503716	ROLLER SEAT
538	P0503538	WHEEL BEARING CAP	717	PN09M	HEX NUT M12-1.75
539	PB34M	HEX BOLT M10-1.5 X 60	718	PB32M	HEX BOLT M10-1.5 X 25
601A	P0503601A	MOTOR SIEMENS 20HP V2.11.07	719	P0503719	ROLLER
601A-1	P0503601A-1	FAN COVER V2.11.07	720	P0503720	KEY 6 X 5 X 32
601A-2	P0503601A-2	FAN V2.11.07	721	P0503721	HYDRAULIC DRIVE
601A-3	P0503601A-3	MOTOR WIRING BOX V2.11.07	722	P0503722	HYD DRIVE FLANGE 6 X 5 X 32
602	P0503602	KEY 9 X 14 X 80	723	P6008	BALL BEARING 6008
603	PN09M	HEX NUT M12-1.75	724	P0503724	ROLLER BRACKET
604	PW06M	FLAT WASHER 12MM	725	P0503725	CONVEYOR
605	P0503605	STUD M12-1.75 X 110	726	P0503726	ROLLER BRACKET
606	PB09M	HEX BOLT M8-1.25 X 20	727	P0503727	REAR ROLLER
607	PW01M	FLAT WASHER 8MM	801	P0503801	PRESSURE ROLLER WHEEL
608	P0503608	MOTOR BRACKET SUPPORT A	802	P0503802	FLAT WASHER 18MM
609	PLW06M	LOCK WASHER 10MM	803	P0503803	ROLLER SHAFT
610	PN02M	HEX NUT M10-1.5	804	PSS26M	SET SCREW M5-.8 X 6
611	P0503611	MOTOR BASE	805	P0503805	FRONT ROLLER BRACKET
612	PN03M	HEX NUT M8-1.25	806	PB32M	HEX BOLT M10-1.5 X 25
613	P0503613	MOTOR BASE SUPPORT	807	PN02M	HEX NUT M10-1.5
614	PB32M	HEX BOLT M10-1.5 X 25	808	P0503808	FRONT ROLLER ADJUSTER
615	P0503615	MOTOR BRACKET SUPPORT B	809	P0503809	FRONT ROLLER SHAFT
616	PVB51	V-BELT B-51 5L510	810	PN09M	HEX NUT M12-1.75
617	P0503617	MOTOR PULLEY	811	PLW05M	LOCK WASHER 12MM
618	P0503618	LOCKING SLEEVE	812	PW06M	FLAT WASHER 12MM
619	PB07M	HEX BOLT M8-1.25 X 25	813	P6205	BALL BEARING 6205
701	P0503701	CONVEYOR LOWER PLATE	814	P0503814	BEARING BRACKET
702	PN02M	HEX NUT M10-1.5	815	PW04M	FLAT WASHER 10MM
703	PW04M	FLAT WASHER 10MM	816	PLW06M	LOCK WASHER 10MM
704	PCB24M	CARRIAGE BOLT M10-1.5 X 30	817	P0503817	FRONT ROLLER SUPPORT
705	P0503705	CONVEYOR PLATEN	818	PSB14M	CAP SCREW M8-1.25 X 20
706	PSB64M	CAP SCREW M10-1.5 X 25	819	PLW04M	LOCK WASHER 8MM
707	PLW06M	LOCK WASHER 10MM	820	PW01M	FLAT WASHER 8MM
708	P0503708	ADJUSTABLE SCREW	821	P0503821	SPACER
709	PB102M	HEX BOLT M12-1.75 X 25	823	PSB120M	CAP SCREW M12-1.75 X 120

REF	PART #	DESCRIPTION	REF	PART #	DESCRIPTION
824	P0503824	REAR ROLLER ARM BRACKET	B47	P0503B47	HYDRAULIC TANK
825	P0503825	REAR ROLLER ARM SHAFT	B48	P0503B48	OIL DIVERTER
826	PSS16M	SET SCREW M8-1.25 X 10	B49	P0503B49	HYDRAULIC PRESSURE GAUGE
827	P0503827	LOCK COLLAR A	B50	P0503B50	HYDRAULIC HOSE 3/8 X 67"
828	P0503828	REAR ROLLER BRACKET	B51	P0503B51	HYDRAULIC HOSE 3/8 X 91"
829	P0503829	LOCK COLLAR B	B52	P0503B52	MALE ELBOW 3/8T X 3/8H 90°
831	P0503831	REAR ROLLER SHAFT	B53	P0503B53	VARIABLE SPEED ADJUSTOR
832	P0503832	COUNTERWEIGHT	B54	P0503B54	3/8 HYDRAULIC VALVE
833	P0503833	SPRING	B55	P0503B55	MALE ELBOW 3/8T X 3/8H 90°
834	P0503834	UPPER BRACKET	B56	P0503B56	CONVEYOR HYDRAULIC MOTOR
835	P0503835	UPPER NUT	B57	P0503B57	MALE ELBOW 1/2T X 3/8H 45°
836	P0503836	LOWER ADJUSTABLE NUT	B58	P0503B58	MALE ELBOW 1/2T X 3/8H 45°
837	P0503837	SHOCK SCREW	B59	P0503B59	HYDRAULIC HOSE 3/8 X 60"
901	P0503901	RETURN CONVEYOR FRAME	B60	P0503B60	3/8 STOP VALVE
903	P0503903	ROLLER	B61	P0503B61	HYDRAULIC HOSE 1/2 X 16"
904	PB27M	HEX BOLT M12-1.75 X 30	B62	P0503B62	HYDRAULIC PUMP
905	PW06M	FLAT WASHER 12MM	B63	P0503B63	CONNECTOR
906	P0503906	CONVEYOR SUPPORT BRACKET	B64	P0503B64	HYDRAULIC HOSE 3/8 X 20"
907	P0503907	CONVEYOR SUPPORT BRACKET	B65	P0503B65	MOTOR 2 HP
908	PN09M	HEX NUT M12-1.75	B66	P0503B66	BRASS HOSE 3/8
910	PLW05M	LOCK WASHER 12MM	B67	P0503B67	OIL COOLER
A01	P0503A01	BREAKER #30184 3P 75AMP	B68	P0503B68	OIL FILTER
A01-1	P0503A01-1	POWER ON DIAL SWITCH 30184	B68-1	P0503B68-1	FILTER PRESSURE GAUGE
A02A	P0503A02A	MOTOR MAG CONTACT LC1-D50	B68-2	P0503B68-2	FILTER BASE
A03	P0503A03	PUMP MAG CONTACT LC1-D096	B68-3	P0503B68-3	FILTER O-RING
A04	P0503A04	TRANSFORMER 200VA	B68-4	P0503B68-4	FILTER BASE GASKET
A06	P0503A06	FUSE 5A	B69	P0503B69	OIL LEVEL GAUGE
A07	P0503A07	BUSS BAR	B70	P0503B70	PLUG
A08	P0503A08	MOTOR START BUTTON	B71	P0503B71	FILLER CAP
A09	P0503A09	PUMP START BUTTON	B71-1	P0503B71-1	FILLER CAP GASKET
A10	P0503A10	POWER ON BUTTON	B71-2	P0503B71-2	FILLER CAP THREAD PIECE
A11	P0503A11	MOTOR STOP BUTTON	B71-3	P0503B71-3	THREAD PIECE GASKET
A12	P0503A12	PUMP STOP BUTTON	B71-4	P0503B71-4	FILLER SCREEN
A13	P0503A13	EMERGENCY STOP BUTTON	B72	P0503B72	BRASS HOSE
A14	P0503A14	RELAY 220V LR3 D3359	B73	P0503B73	TANK SCREEN
A14A	P0503A14A	RELAY 440V LR3 D3355	B74	P0503B74	FILTER + O-RING KIT
A15	P0503A15	RELAY 220V LR3 D126	B75	P0503B75	OIL COOLER FAN
A15A	P0503A15A	RELAY 440V LR3 D086	B76	P0503B76	HYD TANK ACCESS PLATE
A16	P0503A16	TERMINAL BLOCK	B76-1	P0503B76-1	ACCESS PLATE GASKET
A17A	P0503A17A	440V CONVERSION KIT			