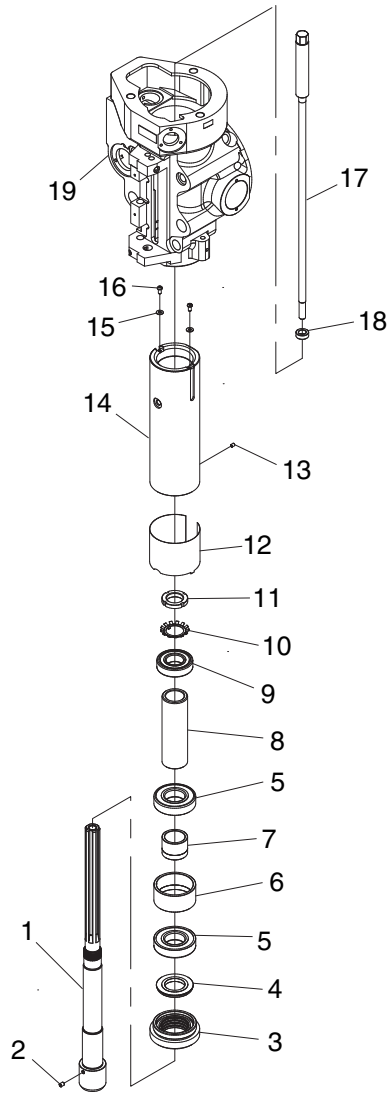


# SECTION 9: PARTS

## Quill Assembly Breakdown & Parts List

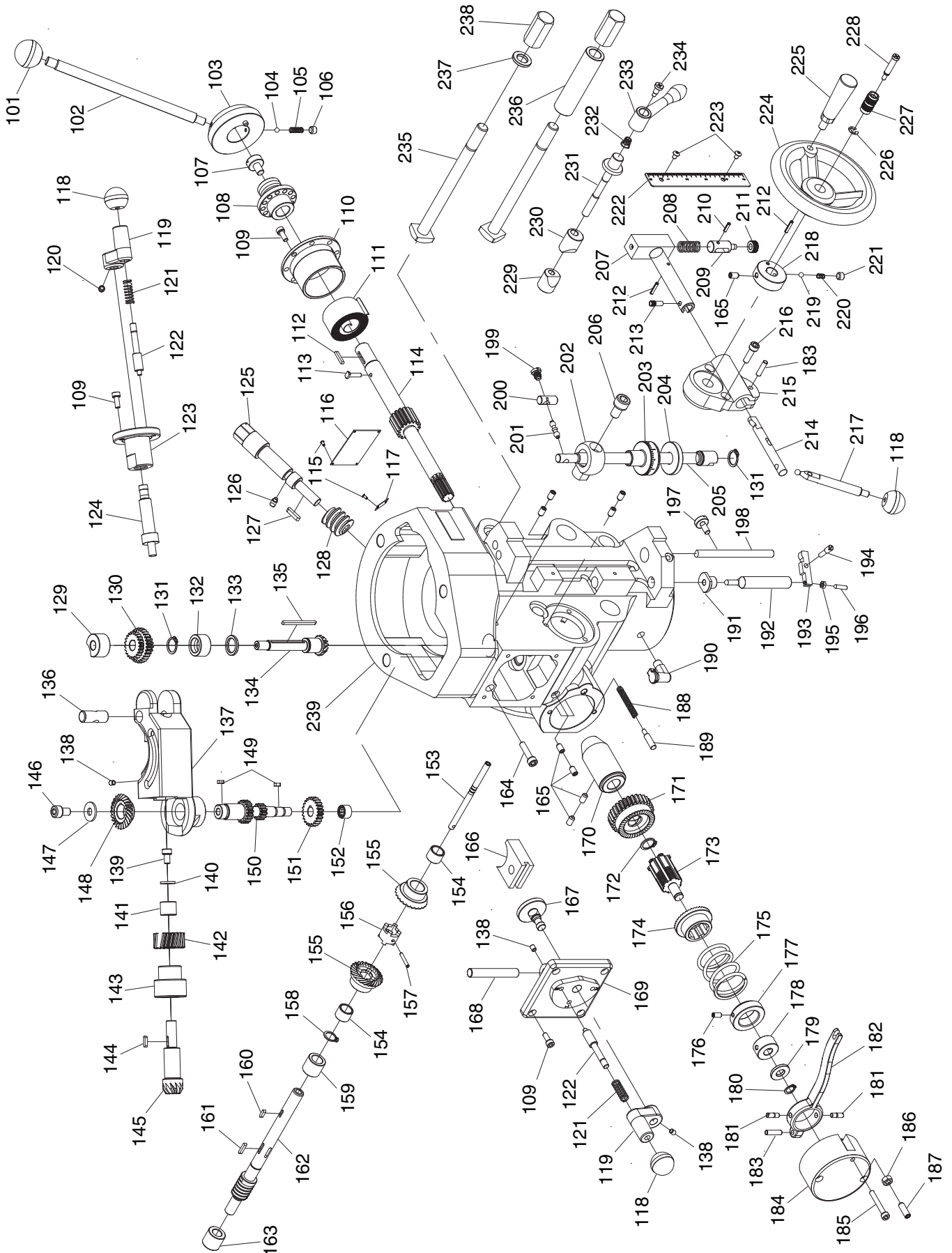


REF	PART #	DESCRIPTION
1	P0667X0001	SPINDLE R8
2	PSS03M	SET SCREW M6-1 X 8
3	P0667X0003	BEARING CAP
4	P0667X0004	SPACER
5	P7202	ANGULAR CONTACT BEARING 7207
6	P0667X0006	BUSHING
7	P0667X0007	BEARING SUPPORT
8	P0667X0008	SPINDLE SLEEVE
9	P6206	BALL BEARING 6206ZZ
10	P0667X0010	SPANNER NUT WASHER

REF	PART #	DESCRIPTION
11	P0667X0011	SPANNER NUT
12	P0667X0012	QUILL COVER
13	PSS26M	SET SCREW M5-.8 X 6
14	P0667X0014	QUILL
15	PW02M	FLAT WASHER 5MM
16	PS09M	PHLP HD SCR M5-.8 X 10
17	P0667X0017	DRAWBAR 1/2-20 X 18-1/2 R8
18	P0667X0018	DRAWBAR SPACER
19	P0667X0019	QUILL HOUSING



# Head Breakdown



# Head Parts List

REF	PART #	DESCRIPTION
101	P0667X0101	KNOB 3/8-16
102	P0667X0102	HANDLE
103	P0667X0103	HANDLE HUB
104	P0667X0104	STEEL BALL 3/16
105	P0667X0105	COMPRESSION SPRING
106	PSS05	SET SCREW 5/16-18 X 1/4
107	P0667X0107	SPECIAL SCREW
108	P0667X0108	PINION SHAFT HUB SLEEVE
109	PSB33M	CAP SCREW M5-.8 X 12
110	P0667X0110	SPRING COVER
111	P0667X0111	COILED SPRING
112	PK155M	KEY 3 X 3 X 18
113	P0667X0113	SPRING PIN
114	P0667X0114	PINION GEAR SHAFT 10/16T
115	P0667X0115	RIVET
116	P0667X0116	DATA PLATE
117	P0667X0117	ZERO SCALE
118	P0667X0118	KNOB 1/4-20
119	P0667X0119	SHIFT CRANK
120	PSS11	SET SCREW 1/4-20 X 1/4
121	P0667X0121	COMPRESSION SPRING
122	P0667X0122	INDENT PIN
123	P0667X0123	SHIFT SLEEVE
124	P0667X0124	WORM GEAR CRADLE THROW-OUT
125	P0667X0125	WORM SHAFT
126	PSS01M	SET SCREW M6-1 X 10
127	PK102M	KEY 4 X 4 X 18
128	P0667X0128	WORM GEAR
129	P0667X0129	CLUSTER GEAR SHAFT CAP
130	P0667X0130	FEED CLUSTER GEAR 17/28/22T
131	PR06M	EXT RETAINING RING 16MM
132	P0667X0132	BEVEL GEAR BUSHING
133	P0667X0133	BEVEL GEAR THRUST BUSHING
134	P0667X0134	FEED REVERSE BEVEL PINION
135	PK53M	KEY 3 X 3 X 45
136	P0667X0136	FEED ENGAGE PIN
137	P0667X0137	WORM GEAR CRADLE
138	PSS26M	SET SCREW M5-.8 X 6
139	PSB04M	CAP SCREW M6-1 X 10
140	PW03M	FLAT WASHER 6MM
141	P0667X0141	WORM GEAR SPACER
142	P0667X0142	FEED DRIVE WORM GEAR 20T
143	P0667X0143	WORM CRADLE BUSHING
144	PK103M	KEY 3 X 3 X 12
145	P0667X0145	FEED REVERSE BEVEL PINION
146	PSB30	CAP SCREW 5/16-18 X 1/2
147	PW07	FLAT WASHER 5/16
148	P0667X0148	FEED REVERSE BEVEL GEAR 24T
149	PK03M	KEY 3 X 3 X 8
150	P0667X0150	CLUSTER GEAR SHAFT 18/12T

REF	PART #	DESCRIPTION
151	P0667X0151	FEED DRIVE CLUSTER GEAR 23T
152	P0667X0152	NEEDLE BEARING BZ66Z
153	P0667X0153	REVERSE CLUTCH ROD
154	P0667X0154	FEED REVERSE BUSHING
155	P0667X0155	FEED REVERSE BEVEL GEAR
156	P0667X0156	FEED REVERSE CLUTCH
157	P0667X0157	DOWEL PIN 3 X 20
158	PR03M	EXT RETAINING RING 12MM
159	P0667X0159	FEED WORM SHAFT BUSHING
160	PK39M	KEY 3 X 3 X 10
161	PK52M	KEY 3 X 3 X 15
162	P0667X0162	FEED WORM SHAFT
163	P0667X0163	FEED WORM SHAFT END CAP
164	PSB06M	CAP SCREW M6-1 X 25
165	PSS01M	SET SCREW M6-1 X 10
166	P0667X0166	FEED GEAR SHIFTER FORK
167	P0667X0167	CLUSTER GEAR SHIFT CRANK
168	P0667X0168	FEED SHIFT ROD
169	P0667X0169	CLUSTER GEAR COVER
170	P0667X0170	QUILL PINION SHAFT BUSHING
171	P0667X0171	OVERLOAD CLUTCH GEAR 30T
172	PR05M	EXT RETAINING RING 15MM
173	P0667X0173	OVERLOAD CLUTCH NUT
174	P0667X0174	OVERLOAD CLUTCH
175	P0667X0175	CLUTCH SPRING
176	PSS05M	SET SCREW M5-.8 X 10
177	P0667X0177	LOCK COLLAR
178	P0667X0178	CLUTCH RING
179	P0667X0179	CLUTCH WASHER
180	PR01M	EXT RETAINING RING 10MM
181	P0667X0181	CLUTCH RING SCREW
182	P0667X0182	OVERLOAD CLUTCH TRIP LEVER
183	PRP03M	ROLL PIN 5 X 20
184	P0667X0184	CLUTCH ARM COVER
185	PSB79M	CAP SCREW M5-.8 X 35
186	PN05	HEX NUT 1/4-20
187	PSS06	SET SCREW 1/4-20 X 3/4
188	P0667X0188	COMPRESSION SPRING
189	P0667X0189	OVERLOAD CLUTCH PLUNGER
190	P0667X0190	OIL CUP
191	P0667X0191	FEED TRIP PLUNGER BUSHING
192	P0667X0192	FEED TRIP PLUNGER
193	P0667X0193	FEED TRIP LEVER
194	P0667X0194	FEED TRIP LEVER PIN
195	PN04M	HEX NUT M4-.7
196	PSS49M	SET SCREW M4-.7 X 16
197	P0667X0197	KNURLED SCREW
198	P0667X0198	INDICATOR ROD
199	P0667X0199	REVERSE TRIP LEVER SCREW
200	P0667X0200	FEED REVERSE TRIP PLUNGER



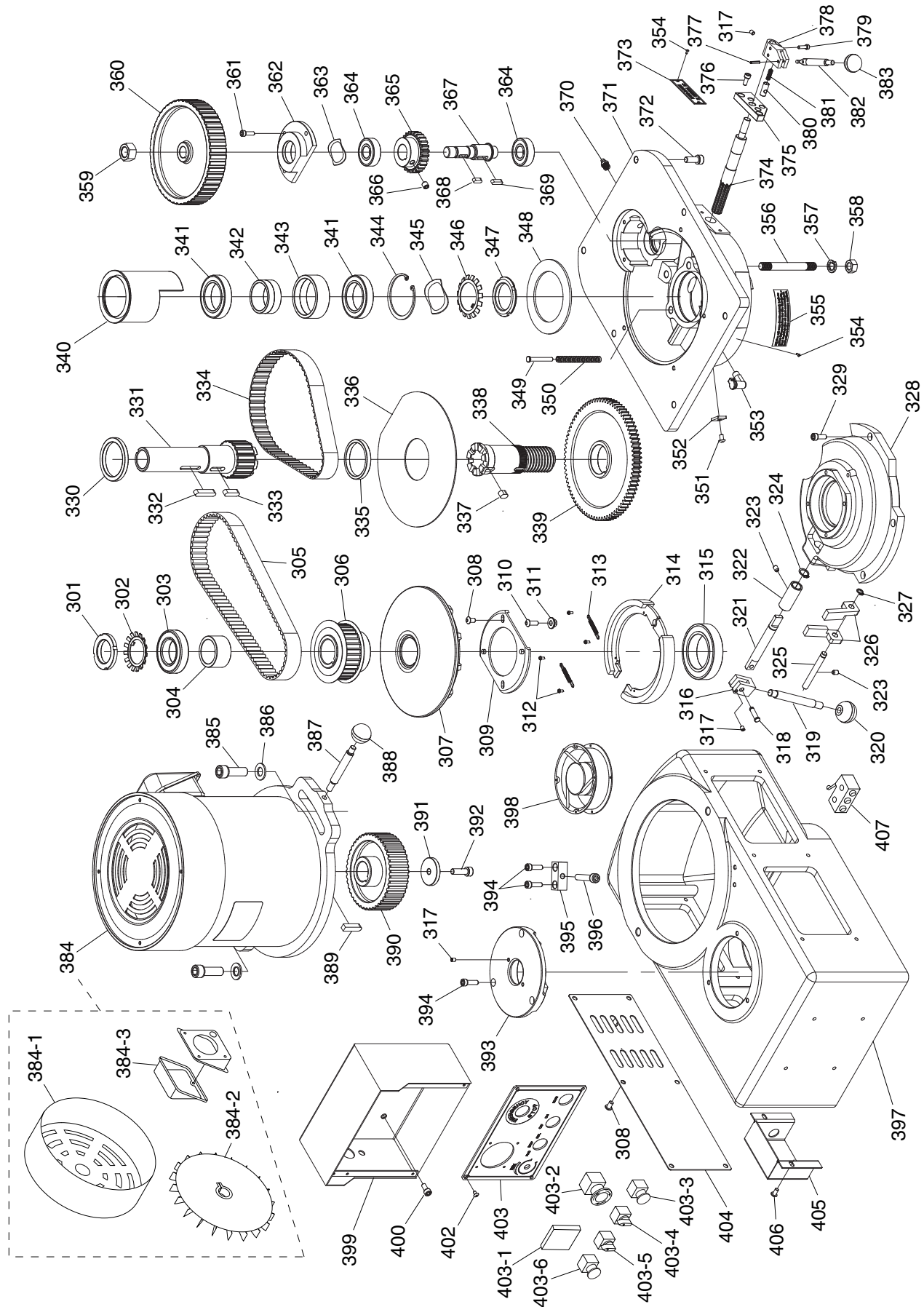
# Head Parts List

REF	PART #	DESCRIPTION
201	P0667X0201	REVERSE TRIP BALL LEVER
202	P0667X0202	QUILL DOG
203	P0667X0203	AUTO-DOWNFEED STOP
204	P0667X0204	AUTO-DOWNFEED STOP LOCK
205	P0667X0205	AUTO-DOWNFEED ROD
206	PSB105	CAP SCREW 3/8-16 X 5/8
207	P0667X0207	SHIFTER ASSY
208	P0667X0208	COMPRESSION SPRING
209	P0667X0209	SHIFTER PIN
210	P0667X0210	DOWEL PIN 3 X 12
211	P0667X0211	SHIFTER PIN END CAP
212	P0667X0212	DOWEL PIN 3 X 16
213	P0667X0213	SPECIAL SET SCREW
214	P0667X0214	SHIFTING ROD
215	P0667X0215	FEED TRIP BRACKET
216	PSB02M	CAP SCREW M6-1 X 20
217	P0667X0217	HANDLE
218	P0667X0218	HANDWHEEL CLUTCH
219	P0667X0219	STEEL BALL 5MM
220	P0667X0220	COMPRESSION SPRING

REF	PART #	DESCRIPTION
221	PSS17M	SET SCREW M8-1.25 X 6
222	P0667X0222	SCALE
223	PS17M	PHLP HD SCR M4-.7 X 6
224	P0667X0224	HANDWHEEL
225	P0667X0225	HANDWHEEL HANDLE
226	PEC13M	E-CLIP 5MM
227	P0667X0227	KNURLED SHAFT
228	P0667X0228	SPECIAL PHLP HD SCREW
229	P0667X0229	QUILL LOCK NUT
230	P0667X0230	QUILL LOCK SLEEVE
231	P0667X0231	LOCKING SHAFT
232	P0667X0232	COMPRESSION SPRING
233	P0667X0233	LOCK HANDLE
234	P0667X0234	SPECIAL PHLP HD SCREW
235	P0667X0235	CLAMPING BOLT
236	P0667X0236	LOWER CLAMPING BOLT SLEEVE
237	P0667X0237	SPECIAL WASHER
238	P0667X0238	CLAMPING BOLT HEX NUT
239	P0667X0239	HEADSTOCK CASTING



# Drive System Breakdown



# Drive System Parts List

REF	PART #	DESCRIPTION
301	P0667X0301	SPANNER NUT
302	P0667X0302	SPANNER NUT WASHER
303	P0667X0303	DEEP GRV BALL BEARING 6007VV
304	P0667X0304	BUSHING
305	P0667X0305	TIMING BELT 720-BYU-25
306	P0667X0306	SPINDLE PULLEY
307	P0667X0307	SPINDLE PULLEY BOTTOM CAP
308	PS68M	PHLP HD SCR M6-1 X 10
309	P0667X0309	BRAKE BEARING CAP
310	PS11M	PHLP HD SCR M6-1 X 16
311	P0667X0311	BRAKE SHOE PIVOT SLEEVE
312	PS12M	PHLP HD SCR M3-.5 X 6
313	P0667X0313	BRAKE SPRING
314	P0667X0314	BRAKE SHOE ASSEMBLY
315	P0667X0315	DEEP GRV BALL BEARING 6010VV
316	P0667X0316	BRAKE LOCK BRACKET
317	PSS26M	SET SCREW M5-.8 X 6
318	P0667X0318	BRAKE LOCK PIN
319	P0667X0319	BRAKE HANDLE
320	P0667X0101	KNOB 3/8-16
321	P0667X0321	BRAKE LOCK SHAFT
322	P0667X0322	SHAFT SLEEVE
323	PSS03M	SET SCREW M6-1 X 8
324	PR47M	EXT RETAINING RING 13MM
325	P0667X0325	BRAKE SHAFT
326	P0667X0326	BRAKE PIVOT BRACKET
327	PR36M	EXT RETAINING RING 7MM
328	P0667X0328	FEED TRIP BRACKET
329	PSB01M	CAP SCREW M6-1 X 16
330	P0667X0330	SPINDLE PULLEY SPACER
331	P0667X0331	SPINDLE PULLEY GEAR SHAFT 18T
332	PK109M	KEY 7 X 7 X 35
333	PK27M	KEY 7 X 7 X 25
334	P0667X0334	TIMING BELT 225L-100
335	P0667X0335	SPINDLE PULLEY HUB COLLAR
336	P0667X0336	GEAR HOUSING TOP CAP
337	PK70M	KEY 8 X 8 X 12
338	P0667X0338	SPLINE BULL GEAR HUB
339	P0667X0339	SPINDLE BULL GEAR 81T
340	P0667X0340	BEARING SLEEVE
341	P0667X0341	DEEP GRV BALL BEARING 6908VV
342	P0667X0342	BULL GEAR BEARING SPACER
343	P0667X0343	BEARING SLEEVE
344	PR38M	INT RETAINING RING 62MM
345	P0667X0345	WAVY LOCK WASHER
346	P0667X0346	SPANNER NUT WASHER
347	P0667X0347	SPANNER NUT
348	P0667X0348	SPACER
349	P0667X0349	SPECIAL PIN
350	P0667X0350	COMPRESSION SPRING

REF	PART #	DESCRIPTION
351	PS05M	PHLP HD SCR M5-.8 X 8
352	P0667X0352	SQUARE WASHER
353	P0667X0353	OIL CUP 1/8"
354	P0667X0115	RIVET
355	P0667X0355	DATA PLATE
356	P0667X0356	DBL END THREADED STUD 7/16-14
357	PLW05	LOCK WASHER 7/16
358	PN19	HEX NUT 7/16-14
359	P0667X0359	SPECIAL HEX NUT
360	P0667X0360	BELT PULLEY GEAR 50T
361	PSB24M	CAP SCREW M5-.8 X 16
362	P0667X0362	BULL GEAR PINION BEARING CAP
363	P0667X0363	WAVY LOCK WASHER
364	P0667X0364	DEEP GRV BALL BEARING 6203VV
365	P0667X0365	PINON GEAR 26T
366	PSS20M	SET SCREW M8-1.25 X 8
367	P0667X0367	PINON GEAR SHAFT
368	PK19M	KEY 5 X 5 X 14
369	PK14M	KEY 5 X 5 X 18
370	P0667X0370	GREASE FITTING 1/8"
371	P0667X0371	GEAR HOUSING
372	PSB14M	CAP SCREW M8-1.25 X 20
373	P0667X0373	DATA PLATE
374	P0667X0374	BULL BEAR SHIFT PINION
375	P0667X0375	HI-LOW DETENT PLATE
376	PSB33M	CAP SCREW M5-.8 X 12
377	PRP02M	ROLL PIN 3 X 16
378	P0667X0378	HI-LOW PINION BLOCK
379	PSB41M	CAP SCREW M4-.7 X 14
380	P0667X0380	HI-LOW DETENT PLUNGER
381	P0667X0381	COMPRESSION SPRING
382	P0667X0382	HANDLE
383	P0667X0118	KNOB 1/4-20
384	P0667X0384	SPINDLE MOTOR 3HP 220V 3-PH
384-1	P0667X0384-1	MOTOR FAN COVER
384-2	P0667X0384-2	MOTOR FAN
384-3	P0667X0384-3	MOTOR WIRING JUNCTION BOX
385	PSB111M	CAP SCREW M12-1.75 X 35
386	PW06M	FLAT WASHER 12MM
387	P0667X0387	MOTOR ADJUSTMENT LEVER
388	P0667X0388	KNOB 5/16-18
389	P0667X0389	KEY 8 X 7 X 30
390	P0667X0390	MOTOR GEAR 44T
391	P0667X0391	SPECIAL WASHER
392	PSB31M	CAP SCREW M8-1.25 X 25
393	P0667X0393	TOP BEARING COVER
394	PSB02M	CAP SCREW M6-1 X 20
395	P0667X0395	MOTOR ADJUSTMENT BLOCK
396	PSB12M	CAP SCREW M8-1.25 X 40
397	P0667X0397	DRIVE SYSTEM HOUSING



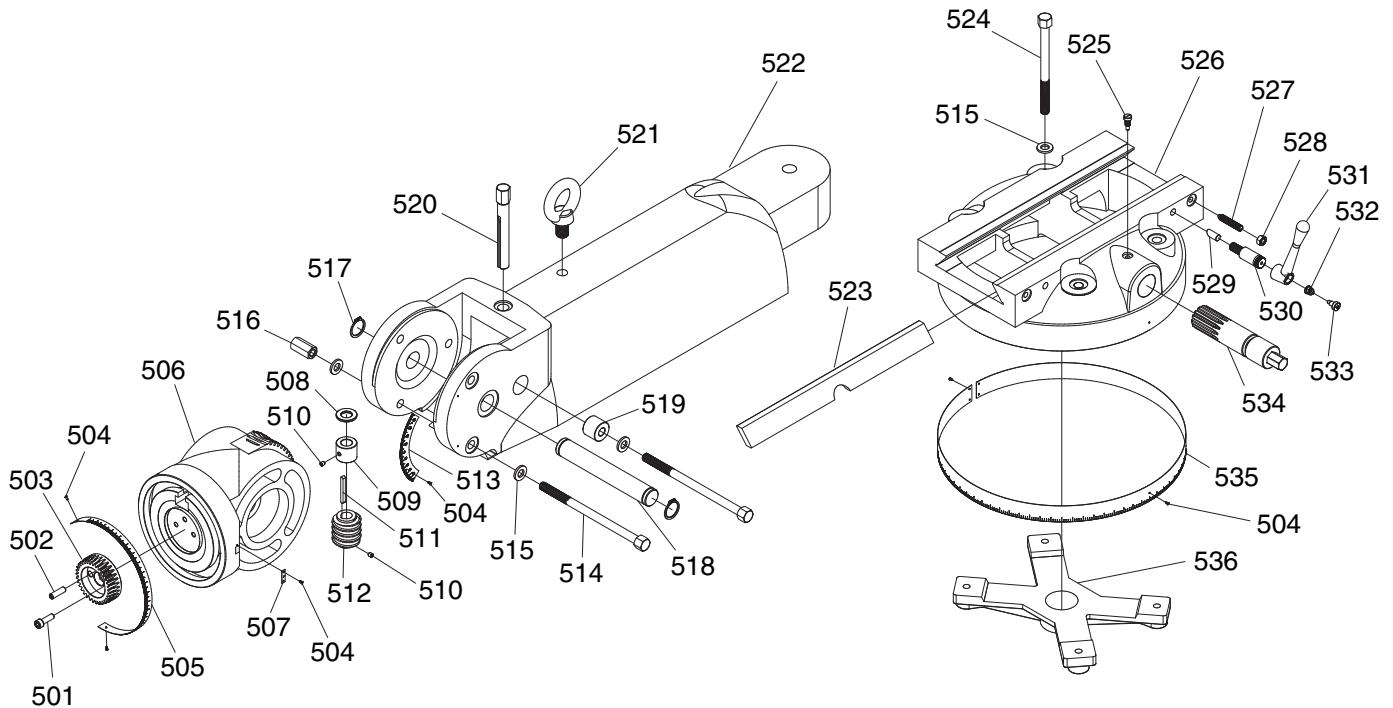
# Drive System Parts List

REF	PART #	DESCRIPTION
398	P0667X0398	COOLING FAN ASSY
399	P0667X0399	CONTROL PANEL BOX
400	PSB26M	CAP SCREW M6-1 X 12
402	PS17M	PHLP HD SCR M4-.7 X 6
403	P0667X0403	CONTROL PANEL
403-1	P0667X0403-1	SPINDLE SPEED READOUT
403-2	P0667X0403-2	EMERGENCY STOP SWITCH
403-3	P0667X0403-3	MOTOR START SWITCH

REF	PART #	DESCRIPTION
403-4	P0667X0403-4	COOLANT SWITCH
403-5	P0667X0403-5	SPINDLE DIRECTION SWITCH
403-6	P0667X0403-6	SPINDLE SPEED CONTROL
404	P0667X0404	BELT COVER
405	P0667X0405	BRAKE SAFETY SWITCH COVER
406	PS09M	PHLP HD SCR M5-.8 X 10
407	P0667X0407	BRAKE SAFETY SWITCH



# Ram Breakdown & Parts List



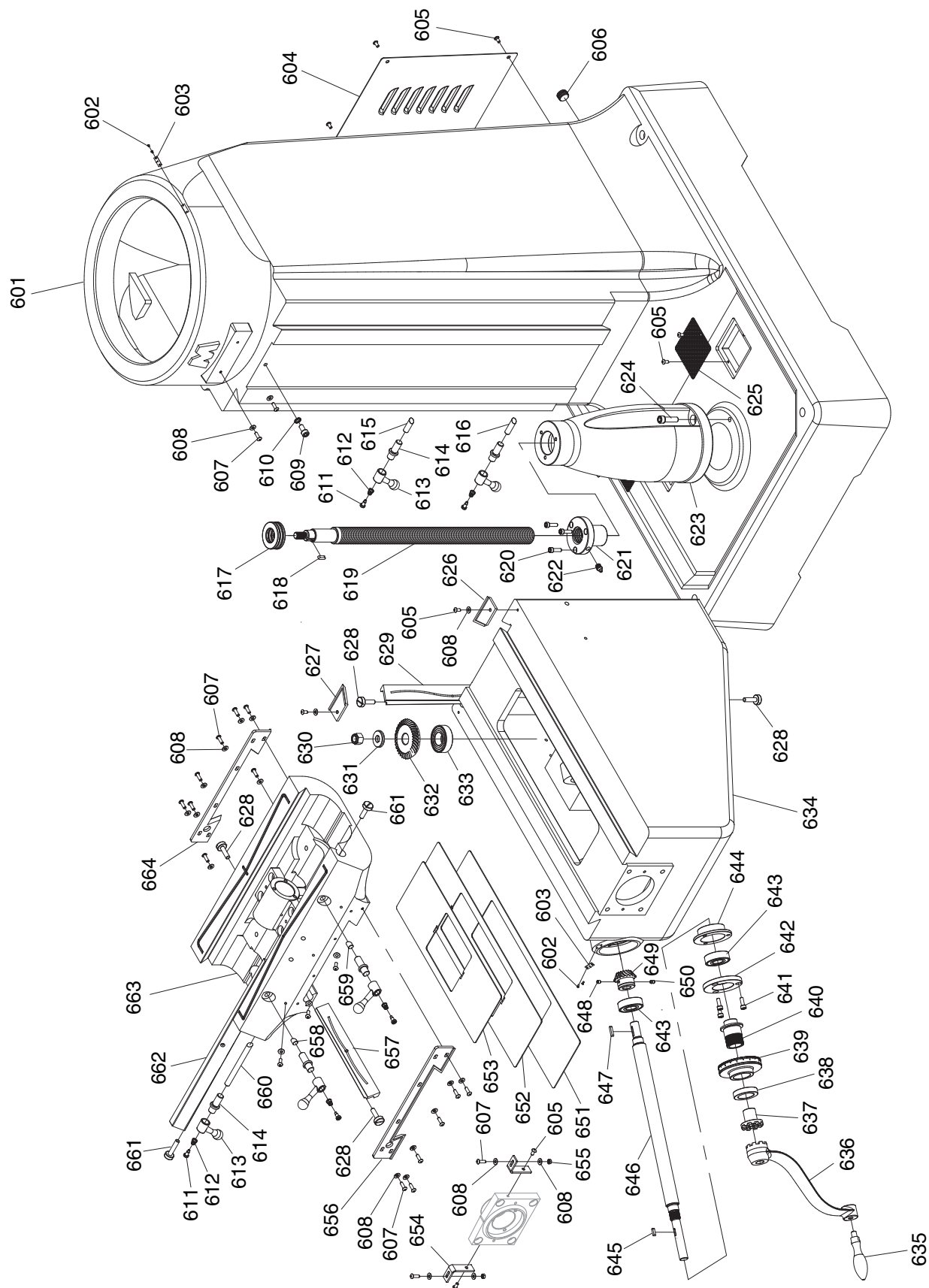
REF	PART #	DESCRIPTION
501	PSB31M	CAP SCREW M8-1.25 X 25
502	P0667X0502	DOWEL PIN 8 X 30
503	P0667X0503	GEAR 33T
504	P0667X0115	RIVET
505	P0667X0505	SCALE
506	P0667X0506	RAM ADAPTER
507	P0667X0507	INDICATOR PLATE
508	P0667X0508	WORM THRUST WASHER
509	P0667X0509	UPPER WORM LOCK COLLAR
510	PSS02M	SET SCREW M6-1 X 6
511	PK36M	KEY 5 X 5 X 50
512	P0667X0512	VERTICAL ADJUSTING WORM
513	P0667X0513	SCALE
514	P0667X0514	ADAPTER LOCKING BOLT
515	P0667X0515	FLAT WASHER 13MM
516	P0667X0516	LOCKING BOLT HEX NUT
517	PR19M	EXT RETAINING RING 28MM
518	P0667X0518	ADAPTER PIVOT ROD

REF	PART #	DESCRIPTION
519	P0667X0519	BUSHING
520	P0667X0520	VERTICAL ADJ WORM SHAFT
521	P0667X0521	LIFTING EYE BOLT 3/4-10
522	P0667X0522	RAM
523	P0667X0523	RAM GIB
524	P0667X0524	TURRET CLAMP BOLT
525	P0667X0525	RAM PINION SCREW
526	P0667X0526	TURRET
527	P0667X0527	GIB ADJUSTMENT SET SCREW
528	PN08	HEX NUT 3/8-16
529	P0667X0529	RAM LOCKING PLUNGER
530	P0667X0530	HANDLE SHAFT
531	P0667X0531	HANDLE
532	P0667X0532	SCREW SLEEVE
533	P0667X0533	SPECIAL SCREW
534	P0667X0534	RAM PINION 13T
535	P0667X0535	SCALE
536	P0667X0536	TURRET SPINDLE





# Column, Knee & Saddle Breakdown



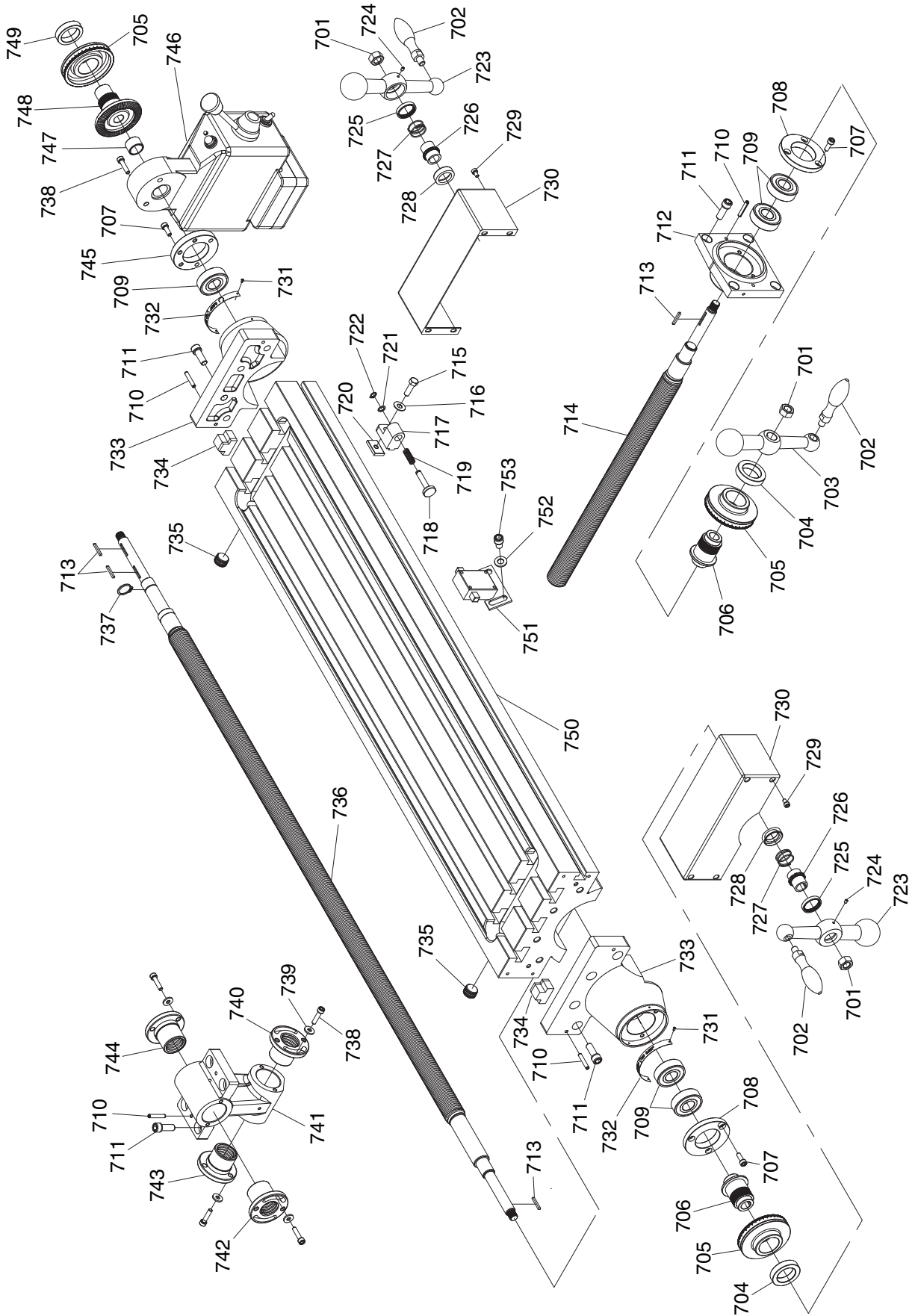
# Column, Knee & Saddle Parts List

REF	PART #	DESCRIPTION
601	P0667X0601	COLUMN
602	P0667X0115	RIVET
603	P0667X0603	INDICATOR PLATE
604	P0667X0604	COOLANT PUMP COVER
605	PS09M	PHLP HD SCR M5-.8 X 10
606	PSS49	SET SCREW 1/2-20 X 1/2
607	PS40M	PHLP HD SCR M5-.8 X 16
608	PW02M	FLAT WASHER 5MM
609	PSB11M	CAP SCREW M8-1.25 X 16
610	PLW04M	LOCK WASHER 8MM
611	P0667X0611	SPECIAL SCREW
612	P0667X0612	COMPRESSION SPRING
613	P0667X0613	LOCK HANDLE
614	P0667X0614	LOCK SHAFT
615	P0667X0615	KNEE LOCK PLUNGER
616	P0667X0615	KNEE LOCK PLUNGER
617	P51305	THRUST BEARING 51305
618	PK20M	KEY 5 X 5 X 15
619	P0667X0619	ELEVATION LEADSCREW
620	PSB19	CAP SCREW 3/8-16 X 1-1/4
621	P0667X0621	ELEVATION LEADSCREW NUT
622	P0667X0370	GREASE FITTING 1/8"
623	P0667X0623	ELEVATION LEADSCREW HOUSING
624	PSB19	CAP SCREW 3/8-16 X 1-1/4
625	P0667X0625	COOLANT SCREEN
626	P0667X0626	COLUMN WAY WIPER RIGHT
627	P0667X0627	COLUMN WAY WIPER LEFT
628	P0667X0628	GIB ADJUSTMENT SCREW
629	P0667X0629	KNEE GIB
630	PN06	HEX NUT 1/2-13
631	PW01	FLAT WASHER 1/2
632	P0667X0632	BEVEL GEAR

REF	PART #	DESCRIPTION
633	P6205	BALL BEARING 6205ZZ
634	P0667X0634	KNEE
635	P0667X0635	HANDLE
636	P0667X0636	KNEE CRANK
637	P0667X0637	CRANK CLUTCH
638	P0667X0638	DIAL RETAINER
639	P0667X0639	GRADUATED DIAL
640	P0667X0640	DIAL SLEEVE
641	PSB01M	CAP SCREW M6-1 X 16
642	P0667X0642	BEARING RETAINER RING
643	P6204	BALL BEARING 6204ZZ
644	P0667X0644	BEARING CAP
645	PK47M	KEY 4 X 4 X 15
646	P0667X0646	ELEVATION SHAFT
647	PK48M	KEY 4 X 4 X 20
648	PSS02M	SET SCREW M6-1 X 6
649	P0667X0649	BEVEL PINION
650	PSS03M	SET SCREW M6-1 X 8
651	P0667X0651	CHIP GUARD LARGE
652	P0667X0652	CHIP GUARD MEDIUM
653	P0667X0653	CHIP GUARD SMALL
654	P0667X0654	WAY COVER BRACKET
655	PN06M	HEX NUT M5-.8
656	P0667X0656	KNEE WAY WIPER FRONT
657	P0667X0657	SADDLE GIB
658	P0667X0658	TABLE LOCK PLUNGER
659	P0667X0658	TABLE LOCK PLUNGER
660	P0667X0660	SADDLE LOCK PLUNGER
661	P0667X0661	GIB ADJUSTMENT SCREW
662	P0667X0662	TABLE GIB
663	P0667X0663	SADDLE
664	P0667X0664	KNEE WAY WIPER REAR



# Table Breakdown



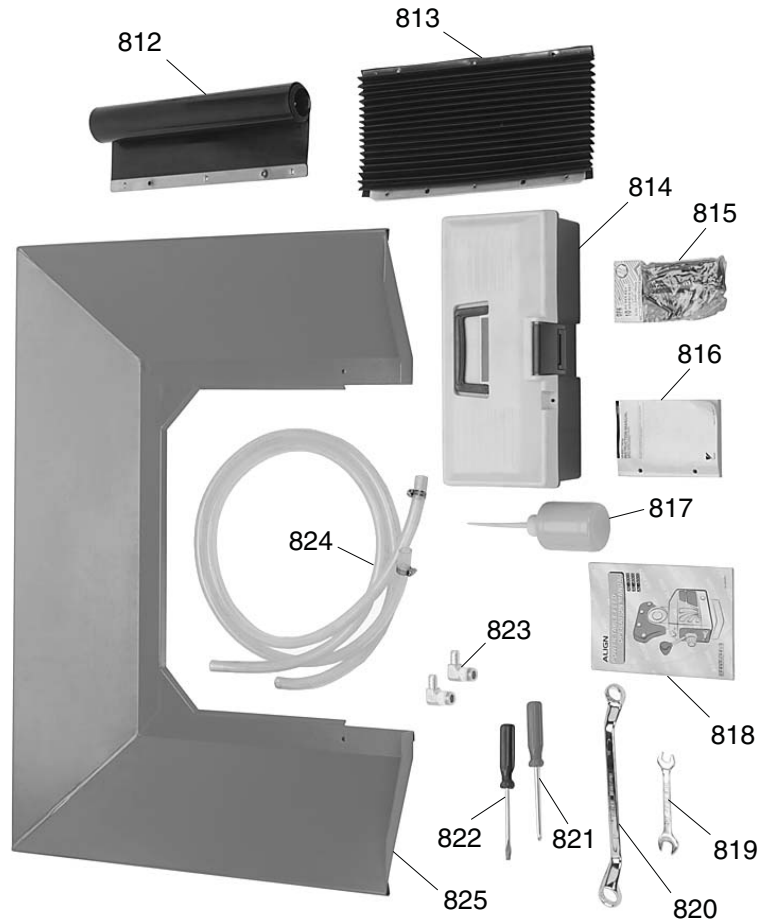
# Table Parts List

REF	PART #	DESCRIPTION
701	PN01	HEX NUT 1/2-20
702	P0667X0702	HANDLE
703	P0667X0703	BALL CRANK HANDLE
704	P0667X0704	DIAL RETAINER
705	P0667X0705	GRADUATED DIAL
706	P0667X0706	DIAL SLEEVE
707	PSB01M	CAP SCREW M6-1 X 16
708	P0667X0708	BEARING RETAINER RING
709	P6204	BALL BEARING 6204ZZ
710	PRP05M	ROLL PIN 5 X 30
711	PSB14	CAP SCREW 3/8-16 X 1
712	P0667X0712	CROSS FEED BEARING BRACKET
713	PK92M	KEY 3 X 3 X 25
714	P0667X0714	CROSS FEED LEADSCREW
715	PB03	HEX BOLT 5/16-18 X 1
716	PW07	FLAT WASHER 5/16
717	P0667X0717	LIMIT STOP BRACKET
718	P0667X0718	LIMIT STOP SHAFT
719	P0667X0719	COMPRESSION SPRING
720	P0667X0720	T-NUT
721	PW01M	FLAT WASHER 8MM
722	PR36M	EXT RETAINING RING 7MM
723	P0667X0723	BALL CRANK HANDLE
724	PSS08M	SET SCREW M4-.7 X 5
725	P0667X0725	CRANK BEARING
726	P0667X0726	CRANK SLEEVE
727	P0667X0727	COMPRESSION SPRING

REF	PART #	DESCRIPTION
728	P0667X0728	BUSHING
729	PSB03M	CAP SCREW M5-.8 X 8
730	P0667X0730	TABLE END COVER
731	P0667X0115	RIVET
732	P0667X0732	INDICATOR PLATE
733	P0667X0733	TABLE BEARING BRACKET
734	P0667X0734	TABLE END PLUG
735	P0667X0735	TABLE COOLANT PLUG
736	P0667X0736	LOGITUDINAL LEADSCREW
737	PR09M	EXT RETAINING RING 20MM
738	PSB06M	CAP SCREW M6-1 X 25
739	PW03M	FLAT WASHER 6MM
740	P0667X0740	CROSS FEED LDSCR NUT FRONT
741	P0667X0741	LEADSCREW NUT BRACKET
742	P0667X0742	LONGITUDINAL LDSCR NUT LEFT
743	P0667X0743	CROSS FEED LDSCR NUT REAR
744	P0667X0744	LONGITUDINAL LDSCR NUT RIGHT
745	P0667X0745	POWER FEED MOUNTING RING
746	P0667X0746	LONGITUDINAL POWER FEED ASSY
747	P0667X0747	BUSHING
748	P0667X0748	POWER FEED BRASS BEVEL GEAR
749	P0667X0749	THREADED COLLAR
750	P0667X0750	TABLE
751	P0667X0751	LIMIT SWITCH ASSY
752	PW02	FLAT WASHER 3/8
753	PSB100	CAP SCREW 3/8-16 X 1/2



# Accessories Breakdown & Parts List

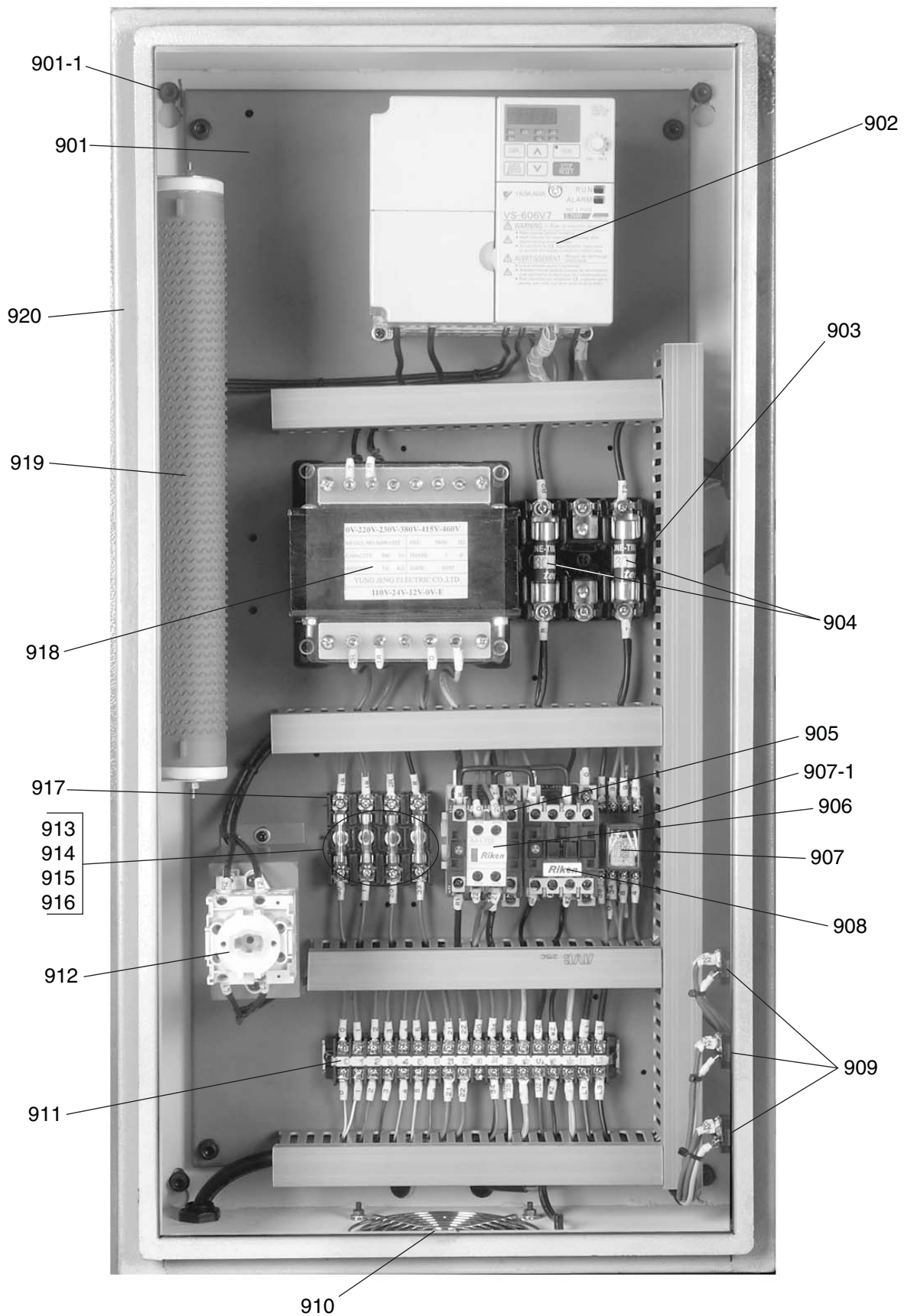


REF	PART #	DESCRIPTION
812	P0667X0812	WAY COVER REAR
813	P0667X0813	WAY COVER FRONT
814	P0667X0814	TOOL BOX
815	P0667X0815	HEX WRENCH SET 1.5-10MM
816	P0667X0816	FREQ DRIVE INSTRUCTION MANUAL
817	P0667X0817	LUBRICATION SQUEEZE BOTTLE

REF	PART #	DESCRIPTION
818	P0667X0818	POWER FEED OPERATION MANUAL
819	P0667X0819	OPEN END WRENCH 12/14MM
820	P0667X0820	CLOSED END WRENCH 19/21MM
821	P0667X0821	PHILLIPS SCREWDRIVER
822	P0667X0822	STANDARD SCREWDRIVER
825	P0667X0825	SPLASH PAN



# Electrical Cabinet Breakdown

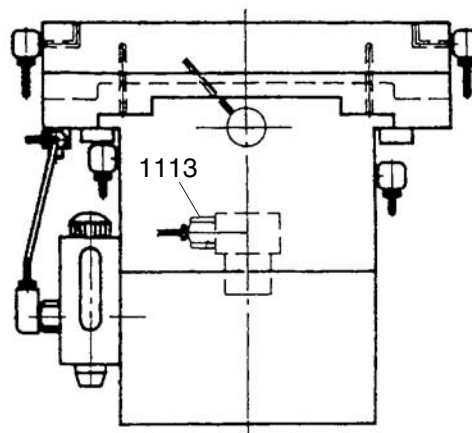
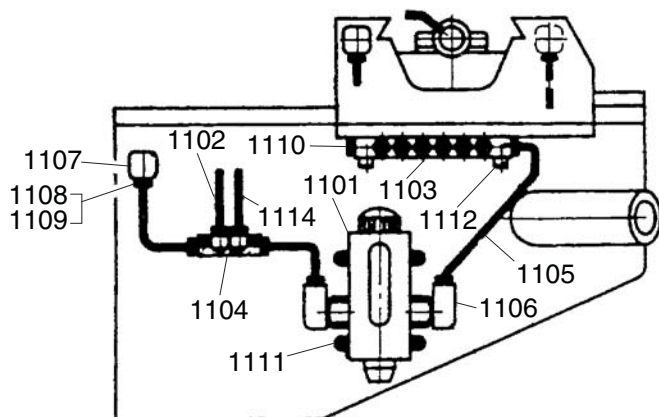


# Electrical Cabinet Parts List

REF	PART #	DESCRIPTION
901	P0667X0901	ELECTRICAL CABINET PANEL
901-1	PSB15M	CAP SCREW M5-.8 X 20
902	P0667X0902	FREQUENCY DRIVE VS-606-V7
903	P0667X0903	FUSE HOLDER 3-POS
904	P0667X0904	FUSE 20A
905	P0667X0905	CONTACTOR RIKEN 09T10
906	P0667X0906	AUX CONTACTOR RIKEN RA1-T20
907	P0667X0907	RELAY OMRON MY4J 24V
907-1	P0667X0907-1	CONTROL RELAY SOCKET PYF-14A
908	P0667X0905	CONTACTOR RIKEN RCR-10T40
909	P0667X0909	ELECTRICAL RECEPTACLE 110V

REF	PART #	DESCRIPTION
910	P0667X0910	COOLING FAN ASSY
911	P0667X0911	TERMINAL BLOCK 18-POST
912	P0667X0912	MAIN POWER SWITCH
913	P0667X0913	FUSE 5A
914	P0667X0914	FUSE 2A
915	P0667X0913	FUSE 5A
916	P0667X0916	FUSE 1A
917	P0667X0917	FUSE HOLDER 4-POS
918	P0667X0918	TRANSFORMER 500V 1-PH
919	P0667X0919	BRAKE RESISTER 40 OHM
920	P0667X0920	ELECT CABINET W/DOOR & LATCH

# One-Shot Oiler Breakdown & Parts List

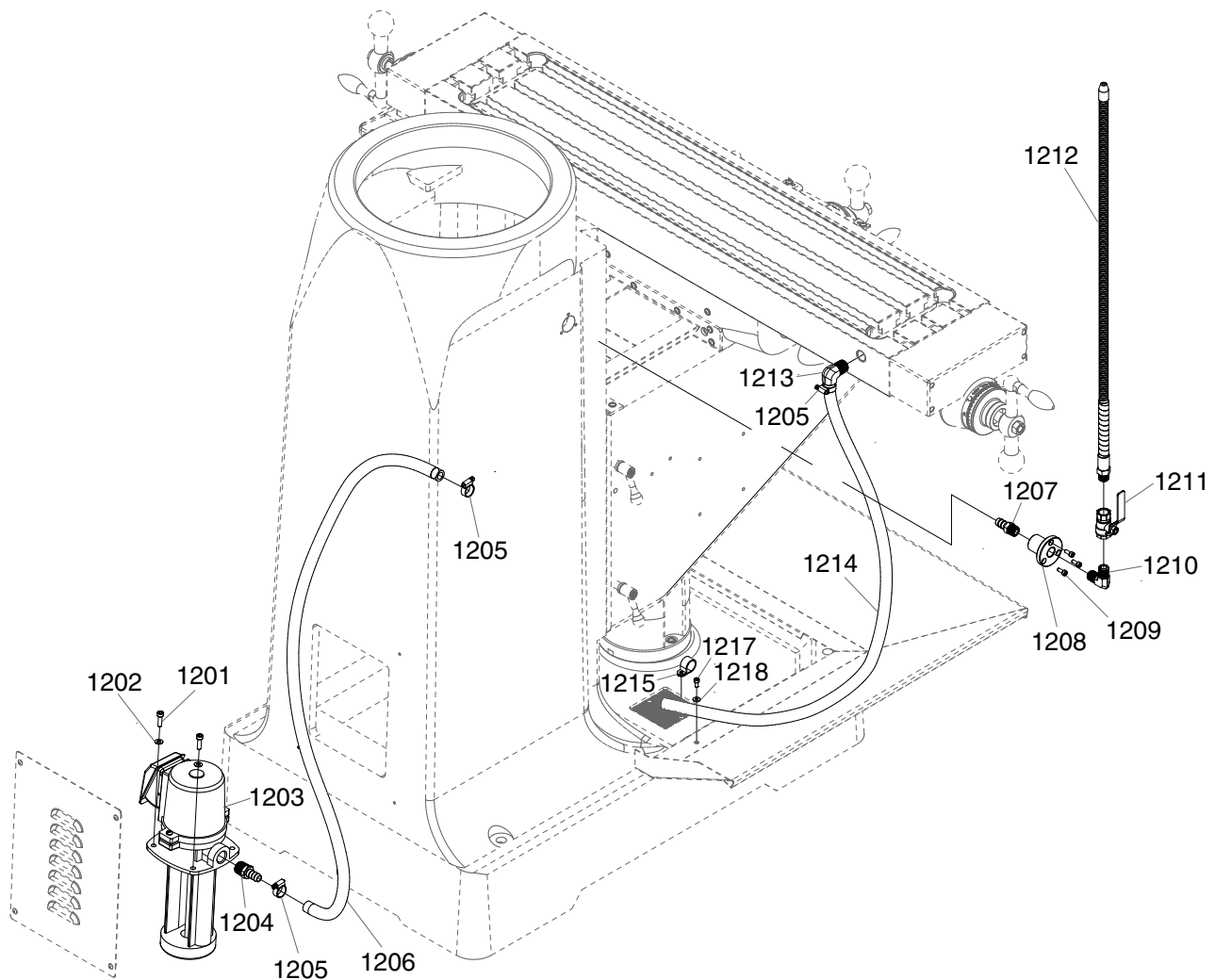


REF	PART #	DESCRIPTION
1101	P0667X1101	ONE SHOT OILER ASSEMBLY
1102	P0667X1102	ALUMINUM PIECE 13.5MM
1103	P0667X1103	OIL REGULATION DISTRIBUTOR
1104	P0667X1104	OIL REGULATION DISTRIBUTOR
1105	P0667X1105	FLEXIBLE STEEL TUBE 4 X 550MM
1106	P0667X1106	ELBOW JOINT
1107	P0667X1107	ELBOW JOINT

REF	PART #	DESCRIPTION
1108	P0667X1108	THIMBLE NUT
1109	P0667X1109	THIMBLE
1110	P0667X1110	UNION
1111	PS15M	PHLP HD SCR M6-1 X 14
1112	PSB38M	CAP SCREW M5-.8 X 25
1113	P0667X1113	STRAIGHT JOINT
1114	P0667X1114	NYLON PIECE



# Coolant System Breakdown & Parts List



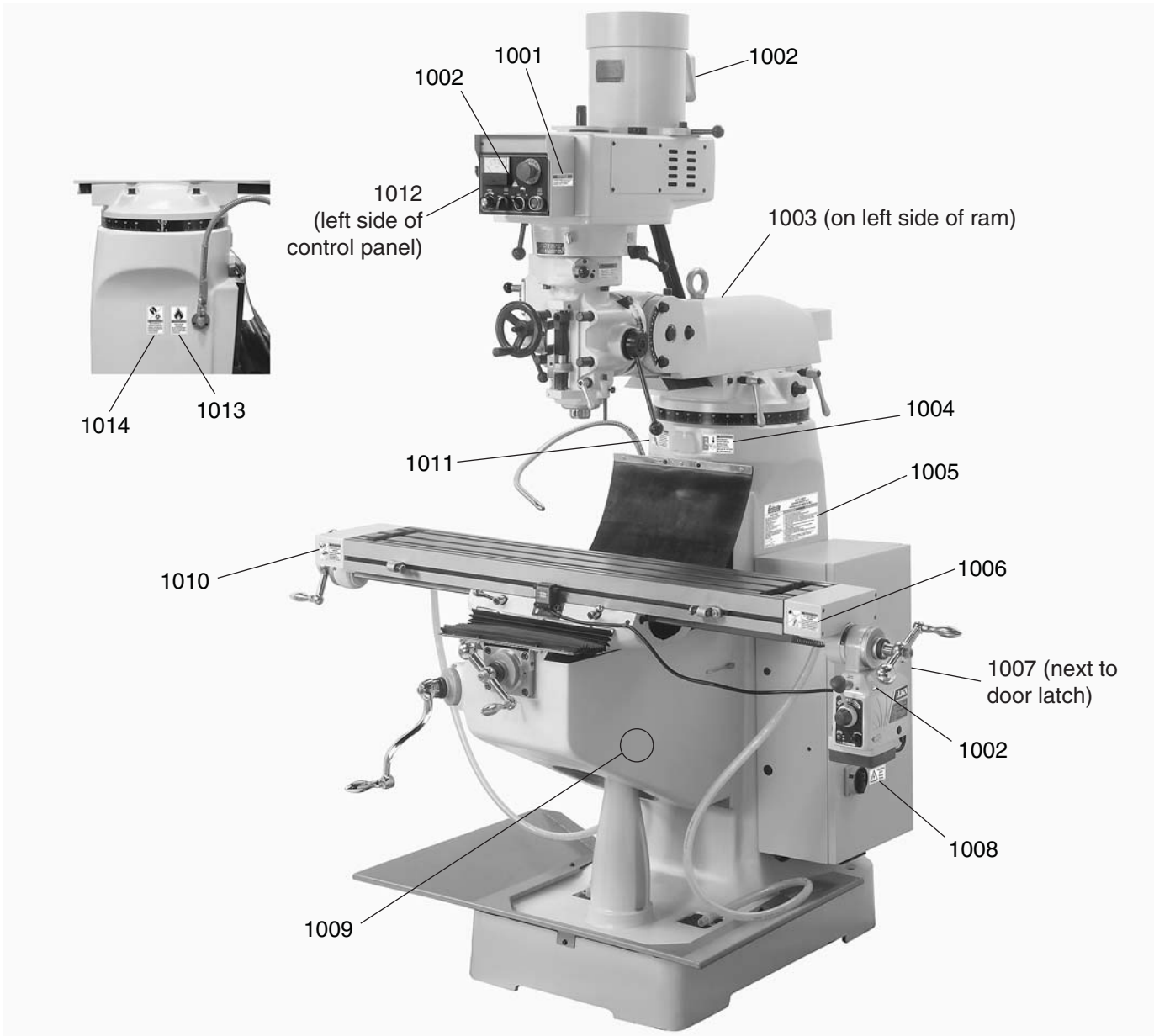
REF	PART #	DESCRIPTION
1201	PSB02M	CAP SCREW M6-1 X 20
1202	PW03M	FLAT WASHER 6MM
1203	P0667X1203	COOLANT PUMP 1/8HP 220V 1-PH
1204	P0667X1204	HOSE FITTING
1205	P0667X1205	HOSE CLAMP 3/4"
1206	P0667X1206	HOSE 1/2" X 1100MM
1207	P0667X1207	HOSE CONNECTOR
1208	P0667X1208	BRACKET
1209	PSB33M	CAP SCREW M5-.8 X 12

REF	PART #	DESCRIPTION
1210	P0667X1210	PIPE ELBOW 3/8"
1211	P0667X1211	VALVE
1212	P0667X1212	COOLANT NOZZLE
1213	P0667X1213	ELBOW CONNECTOR 1/2"
1214	P0667X1214	HOSE 1/2" X 1500MM
1215	P0667X1215	HOSE CLAMP 3/4"
1217	PSB50M	CAP SCREW M5-.8 X 10
1218	PW02M	FLAT WASHER 5MM





# Label Placement & List



REF	PART #	DESCRIPTION
1001	P0667X1001	COOLANT PUMP NOTICE LABEL
1002	PLABEL-14	ELECTRICITY LABEL
1003	G8588	GRIZZLY NAMEPLATE
1004	P0667X1004	DISCONNECT POWER LABEL
1005	P0667X1005	MACHINE ID LABEL
1006	P0667X1006	ENTANGLEMENT HAZARD LABEL
1007	P0667X1007	SHOCK HAZARD LABEL

REF	PART #	DESCRIPTION
1008	P0667X1008	PRE-WIRED 220V LABEL
1009	PPAINT-23	GRIZZLY BEIGE TOUCH UP PAINT
1010	P0667X1010	EYE HAZARD LABEL HORIZ
1011	P0667X1011	READ MANUAL LABEL HORIZ
1012	P0667X1012	TRAINED PERSONNEL ONLY LABEL
1013	P0667X1013	EXPLOSION HAZARD LABEL
1014	P0667X1014	BIOLOGICAL HAZARD LABEL

## WARNING

Safety labels warn about machine hazards and ways to prevent injury. The owner of this machine **MUST** maintain the original location and readability of the labels on the machine. If any label is removed or becomes unreadable, **REPLACE** that label before using the machine again. Contact Grizzly at (800) 523-4777 or [www.grizzly.com](http://www.grizzly.com) to order new labels.



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