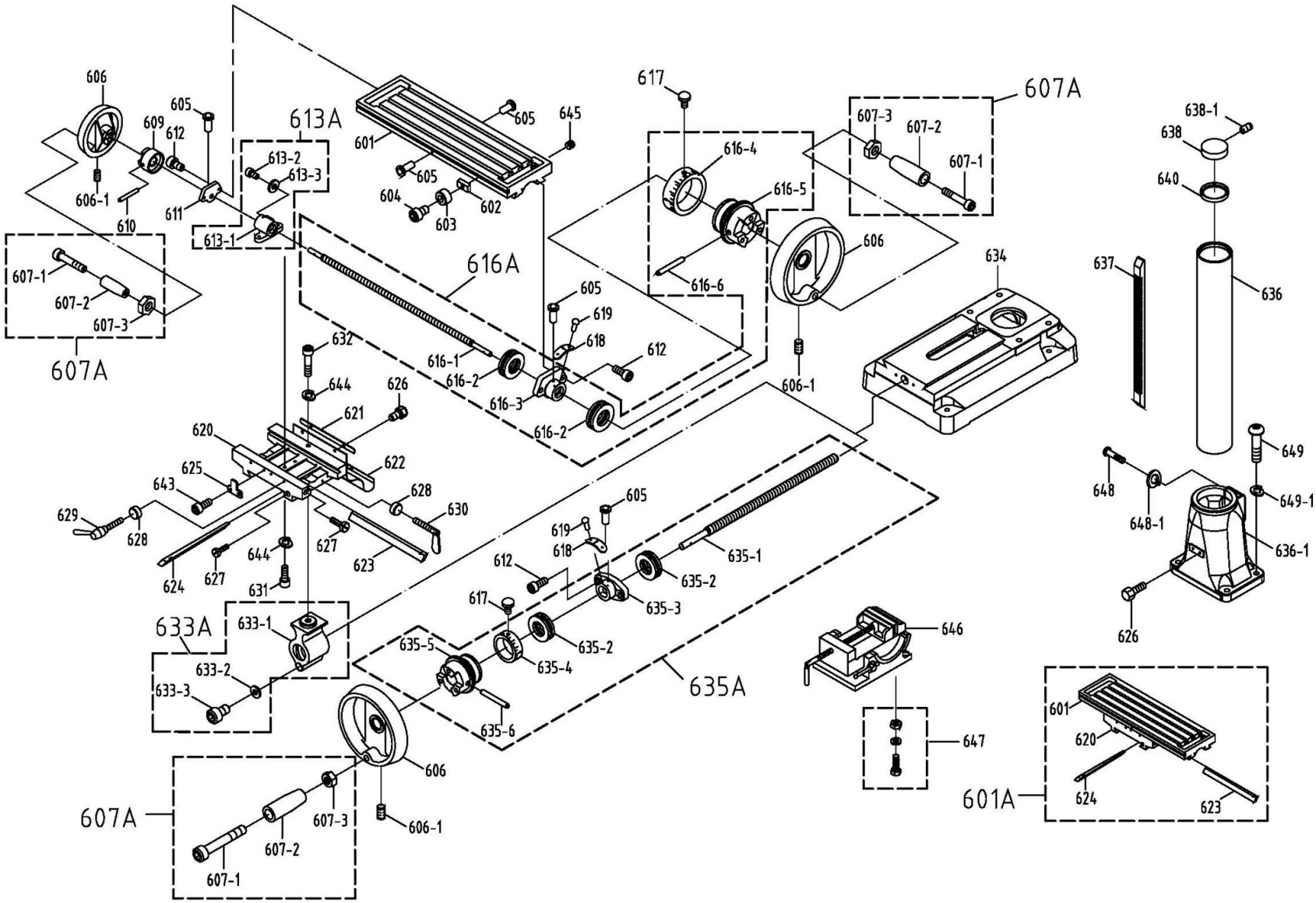
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Diagram A - Table, Base and Column - JMD-40GH / 40GHPF

Base machine; retain model, voltage and serial-number applicability.



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Parts List A - Table, Base and Column - JMD-40GH / 40GHPF

Base machine; retain model, voltage and serial-number applicability.

Ref.	Part number	Description	Size	Qty.
601	JMD18-228G	Table	31L	1
601A	JMD18-228A	Table Assembly		1
602	JMD18-229	Fixed T-Block		2
603	JMD18-230	Stop Ring		2
604	TS-0207021	Hex Socket Head Cap Screw	1/4”-20x1/2”	2
605	JMD18-368	Ball Oiler	1/4”	5
606	JMD18-201	Table Handwheel		3
606-1	TS-0267041	Set Screw	1/4”-20x3/8”	3
607A	JMD18-201A	Handle Assembly (#607-1 thru 607-3)		3
607-1	JMD18-201-1	Hex Socket Head Cap Screw (RE: JMD18-201-2)	3/8”-16x16	3
607-2	JMD18-201-2	Handle		3
607-3	TS-0561031	Hex Nut	3/8”-16	3
609	JMD18-220	Table Clutch		1
610	JMD18-366	Spring Pin	5x38L mm	1
611	JMD18-222	Left Flange		1
612	TS-0208061	Hex Socket Head Cap Screw	5/16”-18x1”	6
613A	JMD18-223A	Table Nut Set (#613-1 thru 613-3)		1
613-1	JMD18-223	Table Nut	TM23.7-10	1
613-2	TS-1502041	Hex Socket Head Cap Screw	M5-0.8x16	1
613-3	TS-1550031	Flat Washer	M5	1
616A	JMD18-224A	Table Screw Assembly (#616-1 thru 616-6)		1
616-1	JMD18-224	Table Lead Screw		1

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Parts List A - Table, Base and Column - JMD-40GH / 40GHPF (continued)

Base machine; retain model, voltage and serial-number applicability.

Ref.	Part number	Description	Size	Qty.
616-2	BB-51103	Thrust Bearing	51103	2
616-3	JMD18-226	Right Flange		1
616-4	JMD18-202-1	Graduated Dial		1
616-5	JMD18-202	Dial Clutch		1
616-6	JMD18-366	Spring Pin	5x38L mm	1
617	JMD18N-617	Link Screw		2
618	JMD18-121	Indicator Plate		2
619	JMD18-204-2	Rivet	2mm	4
620	JMD18-216G	Center Base	31L	1
621	JMD18-219	Anti-Dust Plate		1
622	JMD18-217	Anti-Dust Plate Assembly		1
623	JMD18-227	Gib Strip	31L	1
624	JMD18-207	Gib Strip	31L	1
625	JMD18-214	Fixed Block		1
626	5217641	Hex Cap Screw	M8X15L	4
627	JMD18-212	Gib Strip Bolt		2
628	JMD18N-628	Bushing		4
629	JMD18-213-1	Locking Handle		2
630	JMD18-213	Leaf Screw		2
631	TS-0208061	Hex Socket Head Cap Screw	5/16”-18x1”	2
632	TS-0051101	Hex Socket Head Cap Screw	5/16”-18x2-1/4”	1
633A	JMD18-215A	ACME Nut Assembly (#633-1 thru 633-3)		1
633-1	JMD18-215	ACME Nut	TM23	1

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Parts List A - Table, Base and Column - JMD-40GH / 40GHPF (continued)

Base machine; retain model, voltage and serial-number applicability.

Ref.	Part number	Description	Size	Qty.
633-2	TS-1550031	Flat Washer	M5	1
633-3	TS-1502041	Hex Socket Head Cap Screw	M5x16	1
634	JMD18N-634G	Base		1
	JMD18N-634GN	Base (serial no: 21010196 and higher)		1
635A	JMD18-205A	ACME Nut Assembly (#63-1 thru 635-6)		1
635-1	JMD18-205	Cross Lead Screw	TM23	1
635-2	BB-51103	Thrust Bearing	51103	2
635-3	JMD18-204	Square Flange		1
635-4	JMD18-202-1	Graduated Dial		1
635-5	JMD18-202	Dial Clutch		1
635-6	JMD18-366	Spring Pin	5x38 mm	1
636	JMD18N-636G	Column Base		1
	JMD18N-636GN	Column (serial no: 21010196 and higher)	765mm	1
636-1	JMD18N-636G-1	Base (serial no: 21010196 and higher)		1
637	JMD18N-637	Rack	600.5L	1
638	JMD18-211	Column Cap		1
638-1	TS-0270021	Set Screw	5/16”-18x5/16”	1
640	JMD18-209	Column Flange Ring		1
643	TS-0208022	Hex Socket Head Cap Screw	5/16”-24x1/2”	2
644	JMD18N-644	Lock Washer	5/16”	3
645	JMD18N-645	Plug	PT1/4”x3/8”	1
646	365534	Angle Vise		1
647	365534-01	Hardware Package (2 Bolts, 2 Nuts, 2 Washers)		1

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Parts List A - Table, Base and Column - JMD-40GH / 40GHPF (continued)

Base machine; retain model, voltage and serial-number applicability.

Ref.	Part number	Description	Size	Qty.
648	JMD18N-648	Screw	M12X50L	1
648-1	TS-2361121	Spring Washer	M12	1
649	JMD18N-649	Screw	M16x60L	1
649-1	TS-2361121	Spring Washer	M12	1
	JMD40GH-AP	Accessory Package (not shown) *		1
	JMD18-020	Cutter Arbor		1
	JMD18-022	Handle		4
	JMD18-039	Handle Rod		3
	JMD18-040	Knob		3
	JMD18-050	Lock Handle		1
	561704	Drill Chuck w/Chuck Key	JT6, 1/2" (13mm)	1
	JMD18-086	Face Mill Cutter Assembly	3” (74mm)	1
	JMD18-021	Chuck Arbor (Installed)		1
	365534	Angle Vise		1
	JMD18-058	Handle Crank		1
	JMD18-201	Wheel		3
	TS-152704	Hex Wrench	3mm	1
	TS-152705	Hex Wrench	4mm	1
	TS-152706	Hex Wrench	5mm	1
	TS-0209051	Hex Socket Cap Screw	3/8”-16x1”	1
	TS-0680041	Flat Washer	3/8”	1
	365534-01	Hardware Package (2 Bolts, 2 Nuts, 2 Washers)		1
	JMD40GH-PW	Plum Wrench		1

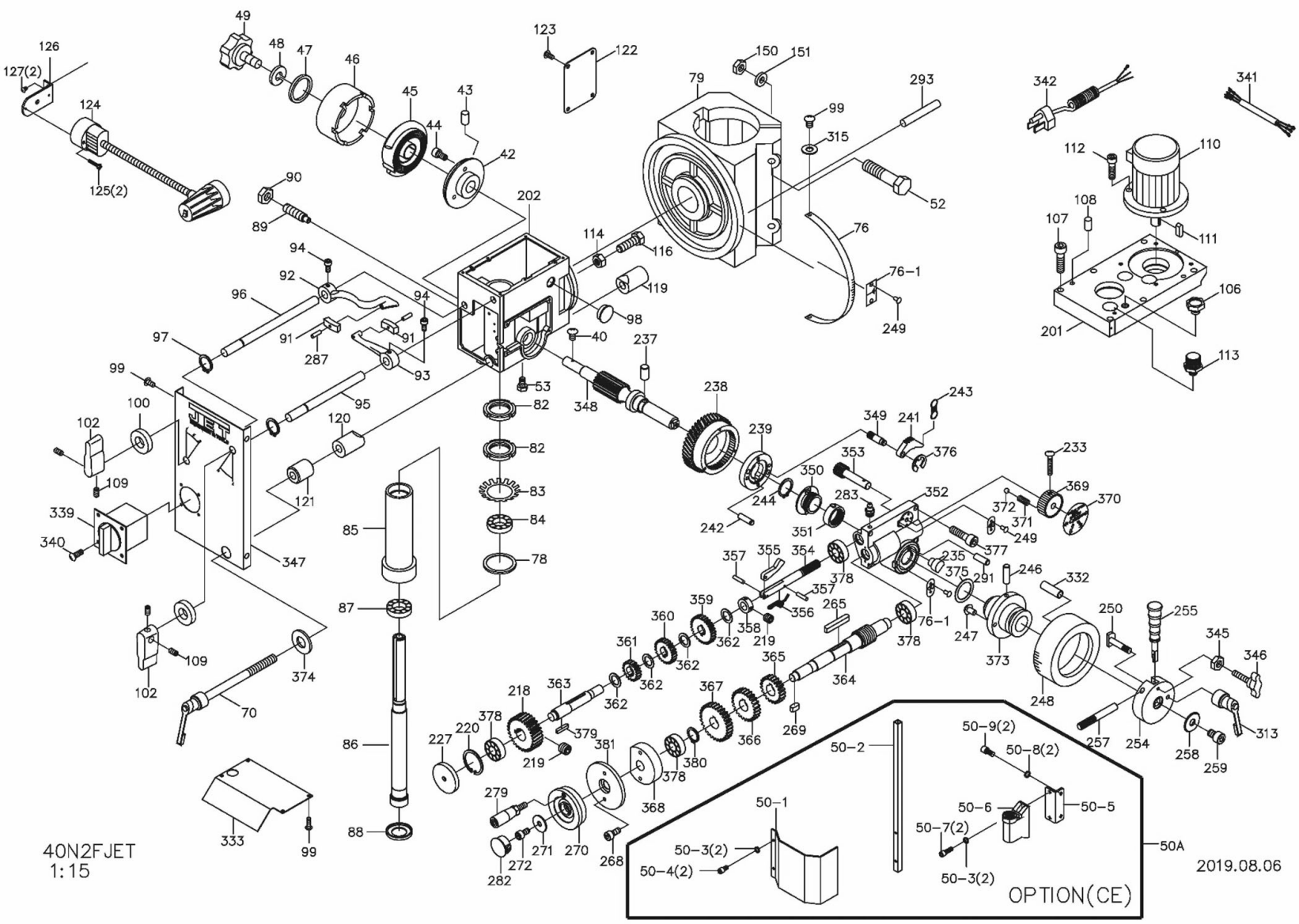
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Diagram B - Gear Head - Power Downfeed

Base machine; retain model, voltage and serial-number applicability.



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Parts List B - Gear Head - Power Downfeed

Base machine; retain model, voltage and serial-number applicability.

Ref.	Part number	Description	Size	Qty.
40	GHD20PF-40	Screw	3/16” x 3/8”	1
42	61105	Spring Base		1
43	GHD20PF-43	Spring Pin	3 x 12 mm	2
44	GHD20PF-44	Screw	3/16” x 3/4”	3
45	61103S	Spring and Cover (includes #46)		1
46	61103	Spring Cover (RE:61103S)		1
47	TS-0680021	Flat Washer	1/4"	1
48	TS-0720071	Lock Washer	1/4"	1
49	6185	Lock Knob		1
50A	GHD20-50-A	Chuck Guard Assembly (#50-1 thru 50-9)		1
50-1	JMD18-125-1	Chuck Guard and Support Rod		1
50-2	JMD18-125-2	Support Rod (RE:JMD18-125-1)		1
50-3	TS-2361051	Lock Washer	M5	4
50-4	TS-1502021	Hex Socket Head Cap Screw	M5 x 10	2
50-5	GHD20-50-5	Chuck Guard Bracket		1
50-6	JMD18-125-5	Rotary Support Base		1
50-7	JMD18-125-6	Hex Socket Head Cap Screw	M5 x 15L	2
50-8	TS-1551041	Lock Washer	M6	2
50-9	6286490	Hex Socket Head Cap Screw	M6 x 15L	2
52	TS-0071141	Hex Cap Screw	5/8”-11 x 5-1/2”	2
53	GHD20-53	Oil Plug	1/4”PT	1
54	JMD40GH-55	Worm Shaft		1
55	JMD40GH-56	O-Ring		1
56-1	JMD40GH-57-1	Bracket		1

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Parts List B - Gear Head - Power Downfeed (continued)

Base machine; retain model, voltage and serial-number applicability.

Ref.	Part number	Description	Size	Qty.
56-2	JMD40GH-57-2	Worm Gear		1
56-3	F006042	C-Ring, External	S14	2
56-4	JMD40GH-57-4	Shaft		1
56-5	JMD40GH-57-5	Ball Oiler		1
57	TS-0207041	Hex Socket Head Cap Screw	1/4”-20 x 3/4”L	4
58-1	JMD40GH-59-1	Crank		1
58-2	TS-0271052	Set Screw	3/8”-16 x 1/2”L	1
60A	JMD18-201A	Handle Assembly (#60-1 thru 60-3)		1
60-1	JMD18-201-1	Hex Socket Head Cap Screw	3/8” x 16UNC	1
60-2	JMD18-201-2	Handle		1
60-3	TS-0561031	Hex Nut	3/8”-16	1
70	2421003	Handle Rod Assembly		1
76	2401076	Scale		1
76-1	2450060	Pointer		3
78	6112	Rubber Gasket		1
79	2412001G	Casting		1
82	6114	Lock Nut		1
83	GHD20PF-83	Star Washer, External Tooth	M30	1
84	BB-30206	Taper Roller Bearing	30206	1
85	6116-R8	Quill	R8	1
86	6117-R8	Spindle Shaft	R8	1
	6117N-R8	Spindle Shaft (s/n 1910xxxx and higher)	R8/ 2-Slot	1
87	BB-30207	Taper Roller Bearing	30207	1
88	6119	Bearing Cap		1
89	6127	Screw Key		1

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Parts List B - Gear Head - Power Downfeed (continued)

Base machine; retain model, voltage and serial-number applicability.

Ref.	Part number	Description	Size	Qty.
90	TS-0561031	Hex Nut	3/8”-16	1
91	2401066	Gear Lever Bracket		2
92	2401067	Gear Lever (Left)		1
93	2401068	Gear Lever (Right)		1
94	TS-0207021	Hex Socket Head Cap Screw	1/4”-20 x 1/2"	1
95	2401070	Lever Shaft (Right)		1
96	2401071	Lever Shaft (Left)		1
97	GHD20PF-97	C-Ring, External	S12	2
98	GHD20PF-98	Oil Sight Glass		1
99	GHD20PF-99	Screw	3/16” x 3/8”	8
100	GHD20PF-100	Oil Seal	G12	2
102	2401075	Speed Lever		2
106	GHD20PF-106	Oil Plug		1
107	TS-0209081	Hex Socket Head Cap Screw	3/8”-16 x 3/4"	6
108	GHD20PF-108	Miter Pin		2
109	TS-0267021	Set Screw	1/4"-20 x 1/4"	4
110	JMD40GH-86	Motor	1.5HP 1PH 115/230V	1
	JMD40GH-86MF	Motor Fan		1
	JMD40GH-86MFC	Motor Fan Cover		1
	JMD40GH-86SC	Start Capacitor	400MFD 125VAC	1
	JMD40GH-86CC	Capacitor Cover		1
	JMD40GH-86JB	Junction Box		1
	JMD40GH-86JBC	Junction Box Cover		1
111	GHD20PF-111	Double Rd. Hd. Key	6 x 6 x 30mm	1

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Parts List B - Gear Head - Power Downfeed (continued)

Base machine; retain model, voltage and serial-number applicability.

Ref.	Part number	Description	Size	Qty.
112	TS-0209031	Hex Socket Head Cap Screw	3/8”-16 x 3/4”	6
113	GHD20-89	Brass Fitting		1
114	TS-0561071	Hex Nut	5/8”-11	3
116	F008242	Hex Cap Screw	5/8”-11 x 2-1/4”	3
119	6126-1	Collar (threaded)		1
120	6125-1	Collar Nut		1
121	6125-2	Collar		1
124	JMD40GH-124	Lamp Assembly	110V	1
125	TS-2284352	Phillips Pan Head Machine Screw	M4-0.7x35L	2
126	GHD20-126	Lamp Base		1
127	TS-1503031	Hex Socket Head Cap Screw	M6x12L	2
150	TS-0561071	Hex Nut	5/8”-11	2
151	TS-0680081	Flat Washer	5/8”	2
201	2450001G	Head Body Cover		1
202	2450002G	Head Body Casting		1
218	2450008	Worm Gear		1
219	TS-1523011	Set Screw	M6 x 6	4
220	F006033	C-Ring, Internal	R35	4
227	2450014	Cover		1
233	GHD20PF-233	Screw	M4 x 25	1
235	2450020	Release Block		1
236	2450021	Small Pinion Shaft		1
237	2450022A	Cylindrical Key	M8x12	2
238	2450023	Worm Gear		1
239	2450024	Clutch Key Base		1

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Parts List B - Gear Head - Power Downfeed (continued)

Base machine; retain model, voltage and serial-number applicability.

Ref.	Part number	Description	Size	Qty.
241	2450026	Clutch Key		2
242	2450027	Spring Pin	Ø5x18L	2
243	2450028	Spring		2
244	GHD20PF-244	C-Ring, External	S25	1
246	2450030	Bushing Pin		1
247	2450031	Bushing Stop		1
248	2450032	Scale Base		1
249	GHD20PF-249	Rivet	ø2x4L	8
250	2450033	Scale Base Set Screw		1
254	2450037	Handle Hub		1
255	2450038N	Handle Rod		2
257	2450039	Handle Rod Pin		2
258	2450040	Washer		1
259	TS-1504021	Hex Socket Head Cap Screw	M8-1.25 x 12	1
265	GHD20PF-265	Double Rd. Hd. Key	5 x 5 x 32mm	1
266	2450045	Cover		1
268	TS-1502031	Hex Socket Head Cap Screw	M5-0.8 x 12	2
269	GHD20PF-269	Key	4 x 4 x 10mm	1
270	24500470	Handwheel		1
271	GHD20PF-271	Washer		1
272	TS-1503031	Hex Socket Head Cap Screw	M6-1.0 x 12	1
279	JMD40GH-279	Handle Assembly	5/16”	1
282	GHD20PF-282	Plug	7/8”	1
283	GHD20PF-283	Oil Seal		1

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Parts List B - Gear Head - Power Downfeed (continued)

Base machine; retain model, voltage and serial-number applicability.

Ref.	Part number	Description	Size	Qty.
287	GHD20PF-287	Spring Pin	4x16mm	2
291	2450051	Pin		1
293	HP309	Taper Pin	M6xø7 (1:48)	1
313	2450063	Handle		1
315	TS-0680011	Flat Washer	3/16”	2
332	GHD20PF-332	Pin		1
333	2450069	Dust Plate		1
339	JMD40GH-339	For/Rev Switch		1
340	GHD20-340	Screw		1
341	JMD40GH-341	Motor Cord	14AWGx5C 300V	1
342	JMD40GH-342	Power Cord	3x3.31mm2 12AWG, 5-20P	1
345	TS-0640081	Hex Nut	5/16”-18	1
346	GHD20PF-346	Manual Feed Knob		1
347	JMD40GHPF-347	Name Plate		1
	JET-92	JET Logo (not shown)	92x38MM	1
348	2450086A	Pinion Shaft		1
349	2450097	Clutch Key Pin	Ø7x23L mm	2
350	2450096	Clutch Screw		1
351	2450095	Clutch Nut		1
352	2450068G	Gear Box		1
353	2450081A	Gear Shaft		1
354	2450082A	Speed Change Lever		1
355	2450083A	Stop		1
356	2450084A	Spring Leaf		1
357	GHD20PF-357	Pin	Ø3x10L mm	2

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Parts List B - Gear Head - Power Downfeed (continued)

Base machine; retain model, voltage and serial-number applicability.

Ref.	Part number	Description	Size	Qty.
358	2450089A	Fixed Bushing		1
359	2450072A	Gear		1
360	2450071A	Gear		1
361	2450070A	Gear		1
362	2450074A	Washer		4
363	2450073A	Shaft		1
364	2450078A	Transmission Worm		1
365	2450075A	Gear		1
366	2450076A	Gear		1
367	2450077A	Gear		1
368	2450085A	Spacer Ring		1
369	2450079	Speed Lever		1
370	GHD20PF-370	Speed Scale		1
371	290089	Spring		1
372	SB-8MM	Steel Ball	8mm	1
373	2450087A	Clutch Bushing		1
374	GHD20-374	Flat Washer	1/2” x 7/8” x 2”	1
375	2450100	Washer		1
376	GHD20PF-376	E-Retainer Ring	E5	2
377	TS-0208071	Hex Socket Head Cap Screw	5/16”-18 x 1-1/4”L	4
378	CA6003ZZ	Ball Bearing		4
379	GHD20PF-379	Double Rd. Hd. Key	5 x 5 x 28L mm	1
380	GHD20PF-380	C-Ring		1
381	2450088A	Graduated Bottom Plate		1
	LM000286	Warning Label, Mill-Drills (not shown)		1

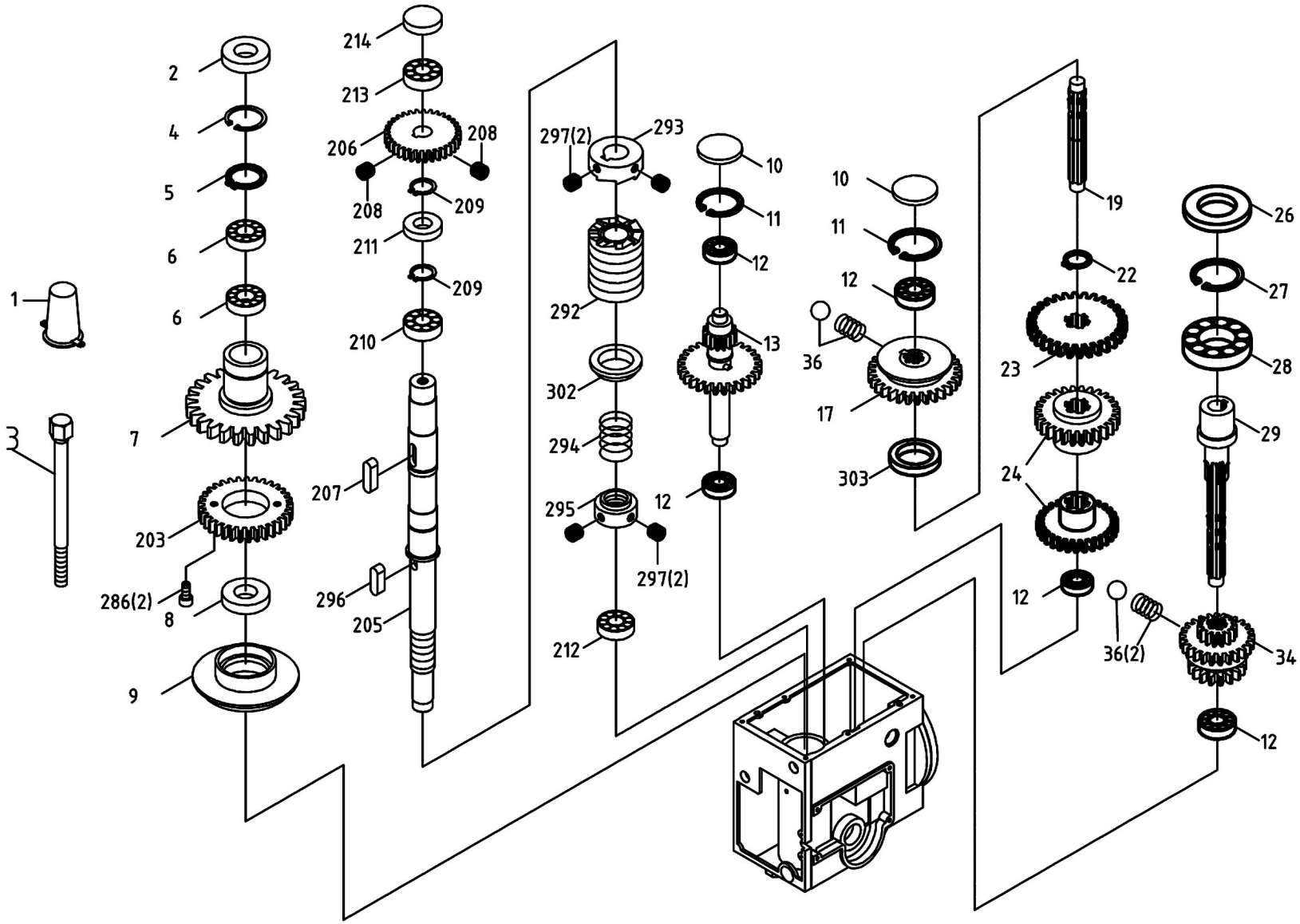
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Diagram C - Gears - Power Downfeed

Base machine; retain model, voltage and serial-number applicability.



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Parts List C - Gears - Power Downfeed

Base machine; retain model, voltage and serial-number applicability.

Ref.	Part number	Description	Size	Qty.
1	2401001-2	Main Shaft Cover		1
2	GHD20-28	Oil Seal		1
3	JMD45GH-03	Draw Bar	7/16”	1
4	GHD20-4	Retainer Ring, Internal	R68	1
5	GHD20PF-5	Retainer Ring, External	S40	1
6	BB-6008ZZ	Ball Bearing	6008ZZ	2
7	2401006	Idle Gear	53T	1
	2401006	Idle Gear (s/n 1910xxxx and higher)	53T/ 2-Slot	1
8	GHD20-7	Oil Seal		1
9	2401008	Oil Seal Ring		1
10	GHD20-9	Dust Cover		2
11	GHD20-10	C-Ring		2
12	BB-6002ZZ	Ball Bearing	6002ZZ	5
13	2401020A	Gear Shaft Assembly	15/41T	1
17	2401029N	Idle Gear	42/16T	1
19	2401031	Pinion Shaft (RE: T2401031BS)		1
	T2401031BS	Pinion Shaft w/Gear Assembly (includes #17,19,22,23,24,303)		1
22	GHD20-33	C-Ring, Ext	S18	1
23	2401055N	Idle Gear	44T	1
24	2401037N	Idle Gear (2piece)	35/28T	1
26	GHD20-50	Oil Seal		1
27	GHD20-42	C-Ring, Internal	R62	1
28	BB-6007ZZ	Ball Bearing	6007ZZ	1

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Parts List C - Gears - Power Downfeed (continued)

Base machine; retain model, voltage and serial-number applicability.

Ref.	Part number	Description	Size	Qty.
29	2401043	Pinion Shaft (RE: T2401043BS)		1
	T2401043BS	Pinion Shaft W/Gear Assembly (includes #29,34)		1
34	2401049N	Idle Gear (RE: T2401043BS)	15/31/23T	1
36	GHD20-30	Steel Ball W/ Spring	5/16”	3
203	2450003	Idle Gear	33T	1
205	2450004	Transmission Worm		1
206	2450005	Idle Gear	33T	1
207	GHD20PF-207	Double Rd. Hd. Key	5x5x16	1
208	TS-1523011	Set Screw	M6x6	2
209	GHD20PF-209	C-Ring, External	S17	2
210	BB-6003ZZ	Ball Bearing	6003ZZ	1
211	GHD20PF-211	Oil Seal		1
212	BB-6001ZZ	Ball Bearing	6001ZZ	1
213	BB-6202ZZ	Ball Bearing	6202ZZ	1
214	GHD20-214	Oil Seal Cover		1
286	TS-1502031	Hex Socket Head Cap Screw	M5x12	2
292	2450052	Worm Shaft		1
293	2450053	Clutch Block		1
294	2450054	Spring		1
295	2450055	Adjustable Bolt		1
296	GHD20PF-296	Key	5x5x10	1
297	GHD20PF-297	Set Screw	M5x5	4
302	2450057	Washer		1
303	2401192	Bushing		1

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