

POWERMATIC®

WMH TOOL GROUP

Operating Instructions and Parts Manual Spindle Shaper

Model 25A



WMH TOOL GROUP

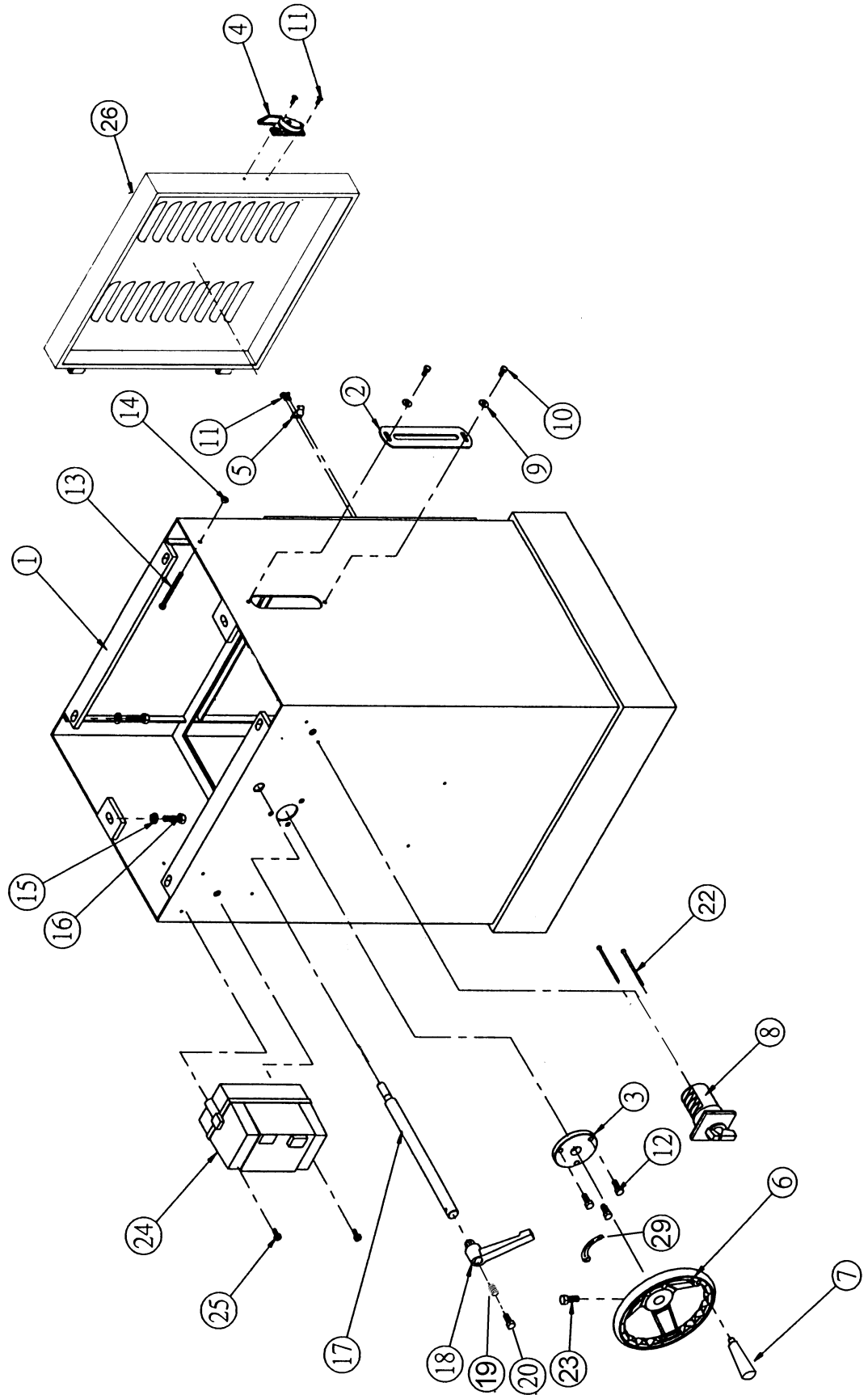
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Part No. M-0460249
Revision G 10/04
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PARTS LIST: **Base Assembly** (Model 25A)

NO.	PART NO.	DESCRIPTION	NO.	PART NO.	DESCRIPTION
1	6295368	Base	16	6295383	Hex Head Screw, 3/8" x 1-1/4"
2	6295369	Plate	17	6295384	Bar
3	6295370	Flange	18	6295385	Knob
4	6295371	Handle Catch	19	6295386	Spring
5	6295372	Catch	20	6295387	Bolt
6	6295373	Handwheel	22	6295548	Crosshead Bolt, M4 x 80mm
7	6295374	Handle	23	6295389	Hex Head Screw, 3/8" x 1"
8	6295375	For/Rev Switch, 5 HP 3 Ph	24	6295391	Switch Assembly, 5HP, 3Ph
	6295390	For/Rev Switch, 3 HP 1 Ph		6295549	Magnetic Control, 3 HP, 1 Ph
9	6295376	Washer 1/4"	25	6295392	Crosshead Bolt, M6 x 15mm
10	6295377	Hex Head Bolt, 1/4" x 1/2"	26	6295542	Door
11	6295378	Screw, 3/16" x 1/2"	29	6295543	Index Plate
12	6295379	Hex Head Bolt, 5/16" x 3/4"		6295521	On-Off Switch Box Only
13	6295380	Hex Screw, 1/4" x 3"		6295523	Thermal Relay
14	6295381	Hex Nut, 1/4"			
15	6295382	Spring Washer, 3/8"			

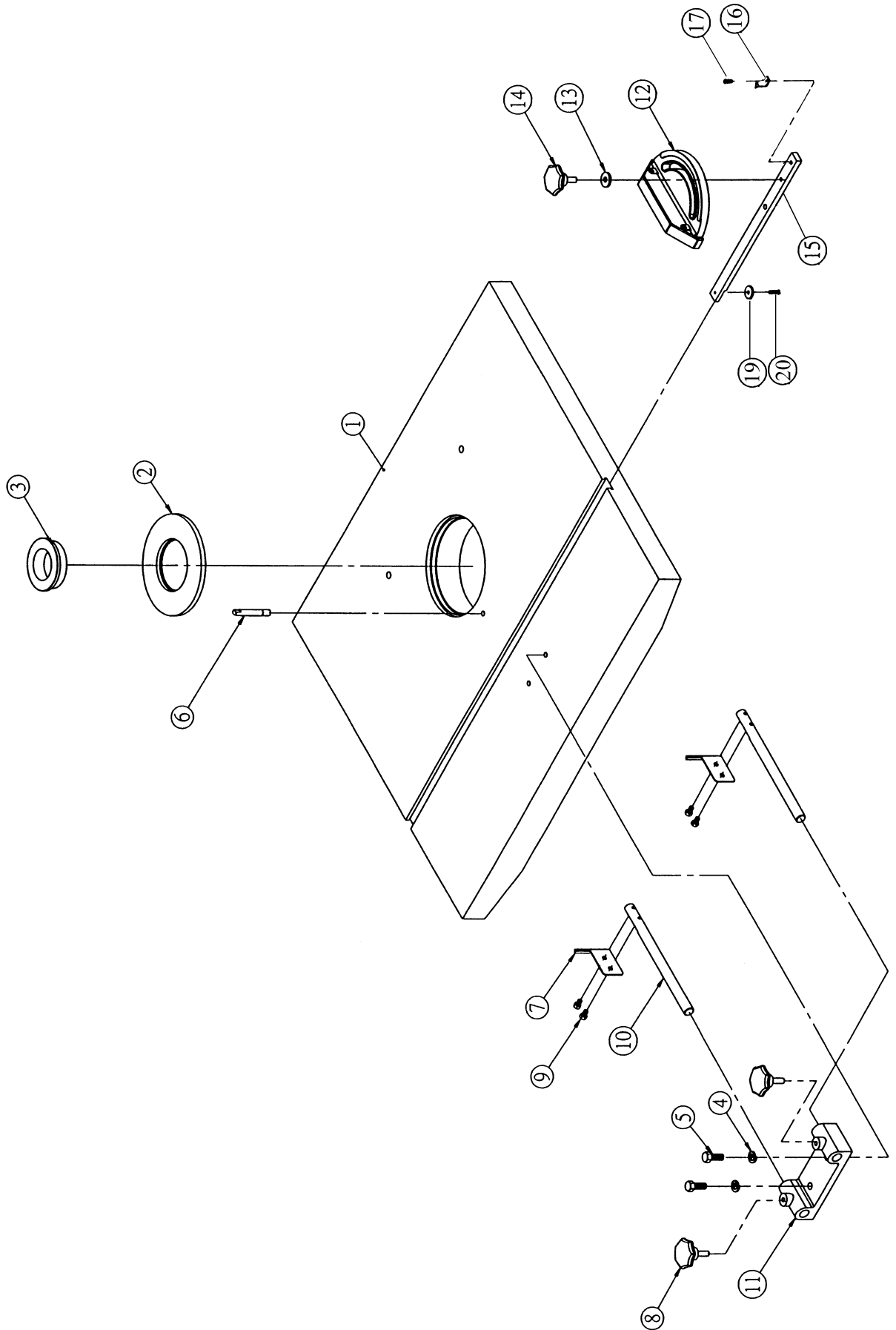
EXPLODED VIEW: **Base Assembly** (Model 25A)



PARTS LIST: **Table Assembly** (Model 25A)

NO.	PART NO.	DESCRIPTION	NO.	PART NO.	DESCRIPTION
1	6295393	Table	11	6295403	Bracket Support
2	6295394	Table Ring		6295524	Mitre Gauge Assembly (Items 12 thru 20)
3	6295395	Table Ring	12	6295404	Mitre Gauge
	6295525	Auxiliary Support Assembly (Items 4 & 5, 7 thru 11)	13	6295405	Washer, 5/16"
4	6295396	Spring Washer, 3/8"	14	6295406	Lock Knob
5	6295397	Hex Head Screw, 3/8" x 1"	15	6295407	Guide Bar
6	6295398	Starting Pin	16	6295535	Index Pointer
7	6295399	Spring Plate	17	6295536	Screw
8	6295400	Knob	19	6295538	Washer
9	6295401	Hex Head Bolt, 1/4" x 3/8"	20	6295539	Screw
10	6295402	Rod			

EXPLODED VIEW: **Table Assembly (Model 25A)**



PARTS LIST: **Spindle Seat Assembly** (Model 25A)

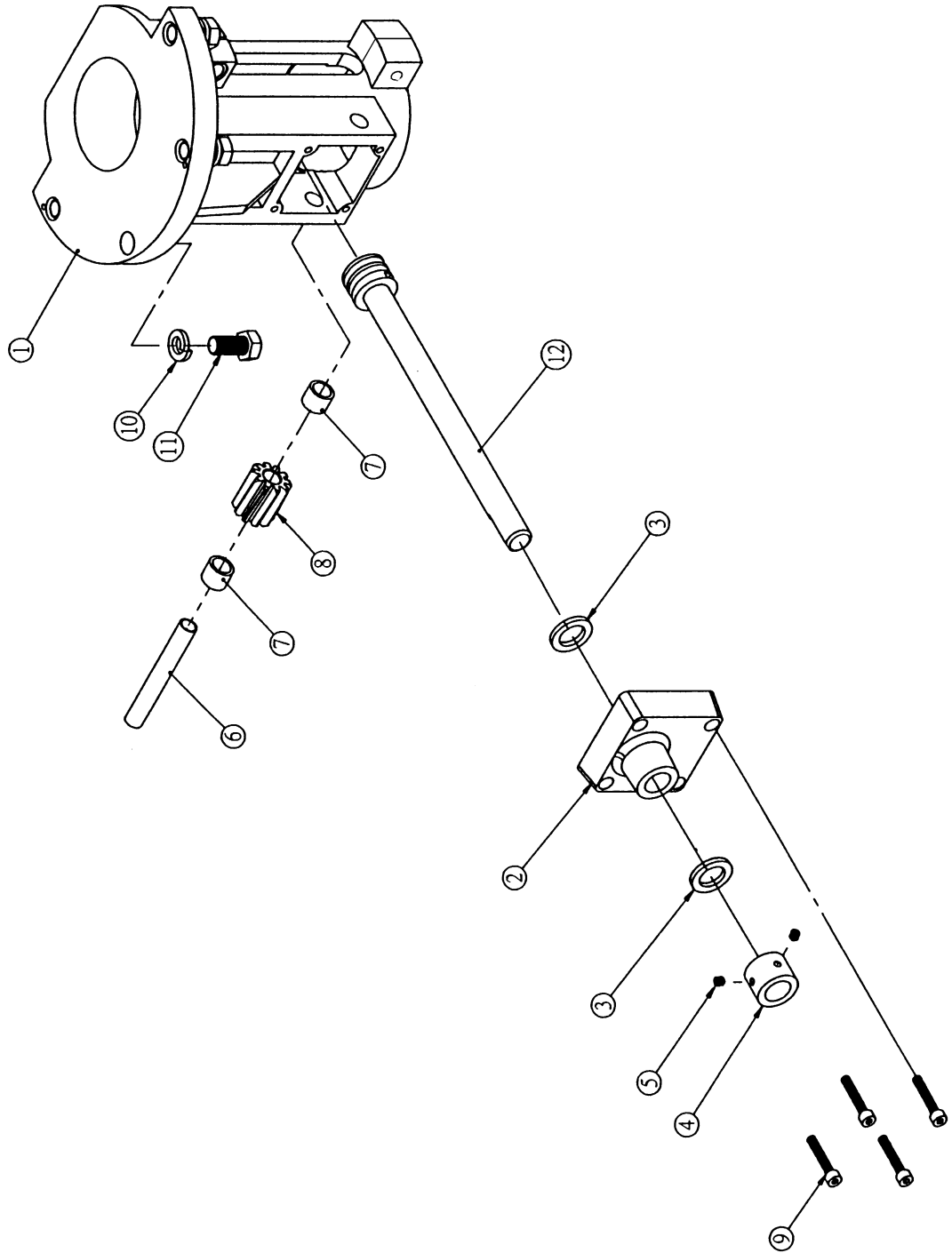
NO.	PART NO.	DESCRIPTION
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1	6295408	Housing
2	6295409	Worm Gear Housing
3	6295410	Bushing
4	6295411	Sleeve
5	6295412	Set Screw
6	6295413	Shaft

NO.	PART NO.	DESCRIPTION
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7	6295414	Bushing
8	6295415	Helical Gear
9	6295416	Hex Cap Bolt
10	6295417	Spring Washer, 1/2"
11	6295418	Hex Screw, 1/2"
12	6295419	Worm

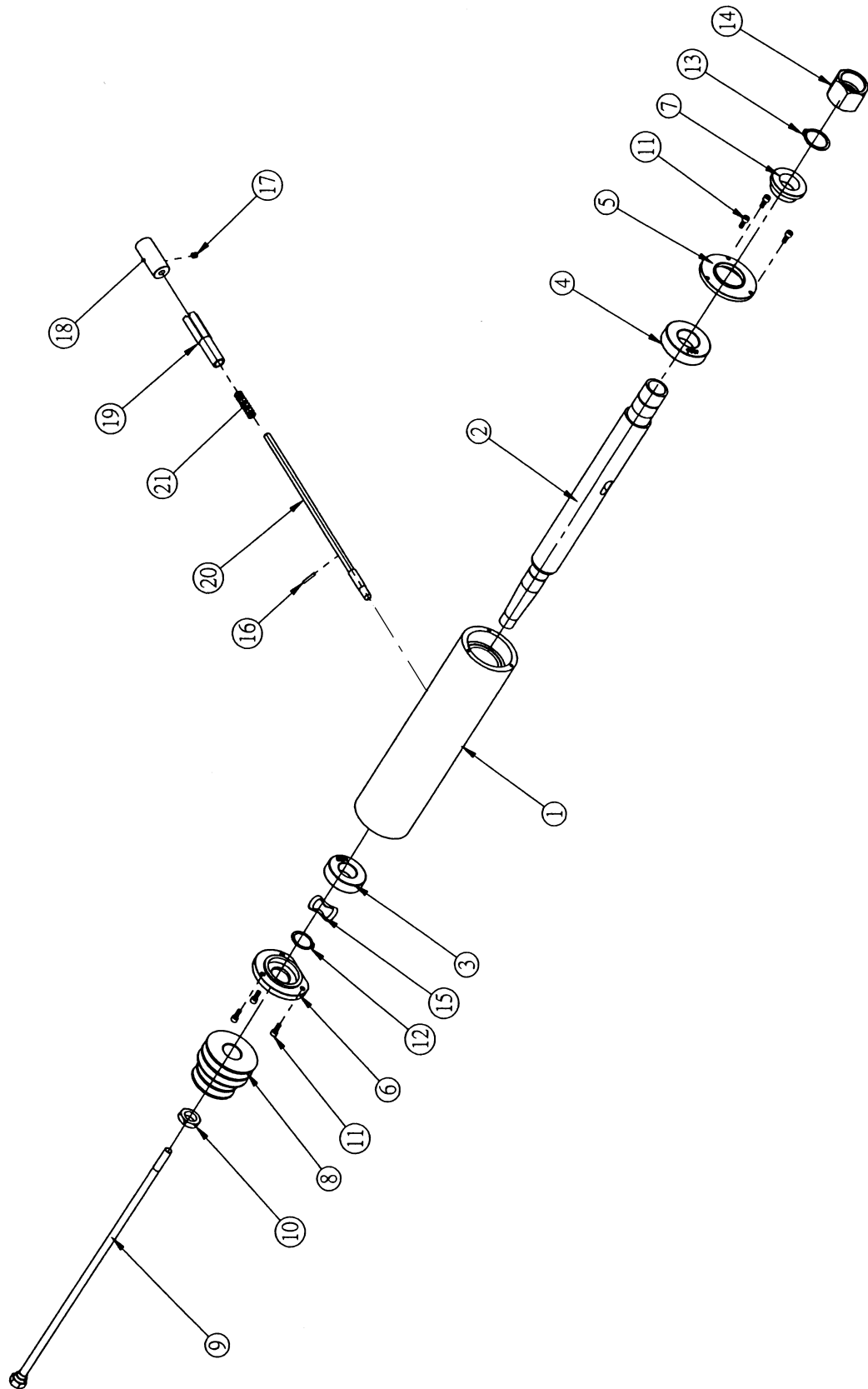
EXPLODED VIEW: **Spindle Seat Assembly** (Model 25A)



PARTS LIST: **Spindle Assembly** (Model 25A)

NO.	PART NO.	DESCRIPTION	NO.	PART NO.	DESCRIPTION
	6295527	Quill & Spindle Assembly, (Items 1 thru 7, 11 thru 15)	11	6295430	Screw, 3/16" x 1/2"
1	6295420	Quill	12	6295431	C Retainer Ring
2	6295421	Main Spindle	13	6295432	C Ring
3	6290751	Bearing 6205Z	14	6295433	Lock Nut
4	6295423	Bearing 6206Z	15	6295434	Spring Band
5	6295424	Spindle Collar		6295526	Rod Assembly (Items 16 thru 21)
6	6295425	Down Spindle Collar	16	6295435	Spring Pin
7	6295426	Front Spindle Collar	17	6295436	Set Screw, 1/4" x 1/4"
8	6295427	Pulley	18	6295437	Rod Sleeve
9	6295428	Tie Rod	19	6295438	Brake Casing
10	6295429	Nut	20	6295439	Rod
			21	6295440	Spring

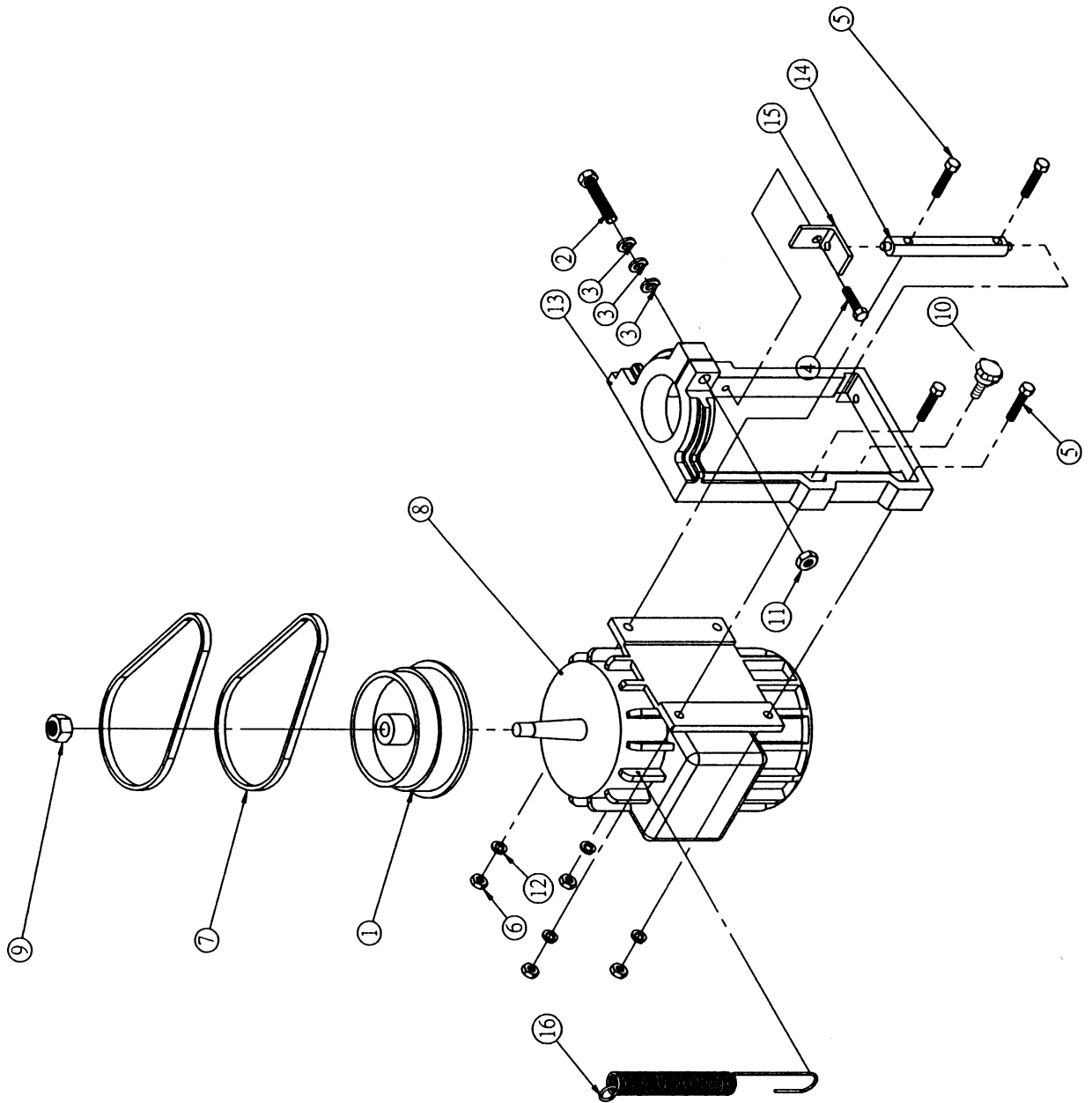
EXPLODED VIEW: **Spindle Assembly** (Model 25A)



PARTS LIST: **Motor Bracket Assembly (Model 25A)**

NO.	PART NO.	DESCRIPTION	NO.	PART NO.	DESCRIPTION
	6295528	Motor Bracket Assembly, (Items 1 thru 16)	9	6295450	Hex Nut, 3/4"
1	6295441	Motor Pulley	10	6295451	Knob 3/8" x 2-1/2"
2	6295442	Hex Head Bolt, 1/2" x 2-1/2"	11	6295452	Hex Nut, 1/2"
3	6295443	Spring Washer	12	6295453	Spring Washer, 3/8"
4	6295444	Hex Screw, 3/8" x 1-1/2"	13	6295454	Motor Bracket
5	6295445	Hex Head Bolt, 3/8" x 1-3/4"	14	6295455	Rod Truss
6	6295446	Hex Nut, 3/8"	15	6295456	L-Bracket
7	6295447	V-Belt	16	6295457	Spring
8	6295448	Motor, 3 HP, 1 Ph			
	6295449	Motor, 5 HP, 3 Ph			

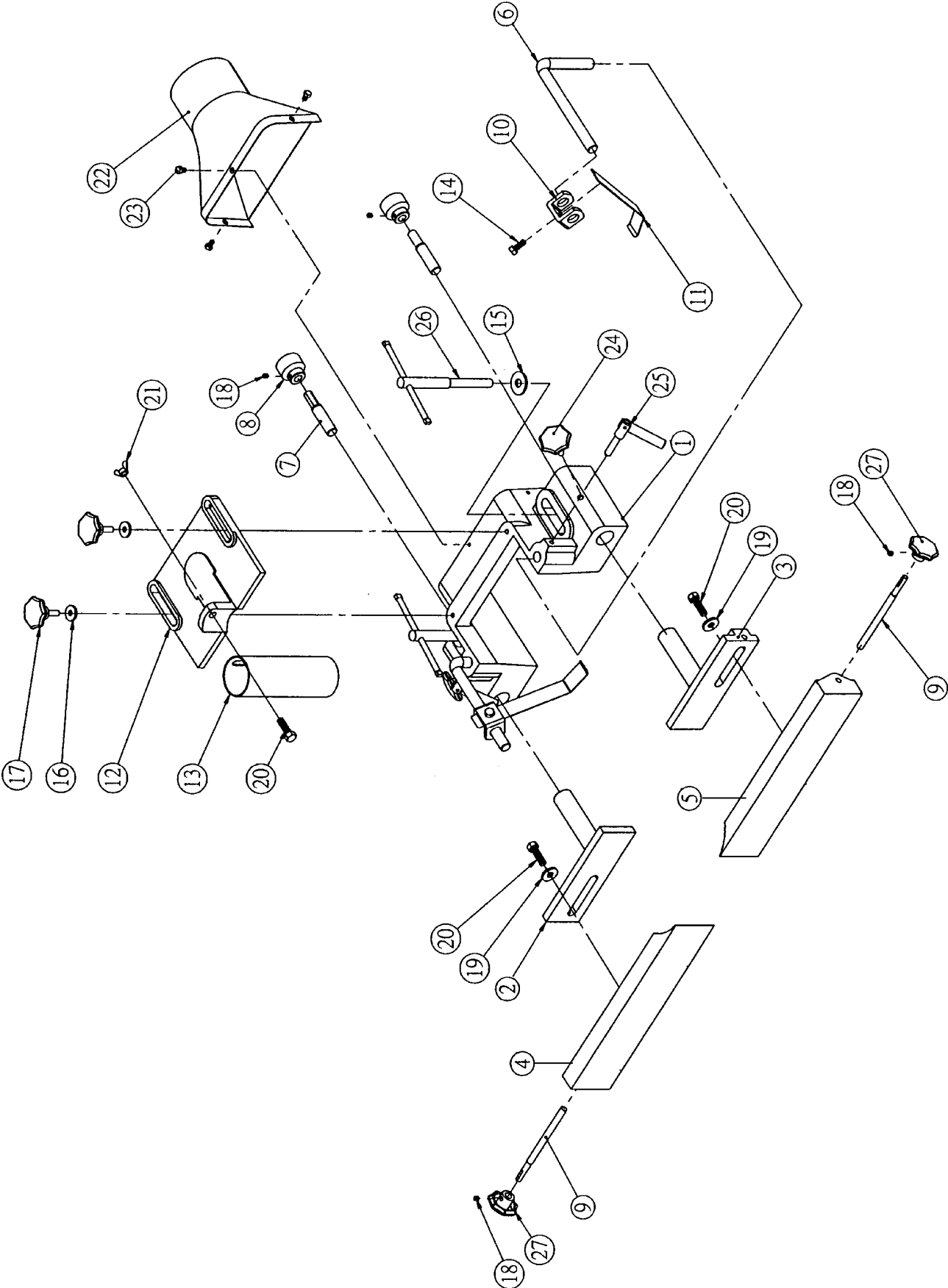
EXPLODED VIEW: **Motor Bracket Assembly (Model 25A)**



PARTS LIST: Fence Frame Assembly (Model 25A)

NO.	PART NO.	DESCRIPTION	NO.	PART NO.	DESCRIPTION
	6295529	Fence Assembly (Items 1 thru 5, 7 thru 9, 12, 13, and 15 thru 27)	13	6295470	Spindle Guard
1	6295458	Fence Frame	14	6295471	Hex Head Bolt, 5/16" x 3/4"
2	6295459	Fence (L)	15	6295472	Washer, 1/2"
3	6295460	Fence (R)	16	6295473	Washer, 5/16"
4	6295461	Guide Plate (L)	17	6295474	Knob, 5/16" x 1"
5	6295462	Guide Plate (R)	18	6295475	Set Screw, 1/4" x 1/4"
	6295530	Work Hold-Down Assembly (Items 6, 10, 11, 14)	19	6295476	Washer, 3/8"
6	6295463	Rod	20	6295477	Hex Head Screw, 3/8" x 1-1/4"
7	6295464	Screw	21	6295478	Wing Nut, 3/8"
8	6295465	Adjustment Knob	22	6295479	Dust Hood
9	6295466	Rod	23	6295480	Hex Head Bolt, 1/4" x 3/8"
10	6295467	Slide Block	24	6295481	Lock Knob, 5/16" x 7/8"
11	6295468	Guide Plate	25	6295482	Locking Handle
12	6295469	Fence Frame Plate	26	6295483	Lock Rod
			27	6295484	Knob, 1/2"

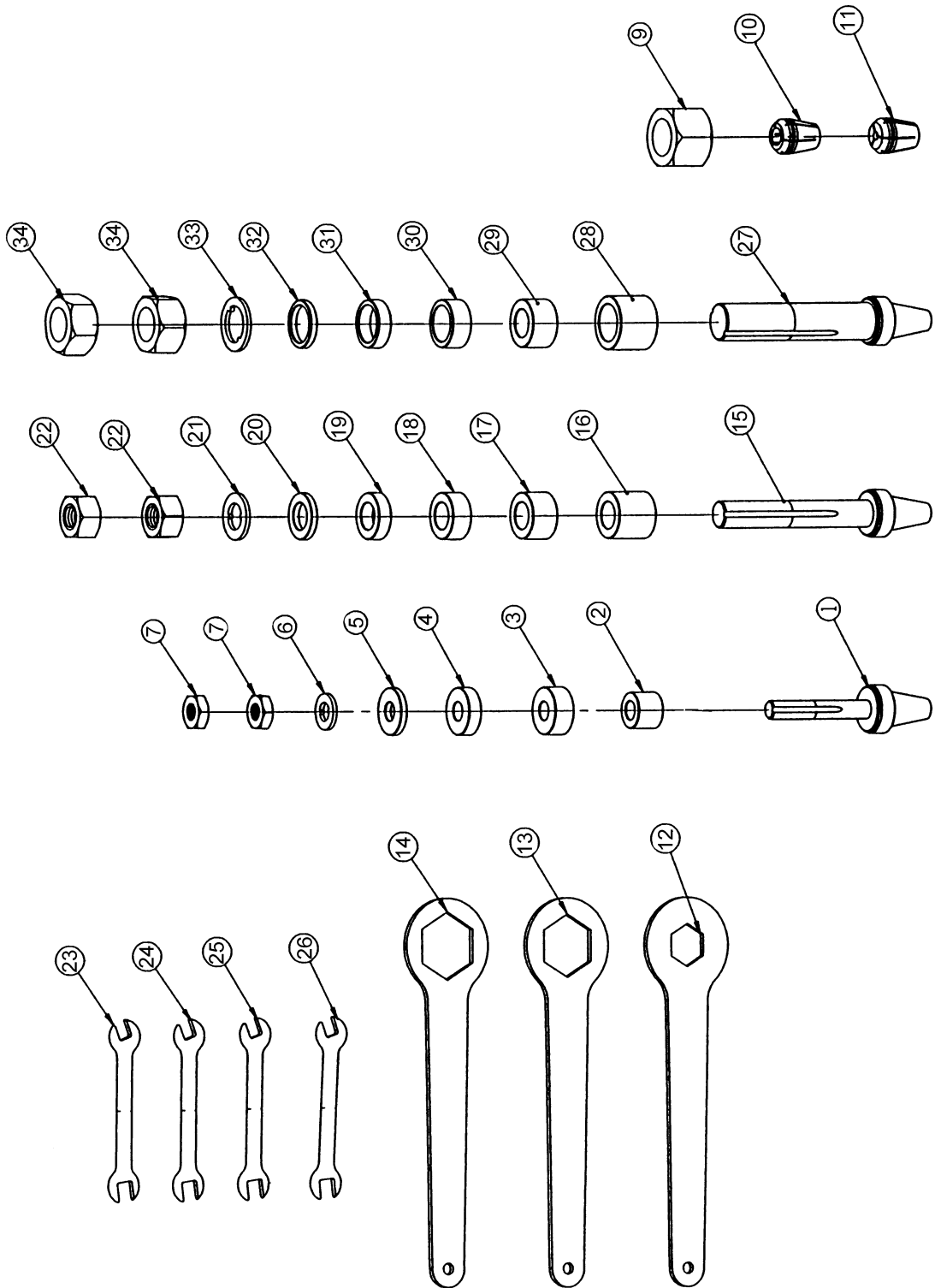
EXPLODED VIEW: Fence Frame Assembly (Model 25A)



PARTS LIST: Spindle Assemblies (Model 25A)

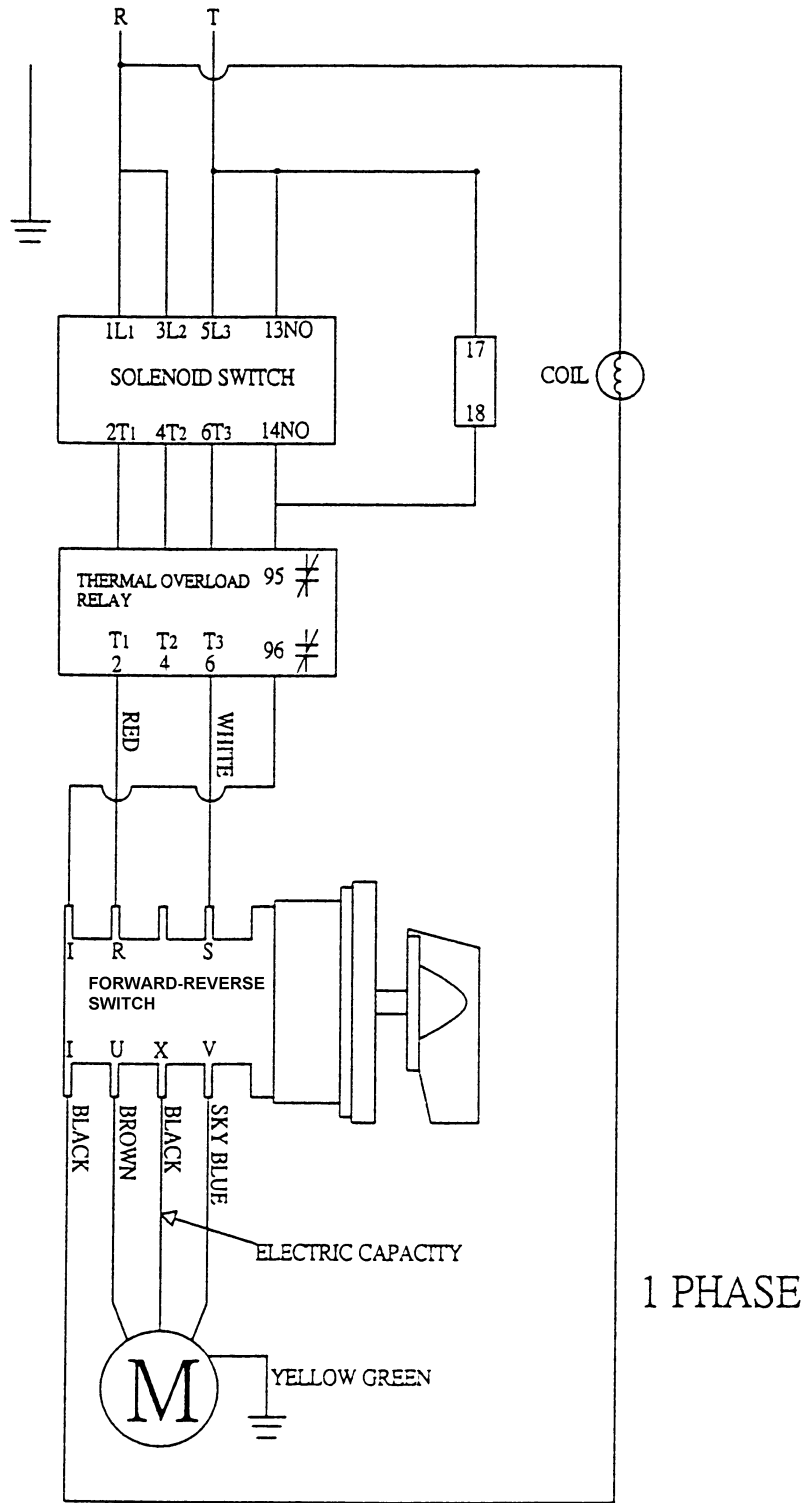
NO.	PART NO.	DESCRIPTION	NO.	PART NO.	DESCRIPTION
	6295531	1/2" Spindle Assembly (Items 1 thru 8)	18	6295500	Spacer Washer, 3/4" x 15mm
1	6295513	Spindle, 1/2"	19	6295501	Spacer Washer, 3/4" x 10mm
2	6295487	Spacer Washer, 1/2" x 20mm	20	6295502	Spacer Washer, 3/4" x 5mm
3	6295488	Spacer Washer, 1/2" x 15mm	21	6295503	Lock Washer
4	6295489	Spacer Washer, 1/2" x 10mm	22	6295505	Hex Nut, 3/4"
5	6295490	Spacer Washer 1/2" x 5mm	23	6295506	Spanner Wrench, 10-12
6	6295491	Lock Washer	24	6295507	Spanner Wrench, 12-14
7	6295492	Hex Nut, 1/2"	25	6295508	Spanner Wrench, 17-19
9	6295493	Router Nut	26	6295509	Spanner Wrench, 19-21
10	6295494	Router Collet, 1/2"		6295533	1" Spindle Assembly (Items 27 thru 34)
11	6295495	Router Collet, 1/4"	27	6295486	Spindle, 1"
12	6295496	Spanner Wrench, 26mm	28	6295512	Spacer Washer, 1" x 30mm
13	6295497	Spanner Wrench, 38mm	29	6295515	Spacer Washer, 1" x 15mm
14	6295498	Spanner Wrench, 41mm	30	6295514	Spacer Washer, 1" x 20mm
	6295532	3/4" Spindle Assembly (Items 15 thru 22)	31	6295519	Spacer Washer, 1" x 10mm
15	6295485	Spindle, 3/4"	32	6295516	Spacer Washer, 1" x 5mm
16	6295499	Spacer Washer, 3/4" x 30mm	33	6295517	Lock Washer
17	6295504	Spacer Washer, 3/4" x 20mm	34	6295518	Hex Nut, 1"

EXPLODED VIEW: Spindle Assemblies (Model 25A)



1" Spindle Assy. 6295533
3/4" Spindle Assy. 6295532
1/2" Spindle Assy. 6295531

ELECTRICAL SCHEMATIC (Model 25A)



ELECTRICAL SCHEMATIC (Model 25A)

