

JET

**JWL-2442-M
JWL-2424-M**

WOOD LATHE

**JWL-2442-M.....1~230V, 50Hz
JWL-2424-M.....1~230V, 50Hz**

PARTS LIST

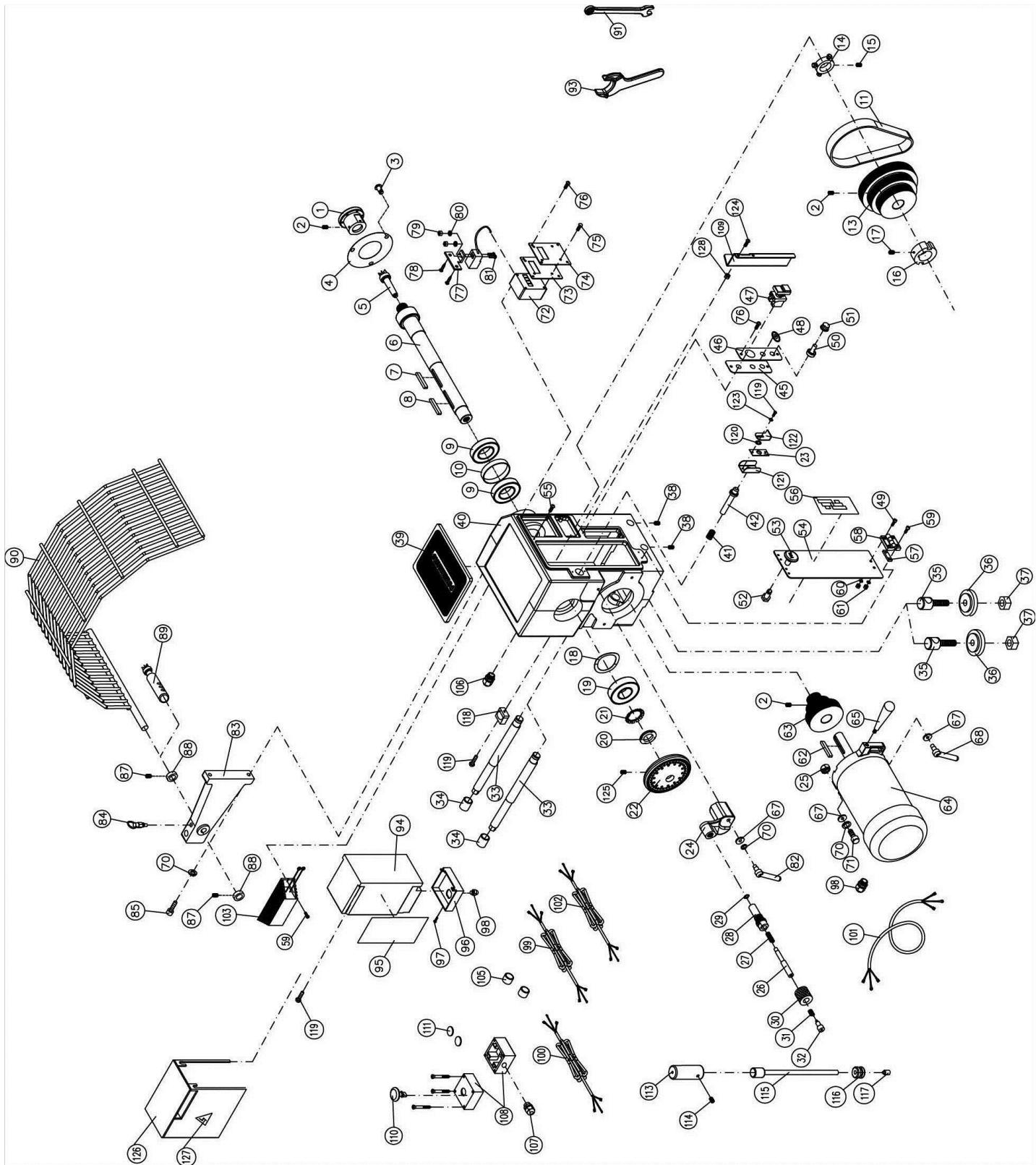
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Parts List for the JWL-2442-M / JWL-2424-M Woodworking Lathe

Headstock Assembly – Exploded View



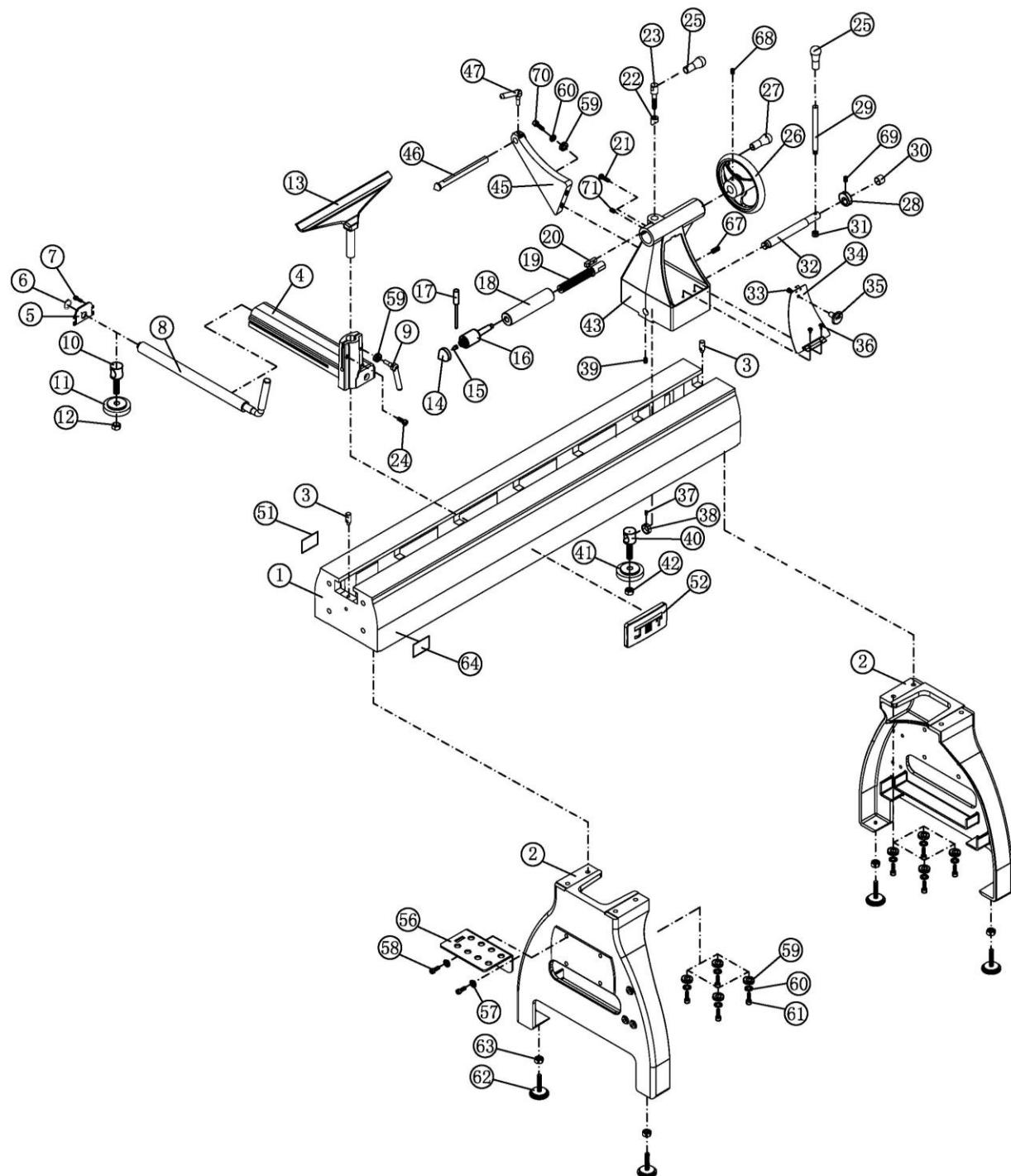
Headstock Assembly – Parts List

Index No	Part No	Description	Size	Qty
1	6294736E	Faceplate with set screws.....	3"	1
2	6295796	Nylon Insert Socket Set Screw	1/4-20 x 3/8"	6
3	TS-0253031	Socket Head Button Screw.....	#10-24 x 1/2"	3
4	6295799E	Front Plate.....		1
5	6294725	Spur Center.....	MT2	1
6	4224B-106E	Spindle	M33x3.5mm	1
7	4224B-107	Key	6 x 6 x 90 mm	1
8	4224B-108	Key	6 x 6 x 35 mm	1
9	BB-6209ZZ	Ball Bearing.....	6209ZZ	2
10	4224B-110	Spacer.....		1
11	4224B-111	Belt	290J	1
13	4224B-113	Spindle Pulley		1
14	4224B-114	RPM Sensor Collar		1
15	TS-0270031	Set Screw.....	5/16"-18 x 3/8"	2
16	4224B-116	Spindle Lock Collar		1
17	TS-0267021	Set Screw.....	1/4"-20 x 1/4"	2
18	4224B-118	Wave Washer.....		1
19	BB-6308ZZ	Ball Bearing.....	6308ZZ	1
20	4224B-120	Spanner Nut.....		1
21	4224B-121	Spanner Lock Washer		1
22	4224B-122	Handwheel		1
23	3520A-294	Label		1
24	4224B-123E	Index Bracket		1
25	TS-0640091	Nylon Nut	3/8"-16	1
	4224B-IPA	Index Pin Assembly (includes #26 thru 32)		1
26	4224B-126	Index Pin		1
27	6295822	Spring		1
28	6295817	Index Bushing		1
29	4224B-129	C-Ring	S-8	1
30	6295819	Knurled Locking Knob		1
31	6295820	Spring		1
32	6295821	Hex Socket Bolt		1
33	4224B-133	Headstock Locking Cam		2
34	6095038	Bushing	7/8" x 1" x 7/8"	2
35	3058001	Clamp Bolt.....		2
36	4224B-136	Cam Locking Disc		2
37	6520009	Nylon Nut	5/8"-11	2
38	4224B-138	Set Screw	#10-24 x 1"	2
39	3520B-209	Headstock Mat		1
40	4224B-140E	Headstock Main Casting		1
41	6813062	Spring		1
42	3601006	Spindle Lock Plunger		1
45	JWL2442M-145E	Control Panel Cover Plate		1
46	JWL2442M-146E	Control Panel Label		1
47	4224B-147E	On/ Off Switch		1
48	4224B-148	Switch Fwd/Rev		1
49	6708019	Socket Head Cap Screw.....	#8-32 x 5/8"	2
50	6295915	Potentiometer with wiring leads		1
51	6430047	Knob		1
52	TS-1490021	Hex Cap Screw	M8 x 16	1
53	6295717	Knob		1
54	4224B-154E	Access Door		1
55	TS-081C022	Pan Head Screw	#10-24x3/8"	1
56	4224B-156E	Speed Label		1

Index No	Part No	Description	Size	Qty
57	6295911	Pad		1
58	6365012	Door Hinge		1
59	6710015	Socket Head Cap Screw	#10-24 x 1/2"	4
60	6860704	Lock Washer	#8	2
61	6508007	Nut	#8-32	2
62	6294761	Key	6 x 6 x 45 mm	1
63	4224B-163	Motor Pulley		1
64	4224B-164E	Motor	3HP 3PH	1
65	4224B-165	Handle		1
67	TS-0680041	Flat Washer	3/8"	3
68	4224B-168	Lock Handle		1
70	TS-0720091	Lock Washer	3/8"	4
71	TS-0209091	Socket Head Cap Screw	3/8"-16 x 2"	1
72	JWL1642-130A	Digital Readout (DRO)		1
	JWL1642-130S	Sensor for Digital Readout (not shown)		1
73	3520B-238E	DRO Mounting Plate		1
74	3520B-239E	DRO Cover Plate		1
75	JWL1642-127	Pan Head Self-Tapping Screw	M3 x 10	4
76	TS-0253031	Socket Head Button Screw	#10-24 x 1/2"	7
77	4224B-177	Bracket		1
78	JWL1642-134	Pan Head Self-Tapping Screw	1/4" x 1/2"	2
79	4224B-179	Nylon Nut	M3	2
80	TS-2361031	Lock Washer	M3	2
81	6295838	Phillips Round Head Machine Screw	M3 x 20	2
82	4224B-182	Lock Handle		1
83	4224B-183E	Guard Bracket		1
84	6644005	Plunger		1
85	TS-0209061	Socket Head Cap Screw	3/8"-16 x 1-1/2"	2
87	TS-0270011	Set Screw	5/16"-18 x 1/4"	2
88	6143004	Retaining Collar		2
89	4224B-189	Spindle Comparator Spur Center		1
90	6294747E	Guard		1
91	4224B-191	Combination Wrench	19mm	1
93	6294744E	Face Plate Wrench	2"	1
94	4224B-194E	Inverter		1
95	3520B-293	Inverter Caution Label		2
96	3520B-233E	Bottom Cover		1
97	3520B-296	Phillips Pan Head Machine Screw	M3-0.5P x 10	3
98	JWL1642-196E	Strain Relief	PG-13.5	4
99	3520B-222E	Control Panel Cord		1
100	6295765E	Remote Switch Cord		1
101	6294790E	Motor Cord		1
102	6294787E	Power Cord		1
103	JWL1642-169A	Braking Resistor		1
105	3520B-295	Cord Snap Ring		2
106	4224B-1106	Strain Relief	M16	1
	6294733AE	Remote Switch Assembly (Includes #100, 107 thru 111)		1
107	6295914E	Strain Relief	PG 11	2
108	6295761E	Remote Switch Box		1
109	4224B-1109E	Safety Guard		1
110	6296760E	Remote Switch		1
111	4224B-1112	Magnet		2
	4224B-KRA	Knockout Rod Assembly (includes #113 thru 117)		1
113	3520B-288	Slide Hammer		1
114	TS-0267041	Set Screw	1/4"-20 x 3/8"	2

Index No	Part No	Description	Siz	Qty
115	4224B-1115.....	Rod.....		1
116	3520B-291.....	Collar		1
117	3520B-292.....	Brass Tip		1
118	4224B-1118.....	Cord Holder.....		1
119	TS-0206031	Socket Head Cap Screw.....	#10-24 x 5/8"	5
120	4224B-143.....	Wave Washer.....		1
121	6294786E.....	Spindle Lock Guard		1
122	4224B-1122E	Spindle Lock Tab		1
123	TS-069204	Flat Washer.....	#10	1
124	TS-2245252	Socket Head Button Screw	M5x30	2
125	TS-1523031	Set Screw.....	M6 x 10	2
126	3520B-297E	Inverter Box.....		1
127	3520A-289E	Label		1
128	TS-1540031	Hex Nut	M5	2

Bed and Leg Assembly – Exploded View

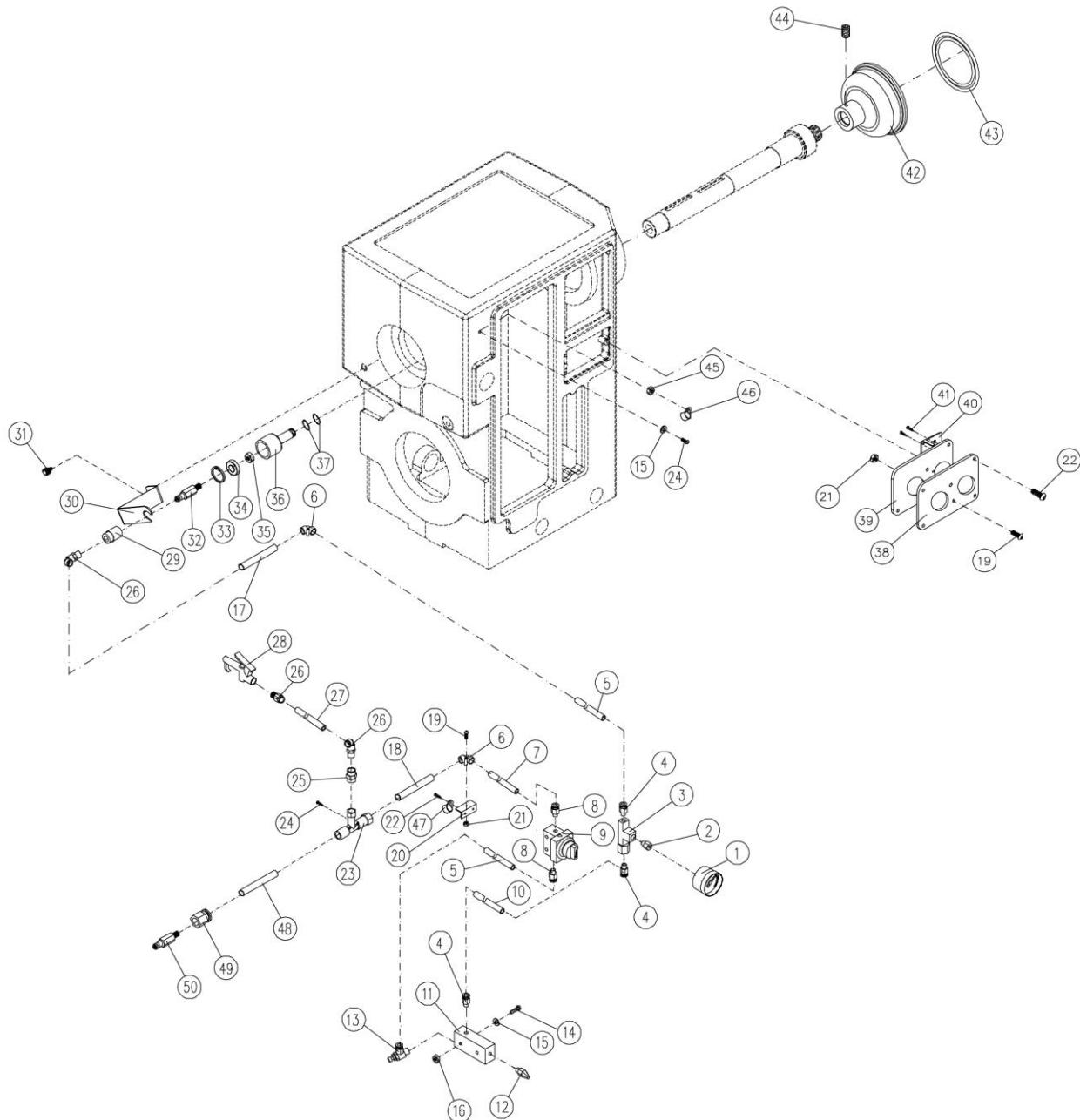


Bed and Leg Assembly – Parts List

Index No	Part No	Description	Size	Qty
1	4224B-201E	Bed	63"	1
	2424-201E	Bed	45"	1
2	4224B-202E	Leg		2
3	6295754	Stop Bolt		2
4	4224B-204E	Tool Rest Base		1
5	4224B-205	End Cover		1
6	3520B-106	C-Ring	S-22	1
7	TS-0206021	Socket Head Cap Screw	#10-24 x 1/2"	4
8	4224B-208	Tool Support Cam		1
9	4224B-209	Lock Handle		1
10	3520B-110	Clamp Bolt		1
11	6294770	Cam Locking Disc		1
12	TS-0650081	Nylon Lock Hex Nut	3/4"-10	1
13	6294742E	Tool Support	14"	1
	6295902	Live Center Assembly (includes #14 thru 17)		1
14	6295905	Live Center Cap		1
15	6295904	Live Center Tip		1
16	6295903	Live Center Body		1
17	6295906	Live Center Rod		1
18	4224B-218	Quill		1
19	4224B-219	Lead Screw		1
20	4224B-220	Key		1
21	TS-0253031	Socket Head Button Screw	#10-24 x 1/2"	2
22	3728005	Quill Lock Sleeve		1
	4224B-LBA	Lock Bolt Assembly (includes #23 and 25)		1
23	4224B-223	Lock Bolt		1
24	TS-0209061	Socket Head Cap Screw	3/8"-16 x 1-1/4"	1
25	4224B-165	Lock Handle		2
26	4224B-226E	Handwheel		1
27	3520B-126	Swivel Handle		1
28	4224B-228	Eccentric Collar		1
29	4224B-229	Rod		1
30	6095038	Bushing	7/8" x 1" x 7/8"	1
31	TS-0640091	Nylon Lock Nut	3/8"-16	1
32	4224B-232	Eccentric Cam		1
33	TS-1490021	Hex Bolt	M8 x 16	1
34	3520B-134E	Storage Cover Plate		1
35	6295717	Knob		1
36	TS-0253031	Socket Head Button Screw	#10-24 x 1/2"	2
37	TS-0270011	Set Screw	5/16"-18 x 1/4"	1
38	3096003	Collar		1
39	4224B-138	Set Screw	#10-24 x 1"	1
40	3058001	Clamp Bolt		1
41	4224B-136	Cam Locking Disc		1
42	6520009	Nylon Nut	5/8"-11	1
43	4224B-243E	Tailstock Casting		1
45	4224B-245E	Comparator Bracket		1
46	3520B-151	Comparator Dead Center		1
47	4224B-247	Lock Handle	3/8" x 1-1/4"	1
51	JWL2442M-251E	I.D. Label	JWL-2442-M	1
	JWL2424M-251E	I.D. Label	JWL-2424-M	1
52	JET-113	JET nameplate Label		1

Index No	Part No	Description	Size	Qty
56	4224B-256.....	Tool Caddy		1
57	TS-0720111	Lock Washer	1/2"	2
58	4224B-258.....	Socket Head Cap Screw.....	1/2"-12 x 1"	2
59	TS-0680041	Flat Washer.....	3/8"	11
60	TS-0720091	Lock Washer	3/8"	10
61	TS-0209071	Socket Head Cap Screw	3/8"-16 x 1-1/2"	8
62	4224B-262.....	Leveling Foot.....		4
63	4224B-263.....	Hex Nut	1/2"-12.....	4
64	6294773P	Warning Label	97 x 70mm	1
67	4224B-267.....	Ball Plunger.....		1
68	TS-0270031	Set Screw.....	5/16"-18 x 3/8"	2
69	TS-0267021	Set Screw.....	1/4"-20 x 1/4"	1
70	TS-0209061	Socket Head Cap Screw	3/8"-16 x 1-1/4"	2
71	TS-0267041	Set Screw.....	1/4"-20 x 3/8"	1
.....	4224B-TAE.....	Tailstock Assembly Complete (includes #18-23,25-43,67-69,71)		1
.....	4224B-HP.....	Hardware Package (includes all parts below).....		
.....	TS-0680041	Flat Washer.....	3/8"	10
.....	TS-0720091	Lock Washer	3/8"	12
.....	TS-0209071	Socket Head Cap Screw	3/8"-16 x 1-1/2"	10
.....	TS-0209061	Socket Head Cap Screw	3/8"-16 x 1-1/4"	2
.....	TS-0720111	Lock Washer	1/2"	2
.....	4224B-258.....	Socket Head Cap Screw	1/2"-12 x 1"	2

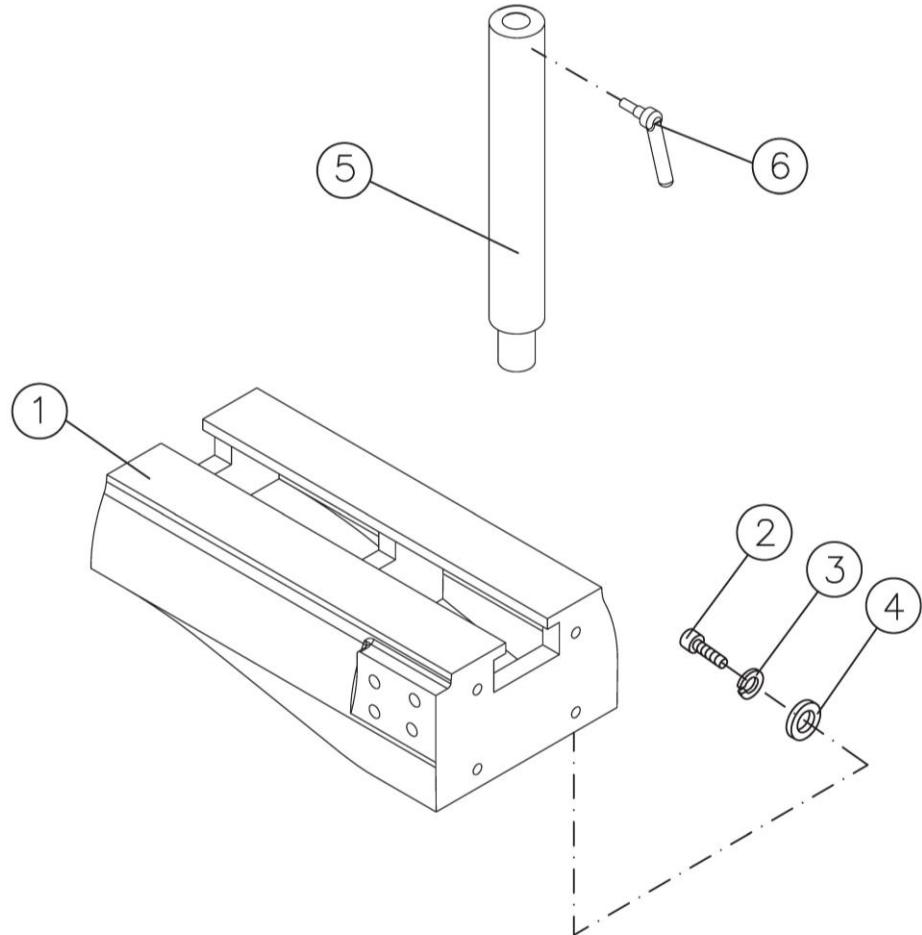
Vacuum System – Exploded View



Vacuum System – Parts List

Index No	Part No	Description	Size	Qty
1	4224B-401	Pressure Vacuum Gauge.....		1
2	4224B-402	Gauge Fitting.....		1
3	4224B-403	Tee Fitting		1
4	4224B-404	Quick Release Fitting..... 1/4" NPT.....		3
5	4224B-405	Air Line 350mm.....		2
6	4224B-406	Elbow Fitting.....		2
7	4224B-407	Air Line 390mm.....		1
8	4224B-408	Quick Release Fitting 1/8" NPT.....		2
9	4224B-409	Vacuum Switch		1
10	4224B-410	Air Line 230mm.....		1
11	4224B-411	Vacuum Generator with Silencer		1
12	4224B-412	Silencer		1
13	4224B-413	Air Flow Regulator		1
14	4224B-414	Socket Head Button Screw M4-0.7Px45.....		2
15	TS-1550021	Flat Washer..... M4.....		3
16	TS-1541001	Nylon Nut M4.....		2
17	4224B-417	Air Line 800mm.....		1
18	4224B-418	Air Line 110mm.....		1
19	4224B-419	Socket Head Button Screw M3x20		3
20	4224B-420E	Bracket		1
21	TS-1540011	Hex Nut M3		3
22	TS-0253031	Socket Head Button Screw #10-24x1/2"		6
23	4224B-423	Tee Fitting		1
24	4224B-424	Socket Head Button Screw M4-0.7Px25.....		3
25	4224B-425	Union		1
26	4224B-426	Elbow Fitting..... 1/4" NPT.....		3
	4224B-BGS	Air Blow Gun Set (includes #27 thru 28).		1
27	4224B-427	Air Line 3M		1
28	4224B-428	Air Blow Gun		1
29	4224B-429	Coupler..... 1/4" NPT.....		1
30	4224B-430E	Support Bracket		1
31	4224B-431	Lock Knob		1
	4224B-VAA	Vacuum Adaptor Assembly (includes #32 thru 37).		1
32	4224B-432	Male Adaptor		1
33	4224B-433	C-Ring R-32		1
34	BB-6201VV	Ball Bearing 6201VV		1
35	4224B-435	Nylon Nut M12-1.75P		1
36	4224B-436	Vacuum Adaptor Body		1
37	4224B-437	O-Ring O12		2
38	4224B-438E	Vacuum Face Plate		1
39	4224B-439E	Face Plate		1
40	4224B-440	Bracket		1
41	4224B-441	Pan Head Screw M3x6		2
	4224B-VCAE	Vacuum Chuck Assembly (includes #42 thru 44)		1
42	4224B-442E	Vacuum Chuck		1
43	4224B-443	Seal		1
44	6295796	Nylon Insert Socket Set Screw 1/4-20x3/8"		2
45	TS-1540021	Hex Nut M4		1
46	JWL1642-183	Air Line Clamp		1
47	4224B-447	Air Line Clamp.....		1
48	4224B-448	Air Line 600mm.....		1
	4224B-CFPS	Coupler Fitting Plug Set (includes #49 thru 50)		1
49	4224B-449	Female Straight Fitting		1
50	4224B-450	Coupler Fitting Plug, Male		1

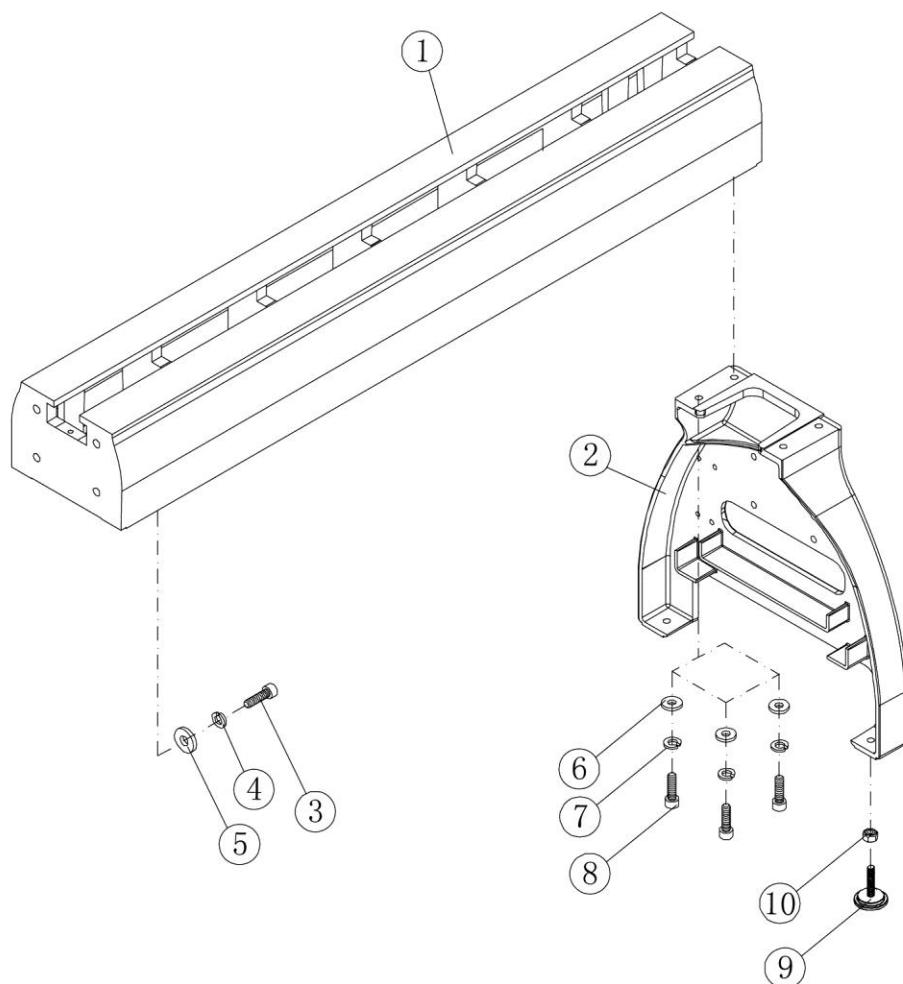
20-inch Extension Bed Kit (Optional Accessory) – Exploded View



20-inch Extension Bed Kit (*Optional Accessory*) – Parts List

Index No	Part No	Description	Size	Qty
1	6294905E	20" Extension Bed (includes #1 thru #6..)		1
2	4224B-502	Socket Head Cap Screw	1/2"-12x2"	7
3	TS-0720111	Lock Washer	1/2"	6
4	TS-0680061	Flat Washer	1/2"	4
5	6295853	Tool Rest Post		1
6	6294763	Lock Handle		2

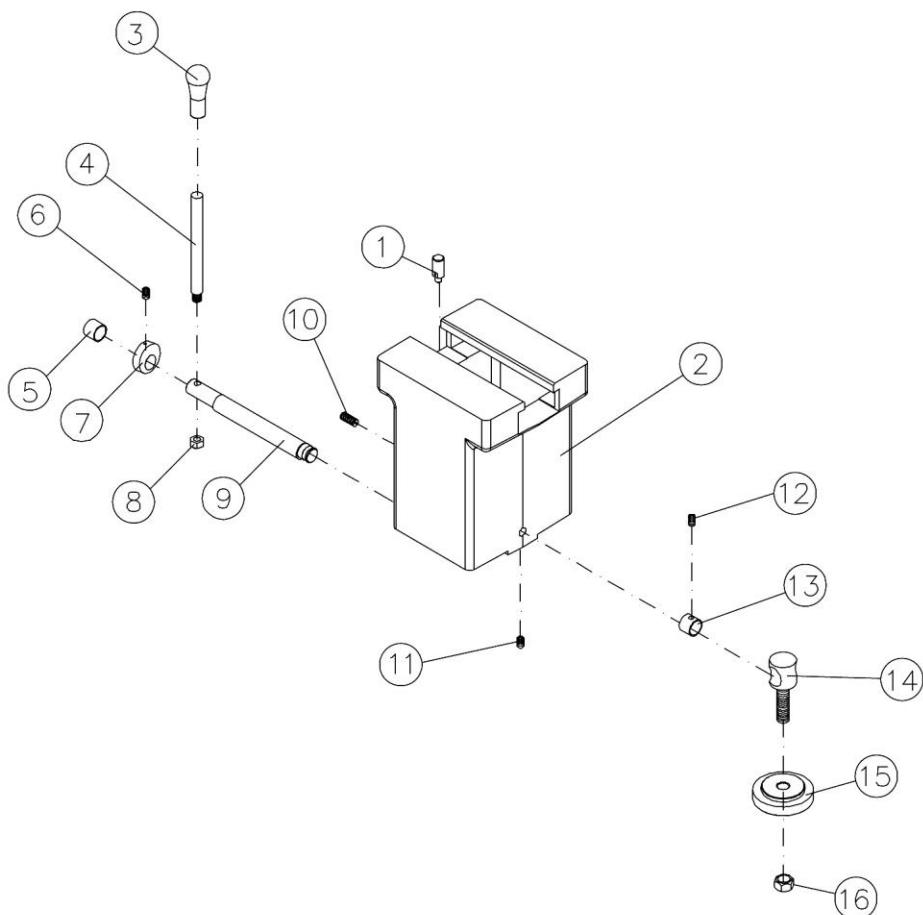
63-inch Extension Bed Assembly (*Optional Accessory*) – Exploded View



63-inch Extension Bed Assembly (*Optional Accessory*) – Parts List

Index No	Part No	Description	Size	Qty
	6294904E	63" Extension Bed with Leg (includes #1 thru 10)	1
1	4224B-201E	Bed.....		1
2	4224B-202E	Leg		1
3	4224B-502	Socket Head Cap Screw.....	1/2"-12x2"	4
4	TS-0720111	Lock Washer	1/2"	4
5	TS-0680061	Flat Washer.....	1/2"	4
6	TS-0680042	Flat Washer.....	3/8"	4
7	TS-0720091	Lock Washer	3/8"	4
8	TS-0209071	Socket Head Cap Screw.....	3/8"-16x1-1/2"	4
9	4224B-262	Leveling Foot.....		2
10	4224B-263	Hex Nut	1/2"-12	2

Tailstock Riser Block Assembly (*Optional Accessory*) – Exploded View



Tailstock Riser Block Assembly (*Optional Accessory*) – Parts List

Index No	Part No	Description	Size	Qty
	6294903E	Tailstock Riser Block Assembly (includes #1 thru 16)		
1	6295754	Stop Bolt		1
2	.4224B-602E	Riser Block Casting		1
3	.4224B-165	Lock Handle		1
4	.4224B-229	Rod		1
5	.6095038	Bushing		1
6	TS-0267021	Set Screw	1/4"-20x1/4"	1
7	.4224B-228	Eccentric Collar		1
8	TS-0640091	Nylon Nut	3/8"-16	1
9	.4224B-232	Eccentric Cam		1
10	.4224B-267	Ball Plunger		1
11	.4224B-138	Set Screw	#10-24x1"	1
12	TS-0270011	Set Screw	5/16"-18x1/4"	1
13	.3096003	Collar		1
14	.3058001	Bolt		1
15	.4224B-136	Cam Locking Disc		1
16	.6520009	Nylon Nut	5/8"-11	1

JWL-2442-M.....1~230V, 50Hz
JWL-2424-M.....1~230V, 50Hz

	colour of strands	Litzenfarben	couleur des cordons
BK	black	schwarz	noir
WH	white	weiß	blanc
BU	blue	blau	bleu
YE	yellow	gelb	jaune
RD	red	rot	rouge
BN	brown	braun	brun
GY	grey	grau	gris
GNYE	green-yellow	grün-gelb	vert-jaune
OG	orange	orange	orange
VT	violet	violett	violet

	meaning of symbol	Bedeutung der Zeichen	interprétation
M	motor	Motor	moteur
S	switch	Schalter	interrupteur
C	condenser	Kondensator	condensateur
E	electronic unit	Elektronik Einheit	unité électronique
F	fuse	Sicherung	fusible
RS	reversing switch	Drehrichtungsschalter	commu. droite/gauche
S	centrifugal switch	Fliehkraftschalter	déclencheur centrifuge
OL	overload cut-off	Überlastschutzschalter	déclencheur surcharge
LS	limit switch	Positionendschalter	micro

