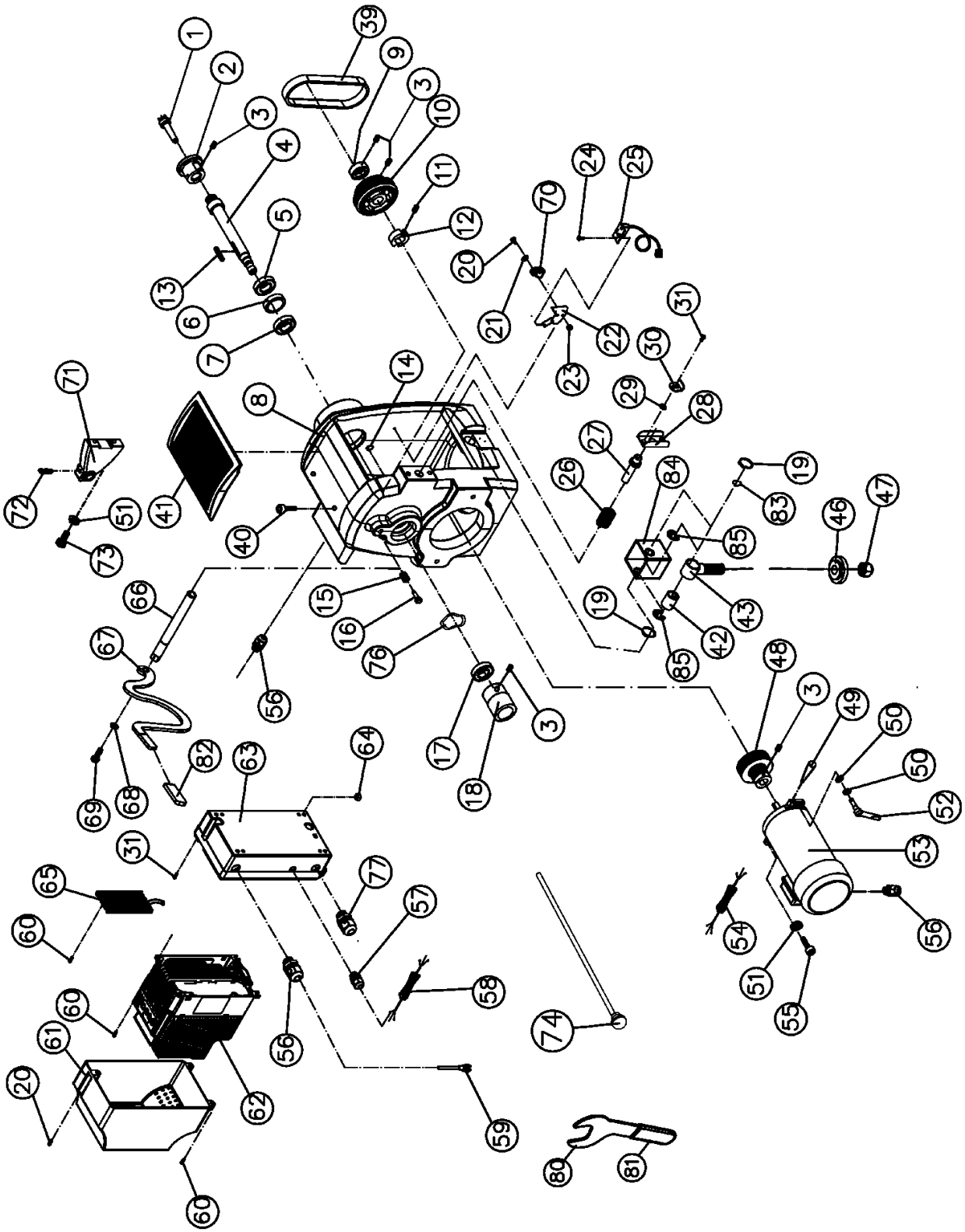
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Diagram A - JWL-1640EVS Headstock Assembly

Original JET parts reference | Match model, voltage and serial-number notes

14.1.1 JWL-1640EVS Headstock Assembly – Exploded View



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Parts List A - JWL-1640EVS Headstock Assembly

Original JET parts reference | Match model, voltage and serial-number notes

Ref.	Part number	Description	Size	Qty.
1	JT9-JWL1642-102	Spur Center	MT2	1
2	JT9-6294736	Faceplate	3”	1
3	JT9-6295796	Nylon Insert Socket Set Screw	1/4-20x3/8”	10
4	JT9-JWL1640EVS-104	Spindle		1
5	JT9-BB-6207VV	Bearing	6207-LLB	1
6	JT9-3520B-208	Bushing		1
7	JT9-BB-6207ZZ	Bearing	6207ZZ	1
8	JT9-WL1640EVS-108A	Headstock Casting, Sliding		1
9	JT9-JWL1640EVS-109	Sensor Collar		1
10	JT9-JWL1640EVS-110	Spindle Pulley		1
11	JT9-TS-0270031	Set Screw	5/16”-18x3/8”	2
12	JT9-JWL1642-174	Locking Collar		1
13	JT9-JWL1640EVS-113	Key	8 x 8 x 80	1
14	JT9-JWL1640EVS-114	C-Ring	S-8	1
15	JT9-JWL1640EVS-115	Spring		1
16	JT9-JWL1640EVS-116	Index Pin		1
17	JT9-BB-6205ZZ	Bearing	6205ZZ	1
18	JT9-JWL1640EVS-118	Handwheel		1
19	JT9-JWL1640EVS-119	C-Ring	S-19	4
20	JT9-TS-081C052	Pan Head Screw	#10-24x3/4”	4
21	JT9-TS-069204	Flat Washer	#10	1
22	JT9-JWL1640EVS-122	Cover for Sensor		1
23	JT9-TS-0560071	Hex Nut	#10-24	3
24	JT9-TS-2283102	Pan Head Screw	M3x10	2

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Parts List A - JWL-1640EVS Headstock Assembly (continued)

Original JET parts reference | Match model, voltage and serial-number notes

Ref.	Part number	Description	Size	Qty.
25	JT9-JWL1640EVS-125	Sensor for Spindle		1
26	JT9-JWL1442-116	Spring		1
27	JT9-JWL1640EVS-127	Spindle Lock Pin		1
28	JT9-JWL1442-121	Bracket		1
29	PM9-4224B-143	Resist Washer		1
30	JT9-4224B-1122E	Sliding Plate		1
31	JT9-TS-0253031	Socket Head Button Screw	#10-24x1/2”	6
39	JT9-JWL1640EVS-139	Belt	208J-8	1
40	JT9-JWL1640EVS-140	Socket Head Cap Screw	10#-24x1/4”	2
41	JT9-JWL1640EVS-141	Cushion		1
42	JT9-JWL1442-127	Bushing		1
43	JT9-JWL1442-128A	Bolt		1
46	JT9-JWL1442-154	Clamp		1
47	JT9-TS-0650081	Nylon Nut	3/4”-10	1
48	JT9-JWL1640EVS-148	Motor Pulley		1
49	PM9-4224B-165	Handle		1
50	JT9-TS-0680041	Flat Washer	3/8”	2
51	JT9-TS-0720091	Lock Washer	3/8”	3
52	JT9-6350031	Lock Handle		1
53	JT9-JWL1640EVS-153	Motor		1
54	JT9-JWL1642-172	Motor Cord		1
55	JT9-TS-0209051	Socket Head Cap Screw	3/8”-16x1”	1
56	JT9-JWL1440-141	Strain Relief	M16	3
57	JT9-JML-70E	Strain Relief	PG9	1

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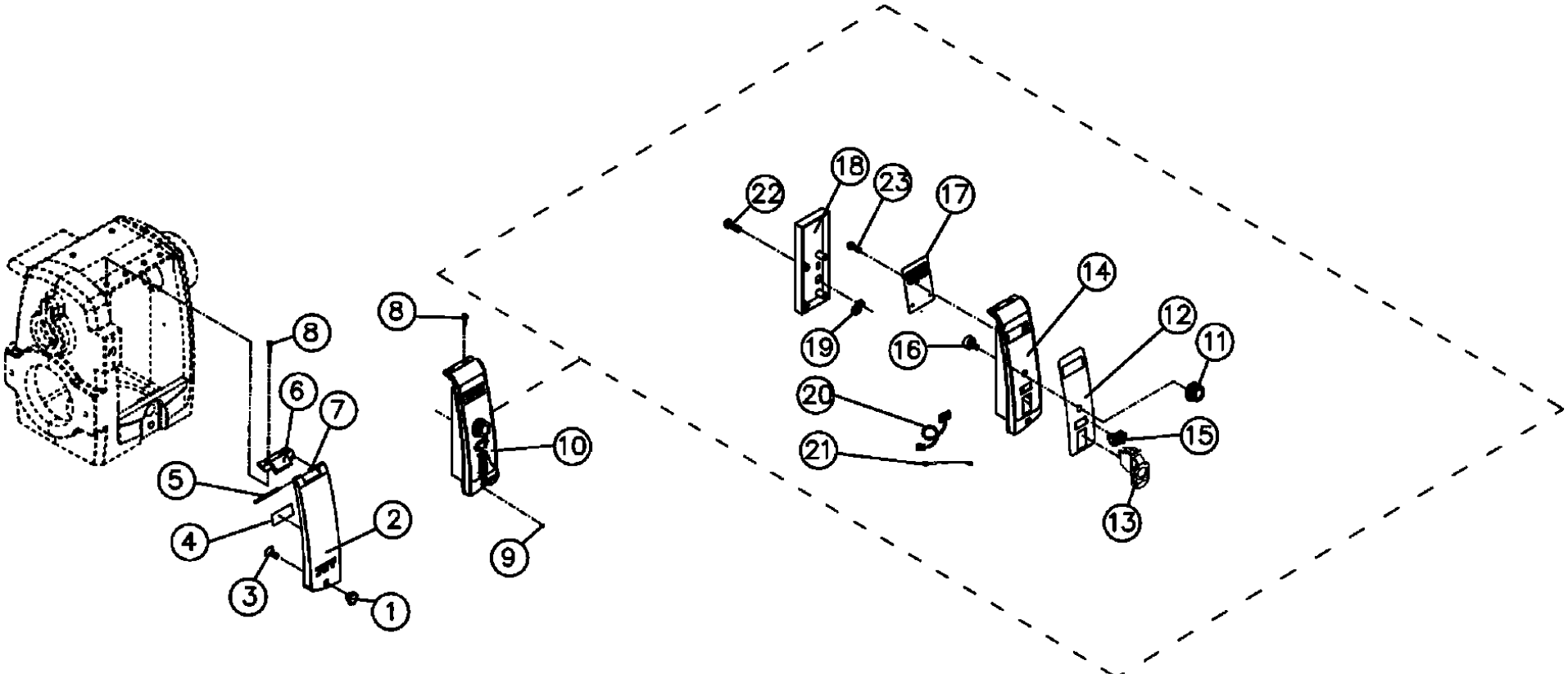
Parts List A - JWL-1640EVS Headstock Assembly (continued)

Original JET parts reference | Match model, voltage and serial-number notes

Ref.	Part number	Description	Size	Qty.
58	JT9-JWL1640EVS-158	Signal Cord		1
59	JT9-JWL1640EVS-159	Power Cord		1
60	JT9-JWL1640EVS-160	Pan Head Screw	#10 - 24 x1”	8
61	JT9-JWL1640EVS-161	Inverter Upper Cover		1
62	JT9-JWL1640EVS-162	Inverter	VFD007E11A	1
63	JT9-JWL1640EVS-163	Inverter Lower Box		1
64	JT9-TS-0560071	Hex Nut	#10-24	7
65	JT9-JWL1642-169	Braking Resistor		1
66	JT9-WL1640EVS-166A	Eccentric Rod		1
67	JT9-JWL1640EVS-167	Handle with Rubber Grip (includes #82)		1
68	JT9-TS-0680041	Flat Washer	3/8”	1
69	JT9-TS-0209011	Socket Head Cap Screw	3/8”-16x1/2”	1
70	JT9-JWL1642-183	Clamp		2
71	JT9-JWL1640EVS-171	Safety Guard Bracket		1
72	JT9-6644005	Plunger		1
73	JT9-JWL1640EVS-173	Hex Bolt	3/8”-16 x 1-3/8”	2
74	JT9-JWL1442-164	Knock Out Rod		1
76	JT9-JWL1442-108	Wave Washer		1
77	JT9-JWL1642-196E	Strain Relief	PG 13.5	1
80	JT9-JWL1221VS-269E	Wrench (includes #81)		1
81	JT9-JWL1221VS-270	Rubber Grip		1
82	JT9-JWL1640EVS-182	Rubber Grip		1
83	JT9-JWL1840EVS-193	Wave Washer	BWW-629	1
84	JT9-JWL1840EVS-194	Lock Block		1
85	JT9-JWL1840EVS-195	E-Ring	ETW-17	2

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14.2.1 JWL-1640EVS Controller Assembly – Exploded View



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Parts List B - JWL-1640EVS Controller Assembly

Original JET parts reference | Match model, voltage and serial-number notes

Ref.	Part number	Description	Size	Qty.
1	JT9-JWL1640EVS-201	Knob		1
2	JT9-JWL1640EVS-202	Access Door (With Magnets)		1
3	JT9-TS-2248252	Socket Head Button Screw	M8-1.25Px25	1
4	JT9-LM000171	Speed Label		1
5	JT9-JWL1640EVS-205	Pin		1
6	JT9-JWL1640EVS-206	Hinge		1
7	JT9-JWL1640EVS-207	O- Ring		1
8	JT9-TS-0253031	Socket Head Button Screw	#10-24x1/2”	4
9	JT9-JWL1640EVS-160	Pan Head Screw	#10-24x1”	1
10	JT9-JWL1640EVS-CA	Controller Assembly (includes #11 thru 23)		1
11	**	Variable Speed Knob		1
12	JT9-LM000066	Control Panel Label		1
13	JT9-JWL1640EVS-213	Main Switch		1
14	JT9-JWL1640EVS-214	Control Front Cover (includes #12)		1
15	PM9-4224B-148	Switch Fwd/Rev		1
16	JT9-6295915	Control Pot Assembly		1
17	JT9-JWL1640EVS-217	PC Board		1
18	JT9-JWL1640EVS-218	Back Box		1
19	JT9-JWL1221VS-320	Strain Relief		1
20	JT9-JWL1640EVS-220	Signal Cord (inverter to control box)		1
21	JT9-JWL1640EVS-221	Connection Cord (Spindle Sensor to PC board)		1
22	JT9-TS-2284082	Machine Screw	M4x8	4
23	JT9-TS-2171012	Machine Screw	M4x6	4

** These parts are shown for reference only and are not available for order individually. Non-proprietary parts, such as fasteners, can usually be found at local hardware stores.

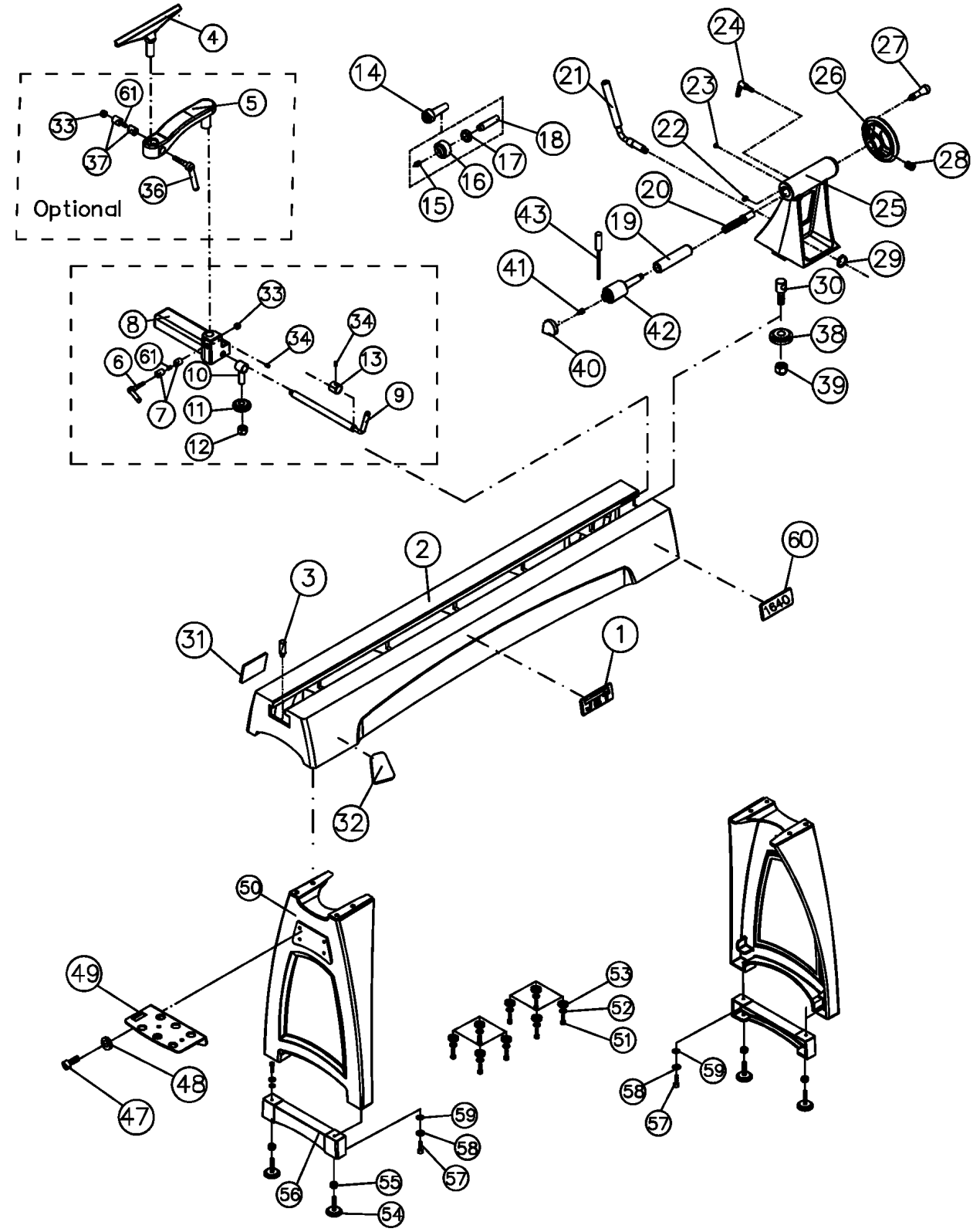
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Diagram C - JWL-1640EVS Bed and Stand Assemblies

Original JET parts reference | Match model, voltage and serial-number notes

14.3.1 JWL-1640EVS Bed and Stand Assemblies – Exploded View



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Parts List C - JWL-1640EVS Bed and Stand Assemblies

Original JET parts reference | Match model, voltage and serial-number notes

Ref.	Part number	Description	Size	Qty.
1	**	JET Stripe		1
2	JT9-JWL1440-202	Bed		1
3	JT9-JWL1440-203	Stud		2
4	JT9-JWL1642-211	Tool Rest	14"	1
	JT9-JWL1440-TREA	Optional Tool Rest Extension Assembly (includes #5, 33, 36, 37)		1
5	JT9-JWL1440-205	Tool Rest Extension, Optional		1
	JT9-JWL1440-TBA	Tool Rest Base Assembly (includes #6 thru 13, 33,34)		1
6	JT9-JWL1440-206	Handle		1
7	JT9-JWL1440-207	Tool Rest Lock Bushing Set		1
8	JT9-JWL1440-208	Tool Rest Base		1
9	JT9-JWL1442-210A	Tool Support Rod		1
10	JT9-JWL1442-128	Clamp Bolt		1
11	JT9-JWL1442-154	Clamp		1
12	JT9-TS-0650081	Hex Nylon Lock Nut	3/4”-10	1
13	JT9-JWL1440-213	Bushing		1
14	JT9-708331	Live Center Assembly (includes #15 thru 18)		1
15	JT9-JML-52A	Center Point for Live Center		1
16	JT9-JML-52	Live Center Head		1
17	JT9-BB-6002ZZ	Ball Bearing	6002ZZ	1
18	JT9-JML-54	Live Center Shaft		1

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Parts List C - JWL-1640EVS Bed and Stand Assemblies (continued)

Original JET parts reference | Match model, voltage and serial-number notes

Ref.	Part number	Description	Size	Qty.
	JT9-JWL1640EVS-TA	Tailstock Assembly (includes #19 thru 30, 38, 39)		1
19	JT9-JWL1640EVS-319	Quill	MT-2	1
20	JT9-JWL1640EVS-320	Lead Screw		1
21	JT9-JWL1440-221	Tailstock Rod		1
22	JT9-JWL1221VS-227	Key		1
23	JT9-F009674	Socket Head Button Screw	#10-32x5/8”	1
24	JT9-JML-59A	Tailstock Lock Handle		1
25	JT9-JWL1640EVS-325	Tailstock Casting		1
26	JT9-JWL1442-212	Handwheel		1
27	JT9-6294199	Handle		1
28	JT9-TS-0267041	Set Screw	1/4"-20x 3/8”	2
29	JT9-JWL1440-229	C-Ring	S-12	1
30	JT9-JWL1440-230	Bolt		1
31	JT9-LM000170	ID Label		1
32	JT9-JWL1221VS-211	Warning Label		1
33	JT9-TS-0570031	Hex Nut	3/8”-16	2
34	JT9-TS-0267021	Set Screw	1/4”-20x1/4”	4
36	JT9-JWL1440-206	Handle, Optional		1
37	JT9-JWL1440-207	Tool Rest Lock Bushing Set, Optional		1
38	JT9-JWL1442-154	Clamp		1

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Parts List C - JWL-1640EVS Bed and Stand Assemblies (continued)

Original JET parts reference | Match model, voltage and serial-number notes

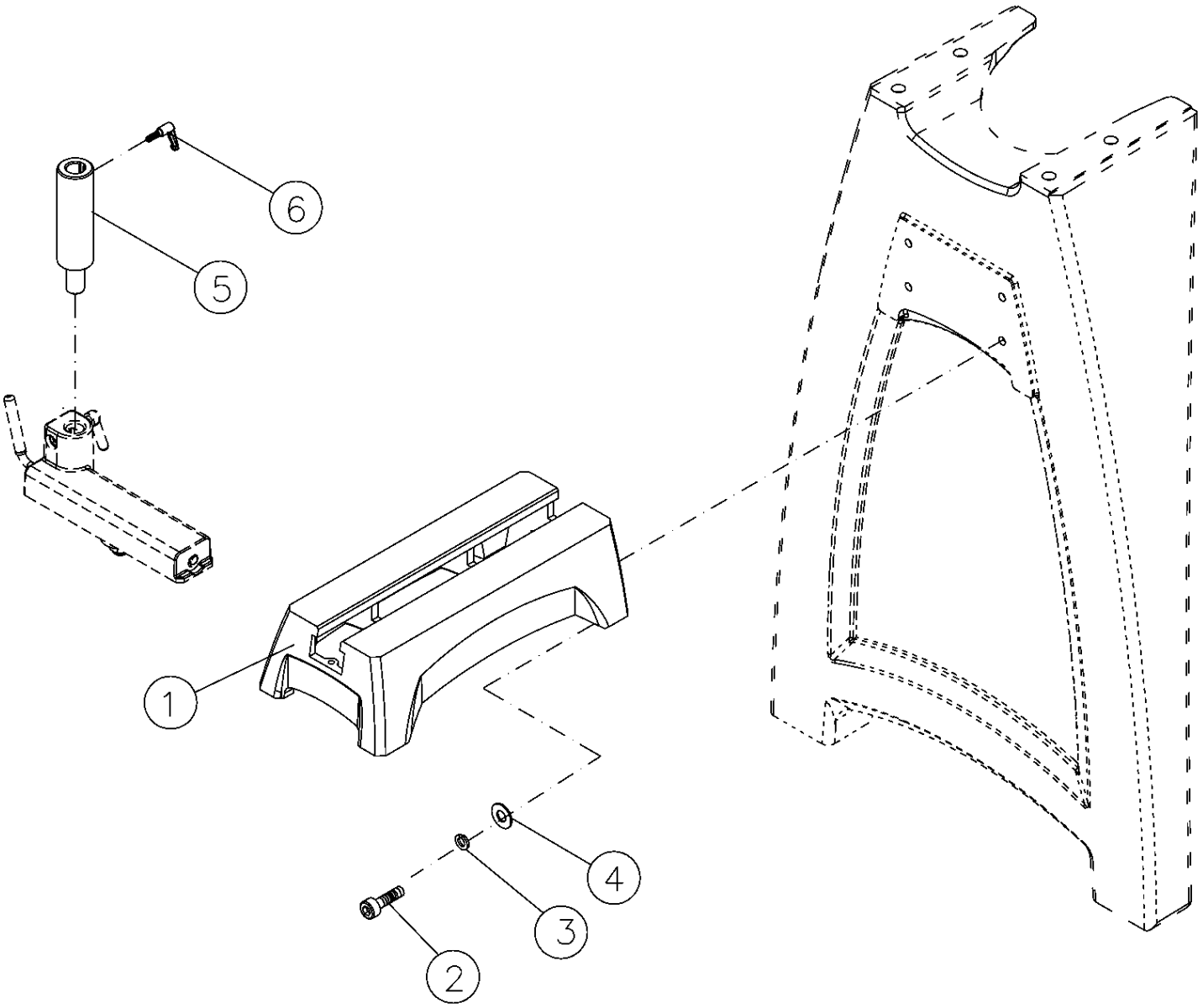
Ref.	Part number	Description	Size	Qty.
39	JT9-TS-0650081	Hex Nylon Lock Nut	3/4”-10	1
	JT9-6295902	Live Center Assembly (includes #40 thru 43)		1
40	JT9-6295905	Live Center Cone		1
41	JT9-6295904	Live Center Tip		1
42	JT9-6295903	Live Center Body		1
43	JT9-6295906	Live Center Rod		1
47	JT9-TS-0209061	Socket Head Cap Screw	3/8”-16x1-1/4”	2
48	JT9-TS-0680041	Flat Washer	3/8”	2
49	JT9-JWL1640EVS-349	Tool Shelf		1
50	JT9-JWL1840EVS-350	Leg		2
51	JT9-TS-0208071	Socket Head Cap Screw	5/16"-18x1-1/4"	8
52	JT9-TS-0720081	Lock Washer	5/16"	8
53	JT9-TS-0680031	Flat Washer	5/16"	8
54	JT9-JWL1642-206	Adjustable Foot	3/8"	4
55	JT9-TS-0561031	Hex Nut	3/8"	4
56	JT9-JWL1840EVS-356	Riser Block		2
57	JT9-TS-0060061	Hex Cap Screw	3/8"-16x1-1/4"	4
58	JT9-TS-0720091	Lock Washer	3/8"	4
59	JT9-TS-0680041	Flat Washer	3/8"	4
60	**	Model Decal 1640		1
61	**	Spring		2

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Diagram D - JWL-1640EVS Extension Bed Assembly (OPTIONAL)

Original JET parts reference | Match model, voltage and serial-number notes



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Parts List D - JWL-1640EVS Extension Bed Assembly (OPTIONAL)

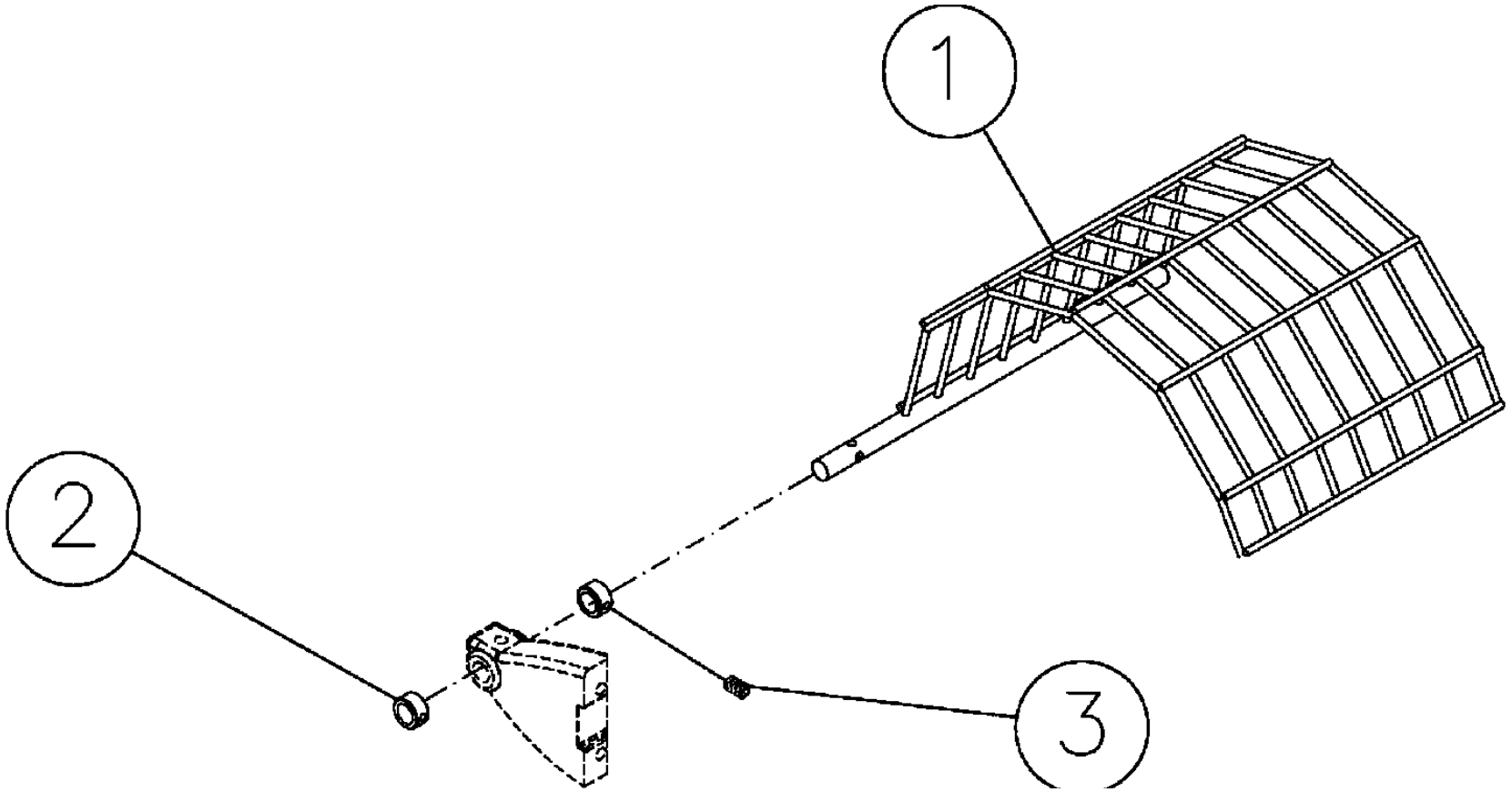
Original JET parts reference | Match model, voltage and serial-number notes

Ref.	Part number	Description	Size	Qty.
	JT9-719401	20" Extension Bed w/ Post (includes #1 thru 6)		1
1	JT9-JWL1440-301	Extension Bed	20”	1
2	JT9-TS-0209071	Socket Head Cap Screw	3/8”-16x1-1/2”	4
3	JT9-TS-0720091	Lock Washer	3/8”	4
4	JT9-TS-0680041	Flat Washer	3/8”	4
5	JT9-3520B-310	Extension Post		1
6	JT9-6294763	Locking Handle		1

** These parts are shown for reference only and are not available for order individually. Non-proprietary parts, such as fasteners, can usually be found at local hardware stores.

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14.5.1 JWL-1640EVS Guard Assembly (OPTIONAL) – Exploded View



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Parts List E - JWL-1640EVS Guard Assembly (OPTIONAL)

Original JET parts reference | Match model, voltage and serial-number notes

Ref.	Part number	Description	Size	Qty.
	JT9-719002	Lathe Guard Assembly (includes #1 thru 3)		
1	JT9-JWL1642-179	Guard		1
2	JT9-JWL1642-187	Collar		2
3	JT9-TS-0270011	Set Screw	5/16”-18 x 1/4”	2

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