

REPAIR SHEET

BRAND

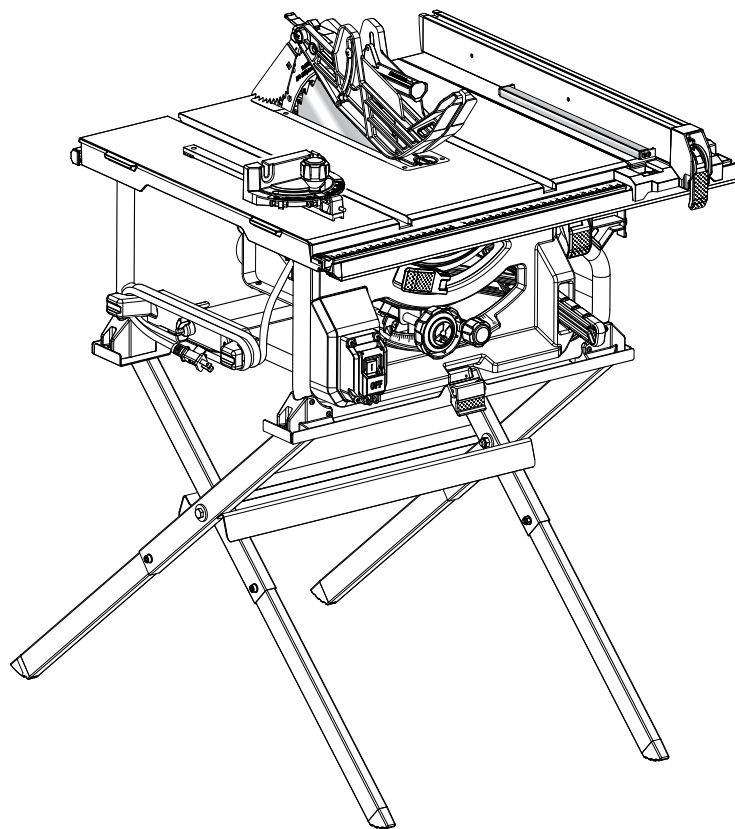
RIDGID

MODEL NO.

R4518/R4518T

DESCRIPTION

Table Saw



TTI CONSUMER POWER TOOLS, INC.

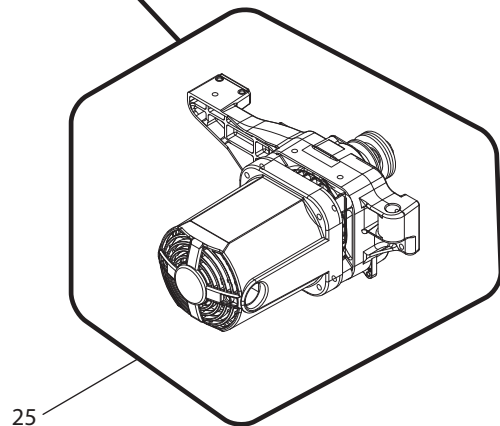
P.O. Box 1427, Anderson, SC 29622 ■ 1-866-539-1710 ■ powertools.RIDGID.com

8-14-25 (Rev:07)

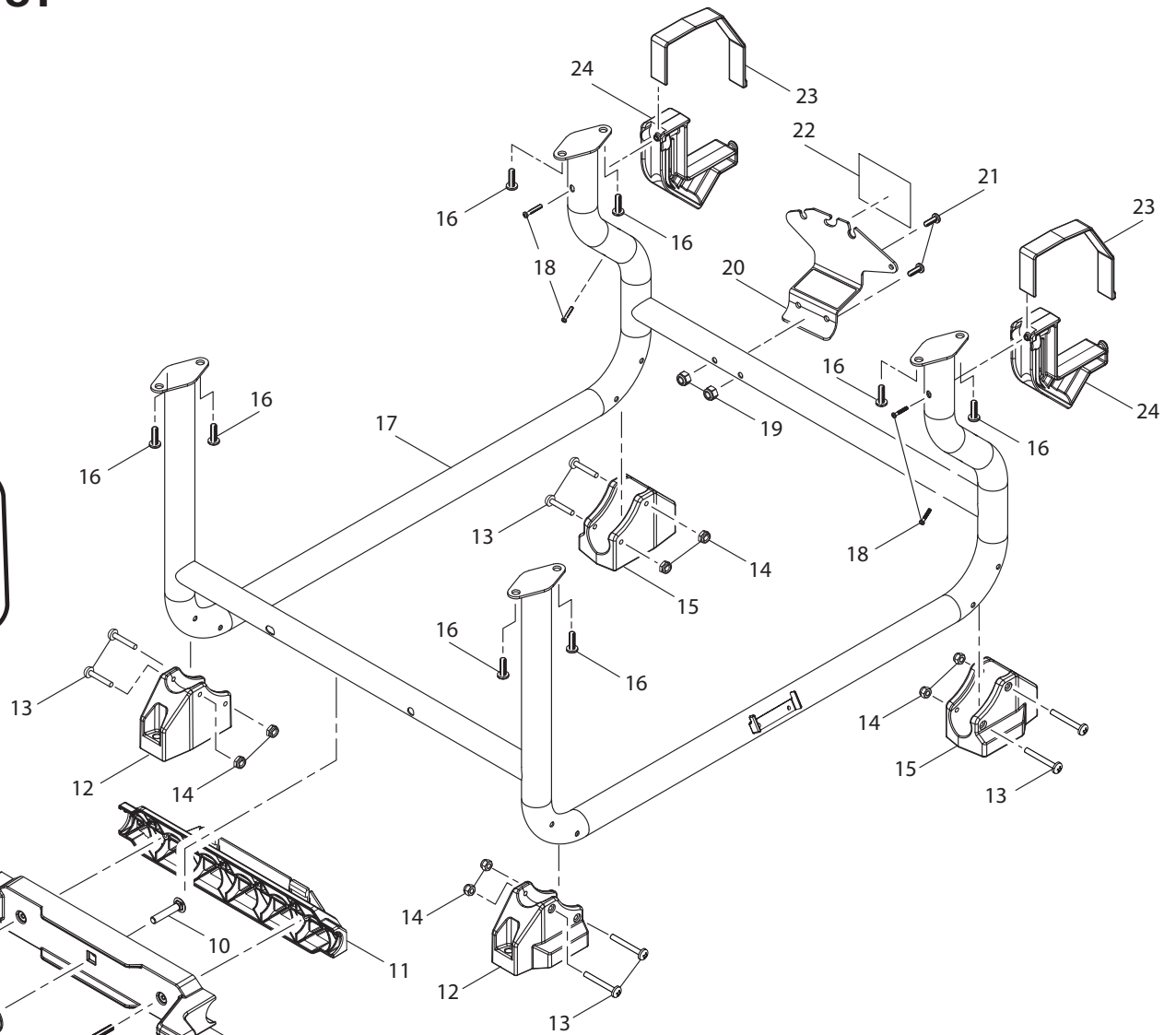
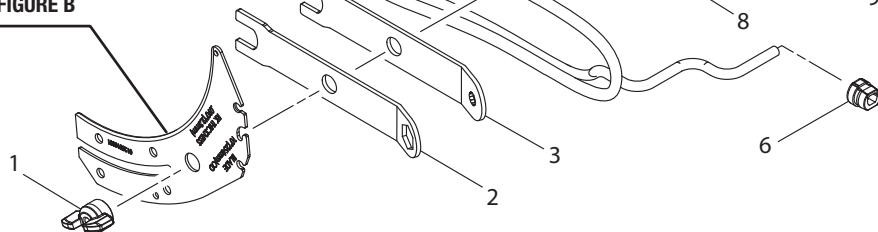
The model number and manufacturing location will be found on a label attached to your product. Always mention this information in all communications regarding this product and when ordering parts.

FIGURE A

SEE FIGURE F



SEE FIGURE B





R4518/R4518T

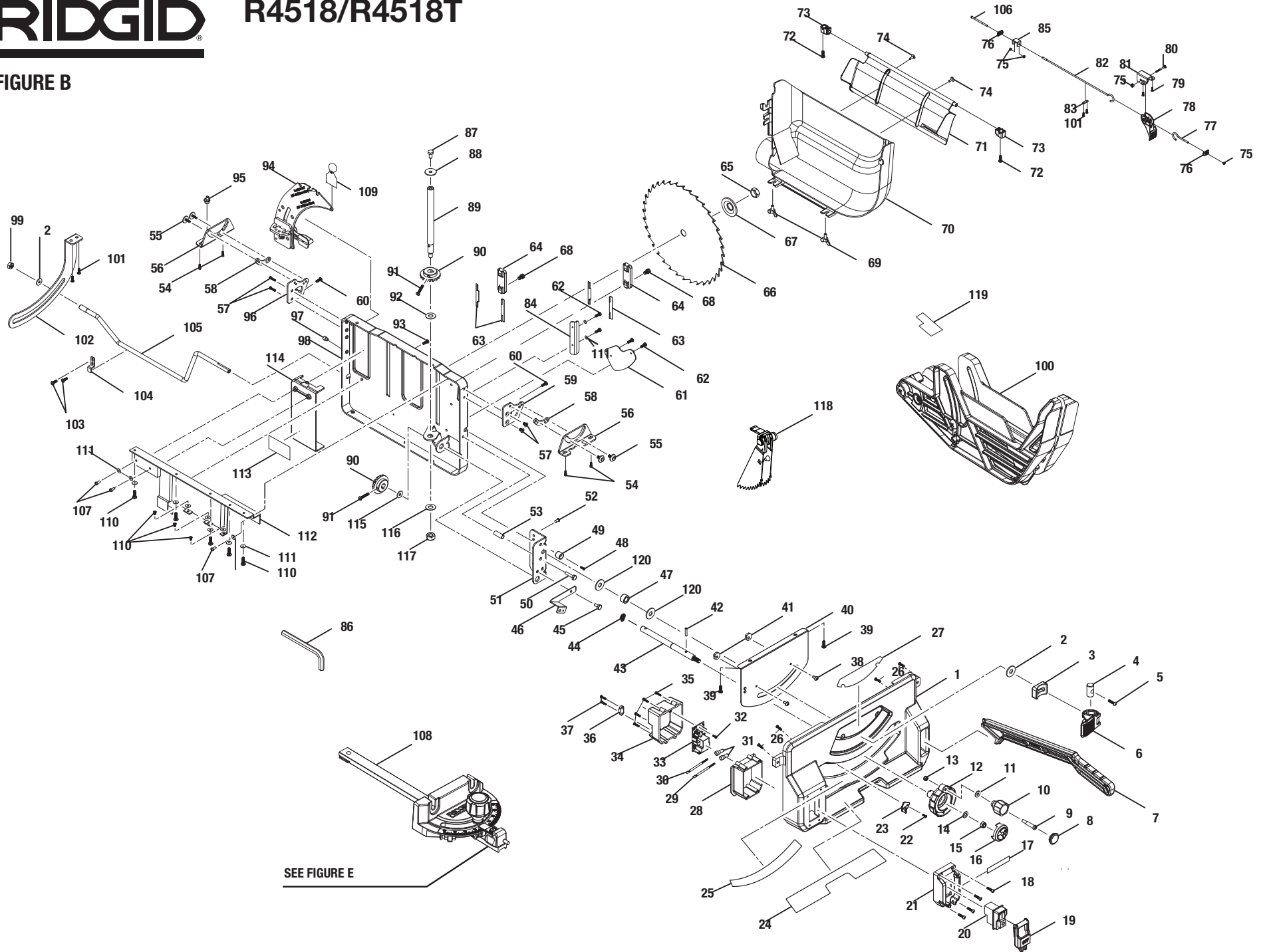
PARTS LIST — FIGURE A

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	089290001094	Wing Nut (5/16-18)	1
2	089240037031	Blade Wrench (A)	1
3	089240037030	Blade Wrench (B)	1
4	089240028089	Power Cord (Inc. Key No. 5)	1
5 CN/TW	089240028906	Cordwrap Label (FR/SP)	1
5-VN	089041076905		
6	089240015140	Strain Relief	1
7	089240028088	Knob Ring	1
8	089240037067	Screw (M4 x 30 mm, Rd. Hd.)	2
9-CN/TW	089240037029	Wrench, Riving Knife and Blade Holder	1
9-VN	089041076005		
10	089110101070	Carriage Bolt (5/16-18 x 1-1/2 in.)	1
11-CN/TW	089240037028	Miter Gauge Holder	1
11-VN	089041076004		
12	089240037026	Foot (Left)	2
13	089316001218	Screw (Truss Hd.)	8

KEY NO.	PART NO.	DESCRIPTION	QTY.
14	089240015089	Lock Nut	8
15	089240037066	Foot (Right)	2
16	089240035028	Screw w/Washer (M5 x 15 mm, Rd. Hd.)	8
17-CN/TW	089240037025	Frame	1
17-VN	089041076003		
18	089041045002	Screw (M4 x 35 mm, Truss Hd.)	4
19	089110102141	Lock Nut (M5)	2
20	089240037022	Blade Guard Plate (Inc. Key No. 21)	1
21	089240037021	Screw (M5 x 30 mm)	2
22-CN/TW	089240037908	Blade Guard Storage Label	1
22-VN	089041076902		
23	089240037023	Strap	2
24	089240037024	Rip Fence Storage	2
25	089041045701	Motor Assembly	1
		Not Shown:	
	995000889	Operator's Manual (089240037912)	

If a key number has multiple part numbers, please order the part that corresponds with the country of origin shown on the product's data label. CN = China TW = Taiwan VN = Vietnam

FIGURE B





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PARTS LIST — FIGURE B

KEY NO.	PART NO.	DESCRIPTION	QTY.
1-CN/TW	089240037040	Front Panel Assembly (Inc. Key Nos. 24-25 & 27)	1
1-VN	089041076703		
2	089110102278	Washer (ID10 x OD23 x 2t)	2
3	089290001046	Bevel Lock Block	1
4	089290001048	Bevel Lock Lever Pin	1
5	089290001049	Screw w/Washer (M5 x 15 mm, ID5 x OD12 x 1.5t)	1
6	089240028006	Bevel Lock Lever	1
7	089240028007	Push Stick	1
8	089240028001	End Cap (Handle Grip)	1
9	089290001051	Screw (Special)	1
10	089240028002	Handwheel Grip	1
11	089110102182	Flat Washer (ID6.5 x OD13 x 1.5t)	1
12	089240037039	Height/Bevel Adjusting Handwheel	1
13	089290001050	Lock Nut (1/4 x 20 mm)	1
14	089240037038	Washer (ID 8.4 x OD 20 x 1.5t)	1
15	089037016024	Lock Nut (M8 x 13 mm)	1
16	089240037037	End Cap (Handwheel)	1
17-CN/TW	089037011910	Switch Key Label	1
17-VN	089041076906		
18	089240028090	Screw (M4 x 35 mm)	4
19	089041077003	Switch Paddle	1
20	089240028181	Switch Assembly (Inc. Key No. 19)	1
21	089240028013	Bezel	1
22	089290001061	Screw w/Washer (M4 x 10 mm, Rd. Hd.)	1
23	089240028020	Bevel Indicator	1
24-CN/TW	089240037902	Warning/Logo Label	1
24-VN	089041076904		
25-CN/TW	089240037041	Bevel Scale Label	1
25-VN	089041076007		

KEY NO.	PART NO.	DESCRIPTION	QTY.
26	089240037068	Screw (M5 x 200 mm, Truss Hd.)	4
27	089240037903	Bevel Lock Label	1
28	089240028017	Switch Bezel	1
29	089240028011	Lead w/Terminal	1
30	089240028010	Lead w/Terminal	1
31	089240028080	Wire Connector	2
32	089290001178	Screw (M3 x 8 mm)	1
33	089240020009	Soft Start	1
34	089240028016	Rear Switch Box	1
35	089240028019	Screw (M4 x 25 mm, Truss Hd.)	4
36	089041033033	Cord Clamp	1
37	089041033087	Screw (M4 x 16 mm, Pan Hd.)	2
38	089240020106	Screw (M6 x 8 mm)	2
39	089290001043	Screw w/Washer (M5 x 15 mm, Pan Hd.)	2
40	089240037073	Reinforcement Plate	1
41	089290001041	Cam	2
42	089110102187	Spring Pin (D4 x 20 mm)	1
43	089240037034	Handwheel Rod	1
44	089037007062	Retaining Ring	1
45	089290001063	Screw w/Washer (M5 x 12 mm, Hex Hd.)	1
46	089240037035	Indicator Bracket	1
47	089240028021	Lock Ring	1
48	089290001040	Screw (M6 x 28 mm)	1
49	089240037069	Positioning Block	1
50	089290001066	Screw (M6 x 35 mm, Hex Hd.)	1
51	089290001067	Fixed Plate	1
52	089290001076	Screw w/Washer (M5 x 10 mm, Hex. Hd.)	1
53	089290001037	Spacer	1
54	089037007022	Screw w/Washer (M6 x 18 mm, Hex Soc. Hd.)	4

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PARTS LIST — FIGURE B

KEY NO.	PART NO.	DESCRIPTION	QTY.
55	089290001036	Screw w/Washer (M5 x 8 mm, Pan Hd.)	4
56	089110113017	Bevel Trunnion	2
57	089290001075	Screw (M5 x 10 mm, Flat Hd.)	4
58	089110113018	Trunnion Slider	2
59	089110113038	Right Rear Bevel Plate	1
60	089290001076	Screw w/Washer (M5 x 10 mm, Pan Hd.)	2
61	089240028022	Protection Chip	1
62	089290001012	Screw w/Washer (M4 x 12 mm, Hex Hd.)	4
63	089110113037	Shim	4
64	089110113036	Elevation Slider	2
65	089025005076	Spindle Nut	1
66	089290001035	Blade	1
67	089240028024	Blade Washer	1
68	089290001012	Screw (Truss Hd.)	2
69	089240028025	Wing Screw (M5 x 8 mm)	2
70-CN/TW	089240028026	Dust Housing	1
70-VN	089041076006		
71	089240037032	Dust Cover	1
72	089240015090	Screw w/Washer (M5 x 12 mm, Truss Hd.)	2
73	089240037033	Fixed Set	2
74	089240015093	Screw w/Washer (M4 x 12 mm, Truss Hd.)	2
75	089110101101	Lock Nut (M6)	4
76	089110102026	Lock Block	2
77	089240037001	Short Rod	1
78	089240028037	Locking Knob	1
79	089110102033	Screw (M6 x 12 mm, Phillips Rd. Hd.)	2
80	089110102031	Carriage Bolt (M6 x 12 mm)	1
81	089240028038	Locking Handle Plate	1
82	089240037003	Long Bar	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
83	089110102122	Pressing Plate	1
84	089240028155	Saw Block	1
85	089037012090	Adjustment Block	1
86	089240020091	Hex Key Wrench (M5 x 75 mm)	1
87	089290001028	Screw (1/4 in.-20 UNC x 1/2 in., Hex Hd.)	1
88	089290001029	Washer (ID6.5 x OD25 x 1.6t)	1
89	089041045009	Lifting Screw (9/16-12 UNC-LH)	1
90	089290001080	Bevel Gear	2
91	089110102084	Screw (#8-32 UNC x 1 in., Round Hd.)	2
92	089290001032	Plastic Washer	1
93	089240028156	Screw (M4 x 18 mm, Truss Hd.)	1
94	089240037704	Riving Knife Assembly	1
95	089110101022	Eccentric Shaft	1
96	089240028153	Left Rear Swing Plate	1
97	089290001074	Rod Screw	1
98	089041045013	Saw Blade Box	1
99	089110102129	Lock Nut (M10)	1
100-CN/TW	089240037702	Side Barrier Assembly (Inc. Keys 119)	1
100-VN	089041076704		
101	089037012089	Screw (#10-24 UNC x 1/2 in., Truss Hd.)	4
102	089110113074	Rear Reinforcing Plate	1
103	089290001517	Screw w/Washer (M4 x 8 mm)	2
104	089110113072	Lock Lever Positioning Plate	1
105	089290001071	Lock Lever	1
106	089240028040	Screw (M6 x 103 mm, Hex Hd.)	1
107	089290001012	Screw (M4 x 12 mm, Truss Hd.)	3
108	089240037701	Miter Gauge	1
109	089240028073	Riving Knife Hangtag	1
110	089240028059	Screw (M4 x 8 mm, Rd. Hd.)	8

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PARTS LIST — FIGURE B

KEY NO.	PART NO.	DESCRIPTION	QTY.
111	089240028072	Flat Washer (ID4 x OD9 x 0.8t)	13
112	089240028030	Canvas	1
113-CN/TW	089240037904	Data Label	1
113-TW	089240037910		
113-VN	089041076901		
114	089240028028	Riving Knife Cover	1

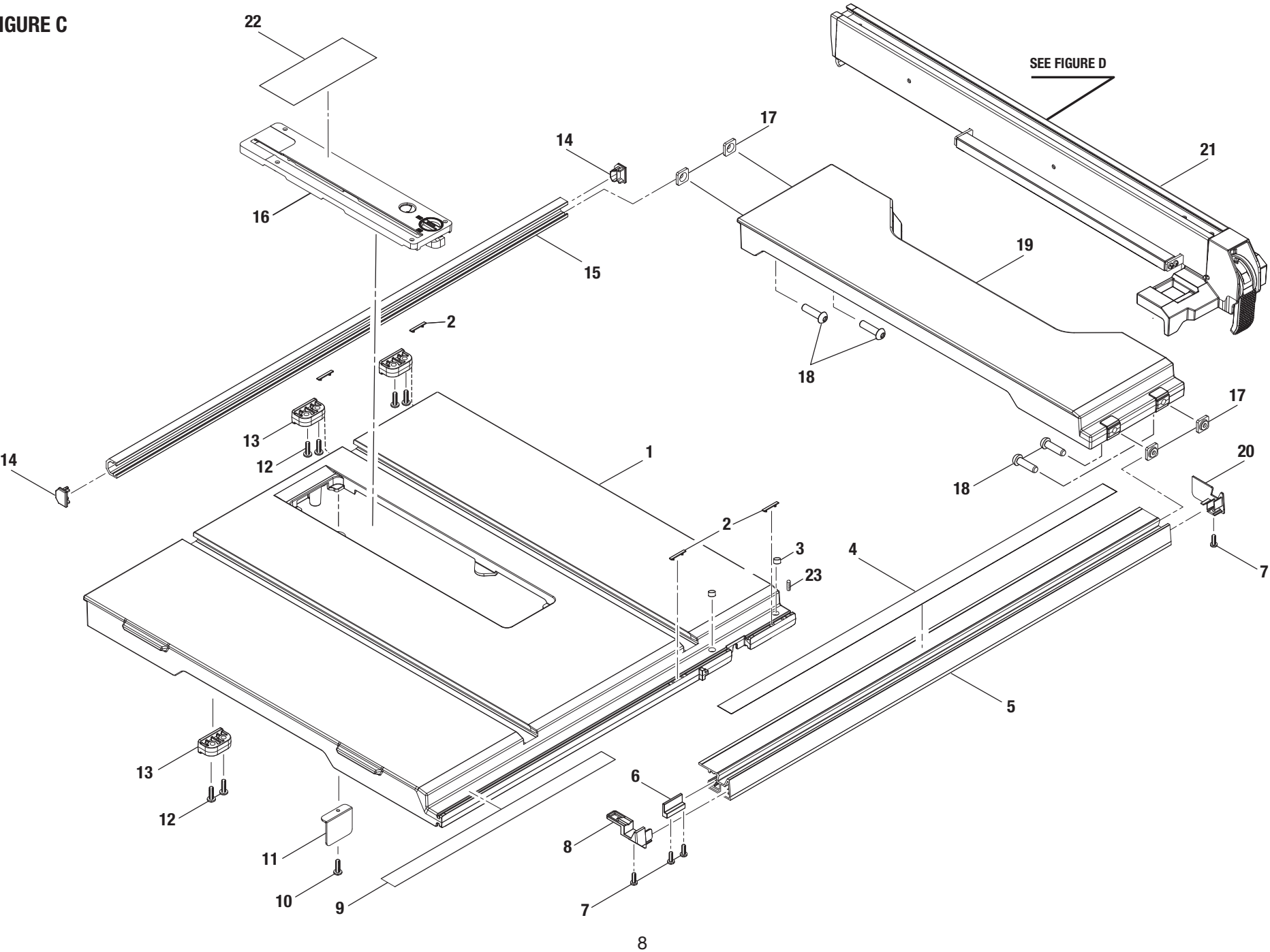
KEY NO.	PART NO.	DESCRIPTION	QTY.
115	089290001060	Flat Washer (ID13 x OD22 x 0.5t)	1
116	089290001069	Flat Washer (ID10 x OD22 x 1t)	1
117	089290001068	Lock Nut (3/8 in.-16 UNC)	1
118	089240037703	Anti Kick Back Pawl	1
119	089240028909	Warning Label	1
120	089240028170	Washer (ID10 x OD26 x 2t)	2

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FIGURE C





R4518/R4518T

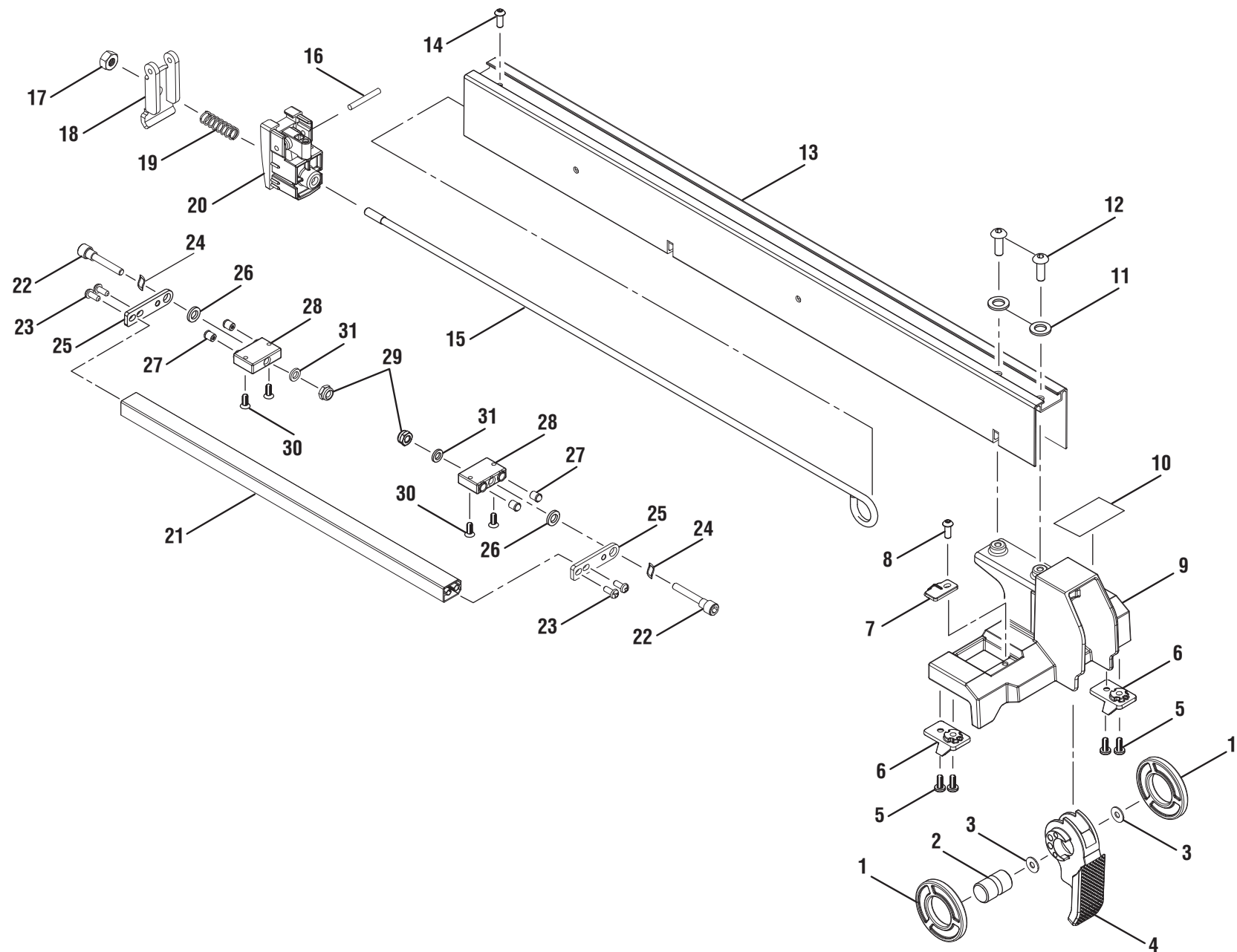
PARTS LIST — FIGURE C

KEY NO.	PART NO.	DESCRIPTION	QTY.
1-CN/TW	089041045011	Saw Table	1
1-VN	089041076020		
2	089110102017	Slider	4
3	089240020094	Sliding Pad	2
4-CN/TW	089240037011	Scale Label (Long)	1
4-VN	089041076001		
5-CN/TW	089240037010	Front Rail Assembly (Inc. Key No. 4)	1
5-VN	089041076702		
6	089110102011	Front Rail Stop	1
7	089240020005	Screw (M4 x 12 mm)	4
8	089240037014	Scale Indicator	1
9-CN/TW	089240037013	Rip Fence Extension Label	1
9-VN	089041076002		
10	089240028059	Screw (M4 x 8 mm, Round Hd.)	1
11	089240028058	Rear Cover Plate	1
12	089110101107	Screw (M6 x 15 mm, Hex Truss Hd.)	6

KEY NO.	PART NO.	DESCRIPTION	QTY.
13	089110102038	Rear Rail Holder	3
14	089037006046	Rail End Cap (Rear)	2
15	089240037009	Rear Rail	1
16-CN/TW	089240028717	Throat Plate Assembly (Inc. Key No. 22)	1
16-VN	089041076705		
17	089110102003	Rail Holder Nut	4
18	089110110044	Screw w/Washer (M6 x 15 mm, Hex Soc. Hd.)	4
19	089240037004	Sliding Extension Table	1
20	089037006003	Rail End Cap (Right Front)	1
21-CN/TW	089240037706	Rip Fence Assembly	1
21-VN	089041076706		
22-CN/TW	089290001909	Styrofoam Floor Combo Label	1
22-VN	089041076907		
23	089240020095	Set Screw (M6 x 12 mm)	1
24	089041045002	Screw (M4 x 35 mm, Truss Hd.)	1

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FIGURE D



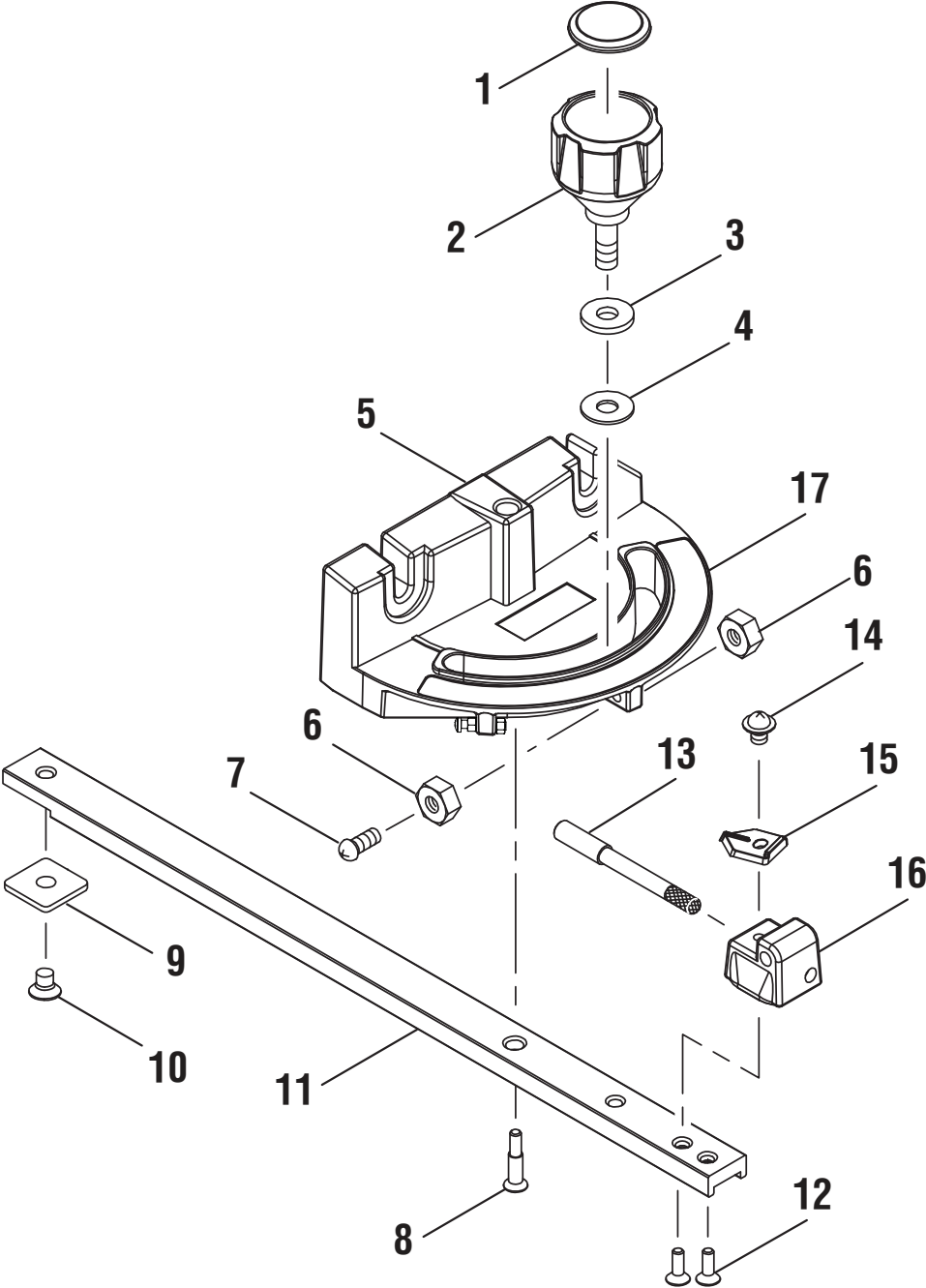


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PARTS LIST — FIGURE D

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	089110102177	Pad	2
2	089110102167	Crank Shaft	1
3	089110101108	Washer (ID16 x OD25 x 1.5t)	2
4	089240037054	Lock Lever	1
5	089240037071	Screw (8-32 x 1/2 in., Flat Hd.)	4
6	089037016031	Fence Slider	2
7	089240028122	Fence Indicator	1
8	089240028123	Screw w/Washer (M4 x 5 mm, Pan Hd.)	1
9	089240037053	Fence Bracket	1
10	089240037909	Fence Logo Label	1
11	089037016020	Washer (ID6.5 x OD16 x 1.5t)	2
12	089110101107	Screw (M6 x 15 mm, Truss Hd.)	2
13	089240037052	Rip Fence Body	1
14	089041033087	Screw (M4 x 16 mm)	1
15	089240037051	Linkage	1
16	089110113147	Pin (D4 x 31 mm)	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
17	089110101101	Lock Nut (M6)	1
18	089240037049	Rear Clamp	1
19	089110101104	Compression Spring	1
20	089240037050	Rear Plate	1
21	089240028131	Low Fence	1
22	089240028132	Screw (M5 x 43 mm)	2
23	089240028129	Screw (M4 x 20mm, Rd. Hd.)	4
24	089240028130	Wave Washer (ID7.3 x OD10.5 x 0.3t)	2
25	089240037055	Fix Plate	2
26	089240028127	Flat Washer (ID7.5 x OD10.5 x 2t)	2
27	089240037056	Ball Plunger (D6 x 7 mm)	4
28	089240037057	Block	2
29	089110102141	Lock Nut (M5)	2
30	089290001130	Screw (M4 x 12 mm, Flat Hd.)	4
31	089240028115	Washer (ID3.5 x OD12 x 1.8t)	2





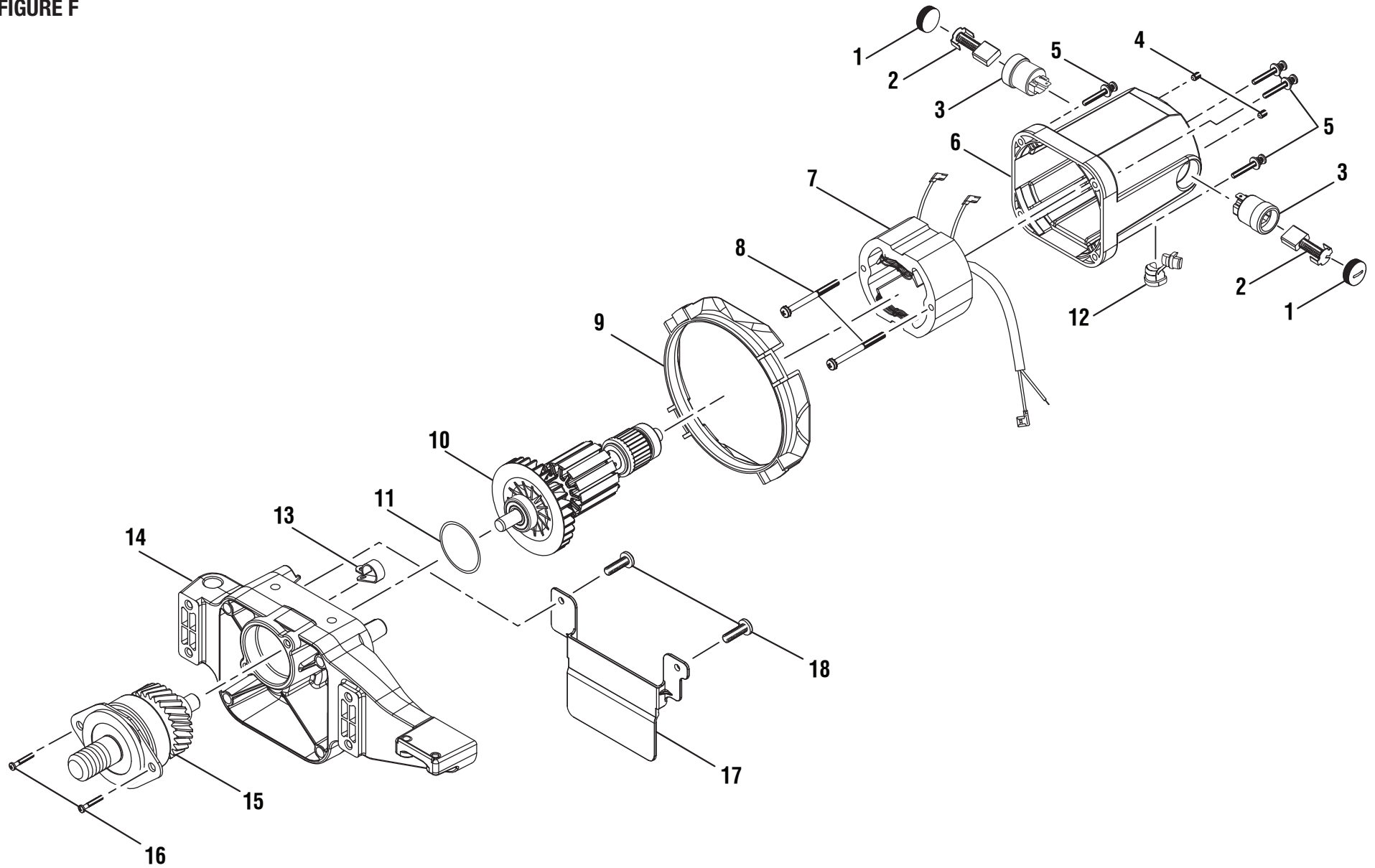
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PARTS LIST — FIGURE E

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	089240028001	End Cap	1
2	089240028099	Miter Gauge Lock Knob	1
3	089110101123	Washer (ID1/4 in. x OD16 x 1.5t)	1
4	080015001475	Lock Washer (ID1/4 in. x OD16 x 2t)	1
5	089240037047	Miter Gauge Body	1
6	089110101133	Nut (3/16-24 UNC)	6
7	089110101134	Screw (3/16-24 x 21.7 mm, Pan Hd.)	3
8	089240037048	Pivot Pin	1
9	089290001127	Angle Pin Guide Block	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
10	089025005174	Screw (M6 x 8 mm)	1
11	089240028101	Miter Gauge Rod	1
12	089290001130	Screw (M4 x 12 mm)	2
13	089110101128	Stop Pin	1
14	089110113151	Screw (M4 x 8 mm)	1
15	089240028102	Pointer	1
16	089110101131	Indicator Bracket	1
17	089240037701	Miter Gauge	1

FIGURE F





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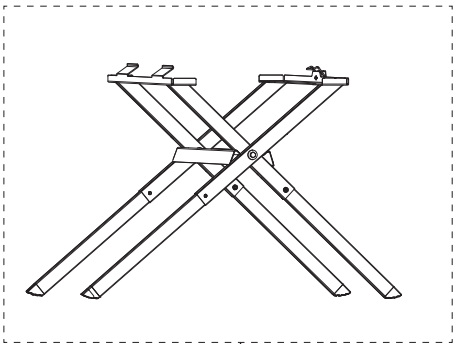
PARTS LIST — FIGURE F

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	089110102255	Brush Cap	2
2	089110102254	Brush Assembly	2
3	089037012106	Brush Holder	2
4	089240028054	Set Screw (M5 x 8 mm)	2
5	080015001426	Screw w/Washer (M5 x 35 mm)	4
6	089290001099	Motor Housing	1
7-CN/TW	089240028081	Field Assembly	1
7-VN	089041077707		
8	089290001182	Screw w/Washer (M5 x 65 mm, Truss Hd.)	2
9	089290001100	Baffle	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
10	089240028709	Armature Assembly	1
11	089110101223	O-Ring	1
12	089240015140	Strain Relief	1
13	089110101069	Cord Clamp	1
14	089240028083	Gear Housing Assembly	1
15	089240028084	Arbor Assembly	1
16	089290001104	Screw w/Washer (M5 x 12 mm, Rd. Hd.)	2
17	089240028086	Motor Cover	1
18	089240028087	Screw (M4 x 10 mm)	2

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FIGURE G





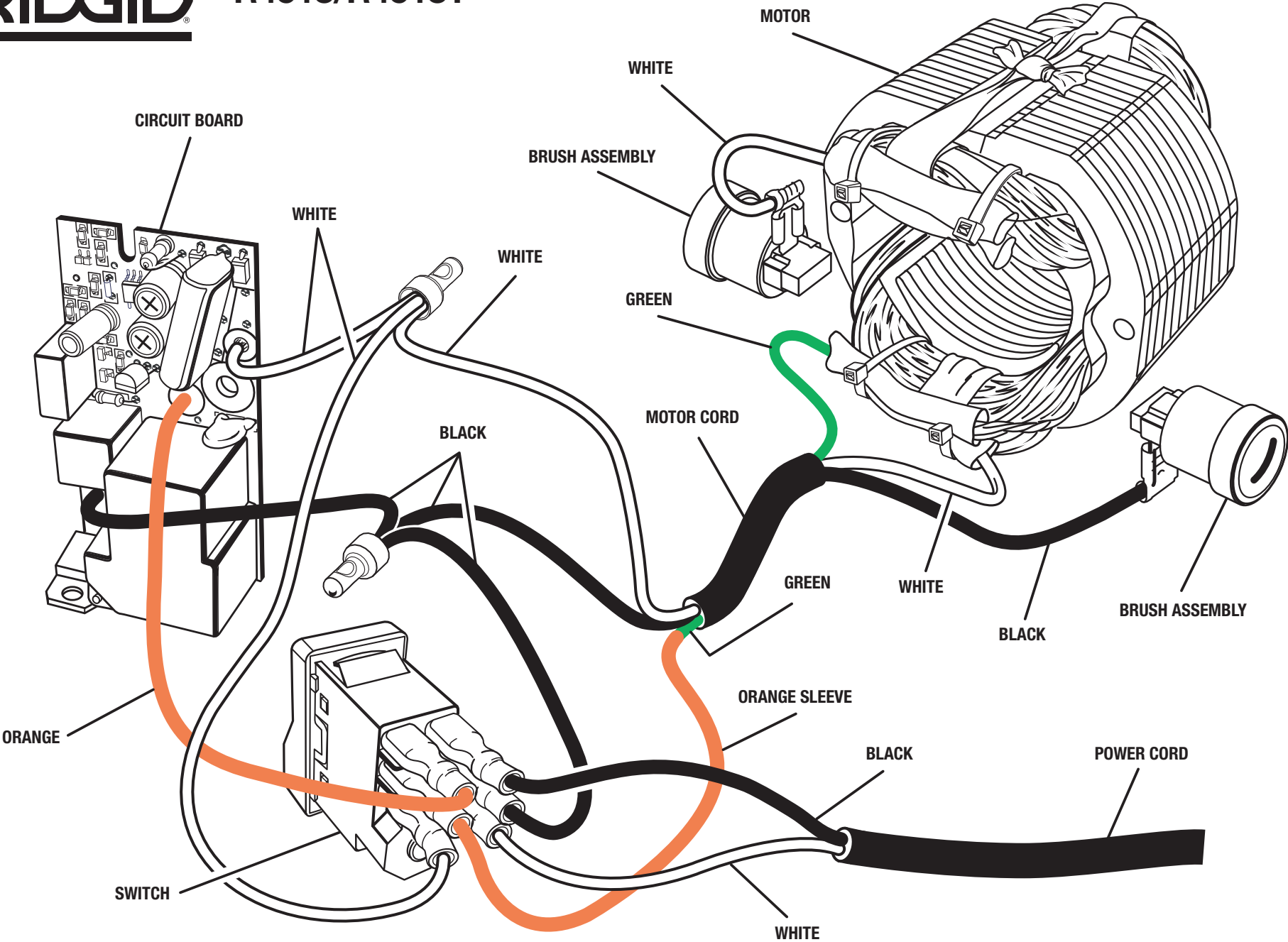
R4518/R4518T

PARTS LIST - FIGURE G

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	089240037058	Long Unit Support Panel	1
2-CN/TW	089240037901	Stand Label	1
2-VN	089041076913		
3	089240037063	Latch Assembly	1
4	089037016024	Lock Nut (M8)	2
5	089037016004	Washer (ID8.5 x OD25 x 3t)	6
6	089037016021	Screw (M8 x 60 mm, Hex. Hd.)	2
7	089037016019	Screw (M6 x 35 mm, Hex Soc. Hd.)	4
8	089037016020	Washer (ID6.5 x OD16 x 1.5t)	8
9	089110101101	Lock Nut (M6)	4

KEY NO.	PART NO.	DESCRIPTION	QTY.
10	089240016005	Lock	1
11	089240037059	Leg	4
12	089240037060	Foot	4
13-CN/TW	089240037061	Short Unit Support Panel	1
13-VN	089041076015		
14	089037007015	Carriage Bolt (M6 x 15 mm)	1
15	089240028165	Nut (M6)	1
16-CN/TW	089041045706	Complete Stand Assembly (Inc. Key Nos. 1-15)	
16-VN	089041076707		

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WIRING DIAGRAM