

REPAIR SHEET

BRAND

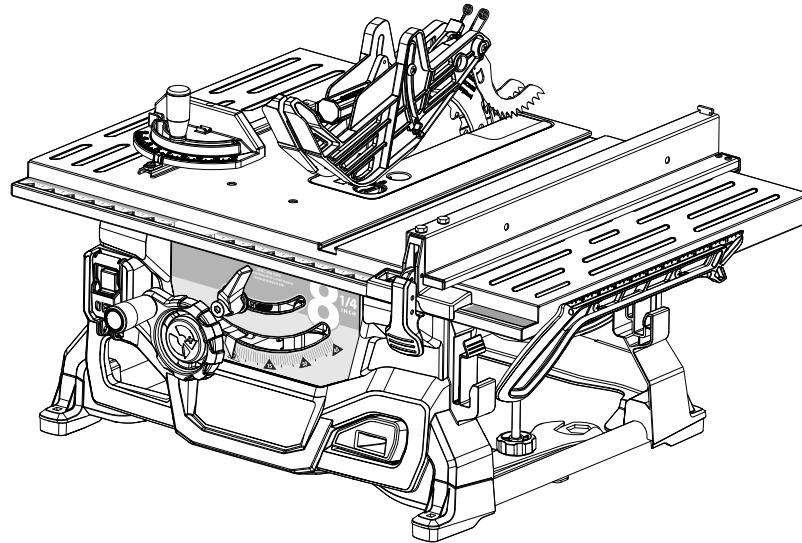
RYOBI

MODEL NO.

RTS08/RTS08T

DESCRIPTION

8-1/4 in. Table Saw



ONE WORLD TECHNOLOGIES, INC.

P.O. Box 1288, Anderson, SC 29622 ■ 1-800-525-2579 ■ www.ryobitools.com

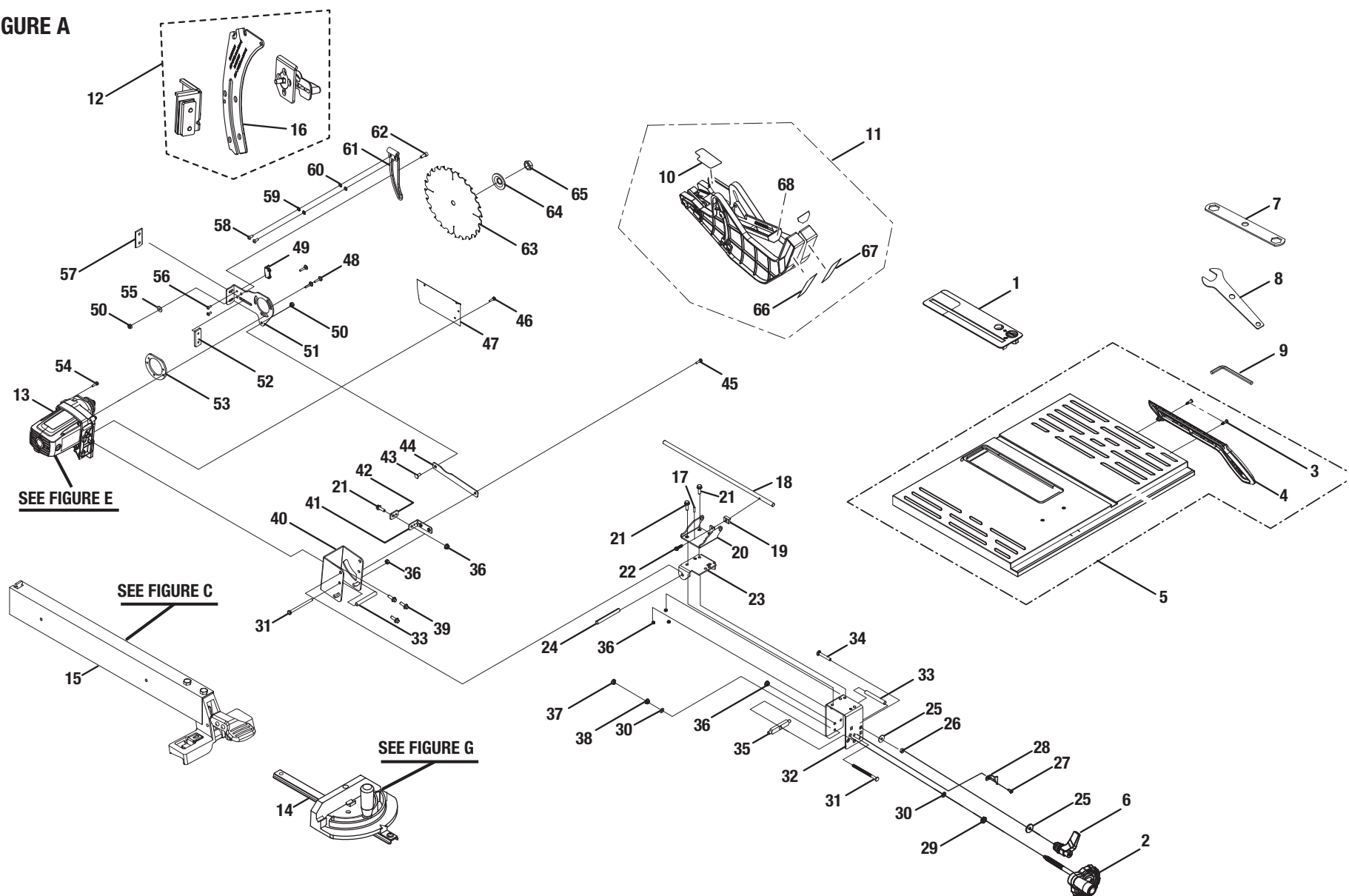
7-27-23 (Rev:06)

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



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FIGURE A



**RTS08/RTS08T****PARTS LIST — FIGURE A**

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	089240063701	Throat Plate Assembly	1
2	089240080704	Hand Wheel Assembly	1
3	089240063905	Screw (M4 x 21 mm, Phillips Hd)	2
4	089240063902	Push Stick	1
5	089240063702	Table Assembly (Inc. Keys 3-4)	1
6	089240080703	Bevel Lock Assembly	1
7	080015001505	Combination Blade Wrench	1
8	080015001506	Open End Wrench	1
9	089110102005	Hex Key Wrench (M5 x 75 mm)	1
10	089037007908	Warning Label (Upper Barrier)	1
11	089240046701	Blade Guard Assembly (Inc. Key Nos.10 & 66-68)	1
12	089240063715	Riving Knife Assembly (Inc. Key No. 16)	1
13	089240063704	Motor Assembly	1
14	089240063711	Miter Gauge Assembly	1
15	089240063710	Rip Fence Assembly	1
16	089240063027	Riving Knife	1
17	080015001445	Spring Pin (D4 x 13 mm)	2
18	089240063013	Rod	1
19	080015001443	Block	1
20	080015001444	Upper Bracket	1
21	080015001446	Screw (1/4-20 x 3/4 in., Hex Flange Hd.)	3
22	089037007011	Screw w/Washer (M5 x 20 mm, Hex Hd.)	1
23	089240063012	Middle Bracket	1
24	080015001458	Spring Pin (D8 x 90 mm)	1
25	089037007102	Washer (OD20 x ID6.5 x 1.6t)	2
26	080015001455	Hex Nut (1/4-20)	1
27	089240015054	Screw w/Washer (M4 x 8 mm, Round Hd.)	1
28	089240063025	Bevel Indicator	1
29	089037007034	Hex Nut (3/8-16)	1
30	089037011047	Washer (OD13 x ID6.5 x 0.5t)	2
31	089240035037	Screw (1/4-20 x 3-1/4 in., Hex Hd.)	2
32	089240063011	Work Plate	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
33	089240035074	Spacer	2
34	089037007035	Carriage Bolt (1/4 in. x 42 mm)	1
35	089037007033	Block	1
36	080015001603	Lock Nut (1/4 in.)	6
37	089290001050	Nut (1/4-20 UNC)	1
38	089240063026	Nut (1/4-20 UNC)	1
39	080015001436	Screw (M6 x 18 mm, Hex Flange Hd.)	3
40	089240063014	Motor Bracket	1
41	089240015045	Mounting Bracket	1
42	089240015047	Support Board	1
43	089037007015	Carriage Bolt (M6 x 15.5 mm)	1
44	089037007012	Pull Rod	1
45	089240015112	Screw (M6 x 8 mm, Special Hex. Soc. Hd.)	1
46	089240021011	Screw (M5 x 10 mm)	1
47	089240063017	Guard Fabric (84)	1
48	089037007017	Screw (M4 x 0.7 mm)	3
49	089240063016	Restrictive Plate	1
50	089110101101	Lock Nut (M6)	2
51	089240063015	Lever	1
52	089037007020	Clamp Lock	1
53	089037007097	Lever Support	1
54	080016005056	Screw (M5 x 12 mm, Pan Hd)	1
55	089110101033	Hex Nut (1/4-20)	1
56	089240015116	Screw (M4 x 10 mm, Truss Hd.)	2
57	089037007021	Clamp	1
58	089037007101	Screw (M5 x 10 mm, Button Hd.)	2
59	089037007100	Washer (D5)	2
60	089037007099	Washer (OD12 x ID5 x 1.5t)	2
61	089037007098	Support Plate	1
62	089037007018	Screw (M6 x 15 mm, Hex Soc. Hd.)	1
63	089240046910	Blade (8-1/4 in., 24 Tooth)	1
64	089240035010	Outer Blade Washer	1



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PARTS LIST — FIGURE A (cont.)

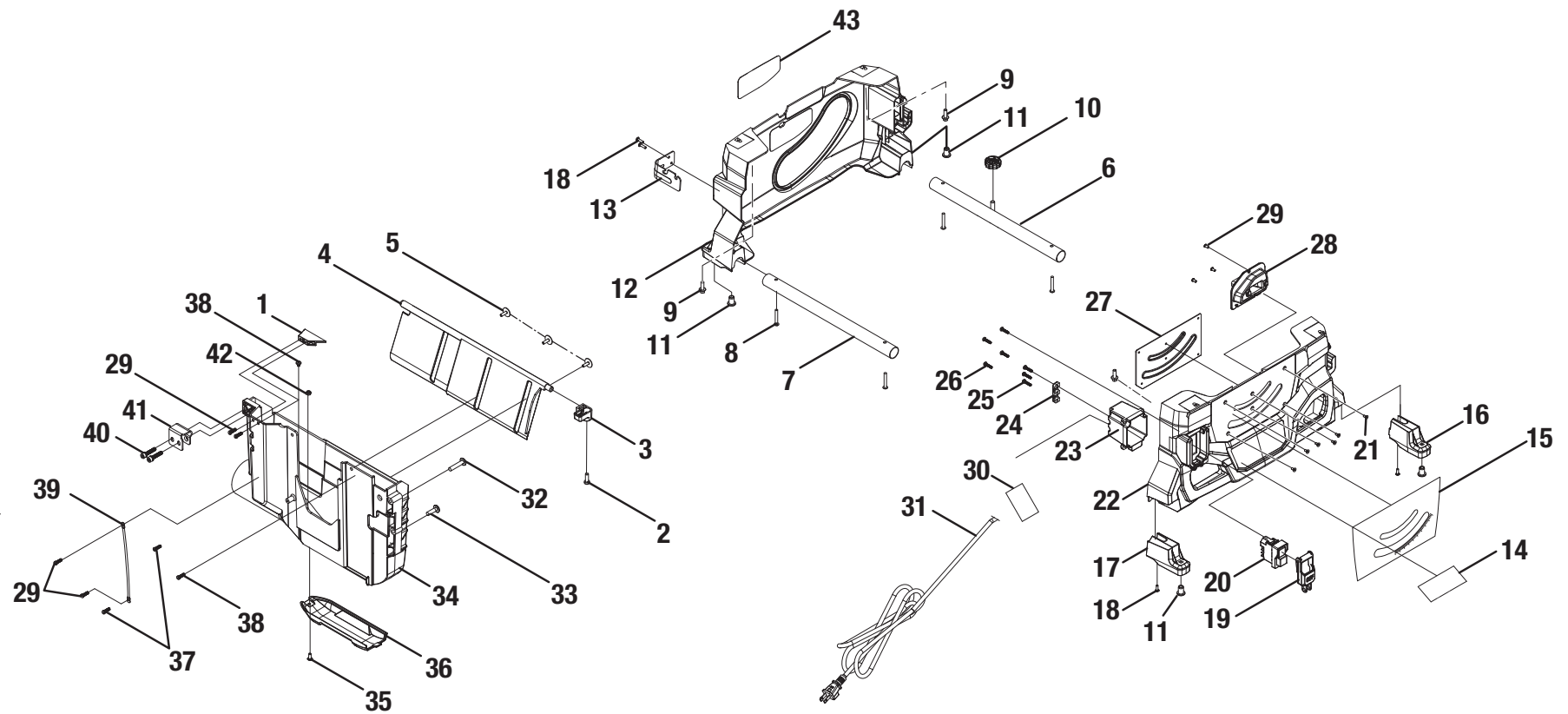
KEY NO.	PART NO.	DESCRIPTION	QTY.
65	080015001410	Blade Nut (5/8-18)	1
66	089240028908	Blade Guard Warning Label (Left End)	1
67	089240028909	Blade Guard Warning Label (Right End)	1
68	089240028910	No Hands Warning Label	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
	Not Shown:		
	089290001909	Styrofoam Removal Warning Label	
	995000842	Operator's Manual	
	089240035905	Riving Knife Hang Tag	



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FIGURE B





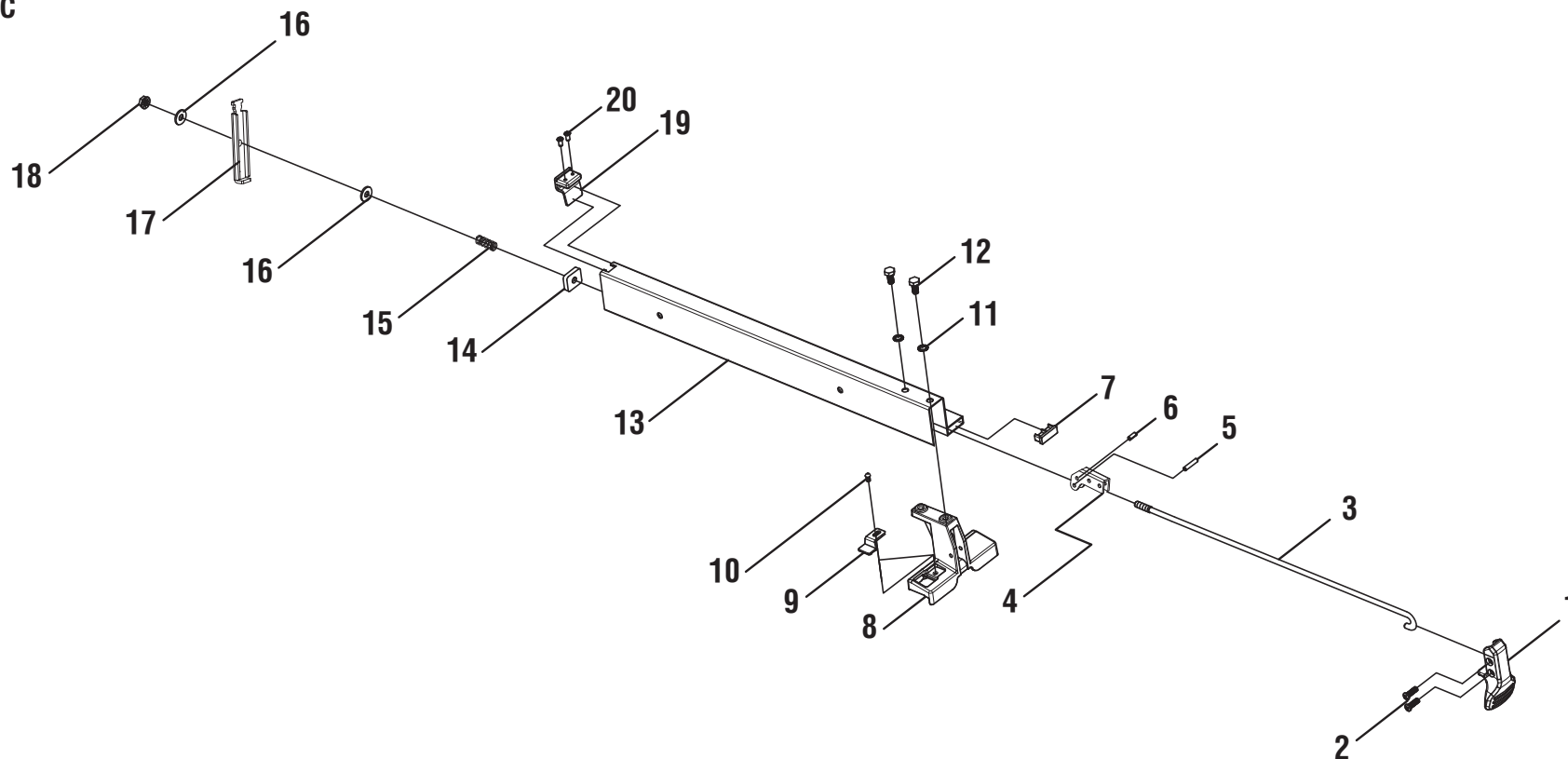
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PARTS LIST — FIGURE B

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	089240063029	Plastic Block	1
2	089240035028	Screw w/Washer (M5 x 15 mm, Round Hd.)	1
3	089240015091	Holder	1
4	089240063030	Dust Cover	1
5	089240015093	Screw (M4 x 12 mm, Truss Hd.)	3
6	089240063713	Frame Tube (Left)	1
7	089240063060	Frame Tube (Right)	1
8	089240063057	Screw (M5 x 40 mm)	4
9	080015001436	Screw (M6 x 18 mm, Hex Flange Hd.)	4
10	089240035006	Knob	1
11	089240063080	Rubber Insert	4
12	089240063058	Rear Panel	1
13	089240063059	Blade Guard Plate	1
14	089240046903	Danger and Warning Label	1
15	089240046902	Front Panel and Bevel Scale Label	1
16	089240063050	Foot Pad (Right)	1
17	089240063052	Foot Pad (Left)	1
18	089240015116	Screw (M4 x 12 mm, Truss Hd.)	4
19	089240036026	Switch Cover	1
20	089240028009	Switch	1
	089240028147	Switch	1
21	080015001473	Screw (M4 x 7 mm, Flat Hd.)	6
22	089240046014	Front Panel Assembly	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
23	089240061003	Switch Box	1
24	089240063055	Cord Clamp	1
25	089110101067	Screw (#8-16 x 19.05 mm)	3
26	089006017051	Screw (M4 x 16 mm, Pan Hd.)	4
27	089240063056	Reinforcement Plate	1
28	089240063051	Miter Gauge Holder	1
29	089240015116	Screw (M4 x 10 mm, Truss Hd.)	7
30	089240028906	Power Cord Warning Label (Fr/Sp)	1
31	089240063054	Power Cord Assembly	1
32	089240015088	Screw (M6 x 30 mm, Truss Soc. Hd.)	1
33	089240015087	Screw (M6 x 20 mm, Truss Soc. Hd.)	1
34	089240063031	Dust Chute Assembly	1
35	089240015084	Screw (M4 x 10 mm, Truss Hd.)	1
36	089240063032	Dust Chute Door	1
37	089240021011	Screw (M5 x 10 mm)	2
38	089240015188	Screw (M4 x 5 mm, Truss Hd.)	2
39	089240063028	Driving Rod	1
40	089240015072	Screw w/Washer (M5 x 25 mm)	2
41	089240015073	Bracket	1
42	089240015089	Lock Nut (M4)	1
43	089240046901	Data Label (RTS08)	1
	089240063923	Data Label (RTS08T)	1

FIGURE C



PARTS LIST — FIGURE C

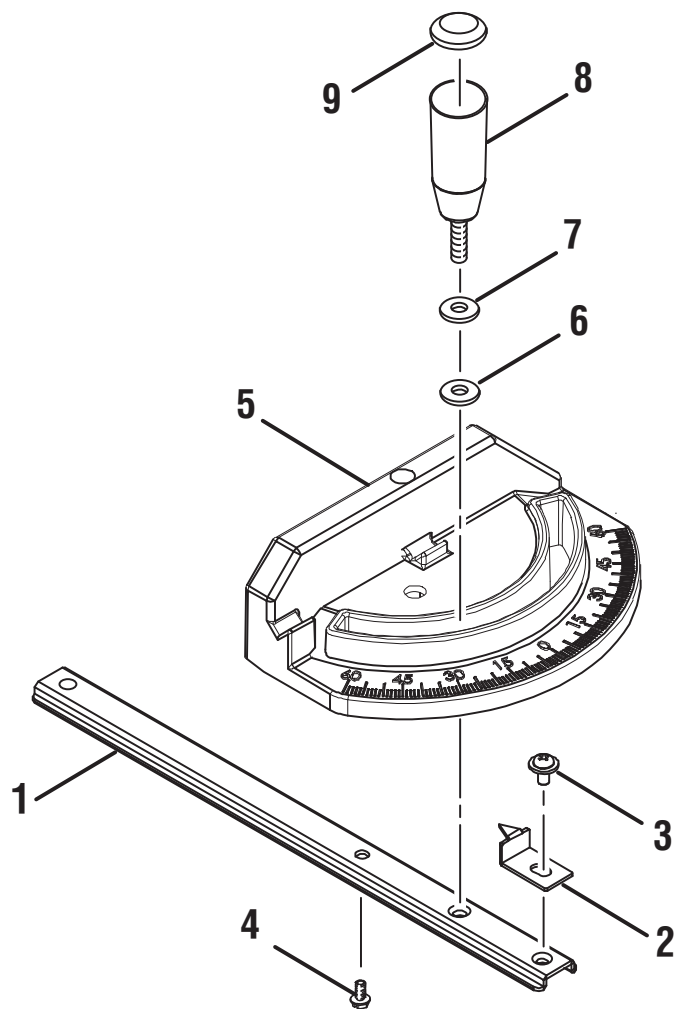
KEY NO.	PART NO.	DESCRIPTION	QTY.
1	089040002003	Fence Lever	1
2	089240063042	Screw (#8-16 UNC x 5/8 in., Truss Hd.)	2
3	089240063043	Rod	1
4	089037007083	Handle Bracket	1
5	080015001549	Spring Pin (D4 x 10.5 mm)	1
6	089110102187	Spring Pin (D4 x 20 mm)	1
7	089240035055	Rip Fence Cover	1
8	089240063081	Fence Bracket	1
9	080015001554	Indicator	1
10	089015001011	Screw (5/32-32 x 1/4 in.)	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
11	089110101102	Washer (1/4 in.)	2
12	089240061001	Screw (1/4-20 x 1/2 in., Hex Hd.)	2
13	089240063044	Rip Fence	1
14	080015001544	Slide Block	1
15	089240063045	Compression Spring	1
16	089110101033	Washer (OD16 x ID1/4 x 1t)	2
17	089037007085	Rear Clamp	1
18	089110102180	Lock Nut (1/4-20)	1
19	089240063046	Block	1
20	089110101011	Screw (M4 x 10 mm, Truss Hd.)	2



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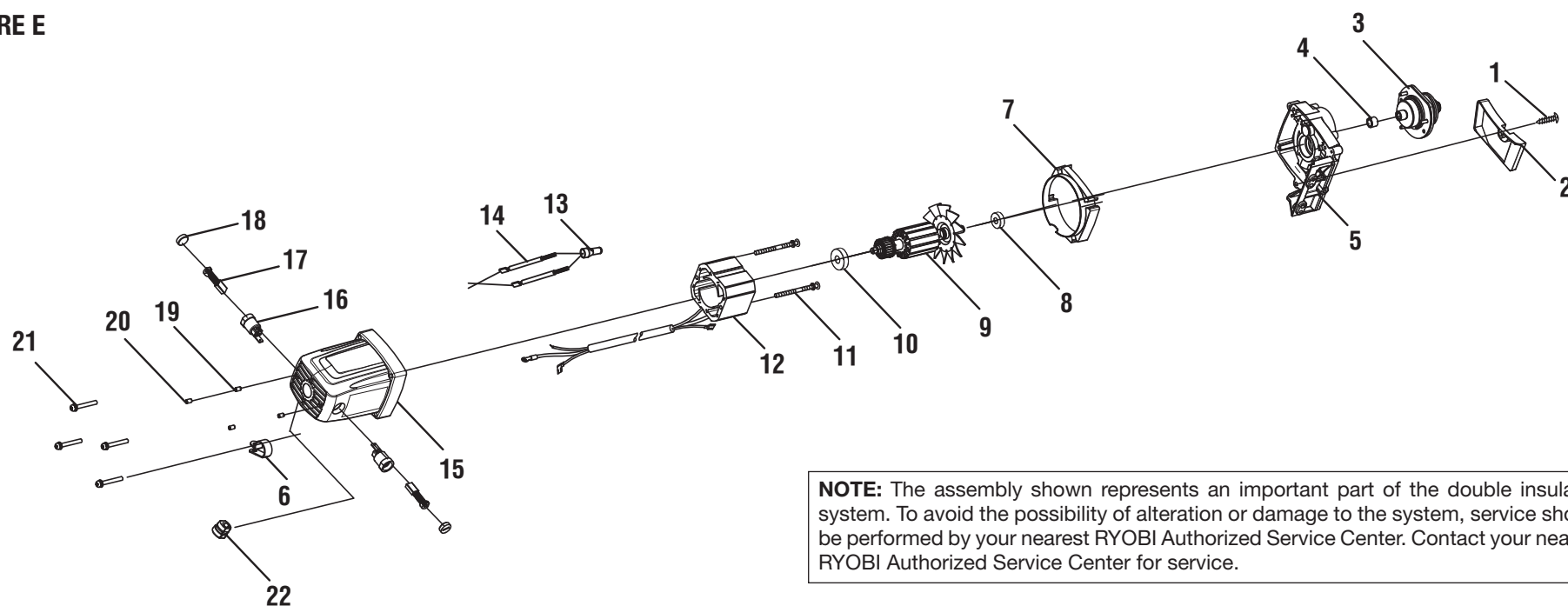
FIGURE D



PARTS LIST — FIGURE D

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	089240063048	Miter Gauge Rod	1
2	089240063049	Pointer	1
3	080015001662	Screw (3/16-24 x 1/4 in., Round. Hd.)	1
4	089037007078	Screw (M4 x 14.8 mm, Hex Hd.)	1
5	089240035078	Miter Gauge	1
6	089240063076	Nylon Washer (OD16 x ID6.5 x 2t)	1
7	080015001560	Washer (OD16 x ID6.5 x 2t)	1
8	089040002005	Miter Gauge Knob	1
9	089040002006	Miter Gauge Cap	1

FIGURE E

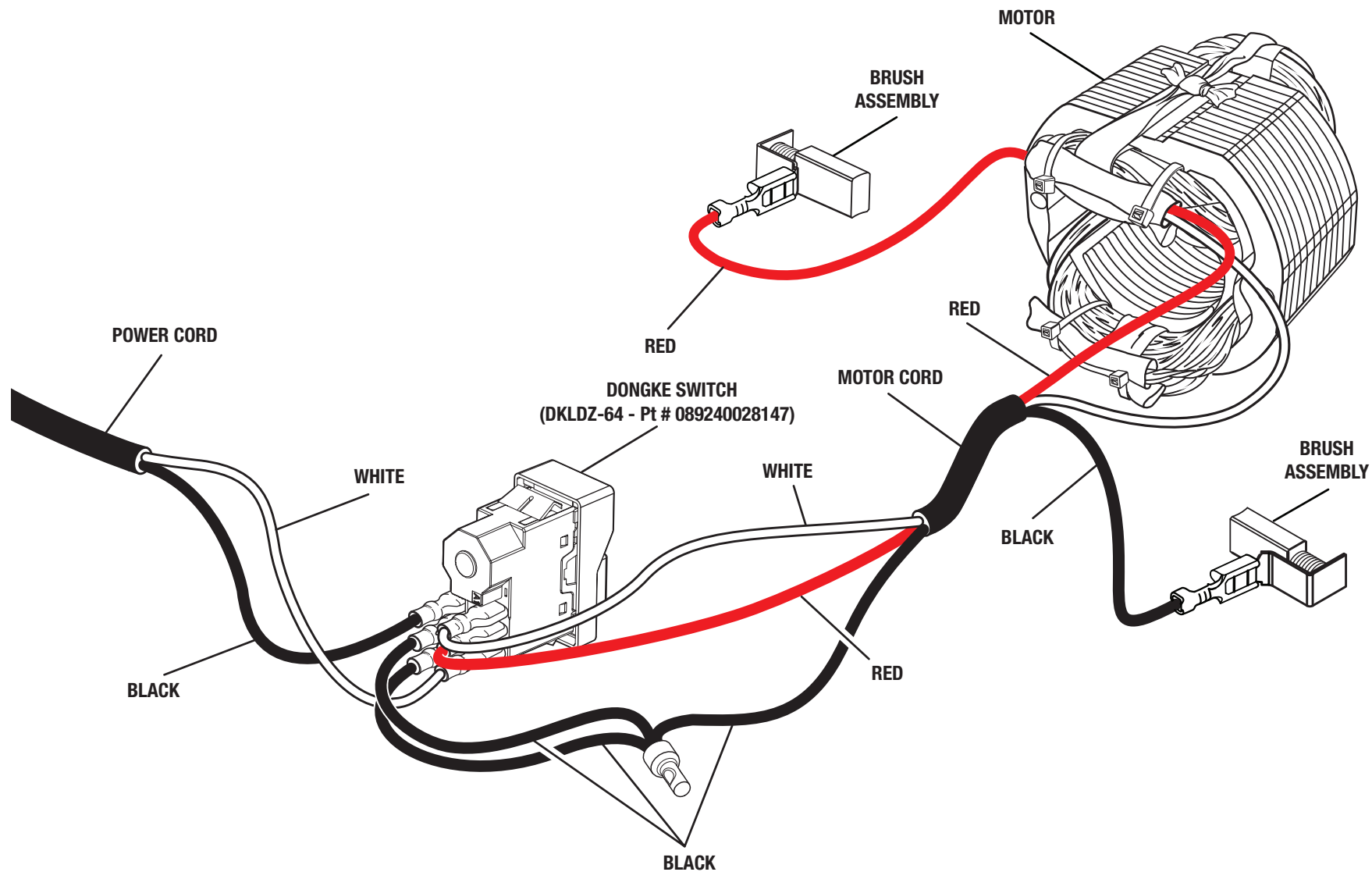


NOTE: The assembly shown represents an important part of the double insulated system. To avoid the possibility of alteration or damage to the system, service should be performed by your nearest RYOBI Authorized Service Center. Contact your nearest RYOBI Authorized Service Center for service.

PARTS LIST — FIGURE E

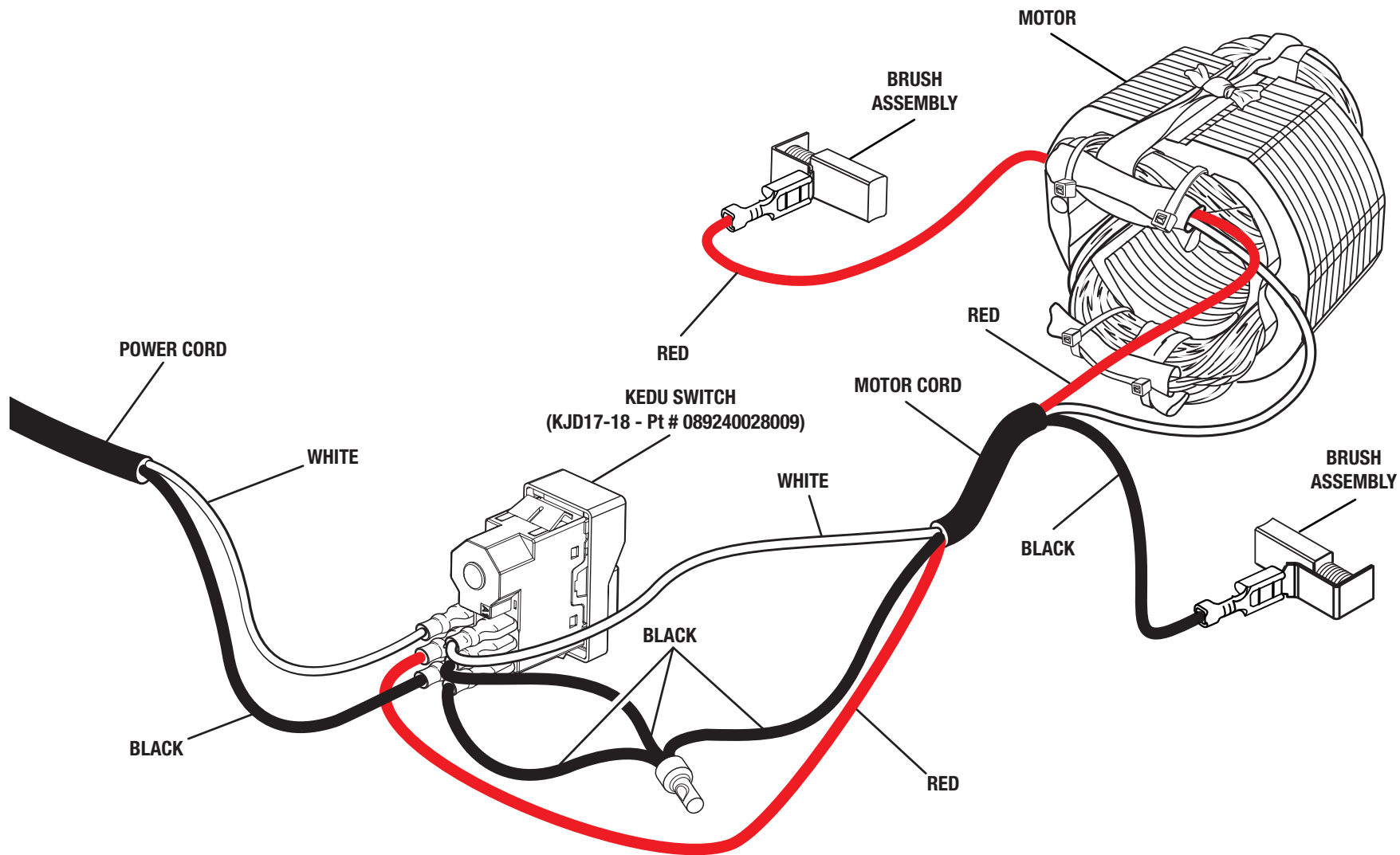
KEY NO.	PART NO.	DESCRIPTION	QTY.
1	089240063083	Screw (17 mm, Self-Tapping)	1
2	089240063018	Gear Box Cover	1
3	089240063705	Arbor Assembly	1
4	089110102263	Needle Bearing	1
5	089240063082	Gear Box Assembly w/Bearing (inc. Key 1)	1
6	089110101081	Wire Clamp	1
7	089240063021	Baffle	1
8	089006017099	Needle Bearing	1
9	089240063706	Armature Assembly	1
10	089006017086	Needle Bearing	1
11	089290001182	Screw w/Washer (M5 x 65 mm, Truss Hd.)	2

KEY NO.	PART NO.	DESCRIPTION	QTY.
12	089240063707	Field Assembly	1
13	089240021020	Wire Connector	1
14	089240035016	Motor Cord	2
15	089240063708	Motor Housing Assembly (Inc. Keys 16 & 19-20)	1
16	089006017091	Brush Holder	2
17	089240063024	Brush Assembly	2
18	089006017093	Brush Cap	2
19	089240063023	Set Screw (M5 x 5 mm)	2
20	089006017090	Set Screw (M5 x 8 mm)	2
21	089006017089	Screw w/Washer (M5 x 40 mm)	4
22	089240015140	Strain Relief	1

**WIRING DIAGRAM**



RTS08/RTS08T



WIRING DIAGRAM