

REPAIR SHEET

BRAND

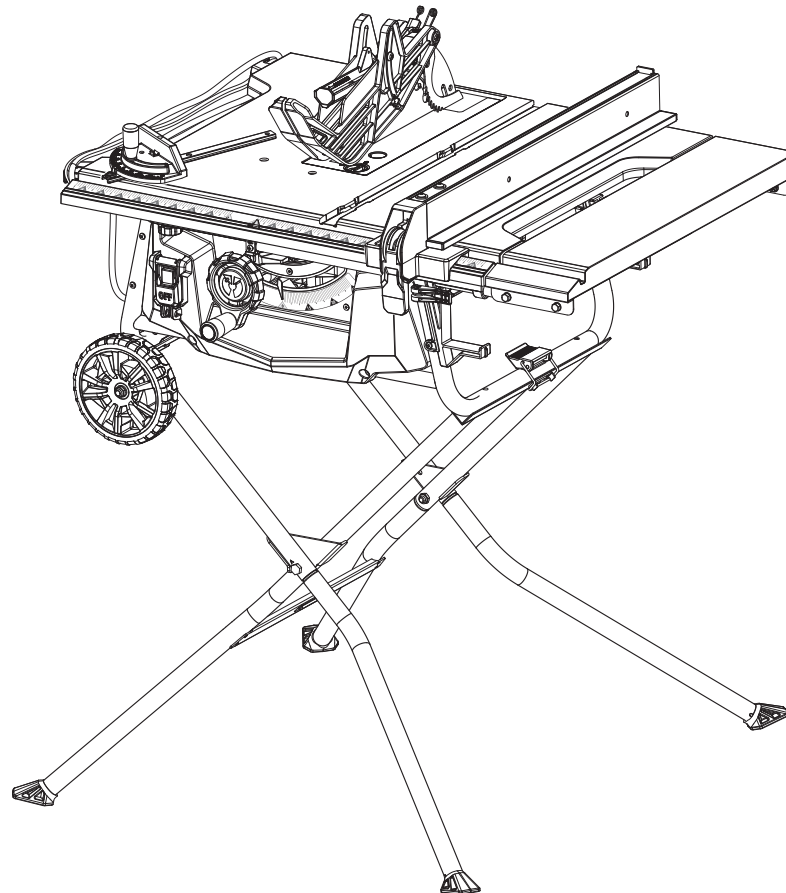
RYOBI

MODEL NO.

RTS23/RTS23T

DESCRIPTION

10 in. Table Saw

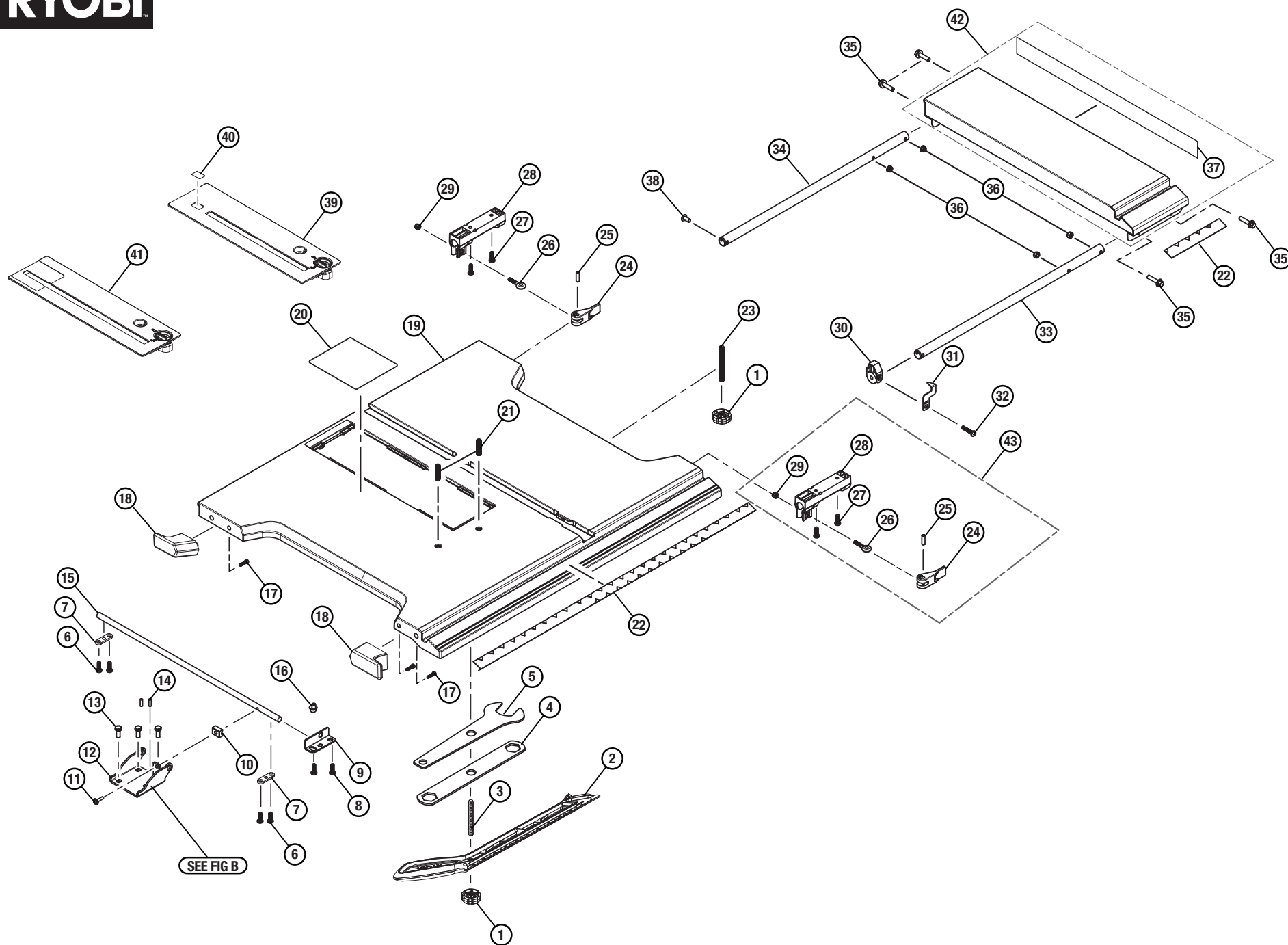


TTI CONSUMER POWER TOOLS, INC.

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

12-9-24 (Rev:08)

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.





RTS23/RTS23T

PARTS LIST — FIGURE A

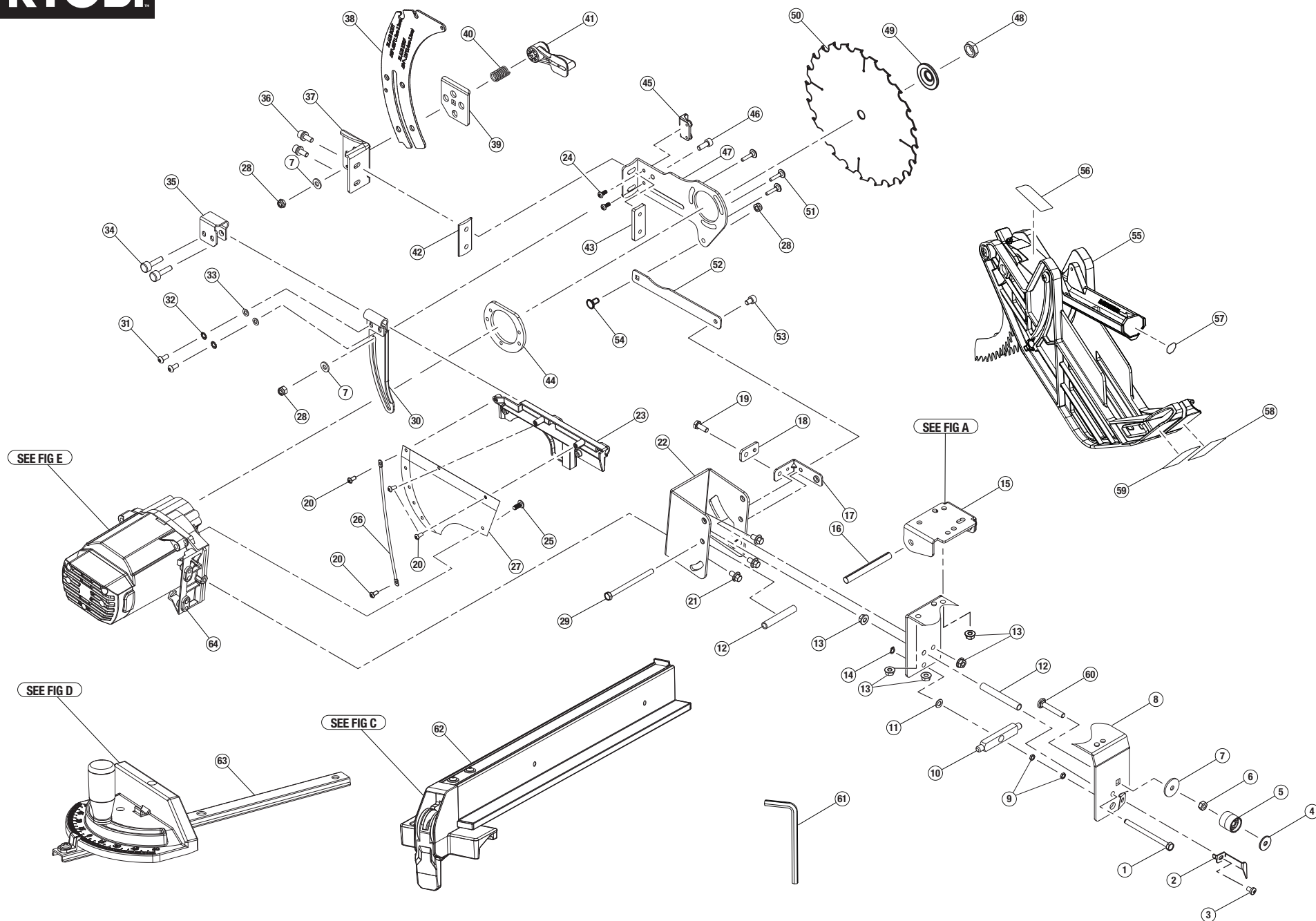
KEY NO.	PART NO.	DESCRIPTION	QTY.
1	089240035006	Knob	2
2	089240035007-CN	Push Stick	1
	089240081016-VN		
3	089240035005	Set Screw (M8 x 60 mm)	1
4	080015001505-CN	Combination Blade Wrench	1
	089240081015-VN		
5	080015001506-CN	Open End Wrench	1
	089240081014-VN		
6	089110101024	Screw w/Washer (M6 x 12 mm, Hex. Soc. Hd.)	4
7	089240035067	Pivot Bracket Holding Plate	2
8	089110101021	Screw w/Washer (M6 x 15 mm, Hex Soc. Hd.)	2
9	089240035069	Adjustment Plate	1
10	080015001443	Block	1
11	089037007011	Screw w/Washer (M5 x 20 mm, Hex Hd.)	1
12	089240015042-CN	Upper Bracket	1
	089240081022-VN		
13	080015001446	Screw (1/4-20 x 3/4 in., Hex Flange Hd.)	3
14	080015001445	Spring Pin (D4 x 13 mm)	2
15	089240035033	Rod	1
16	089240035068	Eccentric Shaft	1
17	089240016027	Screw (M4 x 15 mm, Hex. Soc. Hd.)	4
18	089240016028	Cord Wrap Support	2
19	089240036701	Table Assembly	1
20	089290001909	Styrofoam Removal Warning Label	1
21	089240035002	Set Screw (M8 x 30 mm)	2
22	089240036902	Rip Scale Label	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
23	089240035003	Set Screw	1
24	089240016036	Lock Lever	2
25	089110101016	Spring Pin (Roll Pin)	2
26	089240062001	Lever Screw	2
27	089110101014	Screw (#10 x 1/2 in.)	4
28	089110101013	Extension Table Holder	2
29	089110101012	Lock Nut (M5)	2
30	089240016123	Rip Indicator Mount	1
31	089240016122	Right Scale Indicator	1
32	089110101041	Screw (M4 x 25 mm, Truss Hd.)	1
33	089240016124	Front Extension Rod	1
34	089240016125	Rear Extension Rod	1
35	089037011027	Screw (M6 x 25 mm)	4
36	089240016006	Lock Nut (M6)	4
37	089240016903	Stand Instruction Label	1
38	089110101011	Truss Screw (M4 x 10 mm)	1
39	089240036001	Optional Dado Throat Plate Assembly (Inc. Key No. 40)	1
40	089240028911	Dado Throat Plate Label	1
41	089240035711-CN	Throat Plate Assembly	1
	089240081703-VN		
42	089240062705-CN	Extension Table w/Label (Inc. Key Nos. 22 & 37)	1
	089240082702-VN	Extension Table w/Label (Inc. Key Nos. 22 & 37)	1
43	089240062701	Extension Holder Assembly (Inc. Key Nos. 24-29)	1
	Not Shown:		
	995000814	Operator's Manual	

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

VN = Vietnam





RTS23/RTS23T

PARTS LIST — FIGURE B

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	089240035037	Screw (1/4-20 x 87 mm, Hex Hd.)	1
2	089240035012	Bevel Indicator	1
3	089240015054	Screw w/Washer (M4 x 8 mm, Round Hd.)	1
4	089240063075	Washer (OD22 x ID6.5 x 2.5t)	1
5	089240035013	Spacer	1
6	080015001455	Hex Nut (1/4-20)	1
7	089110101033	Washer	3
8	089240015209-CN	Work Plate	1
	089240081024-VN		
9	089037007034	Hex Nut (3/8-16)	2
10	089037007033	Block	1
11	089037011047	Washer (OD13 x ID6.5 x 0.5t)	1
12	089240035039	Spacer	2
13	080015001603	Lock Nut (1/4-20)	5
14	089037007029	C-Ring	1
15	089240035075	Middle Bracket	1
16	080015001458	Spring Pin (D8 x 90 mm)	1
17	089240015045	Mounting Bracket	1
18	089240015047	Support Board	1
19	080015001446	Screw (1/4-20 x 3/4 in., Hex Flange Hd.)	1
20	089240061005	Screw (M4 x 12 mm)	4
21	080015001436	Screw (M6 x 18 mm, Hex Flange Hd.)	3
22	089037007016-CN	Motor Bracket	1
	089240081023-VN		
23	089240015048	Bracket (Guard Fabric)	1
24	089240035030	Screw (M4 x 10 mm)	2
25	089240061006	Screw (#8-32 UNC x 3/8 in.)	1
26	089240035036	Linkage B	1
27	089240035035	Guard Fabric	1
28	089110101101	Lock Nut (M6)	3
29	080015001437	Screw (1/4-20 x 3-1/4 in. Hex Hd.)	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
30	089037007098	Support Plate	1
31	089037007101	Screw (M5 x 10 mm, Button Hd.)	2
32	089037007100	Washer (D5)	2
33	089037007099	Washer (OD12 x ID5 x 1.5t)	2
34	089240015072	Screw w/Washer (M5 x 25 mm)	2
35	089240015073	Bracket	1
36	089037007022	Screw w/Washer (M6 x 20 mm, Hex Soc. Hd.)	2
37	089240035073	Riving Knife Base	1
38	089240036013	Riving Knife	1
39	089037011030	Bracket	1
40	089037007096	Compression Spring	1
41	089037007709	Lever Assembly	1
42	089037007021	Clamp	1
43	089037007020	Clamp Lock	1
44	089037007097	Lever Support	1
45	089240035032	Stop Plate	1
46	089037007018	Screw (M6 x 15 mm, Hex Soc. Hd.)	1
47	089037007019-CN	Lever	1
	089240081021-VN		
48	080015001410	Blade Nut (5/8-18)	1
49	089240035010	Outer Blade Washer	1
50	089240035011	Blade (10 in., 24 Tooth)	1
51	089037007017	Screw (M4 x 0.7 mm)	3
52	089037007012	Pull Rod	1
53	089240062003	Screw (M6 x 8 mm, Special Hex. Soc. Hd.)	1
54	089037007015	Carriage Bolt (M6 x 15.5 mm)	1
55	089240036706	Blade Guard Assembly w/AKP (Inc. Key Nos. 56-59)	1
56	089037007908	Warning Label (Upper Barrier)	1
57	089240028910	No Hands Warning Label	1
58	089240028909	Side Barrier Warning Label (Right)	1
59	089240028908	Side Barrier Warning Label (Left)	1

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

VN = Vietnam



RTS23/RTS23T

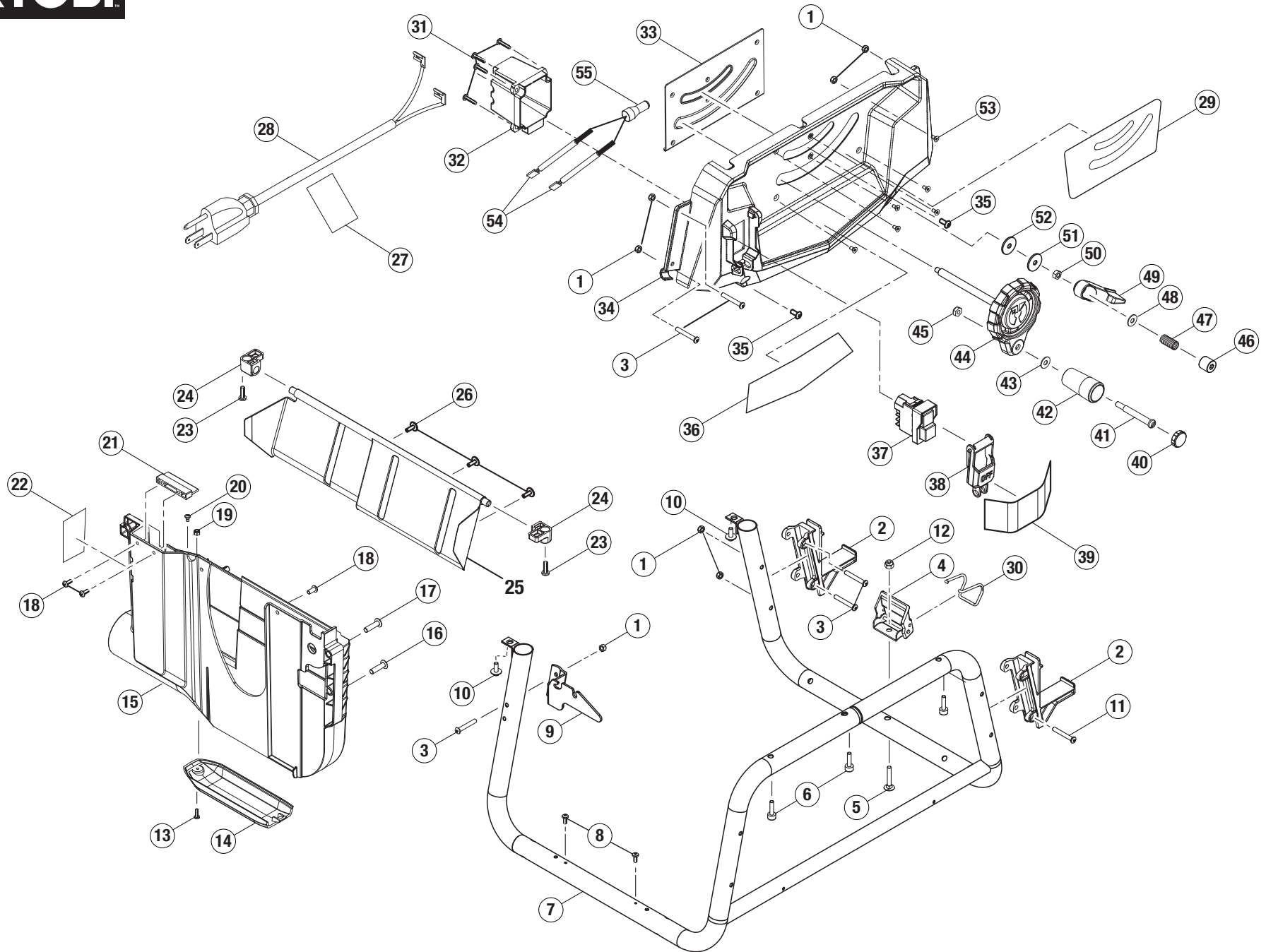
PARTS LIST — FIGURE B

KEY NO.	PART NO.	DESCRIPTION	QTY.
60	089240036028	Carriage Bolt (1/4 in. x 62 mm)	1
61	089110102005	Hex Key Wrench (M5 x 75 mm)	1
62	089240035705	Rip Fence Assembly (See Figure D)	1
63	089240035706	Miter Gauge Assembly (See Figure E)	1
64	089240035703	Motor Assembly (See Figure F)	1

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

VN = Vietnam





RTS23/RTS23T

PARTS LIST – FIGURE C

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	089110101012	Lock Nut (M5)	7
2	089240035027-CN	Storage Bracket	2
	089240082004-VN	Storage Bracket	2
3	089240035018	Screw (M5 x 35 mm, Round Hd.)	5
4	089240016004	Clamp Plate Assembly	1
5	089240016002	Screw (M6 x 33 mm, Soc. Cap Hd.)	1
6	089240015002	Screw (M6 x 40 mm, Hex Soc. Hd.)	3
7	089240036020-CN	Frame	1
	089240082003-VN	Frame	1
8	089240016119	Screw (M6 x 18 mm, Pan Hd.)	2
9	089240036021	Storage Bracket	1
10	089240035028	Screw (M5 x 15 mm, Pan Hd.)	2
11	089240035026	Screw (M5 x 42 mm, Pan Hd.)	2
12	089240016006	Lock Nut (M6)	1
13	089240015084	Screw (M4 x 10 mm, Truss Hd.)	1
14	089240015202	Dust Chute Door	1
15	089240036705-CN	Dust Chute (Inc. Key No. 22)	1
	089240081701-VN		
16	089240015087	Screw (M6 x 20 mm, Truss Soc. Hd.)	1
17	089240015088	Screw (M6 x 30 mm, Truss Soc. Hd.)	1
18	089240015116	Screw (M4 x 10 mm, Truss Hd.)	3
19	089240015089	Lock Nut (M4)	1
20	089240015188	Screw (M4 x 5 mm, Truss Hd.)	1
21	089240035009	Dust Chute Cover	1
23	089240015090	Screw (M5 x 12 mm, Pan Hd.)	2
24	089240015091	Holder	2
25	089240035008	Dust Cover	1
26	089240015093	Screw (M4 x 12 mm, Truss Hd.)	3
27	089240028906-CN	Power Cord Warning Label	1
	089240081905-VN		

KEY NO.	PART NO.	DESCRIPTION	QTY.
28	089240061703	Power Cord (Inc. Key No. 27)	1
29	089240035903	Front Panel/Bevel Scale Label	1
30	089240016005	Wire Lock	1
31	089240022022	Screw (M4 x 15 mm, Round Hd.)	4
32	089240061003-CN	Switch Box	1
	089240081017-VN		
33	089240036019-CN	Reinforcement Plate	1
	089240081019-VN		
34	089240062708	Front Panel Assembly (Inc. Key Nos. 29 & 36)	1
35	089240015019	Screw (M5 x 12 mm, Truss Hd.)	2
36	089240035904	Front Panel Warning Label	1
37	089240028147	Switch (DONGKE DKLDZ-6-4)	1
38	089240036026-CN	Switch Cover	1
	089240081018-VN		
39	089037011910	Switch Warning Label	1
40	089240035023	Hand Grip Cap	1
41	089045008061	Screw (1/4-24 x 55 mm)	1
42	089240015010	Hand Grip	1
43	080015001479	Washer (OD13 x ID1/4 in. x 1.5t)	1
44	089240061704	Handwheel Assembly	1
45	089110102180	Lock Nut (1/4-20)	1
46	089037007108	Cap	1
47	089240035071	Compression Spring	1
48	089110101033	Washer (OD16 x ID1/4 in. x 1t)	1
49	089240036027	Bevel Lock Lever	1
50	080015001455	Hex Nut (1/4-20 UNC)	1
51	089240015201	Washer (OD25 x ID6.5 x 1.5t)	1
52	089240015200	Washer (OD20 x ID6.5 x 2t)	1
53	080015001473	Screw (M4 x 7 mm, Flat Hd.)	6

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

VN = Vietnam



RTS23/RTS23T

PARTS LIST — FIGURE C

KEY NO.	PART NO.	DESCRIPTION	QTY.
54	089240035016-CN	Output Wire (Black 14awg x 60 mm)	2
	089240081035-VN		
55	089240021020	Wire Connector	1
56	089240035079	Screw	1
57	089110101069	Cord Clamp	1

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.

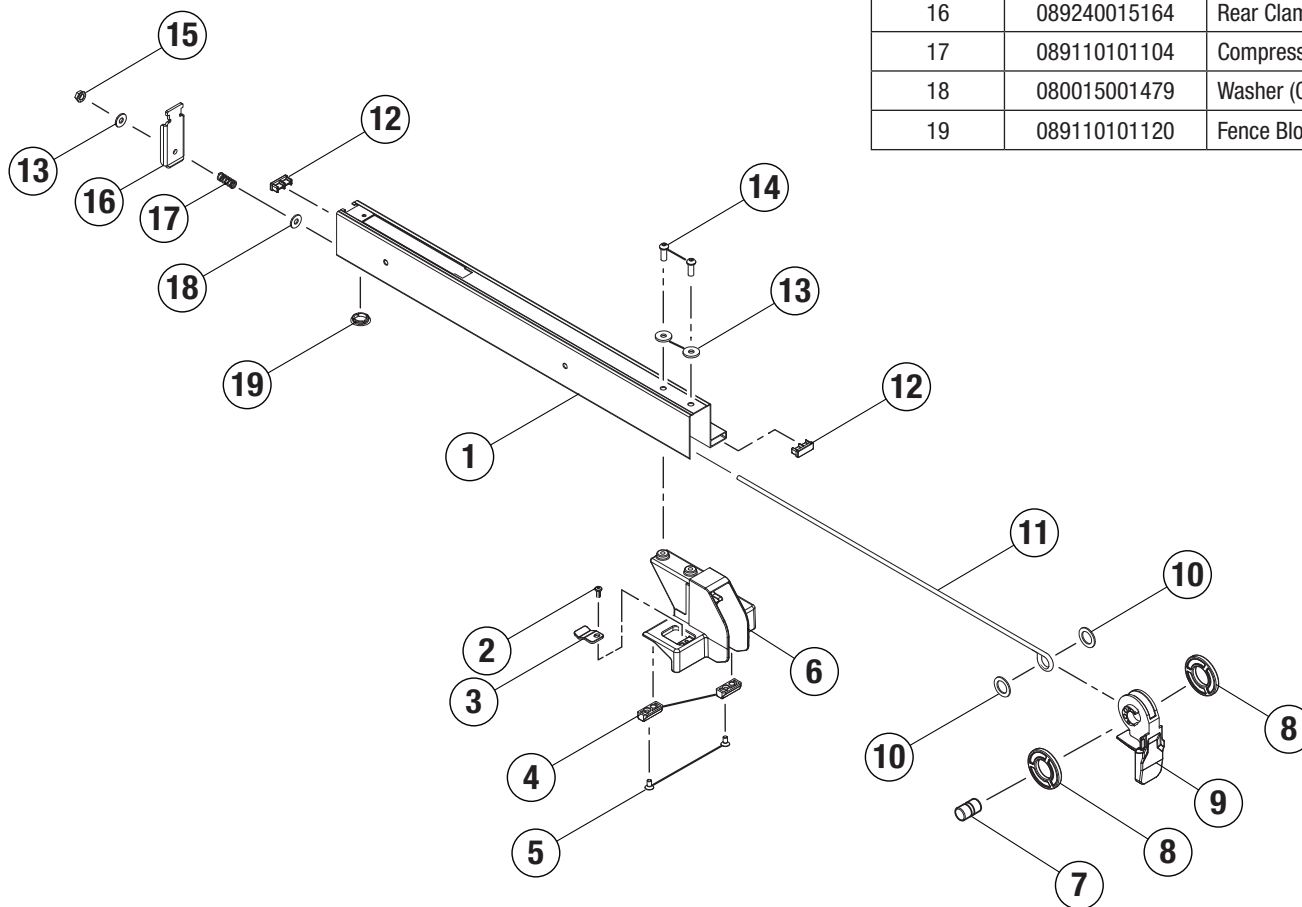
CN = China

VN = Vietnam

PARTS LIST – FIGURE D

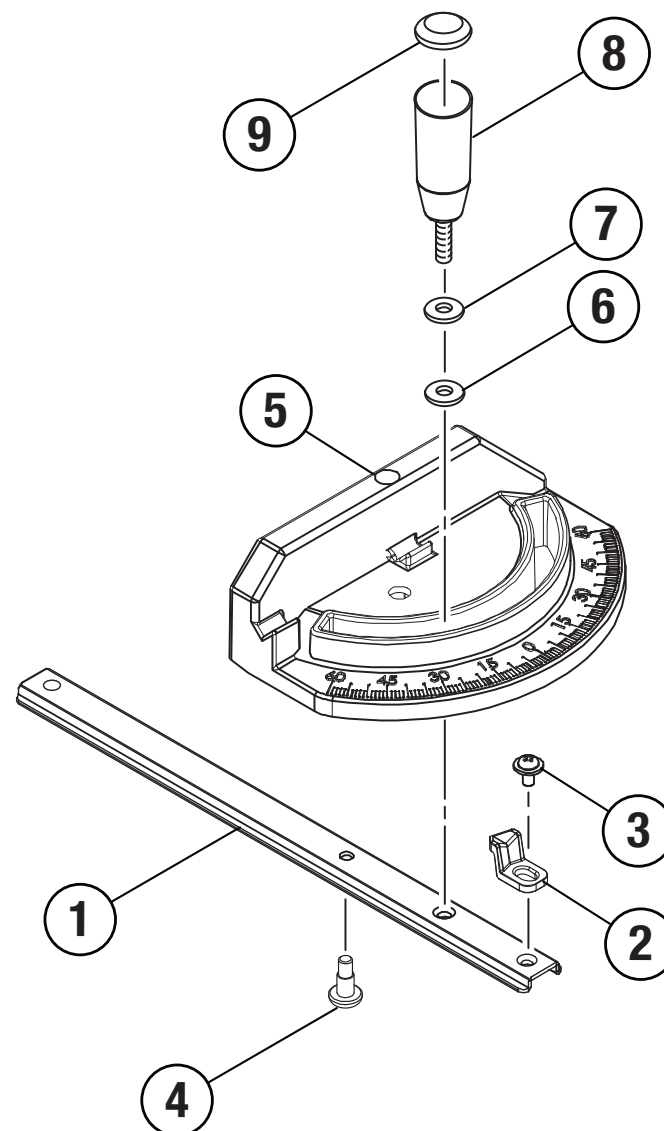
KEY NO.	PART NO.	DESCRIPTION	QTY.
1	089240035057	Rip Fence Extrusion	1
2	089240015197	Screw (M4 x 10 mm, Truss Hd.)	1
3	089240035058	Indicator	1
4	089240035077	Glide Block	2
5	089240015170	Screw (8-32 x 8.5 mm, Flat Hd.)	2
6	089240015167-CN	Fence Bracket	1
	089240081032-VN		

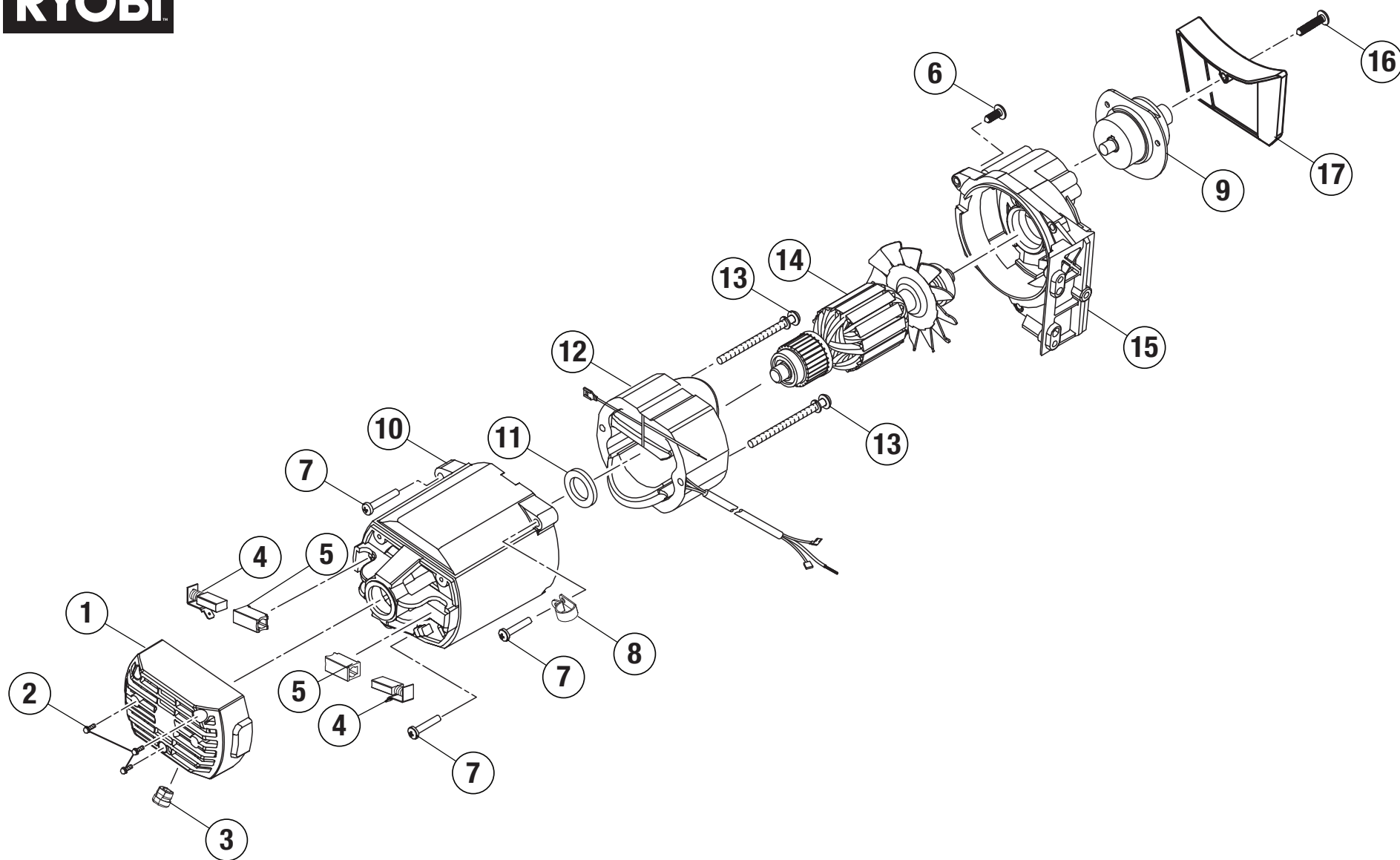
KEY NO.	PART NO.	DESCRIPTION	QTY.
7	089110101114	Crank Shaft	1
8	089110101115	Crank Gasket	2
9	089240015158	Fence Lever	1
10	089110101108	Washer (OD25 x ID16 x 1.5t)	2
11	089240035054	Rod	1
12	089240035055	Fence End Cap	2
13	089110101102	Washer (OD16 x ID6.5 x 1.5t)	3
14	089240061001	Screw (M6 x 15 mm, Truss Soc. Hd.)	2
15	089110101101	Lock Nut (M6)	1
16	089240015164	Rear Clamp	1
17	089110101104	Compression Spring	1
18	080015001479	Washer (OD13 x ID1/4 x 1.5t)	1
19	089110101120	Fence Block	1



PARTS LIST — FIGURE E

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	089240035060	Miter Gauge Rod	1
2	089240035059	Pointer	1
3	080015001662	Screw w/Washer (3/16-24 x 1/4 in.)	1
4	089037007078	Screw (M4 x 14.8 mm)	1
5	089240035078-CN	Miter Gauge	1
	089240081033-VN		
6	080015001475	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





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.

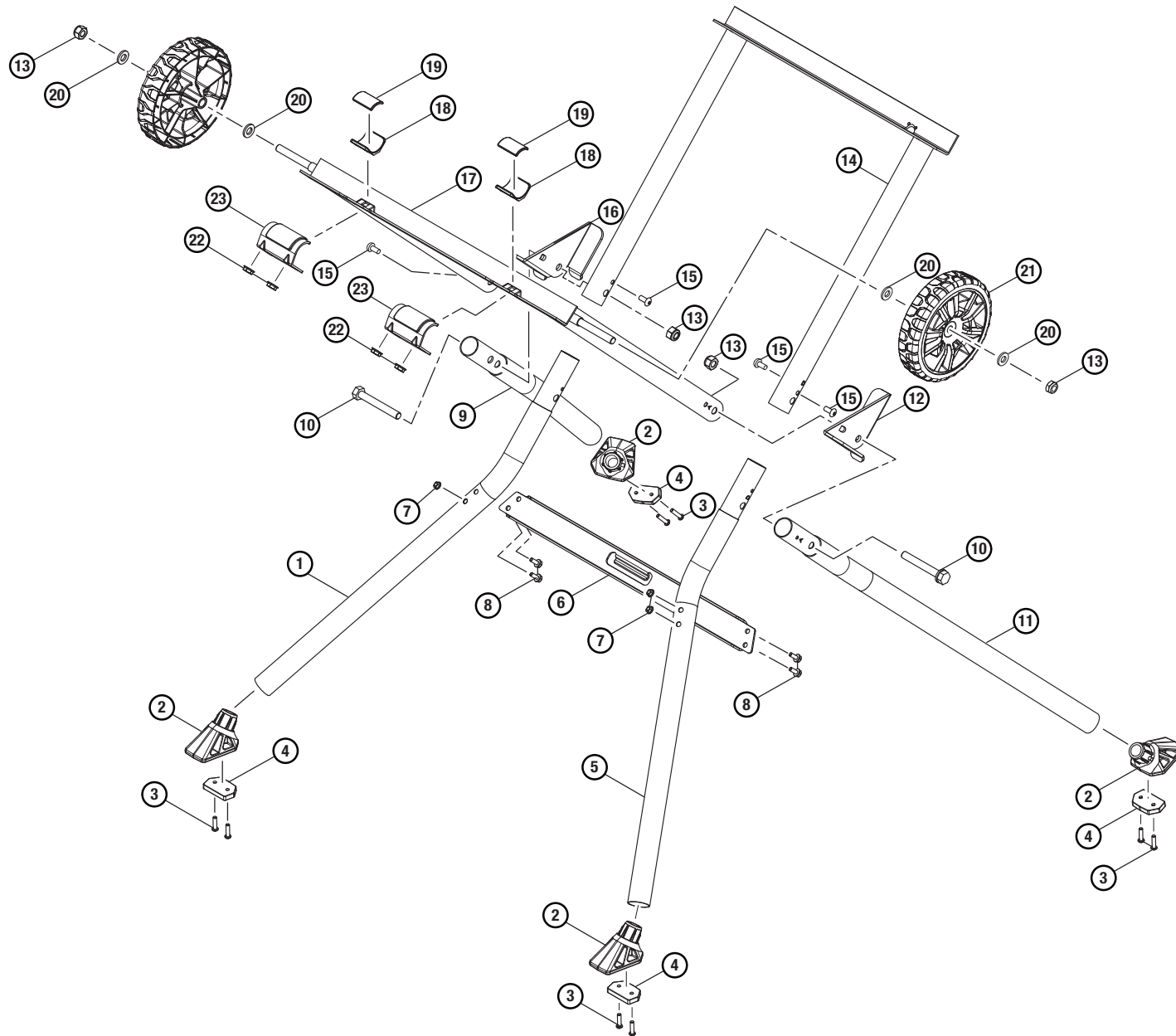


RTS23/RTS23T

PARTS LIST — FIGURE F

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	08924001512-CN	Motor End Cap	1
	089240081029-VN		
2	089240015028	Screw (M4 x 12 mm, Round Hd.)	3
3	089240015140	Strain Relief	1
4	080015001641	Brush Assembly	2
5	089037007050	Brush Holder	2
6	089240061006	Screw (#8-32 UNC x 3/8 in.)	1
7	089240061007	Screw w/Washer (M5 x 35 mm, Round. Hd.)	3
8	089110101081	Wire Clamp	1
9	089240035043	Gear Box w/Needle Bearing Assembly	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
10	089240015121-CN	Motor Housing	1
	089240081028-VN		
11	080015001424	Wavy Washer (M6 x 16 mm)	1
12	089240035046	Field Assembly	1
13	089290001182	Screw w/Washer (M5 x 65 mm, Truss Hd.)	2
14	089240061705	Armature Assembly w/Bearings	1
15	089240062707	Gear Box Assembly w/Bearing	1
16	089240063083	Screw (17 mm, Self-Tapping)	1
17	089240035042	Gear Box Cover	1





RTS23/RTS23T

PARTS LIST — FIGURE G

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	089240036008-CN	Left Rear Extension Tube	1
	089240082012-VN	Left Rear Extension Tube	1
2	089240036002	Plastic Foot Pad	4
3	089240015116	Screw (M4 x 10 mm, Truss Hd.)	8
4	089240035064	Rubber Foot Pad	4
5	089240036009-CN	Left Extension Tube	1
	089240082013-VN	Left Extension Tube	1
6	089240036004-CN	Cross Brace	1
	089240082007-VN	Cross Brace	1
7	089240016090	Lock Nut (M5)	4
8	089240016089	Screw (M5 x 35 mm)	4
9	089240036005-CN	Right Rear Extension Tube	1
	089240082008-VN	Right Rear Extension Tube	1
10	089240015181	Screw (M8 x 65 mm, Hex Hd.)	2
11	089240036003-CN	Right Extension Tube	1
	089240082006-VN	Right Extension Tube	1
12	089240015186-CN	Front Support Plate	1
	089240082017-VN		

KEY NO.	PART NO.	DESCRIPTION	QTY.
13	000999130010	Lock Nut (M8)	4
14	089240036007-CN	Inner Leg Tube	1
	089240082011-VN	Inner Leg Tube	1
15	089240015019	Screw (M5 x 12 mm, Pan Hd.)	4
16	089240015183-CN	Rear Support Plate	1
	089240082016-VN		
17	089240036006-CN	Outer Leg Tube	1
	089240082010-VN	Outer Leg Tube	1
18	089240036014	Lower Plate Bracket	2
19	089240016098	Upper Plate Bracket	2
20	089240016095	Washer (OD16 x ID8 x 2t)	4
21	089240016096	Wheel	2
22	089240016006	Lock Nut (M6)	4
23	089240016094-CN	Clamp	2
	089240082009-VN	Clamp	2
	Not Shown:		
	089240036704	Complete Stand Assembly (Inc. Key Nos. 1-23)	

