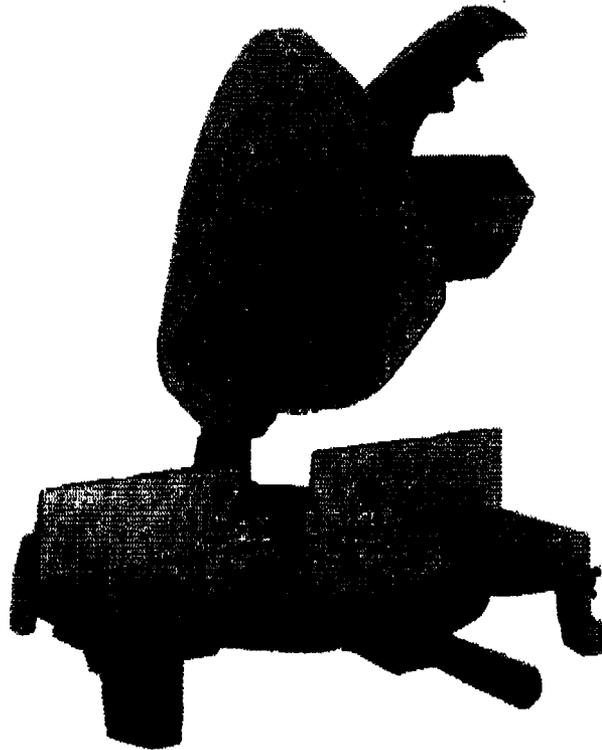


RYOBI.

OWNER'S OPERATING MANUAL

10" SUPER MITER SAW / TS-254

DOUBLE INSULATED



SPECIFICATIONS:	
Blade Diameter	10"
Blade Arbor	5/8"
No load speed	5,000 RPM
Rating	120 volts, 60 Hz, AC
Input	12.5 Amperes
Cutting capacity at 45° Maximum Width	2-9/32"H x 3-15/16"W
at 45° Maximum Height	3-9/16"H x 3-1/32"W
Cutting Capacity at 0° Maximum Width	2-9/32"H x 5-9/16"W
at 0° Maximum Height	3-9/16"H x 4-7/32"W
Net Weight	33 lbs.

THANK YOU FOR BUYING A RYOBI MITER SAW.

Your new miter saw has been engineered and manufactured to Ryobi's high standard for dependability, ease of operation, and operator safety. Properly cared for, it will give you years of rugged, trouble-free performance.

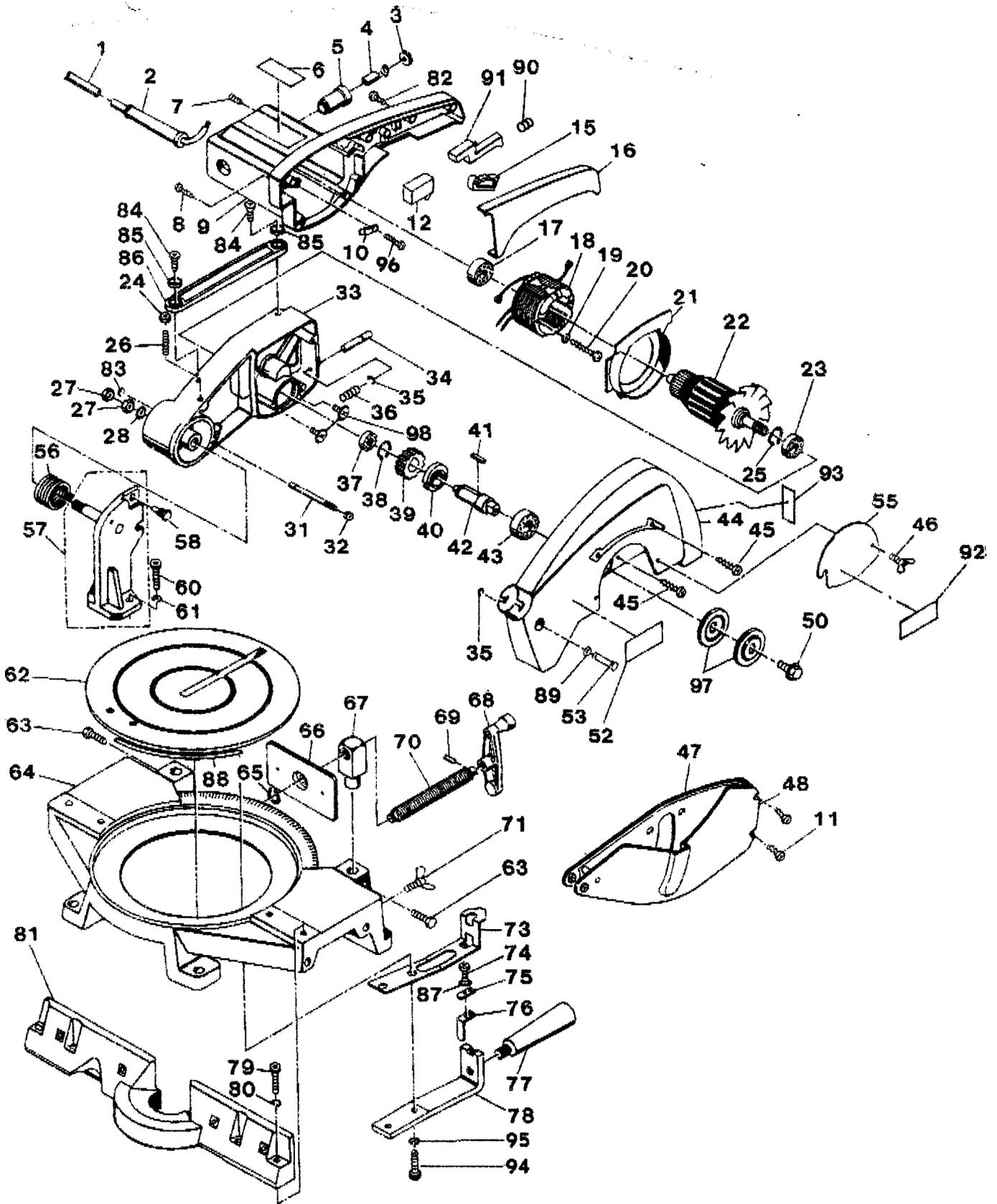
CAUTION: Carefully read through this entire owner's manual before using your new miter saw. Pay close attention to the Rules for Safe Operation, Warnings, and Cautions. If you use your miter saw properly and only for what it is intended, you will enjoy years of safe, reliable service.

Please fill out and return the Warranty Service Registration Card so that we can be of future service to you.

Thank you again for buying Ryobi tools.

SAVE THIS MANUAL FOR FUTURE REFERENCE

EXPLODED VIEW



PARTS LIST

KEY NO.	PART NO.	DESCRIPTION	QTY.	KEY NO.	PART NO.	DESCRIPTION	QTY.
1	969275-006	CORD	1	55	038800-030	SAFETY COVER	1
2	085800-470	CORD HOLDER 11.1MM	1	56	061800-500	TORSION SPRING	1
3	085701-070	BRUSH CAP	2	57	030900-010	BRACKET ASSEMBLY	1
4	065400-700	CARBON BRUSH (1 PAIR)	1	58	061302-570	LOCK BOLT	1
5	085700-970	BRUSH HOLDER	2	60	092210-250	HEX SOCKET HEAD BOLT M10 x 25	2
6	039100-300	DATA PLATE	1	61	095510-000	SPRING WASHER M10	3
7	092805-100	CLAMP SCREW M5 x 10	2	62	033200-010	TURN TABLE	1
8	090405-250	TAPPING SCREW (S) M5 x 25	4	63	091908-120	HEX HEAD BOLT M8 x 12 (OPTIONAL)	2
9	038000-120	MOTOR HOUSING	1	64	038500-080	BASE PLATE	1
10	065600-570	CORD CLAMP 11.1MM	1	65	095112-000	RETAINING RING 5-12 (OPTIONAL)	1
11	090604-140	TAPPING SCREW (B) M4 x 14	3	66	031500-020	CLAMP PLATE (OPTIONAL)	1
12	035500-010	TRIGGER SWITCH SP215R-2	1	67	061503-260	WISE HOLDER (OPTIONAL)	1
15	039600-030	TRIGGER	1	68	068314-550	HANDLE ASSEMBLY (OPTIONAL)	1
16	038300-050	HANDLE COVER	1	69	094040-180	SPRING PIN 4 x 18 (OPTIONAL)	1
17	098962-005	BALL BEARING #6200LLH	1	70	061302-580	WISE SCREW (OPTIONAL)	1
18	971200-001	FIELD ASSEMBLY	1	71	092406-250	WING BOLT M6 x 25 (OPTIONAL)	2
19	095505-000	SPRING WASHER M5	2	73	031500-030	LOCK PLATE	1
20	090705-550	TAPPING SCREW (B) M5 x 55	2	74	090205-080	PHILLIPS PAN SCREW M5 x 8	1
21	084900-840	FAN CASING	1	75	039500-020	INDEXING PLATE	1
22	971042-001	ARMATURE	1	76	061503-770	PLATE	1
	971042-005	ARMATURE WITH BEARINGS	1	77	030602-650	LOCK HANDLE	1
23	098960-025	BALL BEARING #6002LLH	1	78	038300-040	CONTROL ARM	1
24	093210-000	HEX NUT M10	1	79	092208-450	HEX SOCKET HEAD BOLT M8 x 45	4
25	622167-007	RETAINING RING	1	80	095508-000	SPRING WASHER M8	4
26	092810-200	CLAMP SCREW M10 x 20	1	81	039500-010	FENCE	1
27	093212-000	HEX NUT M12	2	82	090604-250	TAPPING SCREW (B) M4 x 25	3
28	095712-000	WASHER 12 x 26 x 2.5	1	83	095006-000	RETAINING RING E-6	1
29	083700-390	RUBBER SLEEVE	1	84	091306-150	PHILLIPS OVAL SCREW M6 x 15	2
30	090404-160	TAPPING SCREW (S) M4 x 16	1	85	061502-450	WASHER, AUXILIARY HANDLE	2
31	061200-680	STOP PIN	1	86	068302-250	AUXILIARY HANDLE	1
32	039000-010	"C" RING	1	87	095705-000	WASHER 5 x 10 x 1	1
33	038000-080	FRAME	1	88	061503-680	SLIDE PLATE	4
34	081200-630	SPINDLE LOCK BUTTON	1	89	095606-000	WASHER 6 x 12 x 0.8	1
35	095004-000	RETAINING RING E-4	2	90	031800-020	COMPRESSION SPRING	1
36	061800-080	COMPRESSION SPRING	1	91	033600-020	LOCK OFF LEVER	1
37	098280-000	BALL BEARING #600ZZ	1	92	039200-160	WARNING LABEL	1
38	095120-000	RETAINING RING S-20	1	93	039200-150	DANGER LABEL	1
39	062000-420	FINAL GEAR	1	94	092206-200	HEX SOCKET HEAD BOLT M6 x 20	4
40	069001-500	LOCK RING	1	95	095506-000	SPRING WASHER M6	4
41	061005-090	PARALLEL KEY 4 x 4 x 23	1	96	090604-120	TAPPING SCREW (B) M4 X 12	2
42	030602-550	GEAR SHAFT ASSEMBLY (INCLUDES KEY NOS. 37 - 43)	1	97	068401-030	BLADE WASHER	2
	061100-470	GEAR SHAFT	1	98	998401-001	SCREW (#10-32 X 3/8" WAFER HD.)	2
43	067500-040	BALL BEARING #6004LHZ	1	502	082402-500	BLADE WRENCH (NOT SHOWN)	1
44	038800-020	UPPER BLADE GUARD	1	503	097005-000	5MM HEX KEY (NOT SHOWN)	1
45	090405-120	TAPPING SCREW (S) M5 x 12	4	504	097008-000	8MM HEX KEY (NOT SHOWN)	1
46	092404-060	WING BOLT M4 x 6	2	505	036500-030	CROSSCUT BLADE (NOT SHOWN)	1
47	068802-500	LOWER BLADE GUARD (A)	1		969196-001	OPTIONAL CARBIDE-TIPPED BLADE (NOT SHOWN)	1
48	068802-530	LOWER BLADE GUARD (B)	1	506	063800-460	DUST GUIDE (NOT SHOWN)	1
50	061302-670	ARBOR BOLT M8 x 20	1	—	062900-120	SHIM	AS NEEDED
52	039200-260	LOGO PLATE	1	—	035900-340	LEAD WITH TERMINAL	1
53	061200-690	FULCRUM PIN (B)	1		038800-210	OWNER'S MANUAL	