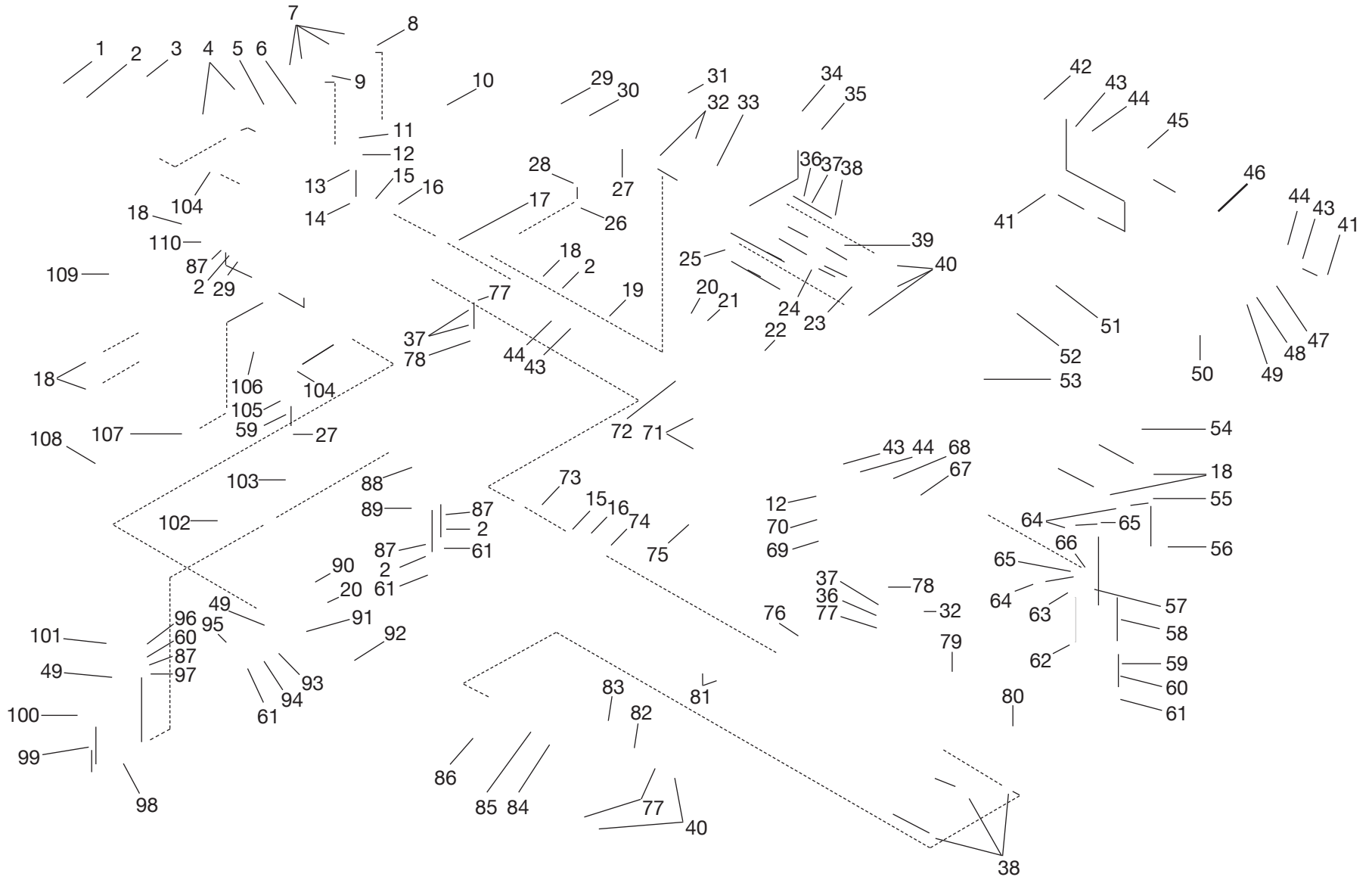


RYOBI
BELT AND DISC SANDER
MODEL NO. BD4600
REPAIR SHEET

RYOBI BELT AND DISC SANDER - MODEL NUMBER BD4600



RYOBI BELT AND DISC SANDER – MODEL NUMBER BD4600

The model number will be found on a plate attached to the motor housing. Always mention the model number in all correspondence regarding your **Belt and Disc Sander** or when ordering repair parts.

PARTS LIST

KEY NO.	PART NUMBER	DESCRIPTION	QTY.	KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	BD46001	PHILLIPS SCREW (M5 X 30 mm).....	2	30	BD46012	CAPACITOR SUPPORT	1
2	BD46040	LOCK WASHER	8	31	BD46011	CAPACITOR	1
3	BD46002	DRIVE BELT COVER	1	32	BD46083	WIRE BUSHING	3
4	BD46003	* SCREW (M8 X 35 mm)	2	33	BD46018	WIRE CONNECTION BOX	1
5	BD46004	WASHER	2	34	BD46016	START RELAY	1
6	BD46080	* SCREW (M6 X 16 mm)	1	35	BD46017	* SCREW (4.2 X 30 mm)	1
7	BD46081	* SCREW (M5 X 10 mm)	4	36	BD46062	FLAT WASHER	5
8	BD46049	MITER GAGE HOLDER	1	37	BD46019	LOCK WASHER	7
9	BD46082	WRENCH HOLDER	1	38	BD46020	* SCREW (M4 X 10 mm)	7
10	BD46010	MOTOR HOUSING	1	39	BD46106	* SCREW (M3 X 4 mm)	2
11	BD46006	* SCREW (M12 X 30 mm)	1	40	BD46022	* SCREW (4.2 X 10 mm)	5
12	BD46105	HEX NUT	2	41	BD46028	BUSHING	2
13	BD46008	LOCK WASHER	1	42	BD46024	SANDING BELT	1
14	BD46009	SCREW SLEEVE	1	43	BD46027	RETAINING RING	4
15	BD46077	* SCREW, LEFT HAND (M5 X 12 mm)	2	44	BD46025	BEARING	4
16	BD46084	WASHER	2	45	BD46026	SANDING BELT IDLER ROLLER	1
17	BD46015	IDLER PULLEY	1	46	BD46029	SANDING BELT IDLER SHAFT	1
18	BD46060	* SCREW (M5 X 20 mm)	8	47	BD46030	ADJUSTING SPRING	1
19	BD46059	BEARING HOUSING	1	48	BD46031	RUBBER PAD	1
20	BD46056	* SCREW (M8 X 16 mm)	3	49	BD46097	WASHER	3
21	BD46055	FLAT WASHER	2	50	BD46033	BELT TRACKING KNOB	1
22	BD46054	WORK REST	1	51	BD46035	BELT TENSION ASSEMBLY	1
23	BD46023	SWITCH	1	52	BD46036	BELT TENSION SPRING	1
24	BD46107	SWITCH GUARD	1	53	BD46037	BELT FRAME	1
25	BD46021	SWITCH BOARD	1	54	BD46038	FRAME COVER	1
26	BD46014	* SCREW (M6 X 8 mm)	1	55	BD46034	PIN (M5 X 10 mm)	1
27	BD46032	* SCREW (M5 X 12 mm)	5	56	BD46041	BELT TENSION LEVER	1
28	BD46013	LOCK WASHER	1	57	BD46110	SPRING	1
29	BD46039	HEX NUT	2	58	BD46042	SCREW SLEEVE	1

WARNING: Improper repair of a double insulated tool can result in damage to the double insulation system possibly causing electrical shock or electrocution. Any repairs requiring disassembly of your tool requires safety testing and should only be performed by a Ryobi Authorized Service Center. For the service center nearest you call 1-800-525-2579.

* Standard Hardware Item – May Be Purchased Locally

RYOBI BELT AND DISC SANDER – MODEL NUMBER BD4600

The model number will be found on a plate attached to the motor housing. Always mention the model number in all correspondence regarding your **Belt and Disc Sander** or when ordering repair parts.

PARTS LIST

KEY NO.	PART NUMBER	DESCRIPTION	QTY.	KEY NO.	PART NUMBER	DESCRIPTION	QTY.
59	BD46065	FLAT WASHER.....	5	89	BD46064	WORK TABLE SUPPORT PLATE	1
60	BD46079	TOOTHED LOCK WASHER.....	2	90	BD46069	* SCREW (M8 X 16 mm)	1
61	BD46066	* SCREW (M5 X 10 mm)	3	91	BD46074	WORK TABLE MOUNTING BLOCK	1
62	BD46044	TENSIONING PLATE	1	92	BD46073	WORK TABLE MOUNTING ROD.....	1
63	BD46045	CONNECTION PLATE	1	93	BD46071	SPRING WASHER.....	1
64	BD46046	OPEN END PIN (M2 X 10 mm).....	3	94	BD46072	WORK TABLE ANGLE POINTER.....	1
65	BD46043	PIN (M5 X 8 mm)	2	95	BD46070	WORK TABLE CLAMP KNOB	1
66	BD46108	* SCREW (M5 X 16 mm)	1	96	BD46094	* SCREW (M5 X 8 mm)	1
67	BD46047	* SCREW (M5 X 6 mm)	3	97	BD46096	MITER GAGE POINTER	1
68	BD46048	BEARING CAP	1	98	BD46101	MITER GAGE BAR	1
69	BD46050	RUBBER PAD.....	1	99	BD46099	PIN.....	1
70	BD46051	* BOLT (M12 X 20 mm)	1	100	BD46098	MITER GAGE HOUSING	1
71	BD46053	* SCREW (M8 X 12 mm)	2	101	BD46095	MITER GAGE KNOB	1
72	BD46057	SANDING BELT DRIVING SHAFT	1	102	BD46068	WORK TABLE RELEASE SLEEVE.....	1
73	BD46075	COG DRIVE BELT.....	1	103	BD46067	WORK TABLE SUPPORT ROD	1
74	BD46076	DRIVING PULLEY.....	1	104	BD46005	* SCREW (M12 X 10 mm)	2
75	BD46052	SANDING BELT DRIVE ROLLER.....	1	105	BD46092	RUBBER FOOT	4
76	BD46058	MOTOR	1	106	BD46007	BOTTOM COVER	1
77	BD46061	TOOTHED LOCK WASHER.....	4	107	BD46103	STRAIN RELIEF	1
78	BD46100	* SCREW (M4 X 8 mm)	2	108	BD46104	POWER CORD	1
79	BD46085	SANDING DISK GUARD	1	109	BD46093	DUST COLLECT COVER	1
80	BD46086	* SCREW (M4 X 16 mm)	1	110	BD46109	MOTOR BRACKET ASSEMBLY	1
81	BD46078	SPACE RING	2	111	BD46111	LOGO LABEL (NOT SHOWN)	2
82	BD46088	DISK COVER	1	112	BD46112	MITER GAGE LABEL (NOT SHOWN).....	1
83	BD46102	SANDPAPER DISK	1	113	BD46113	WARNING LABEL (NOT SHOWN).....	1
84	BD46089	* SCREW (M6 X 16 mm)	1	114	BD46114	DATA PLATE (NOT SHOWN)	1
85	BD46090	LOCK WASHER	1	115	976605-001	HEX WRENCH (6 mm HEX KEY) (NOT SHOWN).....	1
86	BD46091	SANDING DISK	1	116	983000-017	OPERATOR'S MANUAL	1
87	BD46087	WASHER	4		983000-017R	REPAIR SHEET (REV:00)	
88	BD46063	WORK TABLE.....	1		11-04-04		

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