

MODELS

C 6U2, C 6BU2

C 7U2, C 7BU2

Hitachi Power Tools

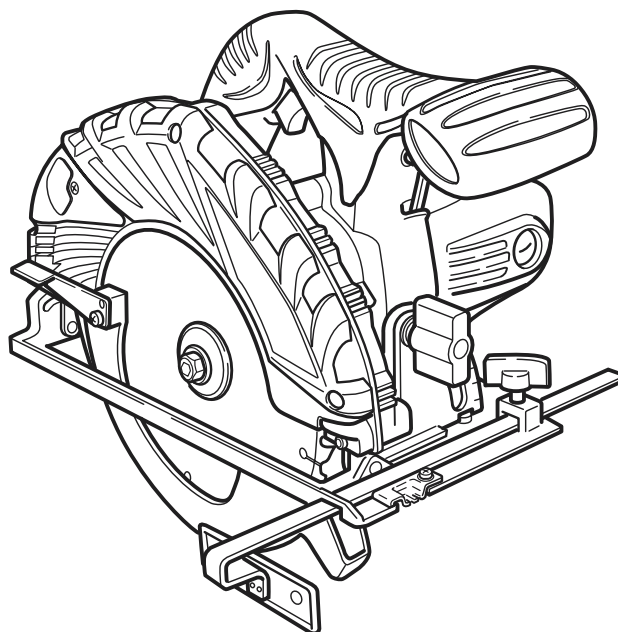
C

CIRCULAR SAWS

C 6U2, C 6BU2

C 7U2, C 7BU2

**TECHNICAL DATA
AND
SERVICE MANUAL**



LIST Nos. C 6U2: E505 , C 6BU2: E507
C 7U2: E506 , C 7BU2: E508

Oct. 2005

REMARK:

Throughout this TECHNICAL DATA AND SERVICE MANUAL, a symbol(s) is(are) used in the place of company name(s) and model name(s) of our competitor(s). The symbol(s) utilized here is(are) as follows:

C 6U2, C 6BU2

Symbols Utilized	Competitors	
	Company Name	Model Name
C-1	MAKITA	5603R
C-2	MAKITA	5604R
B-1	BOSCH	GKS54
P-1	FESTOOL	AP55EB

C 7U2, C 7BU2

Symbols Utilized	Competitors	
	Company Name	Model Name
C-3	MAKITA	5704R
C-4	MAKITA	5705R
B-2	BOSCH	GKS65
P-2	FESTOOL	AP65EB



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1. PRODUCT NAME

Hitachi Circular Saw, Models C 6U2/C 6BU2 [165 mm (6-1/2")]

Hitachi Circular Saw, Models C 7U2/C 7BU2 [190 mm (7-1/2")]

2. MARKETING OBJECTIVE

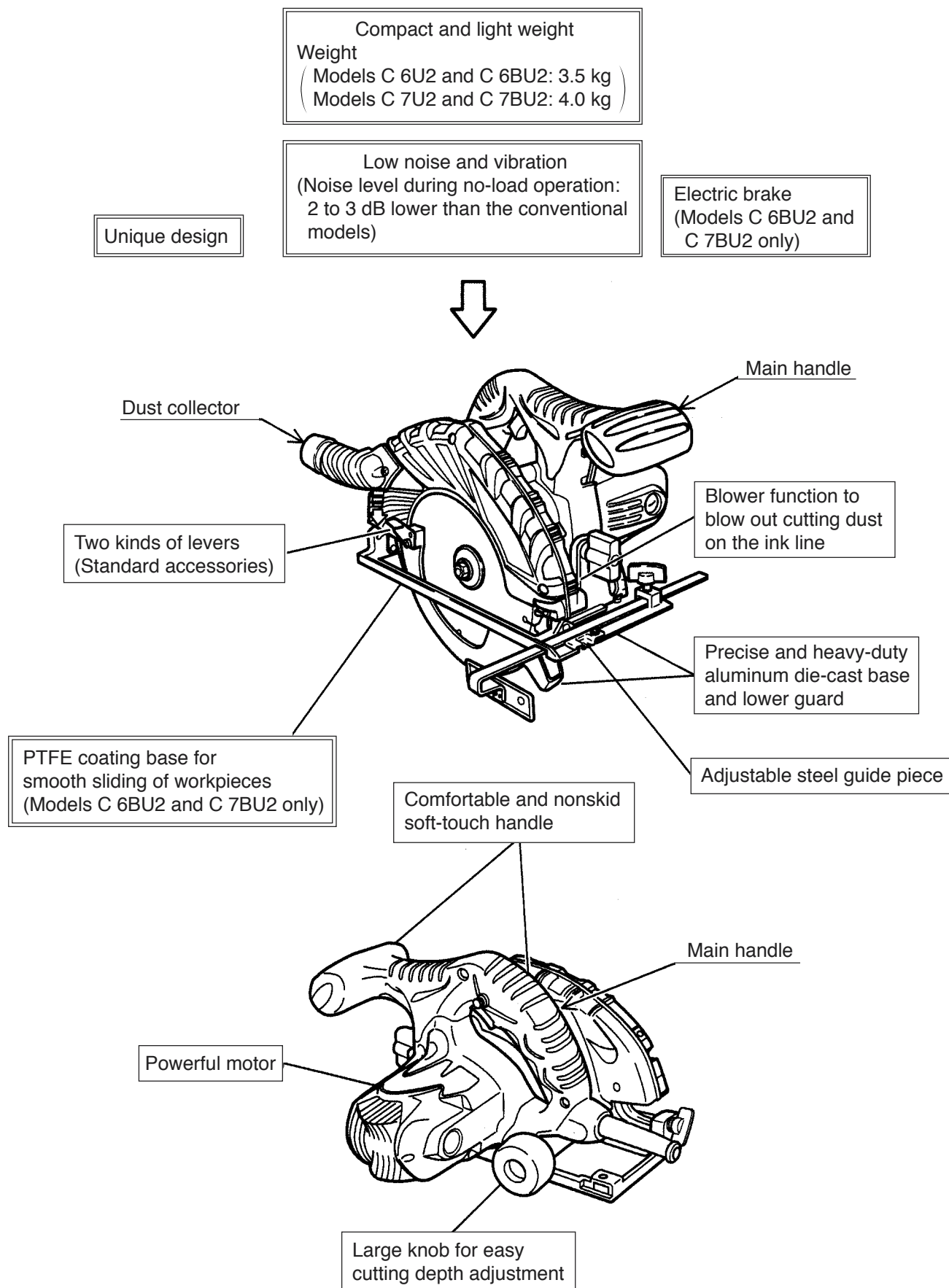
Fifteen years have passed since the sales start of the Models C 6U and C 7U and seven years since the sales start of the Models C 6BU and C 7BU (with brake) in the European market. These models have been well reputed in the market thanks to the ease of operation, compact and lightweight body until now. However, they are upgraded to the new Models C 6U2, C 6BU2, C 7U2 and C 7BU2 owing to revision of the European Standard concerning circular saws in April 2006. With these new models, we aim to expand our market share. The key features of the new models are as follows:

- (1) Compact and light weight
- (2) Unique design
- (3) Low noise and vibration
- (4) Electric brake (Models C 6BU2 and C 7BU2 only)
- (5) PTFE coating base for smooth sliding of workpieces (Models C 6BU2 and C 7BU2 only)

3. APPLICATIONS

- Cutting of various wood materials

4. SELLING POINTS



4-1. Selling Point Descriptions

(1) Compact and light weight

Table 1. 6" circular saw weight comparisons (* measured weight excludes cord, guide and saw blade)

Maker		HITACHI	C-1	C-2	B	HITACHI	P-1
Model name		C 6U2				C 6BU2	
Catalog weight	kg	3.5	4.7	3.6	3.8	3.5	4.9
* Measured weight	kg	3.7	4.6	3.7	3.8	3.8	4.9

Table 2. 7" circular saw weight comparisons (* measured weight excludes cord, guide and saw blade)

Maker		HITACHI	C-3	C-4	B	HITACHI	P-2
Model name		C 7U2				C 7BU2	
Catalog weight	kg	4	4.6	5.2	4.7	4	6.9
* Measured weight	kg	4.1	4.6	5.3	4.9	4.2	6.6

The Models C 6U2, C 6BU2, C 7U2 and C 7BU2 are most lightweight in each category as shown in Tables 1 and 2.

(2) Unique design

Ease of operation is sufficiently considered in designing the Models C 6U2, C 6BU2, C 7U2 and C 7BU2 including the handle location and shape. These models are uniquely designed through the richly used elastomer. The elastomer used at the handle makes each model easier to operate.

(3) Low noise and vibration

In the Models C 6U2, C 6BU2, C 7U2 and C 7BU2, the ball bearings at the front and the back of the motor are supported by rubber parts and a highly efficient, low-noise and small-diameter fan is adopted. The noise level and the vibration level at start-up and no-load operation are reduced thanks to the new construction described above.

(4) Electric brake (Models C 6BU2 and C 7BU2 only)

The Models C 6BU2 and C 7BU2 are equipped with the same electric brake function as that of the well-reputed conventional models. The rotation of the motor is braked upon turning off the switch and stopped in a shorter time than the case of a circular saw without braking function. Thus the Models C 6BU2 and C 7BU2 can quickly start the next work.

(5) PTFE coating base for smooth sliding of workpieces (Models C 6BU2 and C 7BU2 only)

When the operator applies a force to push the saw blade forward during cutting, the pushing force is partially compensated by friction with the workpiece. The PTFE coating base can reduce such a compensated force because the frictional resistance is low. As a result, workpieces can be cut smoothly.

(6) Powerful motor

Table 3 Comparison of power input/measured weight ratio when using 6" dia. saw blade

Maker		HITACHI	C-1	C-2	B	HITACHI	P-1
Model name		C 6U2				C 6BU2	
Power input	W	1100	1100	950	1020	1100	1200
* Measured weight	kg	3.7	4.6	3.7	3.8	3.8	4.9
Input/weight	W/kg	301	243	260	272	293	249

Table 4 Comparison of power input/measured weight ratio when using 7" dia. saw blade

Maker		HITACHI	C-3	C-4	B	HITACHI	P-2
Model name		C 7U2				C 7BU2	
Power input	W	1200	1200	1400	1200	1200	1500
* Measured weight	kg	4.1	4.6	5.3	4.9	4.2	6.6
Input/weight	W/kg	296	265	268	249	289	231

The Models C 6U2, C 6BU2, C 7U2 and C 7BU2 are superior to competitors concerning power input values in each category as shown in Tables 3 and 4. The power input/measured weight ratio obtained by dividing the power input by the measured weight is also superior to competitors. The Models C 6U2, C 6BU2, C 7U2 and C 7BU2 are well-balanced circular saws.

(7) Comfortable and nonskid soft-touch handle

The handle is entirely covered with elastomer. The main handle and the sub handle are nonskid and fit in hands for comfortable cutting operation.

(8) Adjustable steel guide piece

If the center of the saw blade is deviated from the notch of the guide piece due to continuous operation or replacement of the saw blade, the position of the guide piece can be adjusted finely for more accurate cutting operation. It is also convenient for cutting with respect to either side of the blade. The guide piece is made of steel for higher strength.

(9) Blower function to blow out cutting dust on the ink line

The conventional models discharge almost all the cooling air forward as a blower function. However, discharge of cooling air increases the operating noise. To cope with this, the Models C 6U2, C 6BU2, C 7U2 and C 7BU2 are equipped with the improved cooling air path to reduce the operating noise while maintaining the blower function.

(10) Precise and heavy-duty aluminum die-cast base and lower guard

The base and the lower guard are made of heavy-duty aluminum die-cast material. The Models C 6U2, C 6BU2, C 7U2 and C 7BU2 can accurately cut workpieces for a long time because the base and the lower guard are highly durable and resistant to warping.

(11) Two kinds of levers (Standard accessories)

The Models C 6U2, C 6BU2, C 7U2 and C 7BU2 are equipped with both the short lever for use with the dust collector and the long lever (factory-installed) as standard accessories. When the dust collector is not necessary, use the easier-to-operate long lever for comfortable cutting operation.

(12) Large knob for easy cutting depth adjustment

The large knob is easy to adjust cutting depth speedily and reliably.

5. SPECIFICATIONS

Model		C 6U2	C 6BU2	C 7U2		C 7BU2	
Saw blade diameter		165 mm (6-1/2")			190 mm (7-1/2")		
Cutting depth	at 90°	0 to 55 mm (0 to 2-5/32")			0 to 66 mm (0 to 2-19/32")		
	at 45°	Max. 40 mm (1-9/16")			Max. 48 mm (1-7/8")		
Power source		AC single phase					
Type of motor		AC single phase commutator motor					
Type of switch		Trigger switch					
Enclosure	Housing	Polycarbonate resin, elastomer					
	Handle cover	Polycarbonate resin, elastomer					
	Gear cover	Die-cast aluminum alloy					
	Saw cover	Polycarbonate resin, elastomer					
	Lower guard	Die-cast aluminum alloy					
	Base	Die-cast aluminum alloy					
Voltage (V)		230		110	230	110	230
* Current (A)		5.1		11.5	5.5	11.5	5.5
* Power input		1,100 W		1,200 W			
Rotation speed	No-load	5,500 min ⁻¹					
	Full-load	3,930 min ⁻¹	3,810 min ⁻¹	3,890 min ⁻¹		3,920 min ⁻¹	
Weight	** Net	3.5 kg (7.7 lbs)		4.0 kg (8.8 lbs)			
	Gross	5.5 kg (12.1 lbs)		6.0 kg (13.2 lbs)			
	Gross (with case)	6.8 kg (15.0 lbs)		7.4 kg (16.3 lbs)			
Packing		Corrugated cardboard box/Plastic case and corrugated cardboard sleeve					
Cord	Type	Two-core cabtire cable					
	Overall length	2.5 m (8.2 ft.)					
Standard accessories		Tungsten carbide tipped (TCT) saw blade 1 Hex. bar wrench Guide Wing bolt Dust collector Lever (short type)					
Optional accessories		Washer (A) ... for 16 mm (hole dia. of saw blade) Guide rail adapter					

* Be sure to check the name plate on product as it is subject to change by areas.

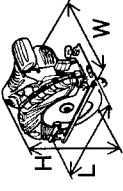
** Measured weight excludes cord, guide and saw blade.

6. COMPARISONS WITH SIMILAR PRODUCTS

(1) 6" dia. saw blade

Maker		HITACHI			C-1		C-2	B-1	HITACHI		P-1	
Model		C 6U2		C 6U	C-1		C-2	B-1	C 6BU2		C 6BU	
Catalog specifications	Saw blade diameter	mm (in.)		165 (6-1/2")	165 (6-1/2")		165 (6-1/2")	160 (6-5/16")	165 (6-1/2")		160 (6-5/16")	
	Max. cutting depth	90°		55 (2-5/32")	54 (2-1/8")		54 (2-1/8")	54 (2-1/8")	55 (2-5/32")		55 (2-5/32")	
		45°		40 (1-9/16")	38 (1-1/2")		35 (1-3/8")	35 (1-3/8")	40 (1-9/16")		41 (1-5/8")	
	Power input	W		1100	1100		950	1020	1100		1010	
	No-load rotation speed	min ⁻¹		5000	5000		5000	5000	5500		5000	
Characteristics	Overall length	W		293	329		319	313	293		299	
	Weight	kg (lbs.)		3.5 (7.7)	4.7 (10.4)		3.6 (7.9)	3.8 (8.4)	3.5 (7.7)		3.5 (7.7)	
	No-load rotation speed	min ⁻¹		6000	5070		5400	4980	5700		5090	
	Full-load rotation speed	min ⁻¹		3930	4310		3550	3590	3810		3960	
	Full-load output	W		640	390		560	580	580		550	
Structure	Max. output	W		1550	1720		1270	1200	1440		1440	
	No-load noise	dB		86	88		82	87	86		88	
	Material of base	—		Aluminum	Steel		Steel	Steel	Aluminum		Aluminum	
	Material of lower guard	—		Aluminum	Aluminum		Steel	Steel	Aluminum		Aluminum	
	Soft-touch handle	—		Provided	None		None	None	Provided		Provided	
		Blower function		—	Provided		None	None	Provided		Provided	
		L		mm	329		319	313	299		299	
		H		mm	234		230	253	240		246	
		W		mm	208		214	233	223		213	

(2) 7" dia. saw blade

Maker	HITACHI		C-3	C-4	B-2	HITACHI		P-2
	C 7U2	C 7U				C 7U2	C 7BU	
Catalog specifications	Saw blade diameter Max. cutting depth	mm (in.)	190 (7-1/2")	190 (7-1/2")	190 (7-1/2")	190 (7-1/2")	185 (7-1/4")	190 (7-1/2")
		90°	66 (2-19/32")	66 (2-19/32")	65 (2-9/16")	66 (2-19/32")	63 (2-15/32")	66 (2-19/32")
		45°	48 (1-7/8")	46 (1-13/16")	43 (1-11/16")	48 (1-7/8")	45 (1-25/32")	48 (1-7/8")
	Power input	W	1200	1400	1200	1200	1150	1500
	No-load rotation speed	min ⁻¹	5500	4800	4100	5500	5000	1800 - 3800
Characteristics	Overall length	W	312	366	358	312	324	376
	Weight	kg (lbs.)	4.0 (8.8)	5.2 (11.5)	4.7 (10.4)	4.0 (8.8)	4.0 (8.8)	6.9 (15.2)
	No-load rotation speed	min ⁻¹	5800	4850	4270	5700	5250	3550
	Full-load rotation speed	min ⁻¹	3890	4060	3010	3920	4100	3410
	Full-load output	W	720	600	720	680	650	720
Structure	Max. output	W	2020	2640	1560	1800	1800	2160
	No-load noise	dB	86	89	89	86	89	88
	Material of base	—	Aluminum	Steel	Steel	Aluminum	Aluminum	Steel
	Material of lower guard	—	Aluminum	Aluminum	Steel	Aluminum	Aluminum	Steel
	Soft-touch handle	—	Provided	None	None	Provided	Provided	None
Blower function	Blower function	—	Provided	None	None	Provided	Provided	None
		L	312	366	358	312	324	376
		H	250	246	272	250	256	262
		W	230	254	261	230	220	252

7. PRECAUTIONS IN SALES PROMOTION

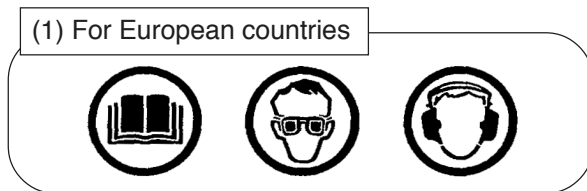
In the interest of promoting the safest and most efficient use of the Models C 6U2, C 6BU2, C 7U2 and C 7BU2 Circular Saws by all of our customers, it is very important that at the time of sale the salesperson carefully ensures that the buyer seriously recognizes the importance of the contents of the Handling Instructions.

7-1. Handling Instructions

Although every effort is made in each step of design, manufacture, and inspection to provide protection against safety hazards, the dangers inherent in the use of any electric tool cannot be completely eliminated. Accordingly, general precautions and suggestions for the use of electric power tools, and specific precautions and suggestions for the use of the circular saw are listed in the Handling Instructions to enhance the safe and efficient use of the tool by the customer. Salespersons must be thoroughly familiar with the contents of the Handling Instructions to be able to offer appropriate guidance to the customer during sales promotion.

7-2. Caution on Name Plate

Each tool is provided with a Name Plate which contains the following basic safety precautions in the use of the tool.



8. PRECAUTIONS IN DISASSEMBLY AND REASSEMBLY

The disassembly and reassembly procedures for the Models C 6U2, C 6BU2, C 7U2 and C 7BU2 are essentially the same. The **[Bold]** numbers in the descriptions below correspond to the item numbers in the parts list and exploded assembly diagram for the Model C 7BU2. During disassembly and reassembly, and at all other times as well, sufficient care must be exercised in handling to ensure that there is no deviation in the flatness of the bottom surface of the base and in its perpendicularity with relation to the saw blade.

8-1. Disassembly

- (1) Prior to attempting further disassembly, ensure without fail that the TCT Saw Blade 190MM-D30 Hole-NT18 **[11]** is removed to prevent damage to its cutting edge, and to avoid possible serious accident.

- (2) Removal of the Safety Cover **[6]**

First, disconnect the Return Spring **[7]** from the Safety Cover **[6]**. Then, loosen the two Seal Lock Flat Hd. Screws M4 x 10 **[9]** and take off the Bearing Cover **[8]**. The Safety Cover **[6]** can then be removed.

- (3) Removal of the Bearing Holder **[2]** together with the Spindle and Gear Set **[1]**

After removing the Safety Cover **[6]** as described above, loosen the two Seal Lock Flat Hd. Screws M5 x 14 **[3]**.

- (4) Separation of the Spindle and Gear Set **[1]** from the Bearing Holder **[2]**

As illustrated in Fig. 1, support the Bearing Holder **[2]** with an appropriate tubular jig, and push down on the end of the spindle to separate the Spindle and Gear Set **[1]** from the Bearing Holder **[2]**.

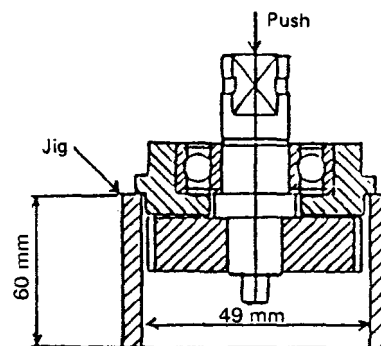


Fig. 1

- (5) Removal of the Armature **[29]**

First, remove the Brush Caps **[76]**, and take out the Carbon Brushes **[75]**. Then, loosen the Machine Screws (W/Washers) M5 x 45 (Black) **[60]**, and separate the Housing Ass'y **[56]** from the Gear Cover Ass'y **[34]**. If the Armature **[29]** is remained in the Housing Ass'y **[56]**, gently tap the Housing Ass'y **[56]** on the edge of the surface where the Gear Cover Ass'y **[34]** is mounted with a wooden or plastic hammer and remove the Armature **[29]**. At this time, be very careful not to hit the fan on the Armature **[29]**. If the Bearing Bushing **[23]** is remained in the Housing Ass'y **[56]**, remove it in the same manner as the case of removal of the Armature **[29]**. If the Rubber Bushing **[22]** is remained in the Housing Ass'y **[56]**, remove it with tweezers being very careful not to scratch it.

- (6) Removal of the Base Ass'y (Fluorine) **[44]**

Extract the Roll Pin D6 x 40 **[33]** and disassemble the Base Ass'y (Fluorine) **[44]** from the Gear Cover Ass'y **[34]**.

8-2. Reassembly

Reassembly can be accomplished by following the disassembly procedures in reverse. However, particular attention should be given to the following items.

(1) Tightening torques for fastening screws and bolts

Machine Screws M4 [9] [13] [19] [47]	$1.8 \pm 0.4 \text{ N}\cdot\text{m}$ $\{18 \pm 4 \text{ kgf}\cdot\text{cm}\}$
Special Bolt [17]	$1.8 \pm 0.4 \text{ N}\cdot\text{m}$ $\{18 \pm 4 \text{ kgf}\cdot\text{cm}\}$
Machine Screws M5 [3] [60]	$3.4 \pm 0.7 \text{ N}\cdot\text{m}$ $\{35 \pm 7 \text{ kgf}\cdot\text{cm}\}$
Hex. Socket Hd. Bolts [21] [54]	$9.8 \pm 2.0 \text{ N}\cdot\text{m}$ $\{100 \pm 20 \text{ kgf}\cdot\text{cm}\}$
Tapping Screws D4 [55] [80]	$2.0 \pm 0.5 \text{ N}\cdot\text{m}$ $\{20 \pm 5 \text{ kgf}\cdot\text{cm}\}$
Hex. Hd. Tapping Screw D5 x 55 [27]	$2.9 \pm 0.5 \text{ N}\cdot\text{m}$ $\{30 \pm 5 \text{ kgf}\cdot\text{cm}\}$
Screw of switches	$0.3^{+0.07}_{-0.05} \text{ N}\cdot\text{m}$ $\{3^{+0.75}_{-0.5} \text{ kgf}\cdot\text{cm}\}$
Screw of switch (Model C 7U2 for South Africa)	$0.6 \pm 0.15 \text{ N}\cdot\text{m}$ $\{6 \pm 1.5 \text{ kgf}\cdot\text{cm}\}$
Screw of pillar terminal	$0.35 \pm 0.1 \text{ N}\cdot\text{m}$ $\{3.5 \pm 1 \text{ kgf}\cdot\text{cm}\}$

(2) Reassembly of the Stator Ass'y [26]

To align each screw hole of the Stator Ass'y [26] and the Housing Ass'y [56] accurately, insert the guide bar (J-132 stator press pins [special repair tool, code no. 970911] are recommended) to press-fit the Stator Ass'y [26] to the Housing Ass'y [56] as shown in Fig. 2. After press-fitting, hook the Brush Terminal [25] on the Brush Holder [74]. Be careful not to pinch the internal wire of the Stator Ass'y [26] between the Stator Ass'y [26] and the seat for the Hex. Hd. Tapping Screw D5 x 55 [27] in the Housing Ass'y. Secure the Stator Ass'y [26] to the Housing Ass'y [56] with the two Hex. Hd. Tapping Screws D5 x 55 [27]. For the Models C 6BU2 and C 7BU2 equipped with the brake (230-V specification), perform press-fitting being careful of the Stator Ass'y [26] direction so that the yellow and red internal wires face the Name Plate [57].

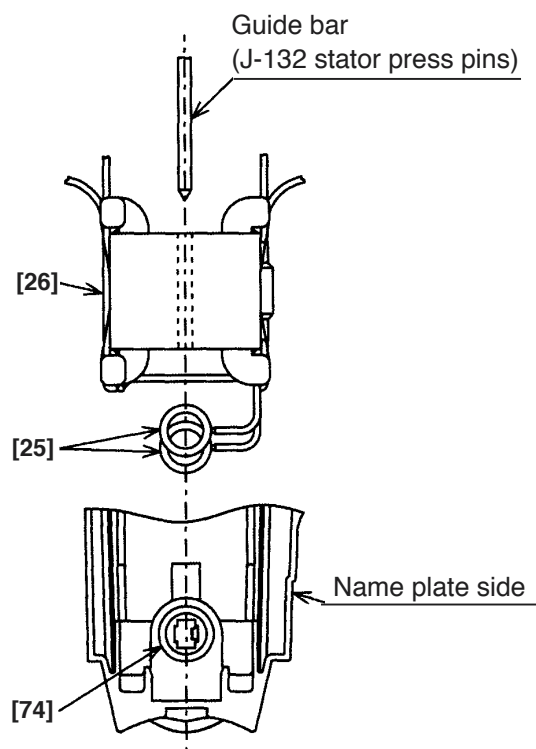


Fig. 2

(3) Reassembly of the Armature [29]

Prior to assembling the Armature [29], ensure that the Rubber Ring [32] is properly inserted into the groove of the bearing case within the Gear Cover Ass'y [34]. At this time, be very careful not to damage the Rubber Ring [32]. Be sure to mount the Bearing Bushing [23] and the Rubber Bushing [22] to the Armature [29] before reassembly. Do not perform reassembly with the Bearing Bushing [23] and the Rubber Bushing [22] remained in the Housing Ass'y [56].

(4) Reassembly of the Lock Lever [30] (See Fig. 3)

- A. Position the Lock Lever [30] between the fan and the Ball Bearing 6001VVCMP52L [31] of the Armature [29], and carefully assemble it together with the Armature [29] into the Gear Cover Ass'y [34].
- B. Ensure that both the ends of the spring on the Lock Lever [30] are properly supported inside the ribs of the Gear Cover Ass'y [34].
- C. When assembly of the Lock Lever [30] is completed (when the Gear Cover Ass'y [34] has been assembled to the Housing Ass'y [56] and fastening with the Machine Screws (W/Washers) M5 x 45 (Black) [60]), push the Lock Lever [30] by hand and ensure that it returns to its original position when released.

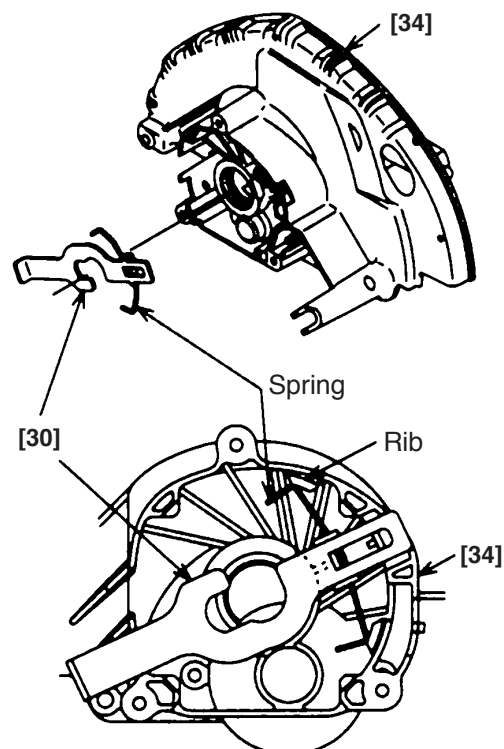


Fig. 3

(5) Lubrication

Liberal apply the designated lubricants as follows:

- Within the Gear Cover Ass'y [34] Grease (SEP-3A) Code No. 930035
8 g
- Apply the above grease to the pinion teeth of the Armature [29] entirely.

(6) Internal wire arrangement

Connect internal wire as illustrated in Fig. 4 to Fig. 8. At this time, ensure that none of the wires are pinched between components during assembly. Especially the Models C 6BU2 and C 7BU2 equipped with the brake require complex wiring. Be careful when wiring the Models C 6BU2 and C 7BU2.

A. Models C 6BU2 and C 7BU2 (230-V specification)

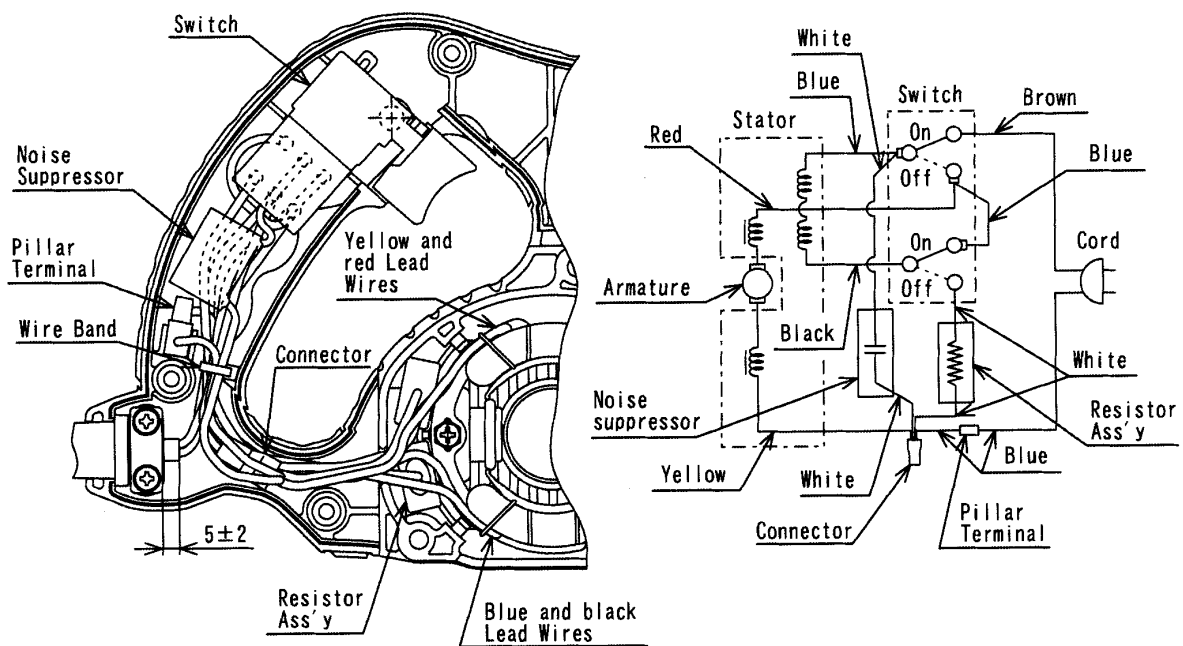


Fig. 4

Positioning the Resistor [81]

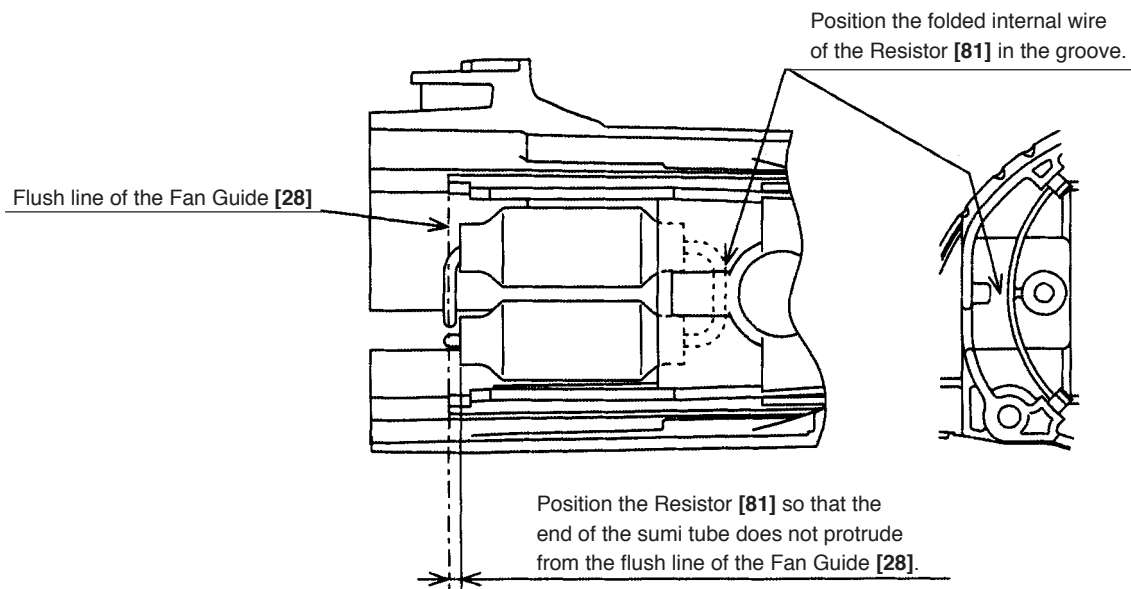


Fig. 5

B. Model C 7BU2 (110-V specification)

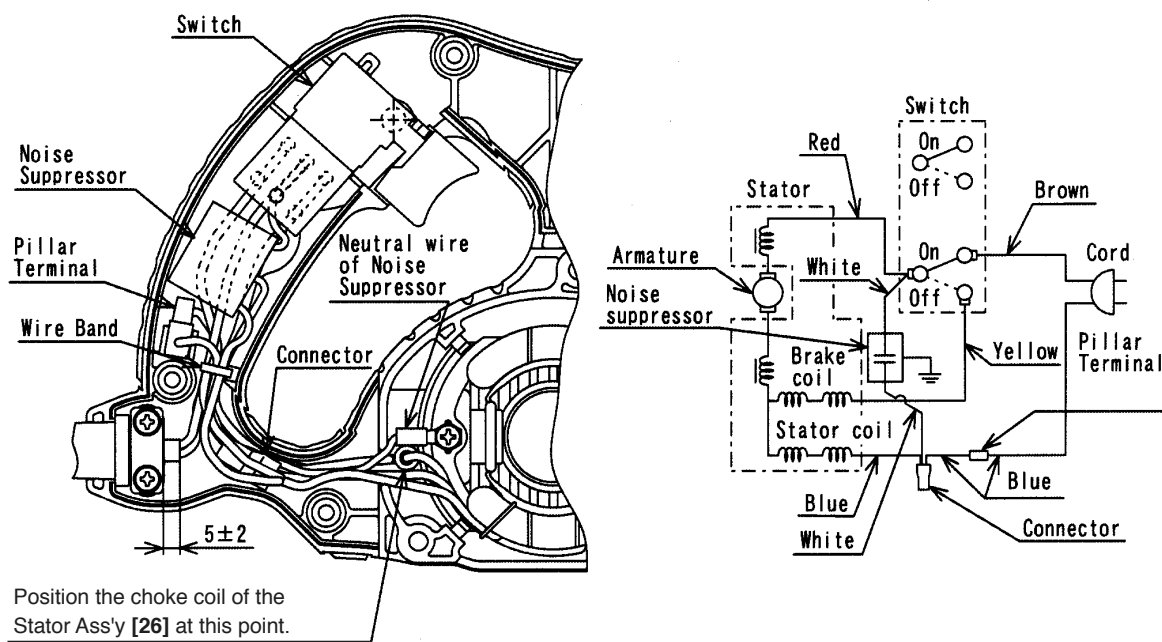


Fig. 6

C. Models C 6U2 and C 7U2

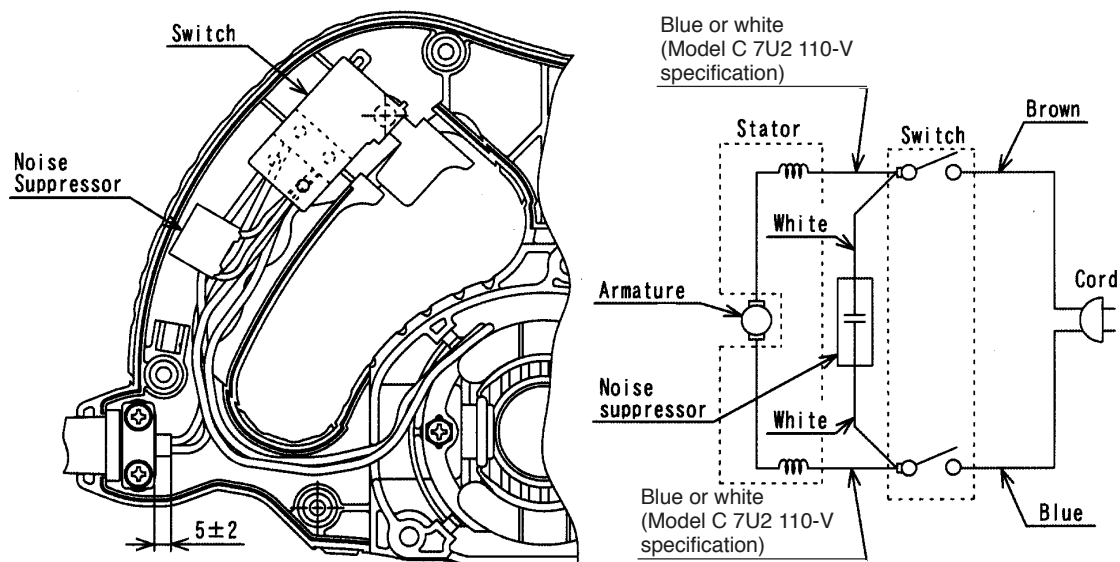


Fig. 7

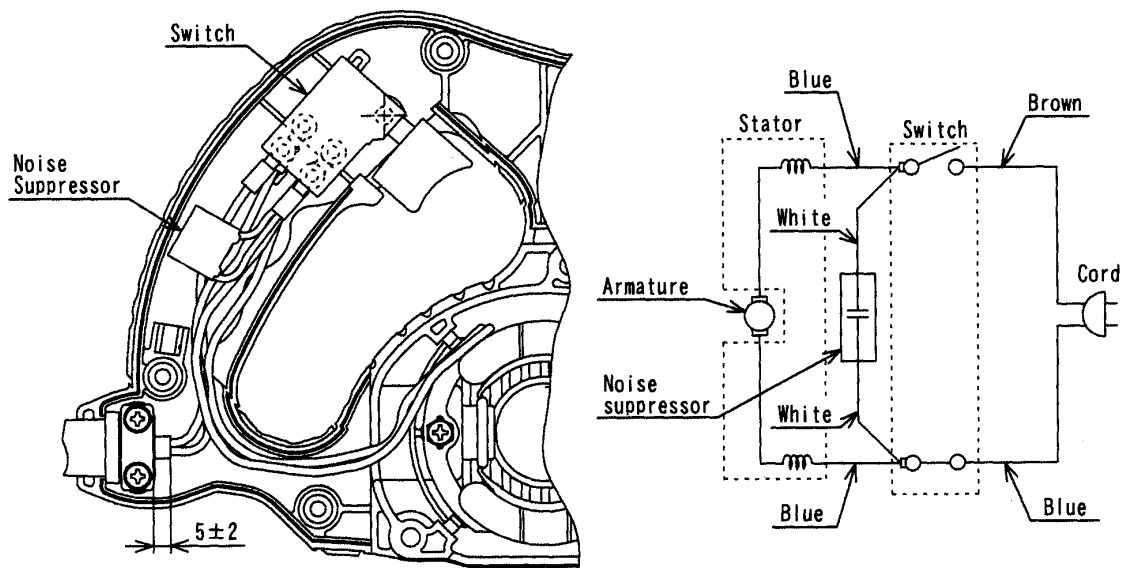


Fig. 8

8-3. Insulation Tests

On completion of disassembly and repair, measure the insulation resistance and conduct dielectric strength test.

Insulation resistance: 7 M Ω or more with DC 500 V megohm tester

Dielectric strength: AC 4000 V/1 minute, with no abnormalities

8-4. Cleaning the Cover

Clean the exterior of the tool with a soft cloth moistened with soapy water, and dry thoroughly. Chloric solvent, gasoline, and thinner will cause plastic components to dissolve.

9. STANDARD REPAIR TIME (UNIT) SCHEDULES

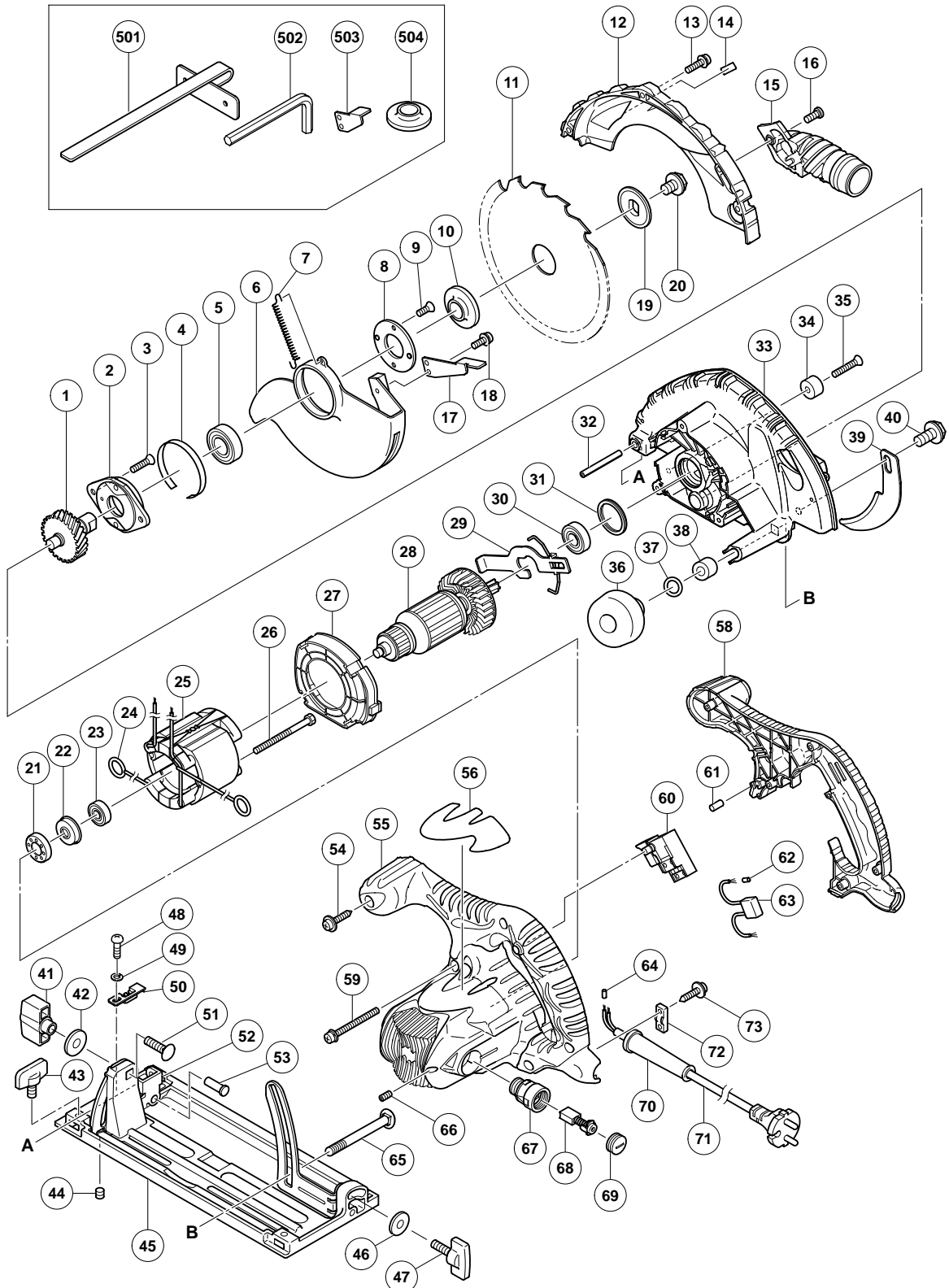
MODEL	Variable		10	20	30	40	50	60 min.
	Fixed							
<div>C 6U2</div> <div>C 7U2</div> <div>C 6BU2</div> <div>C 7BU2</div>		Work Flow						
		Handle Cover		Switch (B) Cord Cord Armor				
					Housing Ass'y Stator Ass'y			
		General Assembly	Protective Cover Return Spring Saw Cover	Armature Ball Bearing (608VV) Ball Bearing (6001VV) Bearing Bushing				
				Spindle and Gear Set Bearing Holder Ball Bearing (6003VV)				
		Base Ass'y		Gear Cover Ass'y				

ELECTRIC TOOL PARTS LIST

■ CIRCULAR SAW Model C 6U2

2005 • 8 • 30

(E1)



PARTS

C 6U2

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
1	302-449	SPINDLE AND GEAR SET	1		
2	302-433	BEARING HOLDER	1		
3	992-013	SEAL LOCK FLAT HD. SCREW M5X14	2		
4	961-807	BUSHING	1		
5	600-3VV	BALL BEARING 6003VVCMP2L	1		
6	324-677	SAFETY COVER	1		
7	302-463	RETURN SPRING	1		
8	302-435	BEARING COVER	1		
9	990-430	SEAL LOCK FLAT HD. SCREW M4X10	2		
10	302-476	WASHER (A)	1		
11	324-678	TCT SAW BLADE 165MM-D30 HOLE-NT16	1		
12	324-674	SAW COVER	1		
13	305-691	MACHINE SCREW (W/WASHERS) M4X14 (BLACK)	4		
14		MODEL NAME PLATE	1		
15	324-669	DUST COLLECTOR	1		
16	324-139	SPECIAL BOLT	1		
17	302-464	KNOB	1		
18	304-043	MACHINE SCREW (W/WASHERS) M4X10 (BLACK)	1		
19	302-423	WASHER (B)	1		
20	324-662	HEX. SOCKET HD. BOLT M8X15.5	1		
21	325-060	RUBBER BUSHING	1		
22	322-089	BEARING BUSHING	1		
23	608-VVM	BALL BEARING 608VVC2PS2L	1		
24	930-703	BRUSH TERMINAL	2		
25	340-641E	STATOR ASS'Y 230V	1	INCLUD. 24	
26	953-121	HEX. HD. TAPPING SCREW D5X50	2		
27	324-675	FAN GUIDE	1		
28	360-729E	ARMATURE 230V	1		
29	324-655	LOCK LEVER	1		
30	600-1VV	BALL BEARING 6001VVCMP2L	1		
31	958-130	RUBBER RING	1		
32	949-686	ROLL PIN D6X40 (10 PCS.)	1		
33	324-673	GEAR COVER ASS'Y	1	INCLUD. 31, 34, 35	
34	961-729	CUSHION	1		
35	949-794	FLAT HD. SCREW M6X20 (10 PCS.)	1		
36	324-660	KNOB	1		
37	676-531	O-RING (P-7)	1		
38	303-801	SLEEVE	1		
39	303-838	RIVING KNIFE	1		
40	324-664	HEX. SOCKET HD. BOLT M8X10	1		
41	324-658	WING NUT M8	1		
42	949-433	BOLT WASHER M8 (10 PCS.)	1		
43	301-806	WING BOLT M6X15	1		
44	302-469	SLOTTED HD. SET SCREW (SEAL LOCK) M6X6	1		
45	324-676	BASE ASS'Y	1	INCLUD. 41, 42, 46-53	
46	949-425	WASHER M6 (10 PCS.)	1		
47	302-459	WING BOLT M6X17	1		
48	949-214	MACHINE SCREW M4X6 (10 PCS.)	1		
49	949-453	SPRING WASHER M4 (10 PCS.)	1		
50	324-659	GUIDE PIECE	1		
51	302-457	BOLT (SQUARE) M8X30	1		

C 6U2

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STANDARD ACCESSORIES

C 6U2

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OPTIONAL ACCESSORIES

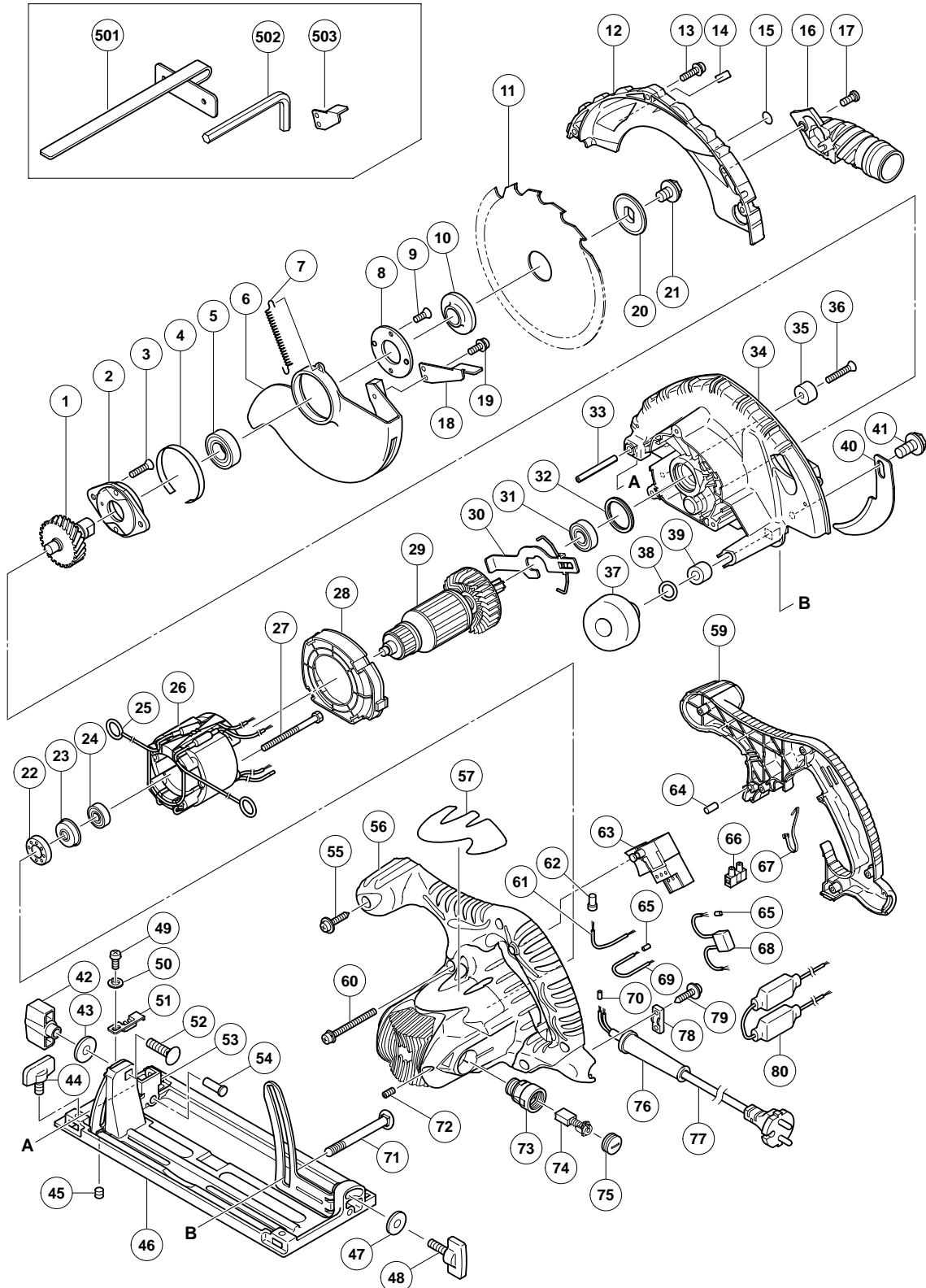
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ELECTRIC TOOL PARTS LIST

■ CIRCULAR SAW Model C 6BU2

2005 • 8 • 30

(E1)



PARTS

C 6BU2

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
1	302-449	SPINDLE AND GEAR SET	1		
2	302-433	BEARING HOLDER	1		
3	992-013	SEAL LOCK FLAT HD. SCREW M5X14	2		
4	961-807	BUSHING	1		
5	600-3VV	BALL BEARING 6003VVCMP2L	1		
6	324-677	SAFETY COVER	1		
7	302-463	RETURN SPRING	1		
8	302-435	BEARING COVER	1		
9	990-430	SEAL LOCK FLAT HD. SCREW M4X10	2		
10	302-476	WASHER (A)	1		
11	324-678	TCT SAW BLADE 165MM-D30 HOLE-NT16	1		
12	324-674	SAW COVER	1		
13	305-691	MACHINE SCREW (W/WASHERS) M4X14 (BLACK)	4		
14		MODEL MANE PLATE	1		
15		NAME PLATE (BRAKE)	1		
16	324-669	DUST COLLECTOR	1		
17	324-139	SPECIAL BOLT	1		
18	302-464	KNOB	1		
19	304-043	MACHINE SCREW (W/WASHERS) M4X10 (BLACK)	1		
20	302-423	WASHER (B)	1		
21	324-662	HEX. SOCKET HD. BOLT M8X15.5	1		
22	325-060	RUBBER BUSHING	1		
23	322-089	BEARING BUSHING	1		
24	608-VVM	BALL BEARING 608VVC2PS2L	1		
25	930-703	BRUSH TERMINAL	2		
26	340-424G	STATOR ASS'Y 230V	1	INCLUD. 25	
27	953-121	HEX. HD. TAPPING SCREW D5X50	2		
28	324-675	FAN GUIDE	1		
29	360-728E	ARMATURE 230V	1		
30	324-655	LOCK LEVER	1		
31	600-1VV	BALL BEARING 6001VVCMP2L	1		
32	958-130	RUBBER RING	1		
33	949-686	ROLL PIN D6X40 (10 PCS.)	1		
34	324-673	GEAR COVER ASS'Y	1	INCLUD. 32, 35, 36	
35	961-729	CUSHION	1		
36	949-794	FLAT HD. SCREW M6X20 (10 PCS.)	1		
37	324-660	KNOB	1		
38	676-531	O-RING (P-7)	1		
39	303-801	SLEEVE	1		
40	303-838	RIVING KNIFE	1		
41	324-664	HEX. SOCKET HD. BOLT M8X10	1		
42	324-658	WING NUT M8	1		
43	949-433	BOLT WASHER M8 (10 PCS.)	1		
44	301-806	WING BOLT M6X15	1		
45	302-469	SLOTTED HD. SET SCREW (SEAL LOCK) M6X6	1		
46	324-679	BASE ASS'Y (FLUORINE)	1	INCLUD. 42, 43, 47-54	
47	949-425	WASHER M6 (10 PCS.)	1		
48	302-459	WING BOLT M6X17	1		
49	949-214	MACHINE SCREW M4X6 (10 PCS.)	1		
50	949-453	SPRING WASHER M4 (10 PCS.)	1		
51	324-659	GUIDE PIECE	1		

C 6BU2

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STANDARD ACCESSORIES

C 6BU2

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OPTIONAL ACCESSORIES

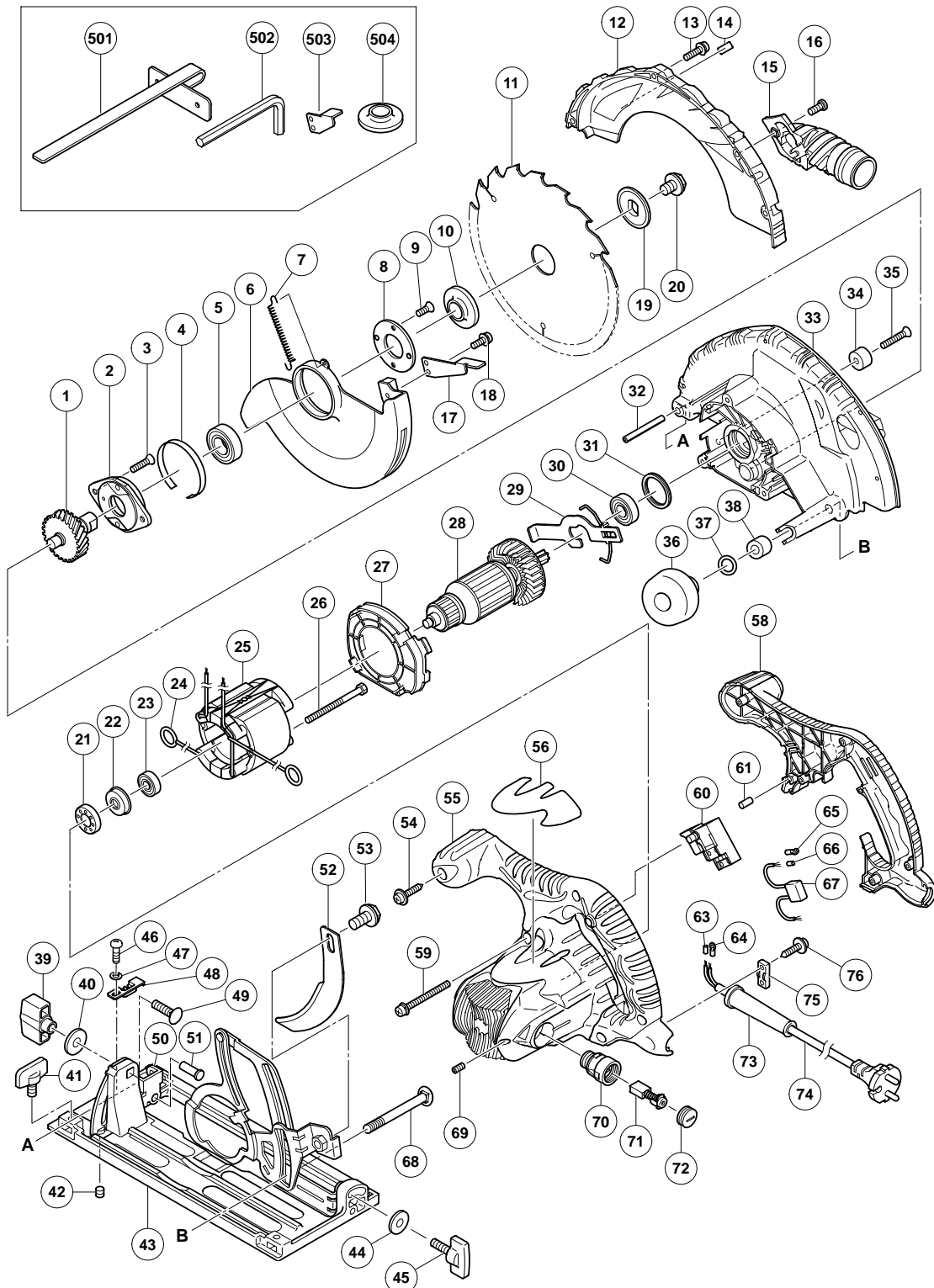
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ELECTRIC TOOL PARTS LIST

■ CIRCULAR SAW Model C 7U2

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PARTS

C 7U2

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
1	302-988	SPINDLE AND GEAR SET	1		
2	302-433	BEARING HOLDER	1		
3	992-013	SEAL LOCK FLAT HD. SCREW M5X14	2		
4	961-807	BUSHING	1		
5	600-3VV	BALL BEARING 6003VVCMP2L	1		
6	324-661	SAFETY COVER	1		
7	303-512	RETURN SPRING	1		
8	302-435	BEARING COVER	1		
9	990-430	SEAL LOCK FLAT HD. SCREW M4X10	2		
10	302-476	WASHER (A)	1		
11	324-668	TCT SAW BLADE 190MM-D30 HOLE-NT18	1		
12	324-654	SAW COVER	1		
13	305-691	MACHINE SCREW (W/WASHERS) M4X14 (BLACK)	4		
14		MODEL NAME PLATE	1		
15	324-669	DUST COLLECTOR	1		
16	324-139	SPECIAL BOLT	1		
17	302-464	KNOB	1		
18	304-043	MACHINE SCREW (W/WASHERS) M4X10 (BLACK)	1		
19	302-423	WASHER (B)	1		
20	324-662	HEX. SOCKET HD. BOLT M8X15.5	1		
21	325-060	RUBBER BUSHING	1		
22	322-089	BEARING BUSHING	1		
23	608-VVM	BALL BEARING 608VVC2PS2L	1		
24	930-703	BRUSH TERMINAL	2		
* 25	340-640C	STATOR ASS'Y 110V	1	INCLUD. 24	
* 25	340-640E	STATOR ASS'Y 230V	1	INCLUD. 24	
26	953-174	HEX. HD. TAPPING SCREW D5X55	2		
27	324-656	FAN GUIDE	1		
* 28	360-727C	ARMATURE 110V	1		
* 28	360-727E	ARMATURE 230V	1		
29	324-655	LOCK LEVER	1		
30	600-1VV	BALL BEARING 6001VVCMP2L	1		
31	958-130	RUBBER RING	1		
32	949-686	ROLL PIN D6X40 (10 PCS.)	1		
33	324-653	GEAR COVER ASS'Y	1	INCLUD. 31, 34, 35	
34	961-729	CUSHION	1		
35	949-794	FLAT HD. SCREW M6X20 (10 PCS.)	1		
36	324-660	KNOB	1		
37	676-531	O-RING (P-7)	1		
38	303-801	SLEEVE	1		
39	324-658	WING NUT M8	1		
40	949-433	BOLT WASHER M8 (10 PCS.)	1		
41	301-806	WING BOLT M6X15	1		
42	302-469	SLOTTED HD. SET SCREW (SEAL LOCK) M6X6	1		
43	324-657	BASE ASS'Y	1	INCLUD. 39, 40, 44-51	
44	949-425	WASHER M6 (10 PCS.)	1		
45	302-459	WING BOLT M6X17	1		
46	949-214	MACHINE SCREW M4X6 (10 PCS.)	1		
47	949-453	SPRING WASHER M4 (10 PCS.)	1		
48	324-659	GUIDE PIECE	1		
49	302-457	BOLT (SQUARE) M8X30	1		

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STANDARD ACCESSORIES

C 7U2

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OPTIONAL ACCESSORIES

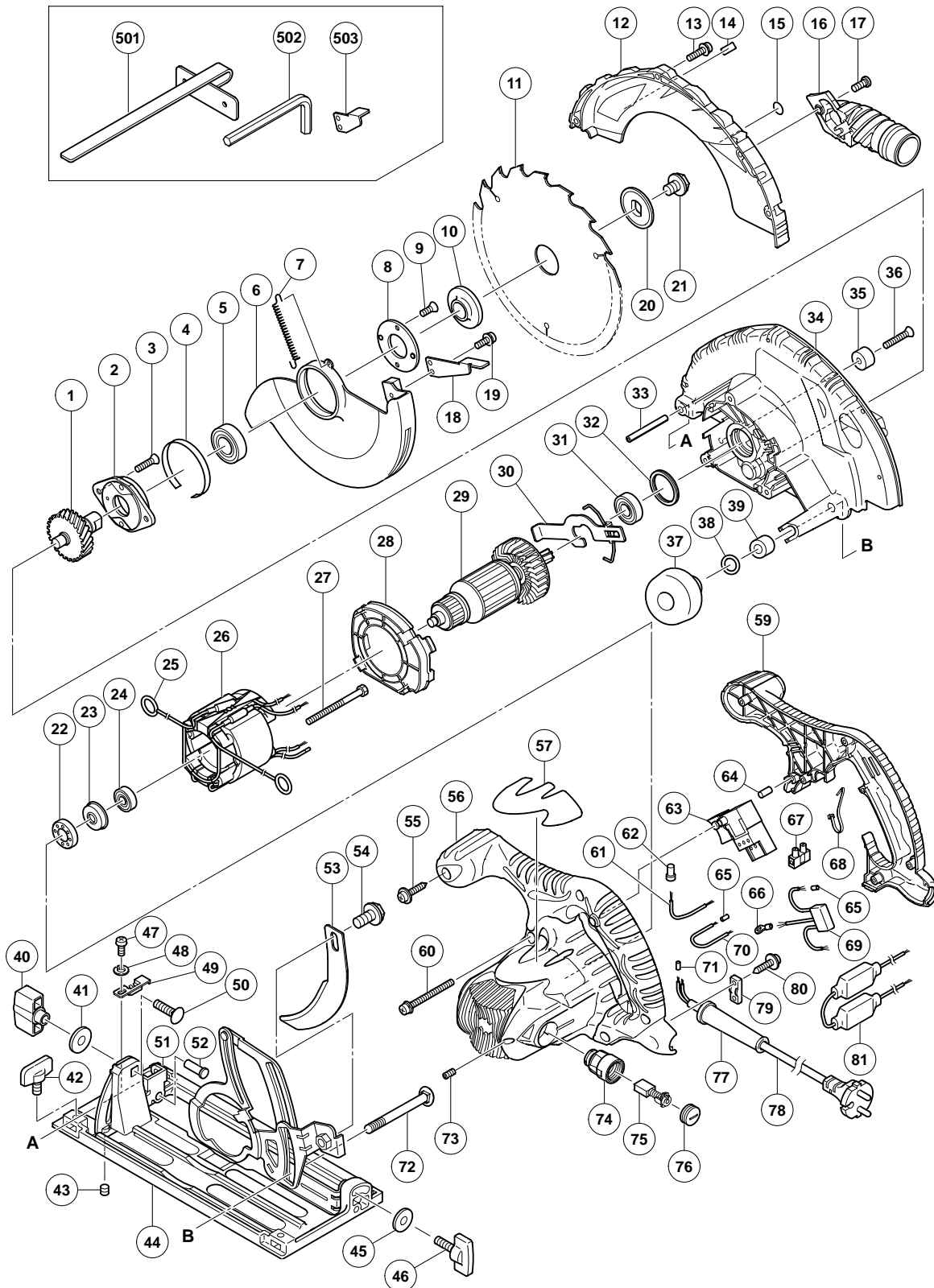
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ELECTRIC TOOL PARTS LIST

■ CIRCULAR SAW Model C 7BU2

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(E1)



PARTS

C 7BU2

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS	
1	302-988	SPINDLE AND GEAR SET	1		
2	302-433	BEARING HOLDER	1		
3	992-013	SEAL LOCK FLAT HD. SCREW M5X14	2		
4	961-807	BUSHING	1		
5	600-3VV	BALL BEARING 6003VVCMP2L	1		
6	324-661	SAFETY COVER	1		
7	303-512	RETURN SPRING	1		
8	302-435	BEARING COVER	1		
9	990-430	SEAL LOCK FLAT HD. SCREW M4X10	2		
10	302-476	WASHER (A)	1		
11	324-668	TCT SAW BLADE 190MM-D30 HOLE-NT18	1		
12	324-654	SAW COVER	1		
13	305-691	MACHINE SCREW (W/WASHERS) M4X14 (BLACK)	4		
14		MODEL NAME PLATE	1		
15		NAME PLATE (BRAKE)	1		
16	324-669	DUST COLLECTOR	1		
17	324-139	SPECIAL BOLT	1		
18	302-464	KNOB	1		
19	304-043	MACHINE SCREW (W/WASHERS) M4X10 (BLACK)	1		
20	302-423	WASHER (B)	1		
21	324-662	HEX. SOCKET HD. BOLT M8X15.5	1		
22	325-060	RUBBER BUSHING	1		
23	322-089	BEARING BUSHING	1		
24	608-VVM	BALL BEARING 608VVC2PS2L	1		
25	930-703	BRUSH TERMINAL	2		
*	26	340-445G	STATOR ASS'Y 110V	1	INCLUD. 25
*	26	340-425G	STATOR ASS'Y 230V	1	INCLUD. 25
	27	953-174	HEX. HD. TAPPING SCREW D5X55	2	
	28	324-656	FAN GUIDE	1	
*	29	360-726C	ARMATURE 110V	1	
*	29	360-726E	ARMATURE 230V	1	
	30	324-655	LOCK LEVER	1	
	31	600-1VV	BALL BEARING 6001VVCMP2L	1	
	32	958-130	RUBBER RING	1	
	33	949-686	ROLL PIN D6X40 (10 PCS.)	1	
	34	324-653	GEAR COVER ASS'Y	1	INCLUD. 32, 35, 36
	35	961-729	CUSHION	1	
	36	949-794	FLAT HD. SCREW M6X20 (10 PCS.)	1	
	37	324-660	KNOB	1	
	38	676-531	O-RING (P-7)	1	
	39	303-801	SLEEVE	1	
	40	324-658	WING NUT M8	1	
	41	949-433	BOLT WASHER M8 (10 PCS.)	1	
	42	301-806	WING BOLT M6X15	1	
	43	302-469	SLOTTED HD. SET SCREW (SEAL LOCK) M6X6	1	
	44	324-672	BASE ASS'Y (FLUORINE)	1	INCLUD. 40, 41, 45-52
	45	949-425	WASHER M6 (10 PCS.)	1	
	46	302-459	WING BOLT M6X17	1	
	47	949-214	MACHINE SCREW M4X6 (10 PCS.)	1	
	48	949-453	SPRING WASHER M4 (10 PCS.)	1	
	49	324-659	GUIDE PIECE	1	

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STANDARD ACCESSORIES

C 7BU2

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OPTIONAL ACCESSORIES

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