

MODELS

C 9U2

C 9BU2

Hitachi Power Tools

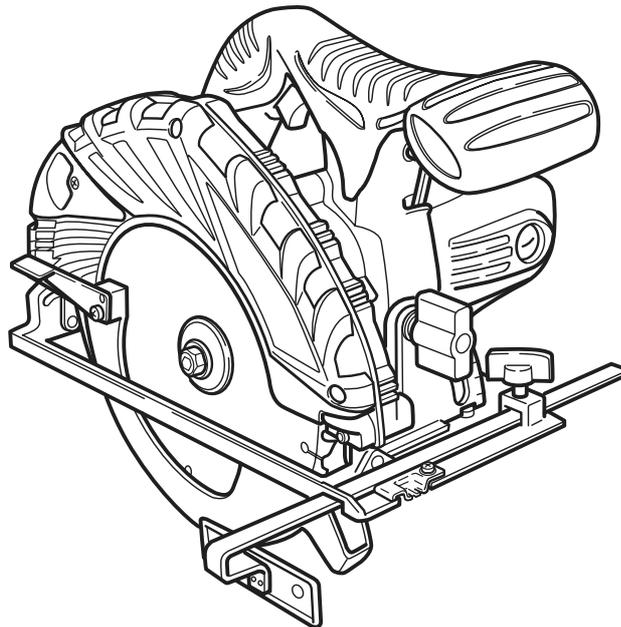
CIRCULAR SAWS

C 9U2

C 9BU2

**TECHNICAL DATA
AND
SERVICE MANUAL**

C



LIST Nos. C 9U2: E513
C 9BU2: E514

Nov. 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 9U2, C 9BU2

| Symbol Utilized | Competitor | |
|-----------------|--------------|------------|
| | Company Name | Model Name |
| B | BOSCH | GKS85S |
| C | MAKITA | 5903R |
| | | |



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1. PRODUCT NAME

Hitachi Circular Saws, Models C 9U2/C 9BU2 [235 mm (9-1/4")]

2. MARKETING OBJECTIVE

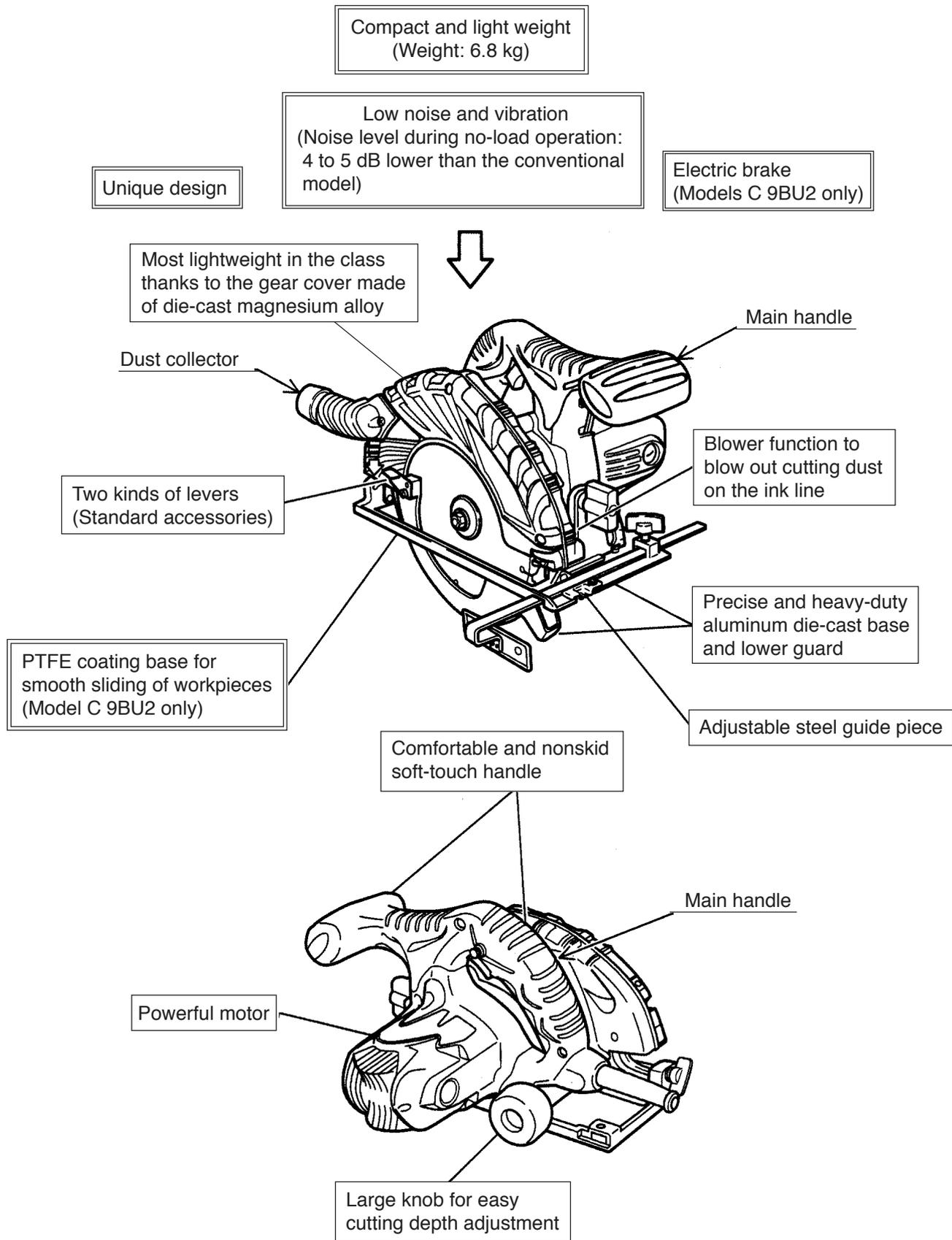
Fifteen years have passed since the sales start of the Model C 9U in the European market. Although this model has been well reputed in the market thanks to the ease of operation, compact and lightweight body until now, it is upgraded to the new Models C 9U2 and C 9BU2 owing to revision of the European 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 (Model C 9BU2 only)
- (5) PTFE coating base for smooth sliding of workpieces (Model C 9BU2 only)

3. APPLICATIONS

- Cutting of various wood materials

4. SELLING POINTS



4-1. Selling Point Descriptions

(1) Compact and light weight

Table 1. 9" circular saw weight comparisons (* measured weight excludes cord, guide and saw blade)

| Maker | | HITACHI | B | HITACHI | C |
|-------------------|----|---------|-----|---------|-----|
| Model | | C 9U2 | | C 9BU2 | |
| Catalog weight | kg | 6.8 | 6.9 | 6.8 | 7.0 |
| * Measured weight | kg | 6.7 | 7.3 | 6.7 | 6.8 |

The Models C 9U2 and C 9BU2 are most lightweight in each category as shown in Table 1.

(2) Unique design

Ease of operation is sufficiently considered in designing the Models C 9U2 and C 9BU2 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 9U2 and C 9BU2, 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 above.

(4) Electric brake (Model C 9BU2 only)

The Model C 9BU2 is equipped with the electric brake function that is well-reputed in the conventional model. 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 Model C 9BU2 can quickly start the next work.

(5) PTFE coating base for smooth sliding of workpieces (Model C 9BU2 only)

When the operator pushes the circular saw 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 2. Comparison of power input/measured weight ratio when using 9" dia. saw blade

| Maker | | HITACHI | B | HITACHI | C |
|-------------------|------|---------|------|---------|------|
| Model | | C 9U2 | | C 9BU2 | |
| Power input | W | 2000 | 1700 | 2000 | 2000 |
| * Measured weight | kg | 6.7 | 7.3 | 6.7 | 6.8 |
| Input/weight | W/kg | 299 | 233 | 299 | 295 |

The Models C 9U2 and C 9BU2 are superior to competitors concerning power input values in each category as shown in Table 2. The power input/measured weight ratio obtained by dividing the power input by the measured weight is also superior to competitors. The Models C 9U2 and C 9BU2 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 9U2 and C 9BU2 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 9U2 and C 9BU2 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 9U2 and C 9BU2 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.

(13) Gear cover made of die-cast magnesium alloy

The Models C 9U2 and C 9BU2 are most lightweight in the class thanks to the gear cover made of die-cast magnesium alloy.

5. SPECIFICATIONS

| Model | | C 9U2 | C 9BU2 |
|----------------------|-------------------|--|-------------------------|
| Saw blade diameter | | 235 mm (9-1/4") | |
| Cutting depth | at 90° | 0 to 86 mm (0 to 3-3/8") | |
| | at 45° | Max. 65 mm (2-9/16") | |
| 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 magnesium alloy | |
| | Saw cover | Polycarbonate resin, elastomer | |
| | Lower guard | Die-cast aluminum alloy | |
| | Base | Die-cast aluminum alloy | |
| Voltage (V) | | 110 | 230 |
| * Current (A) | | 16 | 9.2 |
| * Power input | | 1,670 W | 2,000 W |
| Rotation speed | No-load | 5,000 min ⁻¹ | |
| | Full-load | 2,680 min ⁻¹ | 3,360 min ⁻¹ |
| Weight | ** Net | 6.8 kg (15.0 lbs) | |
| | Gross | 9.0 kg (19.8 lbs) | |
| | Gross (with case) | 11.5 kg (25.4 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) ... for 30 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

| Maker | HITACHI | | B | HITACHI | C | |
|-------------------------|---|------------------------|------------------------|--------------|--------------|---------------|
| | C 9U2 | C 9U | | | | |
| Catalog specifications | Saw blade diameter | mm (in.) | 235 (9-1/4") | 235 (9-1/4") | 235 (9-1/4") | |
| | | Max. cutting depth | 90° | 86 (3-3/8") | 86 (3-3/8") | 85 (3-11/32") |
| | | | 45° | 65 (2-9/16") | 65 (2-9/16") | 64 (2-33/64") |
| | Power input | W | 2000 | 1700 | 2000 | |
| | No-load rotation speed | min ⁻¹ | 5000 | 4000 | 4500 | |
| | Overall length | mm | 397 | 395 | 400 | |
| | Weight | kg (lbs.) | 6.8 (15.0) | 7.1 (15.7) | 6.8 (15.0) | 7.0 (15.4) |
| | No-load rotation speed | min ⁻¹ | 5040 | 4630 | 4700 | 4720 |
| | Full-load rotation speed | min ⁻¹ | 3360 | 3220 | 3180 | 3800 |
| | Full-load output | W | 1260 | 1160 | 1370 | 980 |
| Max. output | W | 3220 | 2900 | 3020 | 3930 | |
| No-load noise | dB | 85 | 90 | 92 | 91 | |
| Material of base | | Nickel plated aluminum | Nickel plated aluminum | Steel | Aluminum | |
| Material of lower guard | | Aluminum | Aluminum | Aluminum | Aluminum | |
| Soft-touch handle | | Provided | None | None | None | |
| Blower function | | Provided | None | None | None | |
| Structure |  | L | 397 | 376 | 397 | |
| | | H | 291 | 288 | 291 | |
| | | W | 272 | 257 | 272 | |

7. PRECAUTIONS IN SALES PROMOTION

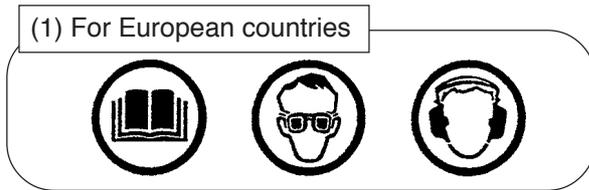
In the interest of promoting the safest and most efficient use of the Models C 9U2 and C 9BU2 Circular Saws by all of our customers, it is very important that at the time of sale the salesperson carefully ensures that the buyer seriously recognizes the importance of the contents of the Handling Instructions.

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 9U2 and C 9BU2 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 9U2. 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 235MM **[12]** is removed to prevent damage to its cutting edge, and to avoid possible serious accident.

(2) Removal of the Safety Cover **[7]**

First, disconnect the Return Spring **[8]** from the Safety Cover **[7]**. Then, loosen the two Seal Lock Flat Hd. Screws M5 x 14 **[10]** and take off the Bearing Cover **[9]**. The Safety Cover **[7]** can then be removed.

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

After removing the Safety Cover **[7]** as described above, loosen the two Seal Lock Flat Hd. Screws M6 x 14 **[4]**.

(4) Separation of the Spindle and Gear Set **[2]** from the Bearing Holder **[3]**

As illustrated in Fig. 1, support the Bearing Holder **[3]** with an appropriate tubular jig, and push down on the end of the spindle to separate the Spindle and Gear Set **[2]** from the Bearing Holder **[3]**.

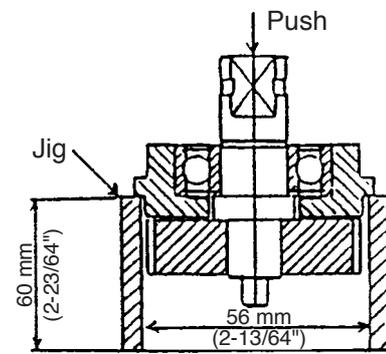


Fig. 1

(5) Removal of the Armature **[25]**

First, remove the Brush Caps **[64]** and take out the Carbon Brushes (1 Pair) **[63]**. Then, loosen the Machine Screws (W/Washers) M5 x 40 (Black) **[60]** and separate the Housing Ass'y **[65]** from the Gear Cover **[28]**. If the Armature **[25]** is remained in the Housing Ass'y **[65]**, gently tap the Housing Ass'y **[65]** on the edge of the surface where the Gear Cover **[28]** is mounted with a wooden or plastic hammer and remove the Armature **[25]**. At this time, be very careful not to hit the fan on the Armature **[25]**. If the Bearing Bushing **[32]** is remained in the Housing Ass'y **[65]**, remove it in the same manner as the case of the Armature **[25]**. If the Rubber Bushing **[31]** is remained in the Housing Ass'y **[65]**, remove it with tweezers being very careful not to scratch it.

(6) Removal of the Base Ass'y **[45]**

Extract the Roll Pin D8 x 50 **[27]** and disassemble the Base Ass'y **[45]** from the Gear Cover **[28]**.

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 [18] [21] [46] | 1.8 ± 0.4 N·m {18 ± 4 kgf·cm} |
| Special Bolt [16] | 1.8 ± 0.4 N·m {18 ± 4 kgf·cm} |
| Machine Screws M5 [10] [60] | 3.4 ± 0.7 N·m {35 ± 7 kgf·cm} |
| Seal Lock Flat Hd. Screw M6 x 14 [4] | 4.9 ± 1.0 N·m {50 ± 10 kgf·cm} |
| Hex. Socket Hd. Bolts M8 [20] [52] | 14.7 ± 1.0 N·m {150 ± 10 kgf·cm} |
| Tapping Screws (W/Flange) D4 [56] [70] [76] | 2.0 ± 0.5 N·m {20 ± 5 kgf·cm} |
| Hex. Hd. Tapping Screw D5 x 65 [34] | 2.9 ± 0.5 N·m {30 ± 5 kgf·cm} |
| Screw of switches | 0.8 ± 0.2 N·m {8 ± 2 kgf·cm} |
| Screw of pillar terminal | 0.35 ± 0.1 N·m {3.5 ± 1 kgf·cm} |

(2) Reassembling the Stator Ass'y [23]

To align each screw hole of the Stator Ass'y [23] and the Housing Ass'y [65] 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 [23] to the Housing Ass'y [65] as shown in Fig. 2. After press-fitting, hook the Brush Terminal [22] on the Brush Holder [62]. Be careful not to pinch the internal wire of the Stator Ass'y [23] between the Stator Ass'y [23] and the seat for the Hex. Hd. Tapping Screw D5 x 65 [34] in the Housing Ass'y [65]. Secure the Stator Ass'y [23] to the Housing Ass'y [65] with the two Hex. Hd. Tapping Screws D5 x 65 [34].

(3) Reassembly of the Armature [25]

Prior to assembling the Armature [25], ensure that the Rubber Ring [36] is properly inserted into the groove of the bearing case within the Gear Cover [28]. At this time, be very careful not to damage the Rubber Ring [36]. Be sure to mount the Bearing Bushing [32] and the Rubber Bushing [31] to the Armature [25] before reassembly. Do not perform reassembly with the Bearing Bushing [32] and the Rubber Bushing [31] remained in the Housing Ass'y [65].

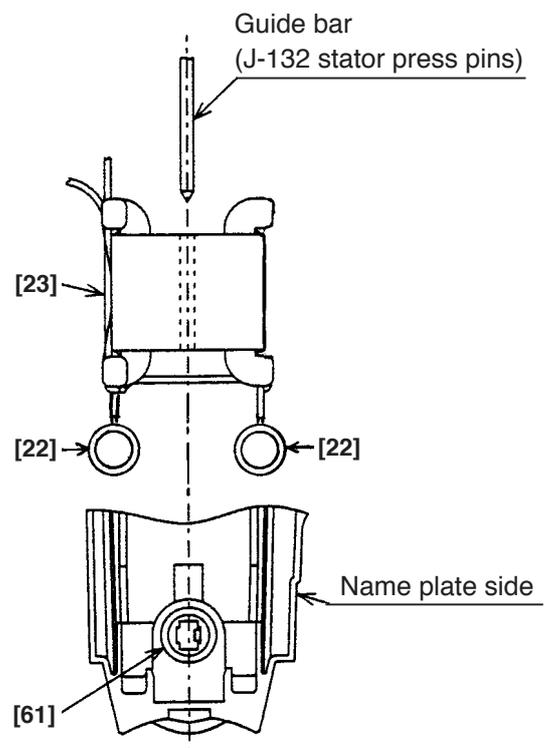


Fig. 2

(4) Reassembly of the Lock Lever [26] (See Fig. 3.)

A. Position the Lock Lever [26] between the fan and the Ball Bearing 6202VVCMP52L [35] of the Armature [25], and carefully assemble it together with the Armature [25] into the Gear Cover [28].

B. Ensure that both ends of the spring on the Lock Lever [26] are properly supported inside the ribs of the Gear Cover [28].

C. When assembly of the Lock Lever [26] is completed (when the Gear Cover [28] has been assembled to the Housing Ass'y [65] and fastening with the Machine Screws (W/Washers) M5 x 40 (Black) [60]), push the Lock Lever [26] by hand and ensure that it returns to its original position when released.

(5) Lubrication

Literally apply the designated lubricants as follows:

- Within the Gear Cover [28] Grease (SEP-3A) Code No. 930035
9 g
- Apply the above grease to the pinion teeth of the Armature [25] 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.

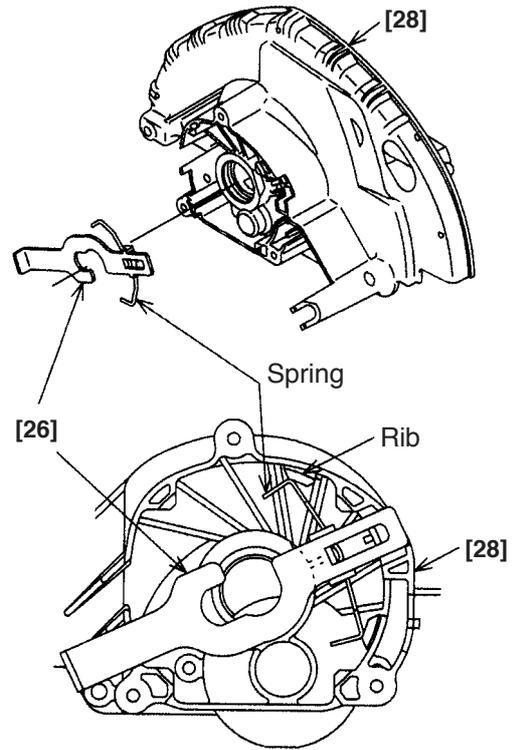


Fig. 3

A. Model C 9U2

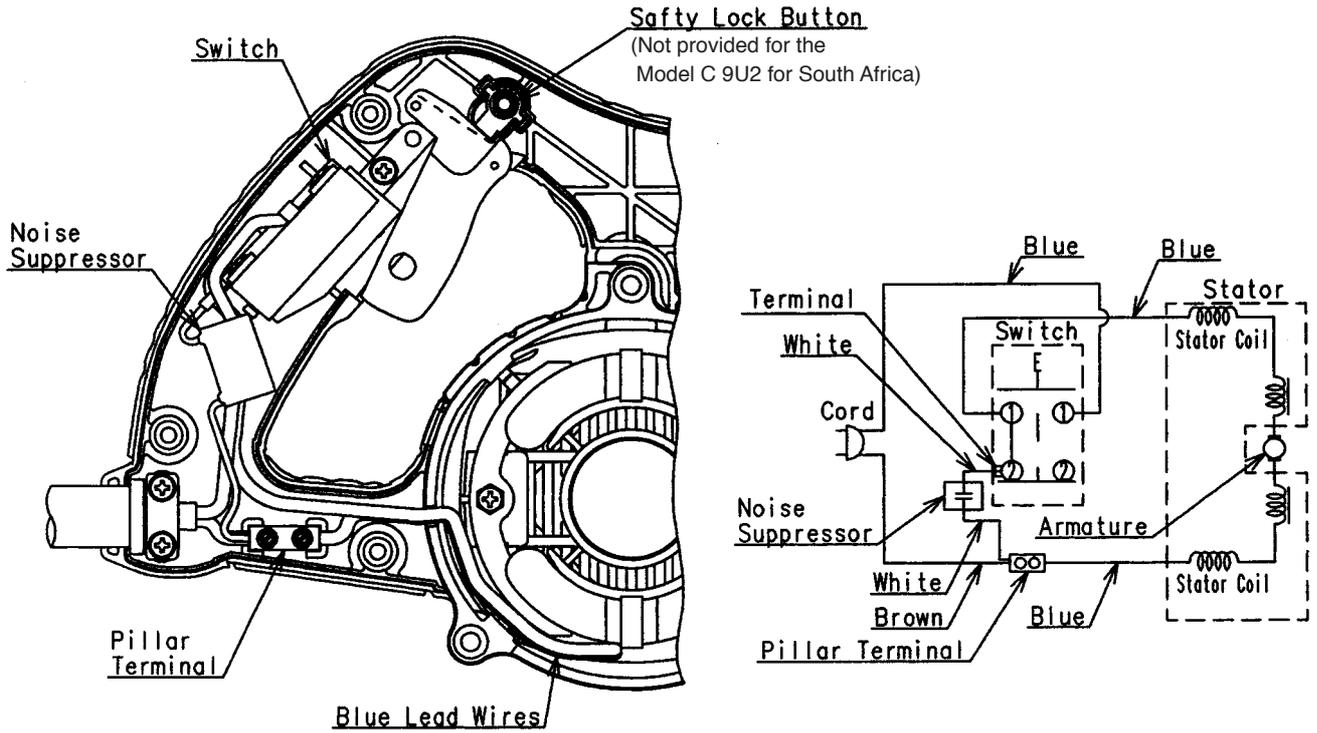


Fig. 4

B. Model C 9U2 (For Switzerland)

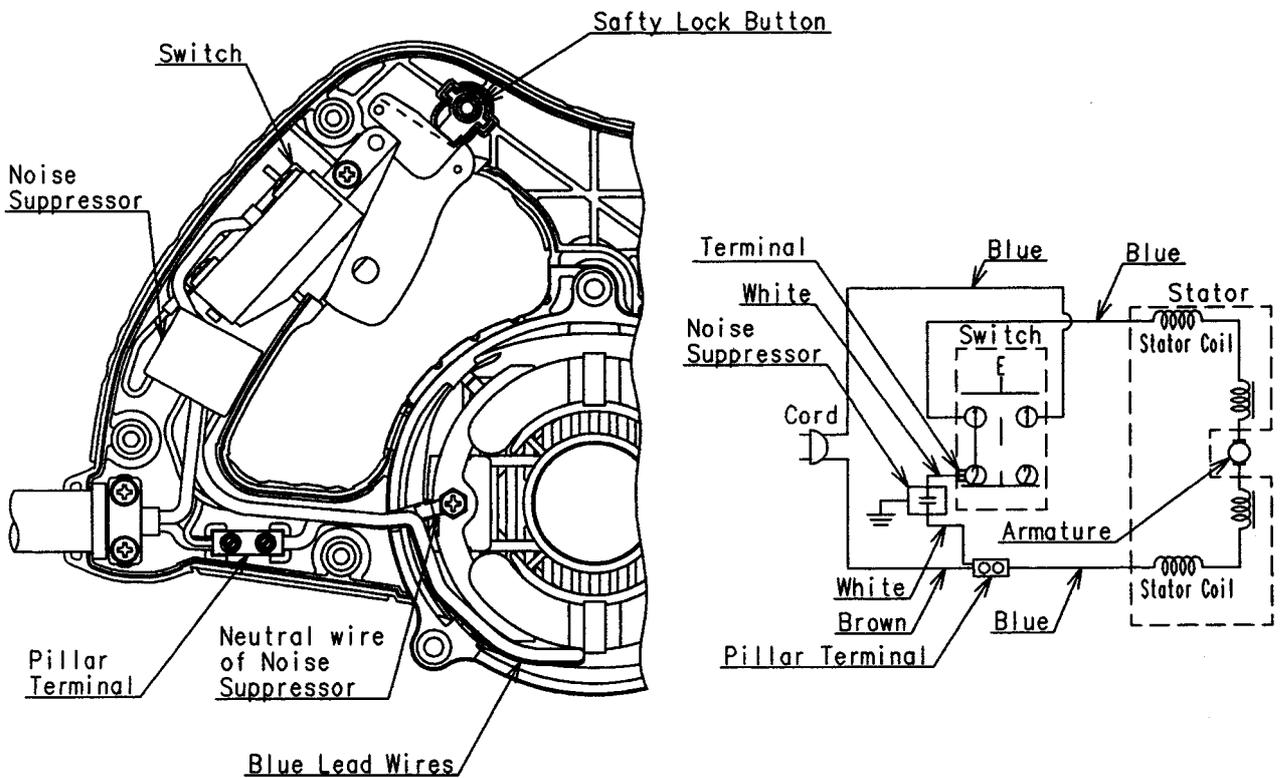


Fig. 5

C. Model C 9BU2

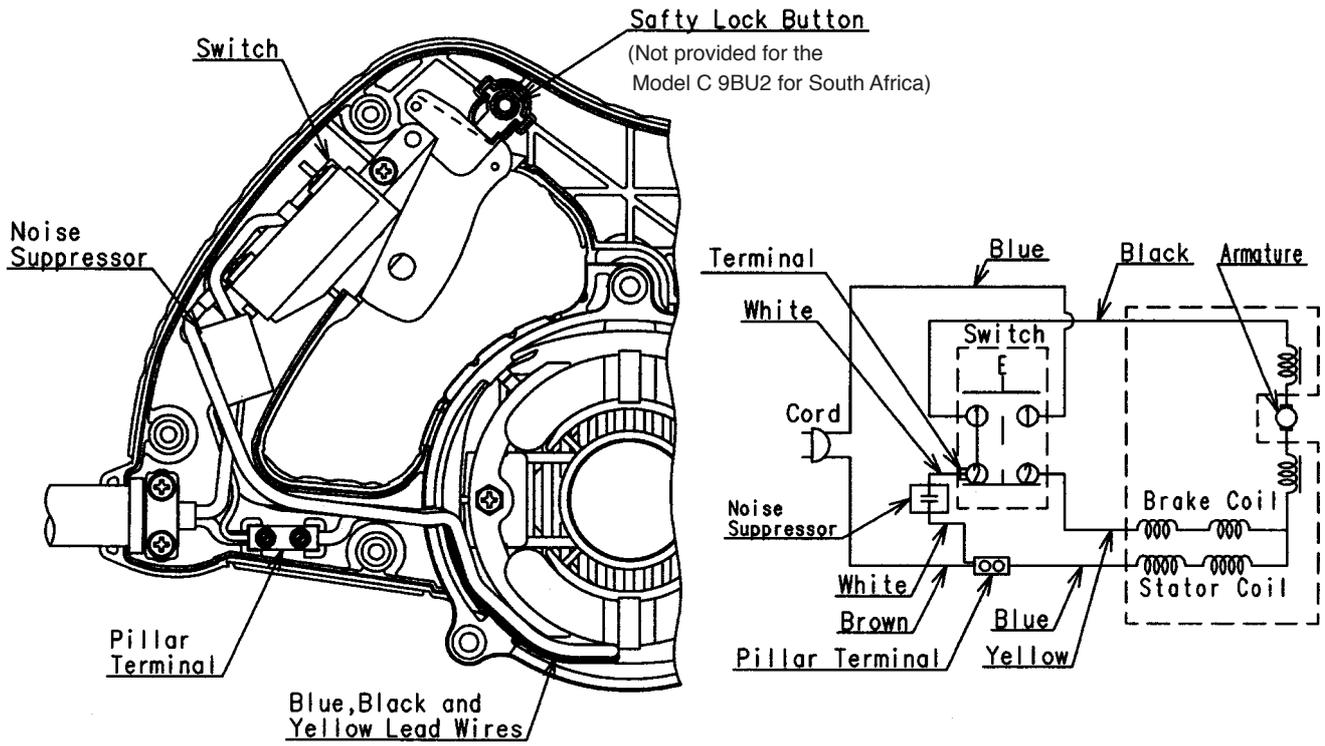


Fig. 6

D. Model C 9BU2 (For Switzerland)

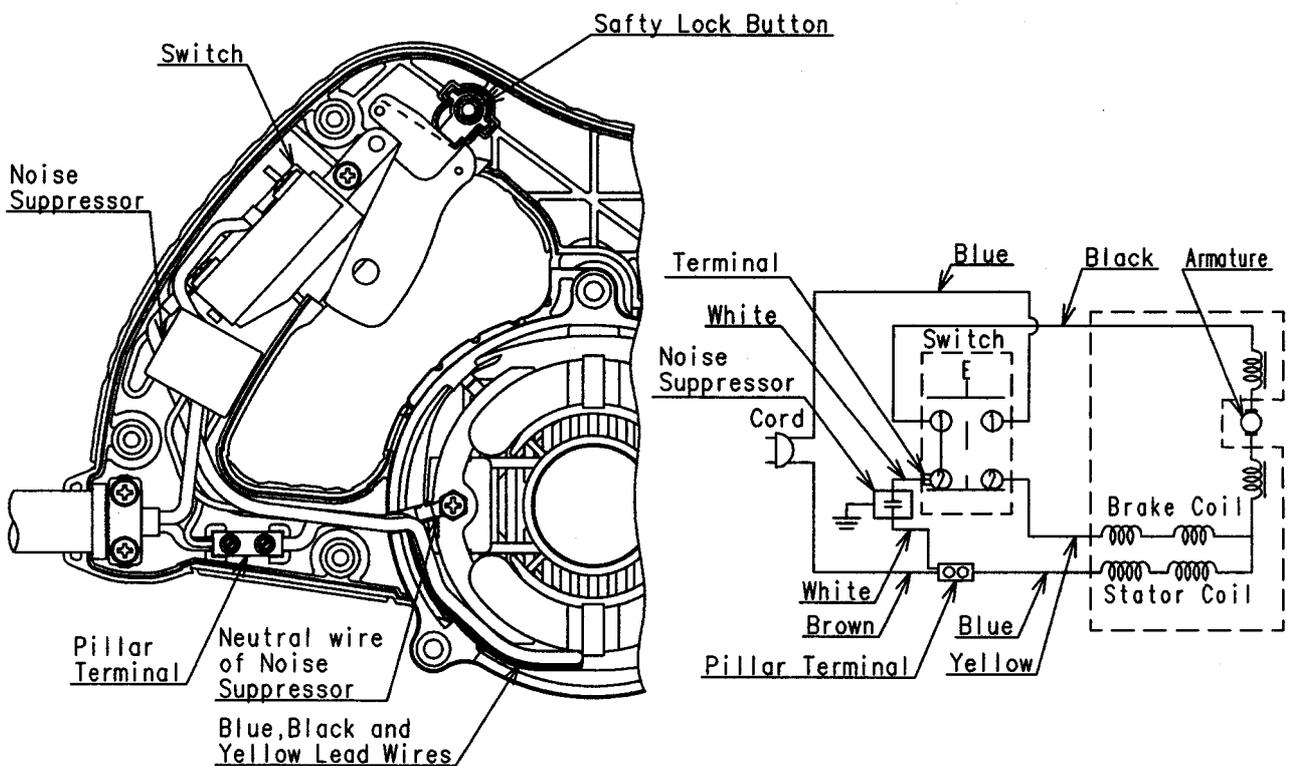


Fig. 7

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

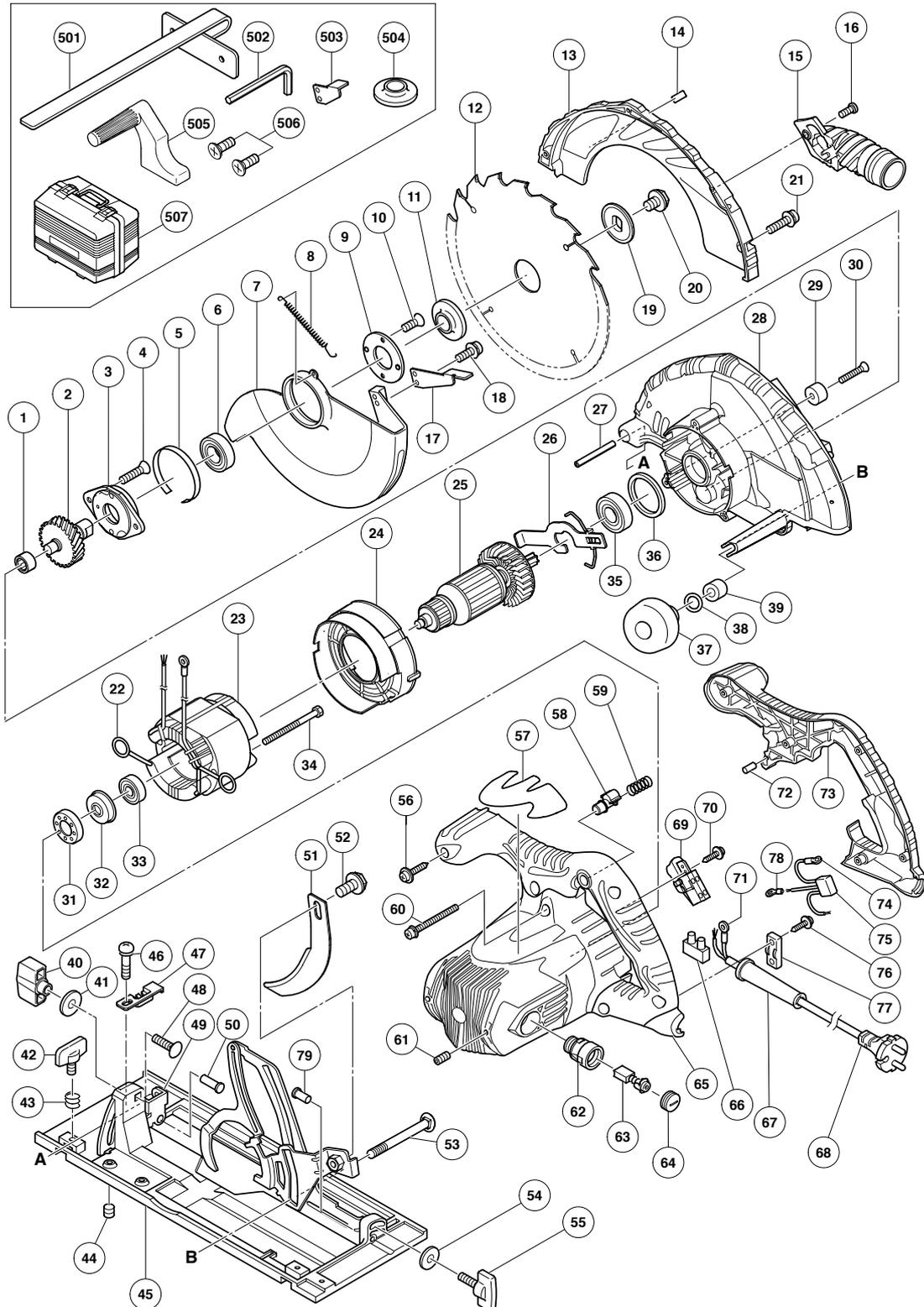
| MODEL | Variable | | 10 | 20 | 30 | 40 | 50 | 60 min. |
|--------|------------------|---|----|---|-------------------------------|----|----|---------|
| | Fixed | | | | | | | |
| C 9U2 | | Work Flow | | | | | | |
| | | | | | | | | |
| C 9BU2 | | Handle Cover | | Switch Cord Cord Armor | | | | |
| | | | | | Housing Ass'y Stator Ass'y | | | |
| | General Assembly | Protective Cover Return Spring Saw Cover | | Armature Ass'y Ball Bearing (6202VV) Ball Bearing (6000VV) Bearing Bushing | | | | |
| | | | | Sprindle and Gear Set Bearing Holder Ball Bearing (6203VV) | | | | |
| | | Base Ass'y | | Gear Cover | | | | |

ELECTRIC TOOL PARTS LIST

■ CIRCULAR SAW Model C 9U2

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(E1)



PARTS

C 9U2

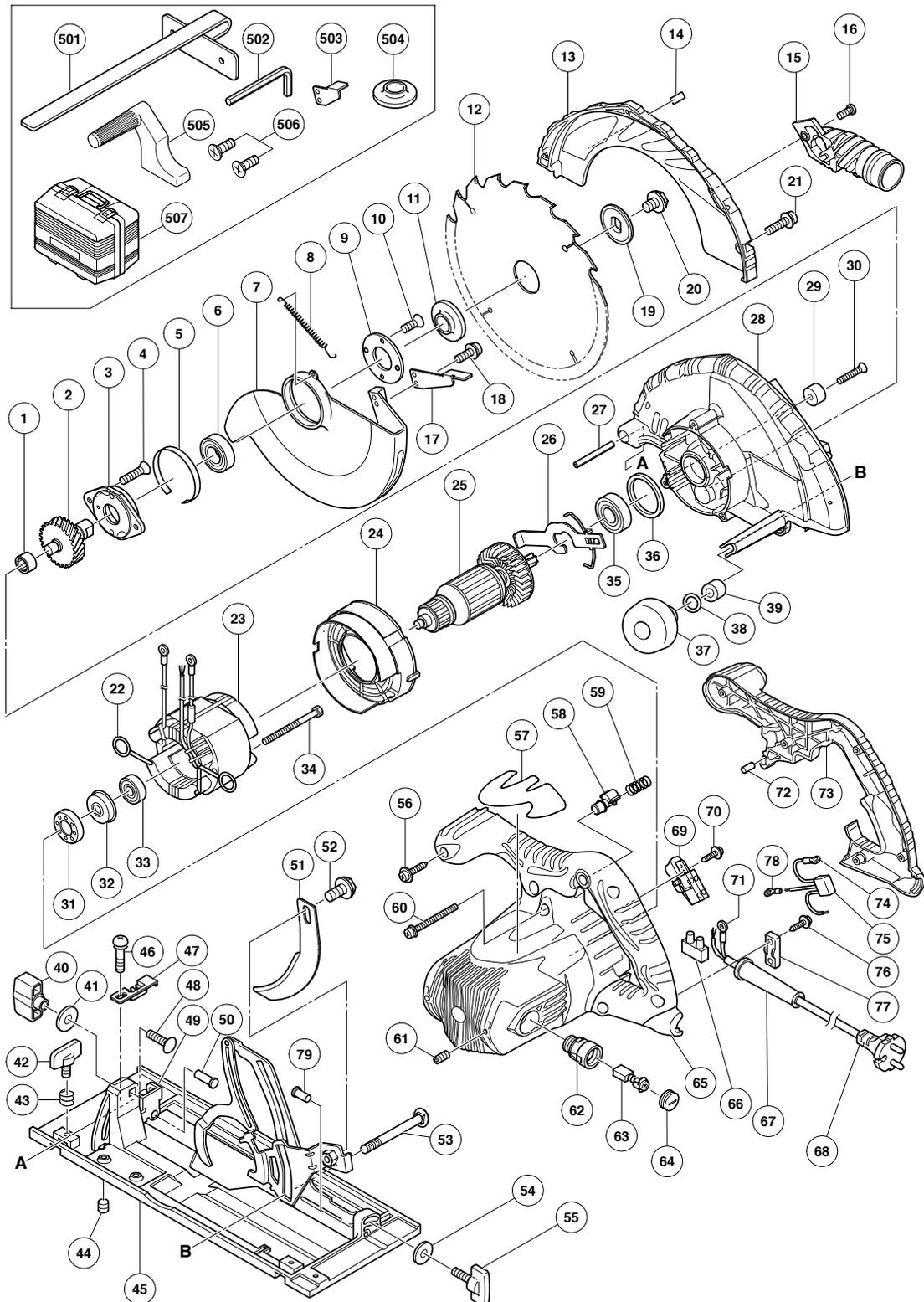
| ITEM NO. | CODE NO. | DESCRIPTION | NO. USED | REMARKS |
|----------|----------|---|----------|-----------------------------------|
| 1 | 673-002 | NEEDLE BEARING (HK1212) | 1 | |
| 2 | 303-789 | SPINDLE AND GEAR SET | 1 | |
| 3 | 303-790 | BEARING HOLDER | 1 | |
| 4 | 303-797 | SEAL LOCK FLAT HD. SCREW M6X14 | 2 | |
| 5 | 998-887 | LINER | 1 | |
| 6 | 620-3VV | BALL BEARING 6203VVCMP2L | 1 | |
| 7 | 325-353 | SAFETY COVER | 1 | |
| 8 | 303-805 | RETURN SPRING | 1 | |
| 9 | 303-804 | BEARING COVER | 1 | |
| 10 | 992-013 | SEAL LOCK FLAT HD. SCREW M5X14 | 2 | |
| 11 | 302-476 | WASHER (A) | 1 | |
| * 12 | 303-809 | TCT SAW BLADE 235MM-D15.9 HOLE-NT20 | 1 | |
| * 12 | 303-810 | TCT SAW BLADE 235MM-D30 HOLE-NT20 | 1 | |
| 13 | 325-354 | SAW COVER | 1 | |
| 14 | | HITACHI LABEL | 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 | 305-691 | MACHINE SCREW (W/WASHERS) M4X14 (BLACK) | 4 | |
| 22 | 937-623 | BRUSH TERMINAL | 2 | |
| * 23 | 340-660P | STATOR ASS'Y 110V | 1 | INCLUD. 22 |
| * 23 | 340-660Q | STATOR ASS'Y 230V | 1 | INCLUD. 22 |
| 24 | 325-352 | FAN GUIDE | 1 | |
| * 25 | 360-759C | ARMATURE 110V | 1 | |
| 25 | 360-759E | ARMATURE 230V | 1 | |
| 26 | 303-793 | LOCK LEVER | 1 | |
| 27 | 949-884 | ROLL PIN D8X50 (10 PCS.) | 1 | |
| 28 | 325-350 | GEAR COVER | 1 | |
| 29 | 961-729 | CUSHION | 1 | |
| 30 | 949-794 | FLAT HD. SCREW M6X20 (10 PCS.) | 1 | |
| 31 | 325-356 | RUBBER BUSHING | 1 | |
| 32 | 325-355 | BEARING BUSHING | 1 | |
| 33 | 600-0VV | BALL BEARING 6000VVCMP2L | 1 | |
| 34 | 960-251 | HEX. HD. TAPPING SCREW D5X65 | 2 | |
| 35 | 620-2VV | BALL BEARING 6202VVCMP2L | 1 | |
| 36 | 303-792 | RUBBER RING | 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 | 947-859 | LOCK SPRING | 1 | |
| 44 | 302-469 | SLOTTED HD. SET SCREW (SEAL LOCK) M6X6 | 1 | |
| 45 | 325-360 | BASE ASS'Y | 1 | INCLUD. 40, 41, 46-50, 54, 55, 79 |
| 46 | 317-333 | MACHINE SCREW (W/SP. WASHER) M4X6 | 1 | |
| 47 | 324-659 | GUIDE PIECE | 1 | |
| 48 | 302-457 | BOLT (SQUARE) M8X30 | 1 | |

ELECTRIC TOOL PARTS LIST

■ CIRCULAR SAW Model C 9BU2

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(E1)



PARTS

C 9BU2

| ITEM NO. | CODE NO. | DESCRIPTION | NO. USED | REMARKS |
|----------|----------|---|----------|-----------------------------------|
| 1 | 673-002 | NEEDLE BEARING (HK1212) | 1 | |
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| 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 | 305-691 | MACHINE SCREW (W/WASHERS) M4X14 (BLACK) | 4 | |
| 22 | 937-623 | BRUSH TERMINAL | 2 | |
| * 23 | 340-661C | STATOR ASS'Y 110V | 1 | INCLUD. 22 |
| * 23 | 340-661E | STATOR ASS'Y 230V | 1 | INCLUD. 22 |
| 24 | 325-352 | FAN GUIDE | 1 | |
| * 25 | 360-759C | ARMATURE 110V | 1 | |
| * 25 | 360-759E | ARMATURE 230V | 1 | |
| 26 | 303-793 | LOCK LEVER | 1 | |
| 27 | 949-884 | ROLL PIN D8X50 (10 PCS.) | 1 | |
| 28 | 325-350 | GEAR COVER | 1 | |
| 29 | 961-729 | CUSHION | 1 | |
| 30 | 949-794 | FLAT HD. SCREW M6X20 (10 PCS.) | 1 | |
| 31 | 325-356 | RUBBER BUSHING | 1 | |
| 32 | 325-355 | BEARING BUSHING | 1 | |
| 33 | 600-0VV | BALL BEARING 6000VVCMP2L | 1 | |
| 34 | 960-251 | HEX. HD. TAPPING SCREW D5X65 | 2 | |
| 35 | 620-2VV | BALL BEARING 6202VVCMP2L | 1 | |
| 36 | 303-792 | RUBBER RING | 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 | 947-859 | LOCK SPRING | 1 | |
| 44 | 302-469 | SLOTTED HD. SET SCREW (SEAL LOCK) M6X6 | 1 | |
| 45 | 325-366 | BASE ASS'Y | 1 | INCLUD. 40, 41, 46-50, 54, 55, 79 |
| 46 | 317-333 | MACHINE SCREW (W/SP. WASHER) M4X6 | 1 | |
| 47 | 324-659 | GUIDE PIECE | 1 | |
| 48 | 302-457 | BOLT (SQUARE) M8X30 | 1 | |

