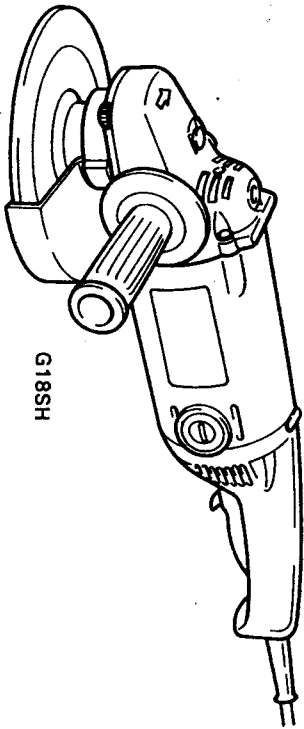


HITACHI

DISC GRINDER WINKELSCHLEIFER MEULEUSE SMERIGLIATRICE ANGOLARE HAAKSE SLIJPMACHINE AMOLADORA ANGULAR

G 18SH • G 18U • G 18SE2 • G 18UA
G 18SG • G 18UB • G 23SF • G 23U
G 23SC2 • G 23UA • G 23SE • G 23UB



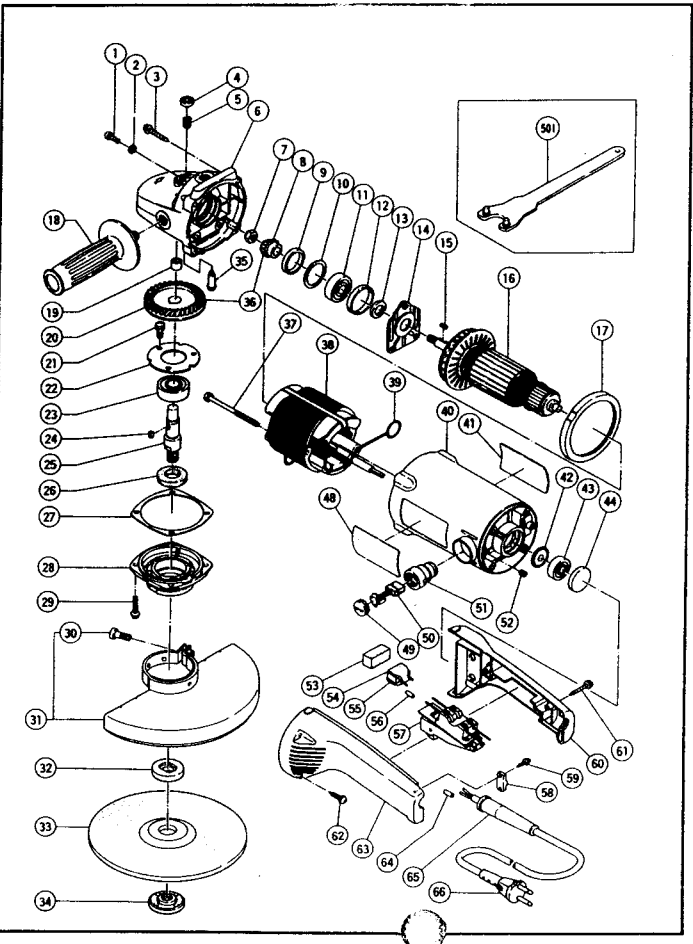
G18SH

Read through carefully and understand these instructions before use.
Diese Anleitung vor Benutzung des Werkzeugs sorgfältig durchlesen und verstehen.
Lire soigneusement et bien assimiler ces instructions avant usage.
Prima dell'uso leggere attentamente e comprendere queste istruzioni.
Deze gebruiksaanwijzing s.v.p. voor gebruik zorgvuldig doorlezen.
Leer cuidadosamente y comprender estas instrucciones antes del uso.

Handling instructions
Bedienungsanleitung
Mode d'emploi
Istruzioni per l'uso
Gebruiksaanwijzing
Instrucciones de manejo



G23SC2 The exploded assembly drawing should be used only for authorized service facility.

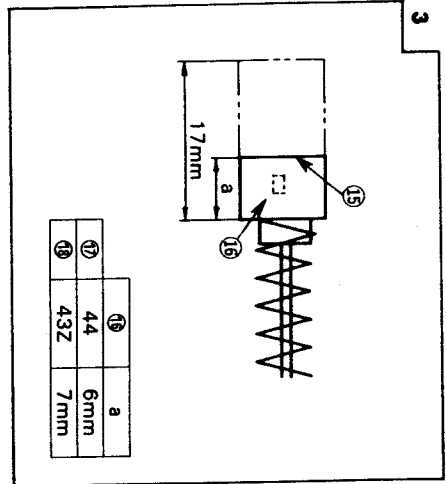
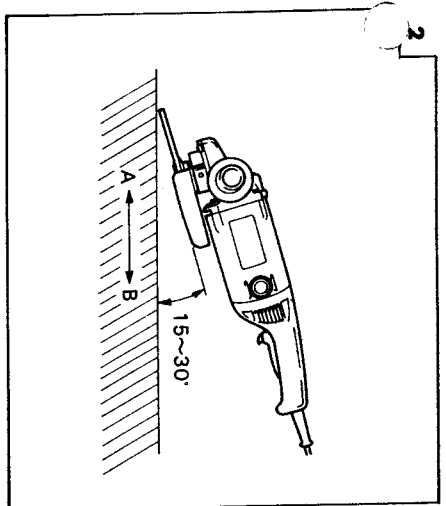
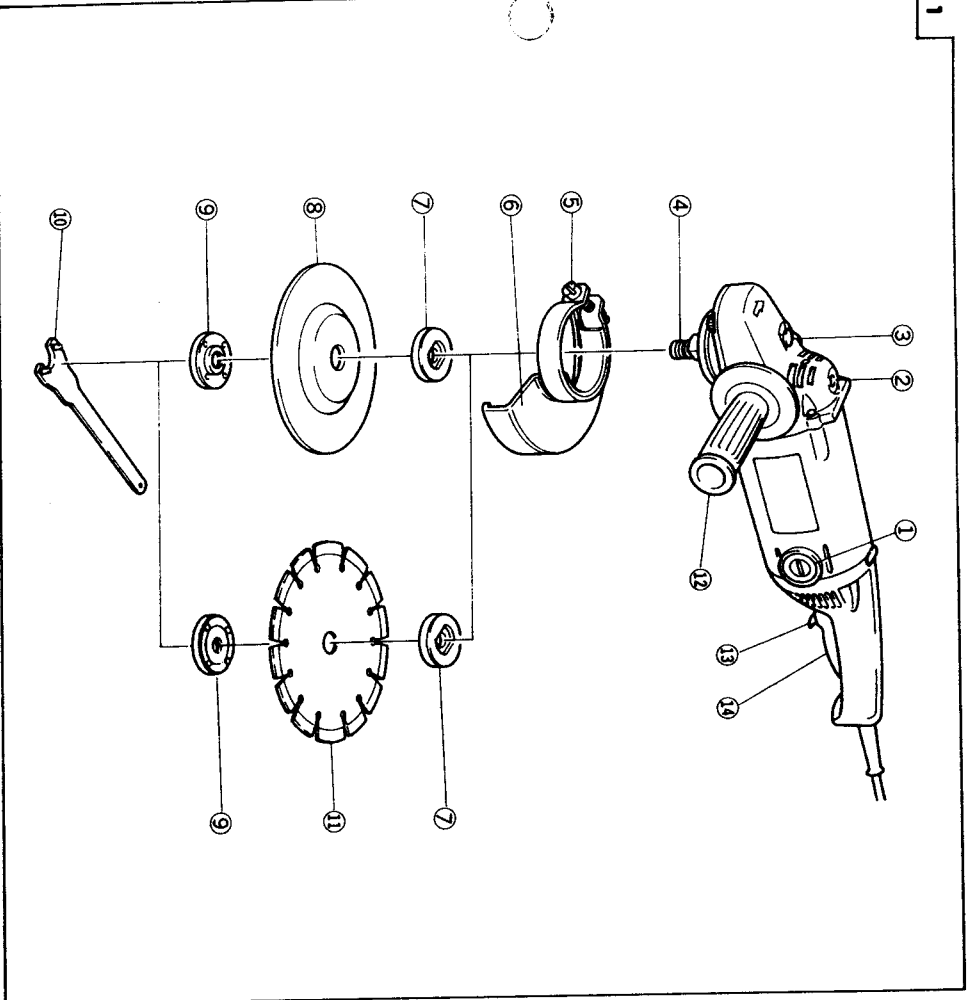


G23SC2

Item No.	Part Name	
1	Machine Screw	M5×14
2	Spring Washer	M5
3	Tapping Screw (W/Flange)	D5×35
4	Push Button	
5	Spring	
6	Gear Cover Ass'y	
7	U-Nut	M8
8	Pinion	
9	Seal Ring (A)	
10	Washer (A)	
11	Ball Bearing (6301DDUCMPS2S)	
12	Rubber Ring (B)	
13	Felt Packing (A)	
14	Bearing Cover	
15	Feather Key	3×3×10
16	Armature	
17	Fan Guide	
18	Side Handle For M14	
19	Needle Bearing (HK1212)	
20	Gear	
21	Seal Lock Screw (W/Sp. Washer)	M5×10
22	Bearing Cover (B)	
23	Ball Bearing (6302DDUCMPS2S)	
24	Feather Key	4×4×8
25	Spindle	
26	Felt Packing (B)	
27	Seal Plate	
28	Packing Gland	
29	Hex. Socket Hd. Bolt (W/Flange)	M5×16
30	Bolt	M8×22
31	Wheel Guard Ass'y	
32	Wheel Washer (A)	
33	D. C. Wheels 230MM A24R	
34	Wheel Nut	
35	Lock Pin	
36	Gear Ass'y	
37	Hex. Hd. Tapping Screw	D5×75
38	Stator Ass'y	
39	Brush Terminal	
40	Housing Ass'y	
41	Name Plate	
42	Dust Seal (A)	
43	Ball Bearing (6200VVCMP2S)	
44	Rubber Ring (D)	
48	HITACHI Label	
49	Brush Cap	
50	Carbon Brush	
51	Brush Holder	
52	Hex. Socket Set Screw	M5×8
53	Dust Packing	
54	Support (B)	
55	Noise Suppressor	
56	Tube (D)	
57	Switch	
58	Cord Clip	
59	Tapping Screw (W/Flange)	D4×16
60	Handle (B)	
61	Tapping Screw (W/Flange)	D4×25
62	Tapping Screw (W/Flange)	D5×25
63	Handle (A)	
64	Tube (D)	
65	Cord Armor	
66	Cord	
501	Wrench	

Item No.	Part Name
37	Hex. Hd. Tapping Screw D5×75
38	Stator Ass'y
39	Brush Terminal
40	Housing Ass'y
41	Name Plate
42	Dust Seal (A)
43	Ball Bearing (6200VVCMP2S)
44	Rubber Ring (D)
48	HITACHI Label
49	Brush Cap
50	Carbon Brush
51	Brush Holder
52	Hex. Socket Set Screw M5×8
53	Dust Packing
54	Support (B)
55	Noise Suppressor
56	Tube (D)
57	Switch
58	Cord Clip
59	Tapping Screw (W/Flange) D4×16
60	Handle (B)
61	Tapping Screw (W/Flange) D4×25
62	Tapping Screw (W/Flange) D5×25
63	Handle (A)
64	Tube (D)
65	Cord Armor
66	Cord
501	Wrench

Parts are subject to possible modification without notice due to improvement. The drawing and the list are parts structural drawing and parts list of model G23SC2. For other models refer to the drawing and the list.



English	Deutsch	Francais
1 Brush cap	Bürstendeckel	Capot de balai
2 Socket for side handle	Socket für Seitengriff	Douille pour poignée latérale
3 Push button (Spindle lock)	Druckknopf (Sperrplatte)	Bouton-poussoir (blocage d'arbre)
4 Spindle	Spindel	Arbre
5 Wheel guard	Schutzhaube	Couvre-meule
6 Wheel washer	Unterlegscheibe	Rondelle de la meule
7 Grinding wheel	Schleifscheibe	Meule
8 Wheel nut	Mutter für die Schleifscheibe	Ecrou de la meule
9 Wrench	Schlüssel	Clef
10 Diamond wheel	Diamantscheibe	Disque diamant
11 Side handle	Handgriff	Poignée latérale
12 Lock button	Sperrknopf	Touch de verrouillage
13 Switch	Schalter	Interrupteur
14 Wear limit	Verschleißgrenze	Limite d'usure
15 No. of carbon brush	N. der Kohlebürste	No. du balai en carbone
Usual carbon brush	Gewöhnliche Kohlebürste	Balai en carbone ordinaire
Auto-stop carbon brush	Auto-Stop Kohlebürste	Balai en carbone à arrêt automatique

Italiano	Nederlands	Español
1 Cappuccio della spazzola	Borstelkap	Tapa de la escobilla
2 Presa per l'impugnatura laterale	Bevestigingspunt voor zijhandgreep	Rosca para el asa lateral
3 Tasto di blocco dell'asse	Druckknopf (as-vergrendeling)	Boton pulsador (Bloqueo del eje)
4 Asse	As	Eje
5 Vite	Schroef	Tornillo
6 Carter della mola	Beschermkap	Cubierta protectora de muela
7 Rondelle "grover"	Onderlegschild	Arandela molar
8 Mola	Schuurschijf	Muela de alisado
9 Dado ad anello	Moer voor de schuurschijf	Contratuercas molar
10 Chiave	Sleutel	Llave para tuercas
11 Disco diamantata	Diamantsaagblad	Adiamantado
12 Impugnatura laterale	Handgreep	Asidero lateral
13 Tasto di blocco	Vergrendelknop	Botón de seguridad
14 Interruttore	Schakelaar	Commutador
15 Limite di usura	Slijtgrens	Limite de uso
16 N. della spazzola di carbone	Nr. van de koolborstel	No. de carbón de contacto
17 Spazzola di carbone comune	Normale koolborstel	Escobilla de carbón usual
18 Spazzola di carbone ad arresto automatico	Auto-stop koolborstel	Escobilla de carbón de parada automática

GENERAL OPERATIONAL PRECAUTIONS

1. Keep work area clean. Cluttered areas and benches invite injuries.
2. Consider work area environment. Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit. Don't use tool in presence of flammable liquids or gases.
Power tools produce sparks during operation. They also spark when switching ON/OFF. Never use power tools in dangerous sites containing lacquer, paint, benzine, thinner, gasoline, gases, adhesive agents, and other materials which are combustible or explosive.
3. Guard against electric shock. Prevent body contact with grounded surfaces. For example; pipes, radiators, ranges, refrigerator enclosures.
4. Keep children away. Do not let visitors contact tool or extension cord. All visitors should be kept away from work area.
5. Store idle tools. When not in use, tools should be stored in dry and high or locked-up place-out of reach of children.
6. Don't force tool. It will do the job better and safer at the rate for which it was intended.
7. Use right tool. Don't force small tool or attachment to do the job of a heavy-duty tool. Don't use tool for purpose not intended—for example—don't use circular saw for cutting tree limbs or logs.
8. Dress properly. Do not wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
9. Use eye protection. Also use face or dust mask if cutting operation is dusty.
10. Don't abuse cord. Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil and sharp edges.
11. Secure work. Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
12. Don't overreach. Keep proper footing and balance at all times.
13. Maintain tools with care. Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
14. Disconnect tools. When not in use, before servicing, and when changing accessories, such as blades, bits, cutters.
15. Remove adjusting keys and wrenches. Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
16. Avoid unintentional starting. Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.
17. Outdoor use extension cords. When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
18. Stay alert. Watch what you are doing. Use common sense. Do not operate tool when you are tired.
19. Check damaged parts. Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual. Have defective switches replaced by authorized service center. Do not use tool if switch does not turn it on and off.
20. Use the power tools only for applications specified in the Handling Instructions.
21. To avoid personal injury, use only the accessories or attachment recommended in these handling instructions or in the HITACHI catalog.
22. Let only the authorized service facility do the repairing.
The manufacturer will not be responsible for any damages or injuries caused by repair by unauthorized persons or by mishandling of the tool.
23. To ensure the designed operational integrity of power tools, do not remove installed covers or screws.
24. Do not touch movable parts or accessories unless the power source has been disconnected.
25. Use your tool at lower input than specified on the nameplate; otherwise, the finish may be spoiled and working efficiency reduced by motor overload.
26. Do not wipe plastic parts with solvent. Solvents such as gasoline, thinner, benzine, carbon tetrachloride, alcohol, ammonia and oil containing chloric annex may damage and crack plastic parts. Do not wipe them with such solvent. Wipe plastic parts with a soft cloth lightly dampened with soapy water.
27. Use only original HITACHI replacement parts.
28. Disassemble this tool only for replacement of carbon brushes.
29. Use the exploded assembly drawing on this handling instructions only for authorized servicing.

PRECAUTIONS ON USING DISC GRINDER

1. Never operate these power tools without Wheel Guards.
2. Use only grinding wheels with a "Safe Speed" of at least as high as the "No-Load RPM" indicated on the power tool nameplate.
3. Always hold the body handle and side handle of the power tool firmly. Otherwise the counterforce produced may result in inaccurate and even dangerous operation.
4. Never depress the push button while the spindle is turning.

ENGLISH



Manuall # 349

Angle Grinder 230mm/9"

Risk Assessment # 246

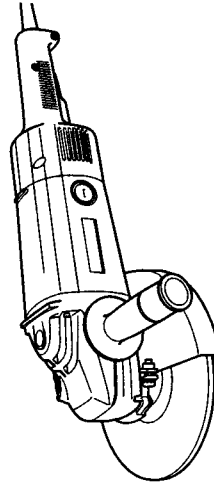
MODEL 9077

MODEL 9077S

MODEL 9077SL

MODEL 9079 - 0602

MODEL 9079S



001012



I N S T R U C T I O N M A N U A L

⚠ WARNING:

For your personal safety, READ and UNDERSTAND before using.
SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

SPECIFICATIONS

Model	9077SL	9077SLSL	9079/9079S
Depressed center wheel diameter	180 mm	180 mm	230 mm
Spindle thread	M14	M14	M14
No load speed (min ⁻¹)	7,800	6,000	6,000
Overall length	484 mm	484 mm	484 mm
Net weight	5.3 kg	5.3 kg	5.3 kg
Safety class	II / I		

- Due to our continuing programme of research and development, the specifications herein are subject to change without notice.
- Note: Specifications may differ from country to country.

Symbols

The following show the symbols used for the tool. Be sure that you understand their meaning before use.



.....Read instruction manual.



.....DOUBLE INSULATION



.....Wear safety glasses.

Intended use

The tool is intended for grinding, sanding and cutting of metal and stone materials without the use of water.

Power supply

The tool should be connected only to a power supply of the same voltage as indicated on the nameplate, and can only be operated on single-phase AC supply. They are double-insulated in accordance with European Standard and can, therefore, also be used from sockets without earth wire.

For public low-voltage distribution systems of between 220 V and 250 V.

Switching operations of electric apparatus cause voltage fluctuations. The operation of this device under unfavorable mains conditions can have adverse effects to the operation of other equipment. With a mains impedance equal or less than 0.25 Ohms it can be presumed that there will be no negative effects. The mains socket used for this device must be protected with a fuse or protective circuit breaker having slow tripping characteristics.

For European countries only

Noise and Vibration

The typical A-weighted noise levels are

sound pressure level: 88 dB (A)

sound power level: 101 dB (A)

– Wear ear protection. –

The typical weighted root mean square acceleration value is 3 m/s².

EC-DECLARATION OF CONFORMITY

We declare under our sole responsibility that this product is in compliance with the following standards of standardized documents, HD400, EN50144, EN55014, EN61000 in accordance with Council Directives, 73/23/EEC, 89/336/EEC, 98/37/EC.

Yasuhiko Kanzaki CE 2002

Director

MAKITA INTERNATIONAL EUROPE LTD.

Michigan Drive, Tongwell, Milton Keynes, Bucks MK15 8JD, ENGLAND

SAFETY INSTRUCTIONS

ENJA001-2

⚠ WARNING:

When using electric tools, basic safety precautions, including the following, should always be followed to reduce the risk of fire, electric shock and personal injury. Read all these instructions before operating this product and save these instructions.

For safe operations:

- Keep work area clean.**
Cluttered areas and benches invite injuries.
- Consider work area environment.**
Do not expose power tools to rain. Do not use power tools in damp or wet locations. Keep work area well lit. Do not use power tools where there is risk to cause fire or explosion.
- Guard against electric shock.**
Avoid body contact with earthed or grounded surfaces (e.g. pipes, radiators, ranges, refrigerators).
- Keep children away.**
Do not let visitors touch the tool or extension cord. All visitors should be kept away from work area.
- Store idle tools.**
When not in use, tools should be stored in a dry, high or locked up place, out of reach of children.
- Do not force the tool.**
It will do the job better and safer at the rate for which it was intended.
- Use the right tool.**
Do not force small tools or attachments to do the job of a heavy duty tool. Do not use tools for purposes not intended; for example, do not use circular saws to cut tree limbs or logs.
- Dress properly.**
Do not wear loose clothing or jewellery, they can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protecting hair covering to contain long hair.
- Use safety glasses and hearing protection.**
Also use face or dust mask if the cutting operation is dusty.
- Connect dust extraction equipment.**
If devices are provided for the connection of dust extraction and collection facilities ensure these are connected and properly used.
- Do not abuse the cord.**
Never carry the tool by the cord or yank it to disconnect it from the socket. Keep the cord away from heat, oil and sharp edges.
- Secure work.**
Use clamps or a vice to hold the work. It is safer than using your hand and it frees both hands to operate the tool.
- Do not overreach.**
Keep proper footing and balance at all times.
- Maintain tools with care.**
Keep cutting tools sharp and clean for better and safer performance. Follow instructions for lubrication and changing accessories. Inspect tool cord periodically and if damaged have it repaired by an authorized service facility. Inspect extension cords periodically and replace, if damaged. Keep handles dry, clean and free from oil and grease.
- Disconnect tools.**
When not in use, before servicing and when changing accessories such as blades, bits and cutters.
- Remove adjusting keys and wrenches.**
Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.
- Avoid unintentional starting.**
Do not carry a plugged-in tool with a finger on the switch. Ensure switch is off when plugging in.
- Use outdoor extension leads.**
When tool is used outdoors, use only extension cords intended for outdoor use.
- Stay alert.**
Watch what you are doing. Use common sense. Do not operate tool when you are tired.
- Check damaged parts.**
Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, free running of moving parts, breakage of parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated in this instruction manual. Have defective switches replaced by an authorized service facility. Do not use the tool if the switch does not turn it on and off.
- Warning.**
The use of any accessory or attachment, other than those recommended in this instruction manual or the catalog, may present a risk of personal injury.
- Have your tool repaired by a qualified person.**
This electric tool is in accordance with the relevant safety requirements. Repairs should only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user.

ADDITIONAL SAFETY RULES

1. Always use eye and ear protection. Other personal protective equipment such as dust mask, gloves, helmet and apron should be worn.
2. Always be sure that the tool is switched off and unplugged before carrying out any work on the tool.
3. Keep guards in place.
4. Use only wheels with correct size and wheels having a maximum operating speed at least as high as the highest No Load Speed marked on the tool's nameplate. When using depressed center wheels, be sure to use only fiberglass-reinforced wheels.
5. Check the wheel carefully for cracks or damage before operation. Replace cracked or damaged wheel immediately.
6. Observe the instructions of the manufacturer for correct mounting and use of wheels. Handle and store wheels with care.
7. Do not use separate reducing bushings or adaptors to adapt large hole abrasive wheels.
8. Use only flanges specified for this tool.
9. Do not damage the spindle, the flange (especially the installing surface) or the lock nut. Damage to these parts could result in wheel breakage.
10. For tools intended to be fitted with threaded hole wheel, ensure that the thread in the wheel is long enough to accept the spindle length.
11. Before using the tool on an actual workpiece, test run the tool at the highest no load speed for at least 30 seconds in a safe position. Stop immediately if there is any vibration or wobbling that could indicate poor installation or a poorly balanced wheel. Check the tool to determine the cause.
12. Check that the workpiece is properly supported.

ENB031-6

FUNCTIONAL DESCRIPTION

⚠ CAUTION:

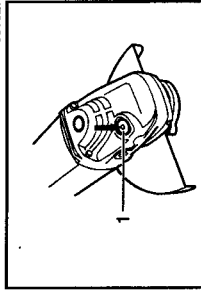
- Always be sure that the tool is switched off and unplugged before adjusting or checking function on the tool.

Shaft lock

⚠ CAUTION:

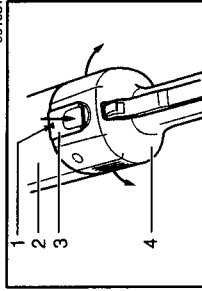
- Never actuate the shaft lock when the spindle is moving. The tool may be damaged.
- Press the shaft lock to prevent spindle rotation when installing or removing accessories.

001027



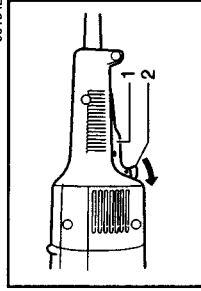
1. Shaft lock

001031



1. Δ mark
2. Motor housing
3. Lock button
4. Handle

001042



1. Switch trigger
2. Lock lever

Switch handle mounting positions

The switch handle can be rotated to either 90° left or right to fit your work needs. First, unplug the tool. Press the lock button and rotate the switch handle until the Δ mark on the lock button is aligned with that on the motor housing. The switch handle will be locked in that position.

Switch action

⚠ CAUTION:

- Before plugging in the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.

For tool with the lock-on switch

To start the tool, simply pull the switch trigger. Release the switch trigger to stop. For continuous operation, pull the switch trigger and then push in the lock lever. To stop the tool from the locked position, pull the switch trigger fully, then release it.

For tools with the lock-off switch

To prevent the switch trigger from accidentally pulled, a lock lever is provided. To start the tool, push in the lock lever and then pull the switch trigger. Release the switch trigger to stop.

SAVE THESE INSTRUCTIONS

ASSEMBLY

For tool with the lock on and lock-off switch

To prevent the switch trigger from accidentally pulled, a lock lever is provided. To start the tool, push in the lock lever and then pull the switch trigger. Release the switch trigger to stop. For continuous operation, push in the lock lever, pull the switch trigger and then push the lock lever further in. To stop the tool from the locked position, pull the switch trigger fully, then release it.

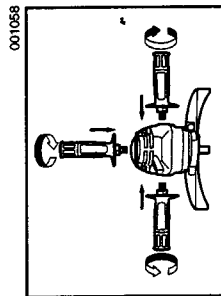
⚠ CAUTION:

- Always be sure that the tool is switched off and unplugged before carrying out any work on the tool.

Installing side grip (handle)

⚠ CAUTION:

- Always be sure that the side grip is installed securely before operation. Screw the side grip securely on the position of the tool as shown in the figure.

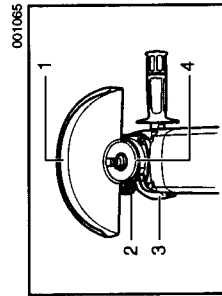


Installing or removing wheel guard

⚠ CAUTION:

- The wheel guard must be fitted on the tool so that the closed side of the guard always points toward the operator. Loosen the lever on the wheel guard. Mount the wheel guard with the protrusion on the wheel guard band aligned with the notch on the bearing box. Then rotate the wheel guard around 180 degrees clockwise. Tighten the lever to fasten the wheel guard. If the lever is too tight or too loose to fasten the wheel guard, loosen or tighten the screw to adjust the tightening of the wheel guard band.

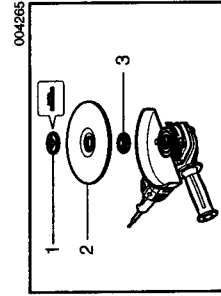
To remove wheel guard, follow the installation procedure in reverse.



- Wheel guard
- Screw
- Lever
- Notch

Installing or removing depressed center grinding wheel/Multi-disc (accessory)

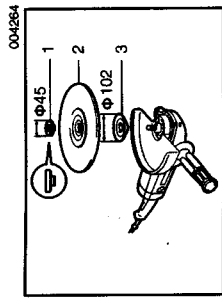
Mount the inner flange onto the spindle. Fit the wheel/disc on the inner flange and screw the lock nut onto the spindle.



- Lock nut
- Depressed center wheel
- Inner flange

For Australia and New Zealand

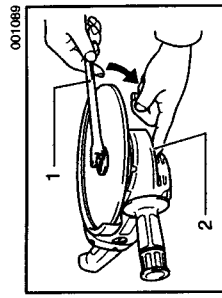
Mount the inner flange onto the spindle. Fit the wheel/disc on the inner flange and screw the lock nut with its protrusion facing downward (facing toward the wheel).



- Lock nut
- Depressed center wheel
- Inner flange

To tighten the lock nut, press the shaft lock firmly so that the spindle cannot revolve, then use the lock nut wrench and securely tighten clockwise.

To remove the wheel, follow the installation procedure in reverse.



- Lock nut wrench
- Shaft lock

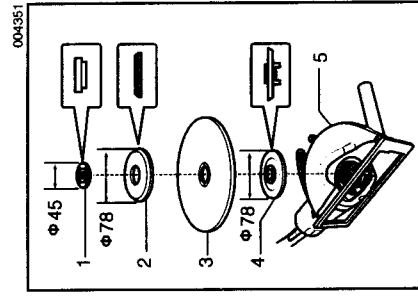
Installing or removing cut-off wheel

For Australia and New Zealand

Mount the inner flange onto the spindle. Fit the cut-off wheel on over the inner flange. Mount the outer flange on the wheel and screw the lock nut with its protrusion facing downward (facing toward the wheel).

To tighten the lock nut, press the shaft lock firmly so that the spindle cannot revolve, then use the lock nut wrench and securely tighten clockwise.

To remove the wheel, follow the installation procedure in reverse.



- Lock nut
- Outer flange 78
- Cut-off wheel
- Inner flange 78
- Dust collecting wheel guard

OPERATION

⚠ WARNING:

- It should never be necessary to force the tool. The weight of the tool applies adequate pressure. Forcing and excessive pressure could cause dangerous wheel breakage.
- ALWAYS replace wheel if tool is dropped while grinding.
- NEVER bang or hit grinding disc or wheel onto work.
- Avoid bouncing and snagging the wheel, especially when working corners, sharp edges etc. This can cause loss of control and kickback.
- NEVER use tool with wood cutting blades and other sawblades. Such blades when used on a grinder frequently kick and cause loss of control leading to personal injury.

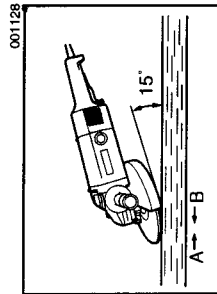
⚠ CAUTION:

- After operation, always switch off the tool and wait until the wheel has come to a complete stop before putting the tool down.

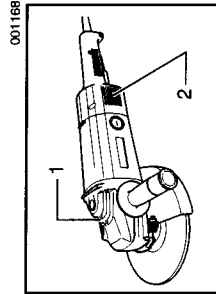
Grinding and sanding operation

ALWAYS hold the tool firmly with one hand on rear handle and the other on the side handle. Turn the tool on and then apply the wheel or disc to the workpiece.

In general, keep the edge of the wheel or disc at an angle of about 15 degrees to the workpiece surface. During the break-in period with a new wheel, do not work the grinder in the B direction or it will cut into the workpiece. Once the edge of the wheel has been rounded off by use, the wheel may be worked in both A and B direction.



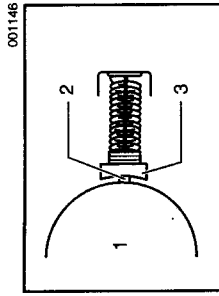
MAINTENANCE



1. Exhaust vent
2. Inhalation vent

Replacing carbon brushes

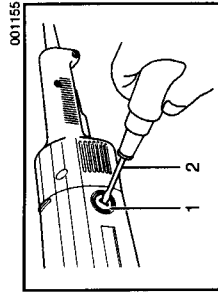
When the resin insulating tip inside the carbon brush is exposed to contact the commutator, it will automatically shut off the motor. When this occurs, both carbon brushes should be replaced. Keep the carbon brushes clean and free to slip in the holders. Both carbon brushes should be replaced at the same time. Use only identical carbon brushes.



1. Commutator
2. Insulating tip
3. Carbon brush

Use a screwdriver to remove the brush holder caps. Take out the worn carbon brushes, insert the new ones and secure the brush holder caps.

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Makita Authorized Service Centers, always using Makita replacement parts.



1. Brush holder cap
2. Screwdriver

ACCESSORIES

⚠ CAUTION:

- These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.

If you need any assistance for more details regarding these accessories, ask your local Makita service center.

- Wheel guard (Wheel cover)
- Inner flange
- Depressed center wheels
- Lock nut (For depressed center wheel)
- Rubber pad
- Abrasive discs
- Lock nut (For abrasive disc)
- Lock nut wrench
- Inner flange (For cut-off wheel)
- Outer flange (For cut-off wheel)
- Wire cup brush
- Side Grip
- Loop handle
- Dust collecting wheel guard