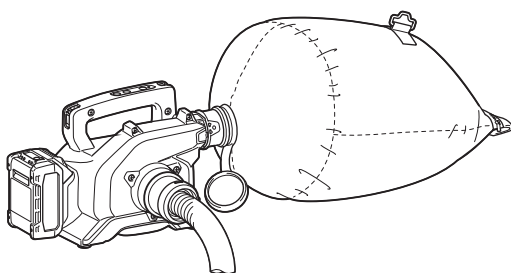


INSTRUCTION MANUAL



Cordless Vacuum Cleaner VC015G



  Read before use.

WARNING

- This machine is not intended for use by persons including children with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
- Children should be supervised to ensure that they do not play with the cleaner.
- See the chapter "SPECIFICATIONS" for the type reference of the battery.
- See the section "Important safety instructions for battery cartridge" for prohibited matters or important matters of the battery cartridge.
- See the section "Installing or removing battery cartridge" for how to remove or install the battery.
- When disposing the battery cartridge, remove it from the tool and dispose of it in a safe place. Follow your local regulations relating to disposal of battery.
- If the tool is not used for a long period of time, the battery must be removed from the tool.
- Do not short the battery cartridge.
- See the chapter "MAINTENANCE" for the appropriate details of precautions during user maintenance.

SPECIFICATIONS

Model:	VC015G
Maximum air volume (with BL4025)	4.0 m ³ /min
Maximum vacuum (with BL4025)	10.5 kPa
Nominal overpressure (when using as a blower)	11.5 kPa
Dimensions (L x W x H)	228 mm x 175 mm x 196 mm
Rated voltage	D.C. 36 V - 40 V max
Net weight	2.3 - 3.5 kg
Capacity	18 L

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.
- Specifications may differ from country to country.
- The weight does not include accessories but battery cartridge(s). The lightest and heaviest combinations weight of the appliance and battery cartridge(s) are shown in the table.

Applicable battery cartridge and charger

Battery cartridge	BL4020* / BL4025* / BL4040* / BL4040F* / BL4050F / BL4080F / BL4080H * : Recommended battery
Charger	DC40RA / DC40RB / DC40RC / DC40WA / BCC01 / BCC02

- Some of the battery cartridges and chargers listed above may not be available depending on your region of residence.

⚠ WARNING: Only use the battery cartridges and chargers listed above. Use of any other battery cartridges and chargers may cause injury and/or fire.

Symbols

The followings show the symbols which may be used for the equipment. Be sure that you understand their meaning before use.



Read instruction manual.



Take particular care and attention.



A representative battery applicable to this product.



Only for EU countries

Due to the presence of hazardous components in the equipment, waste electrical and electronic equipment, accumulators and batteries may have a negative impact on the environment and human health. Do not dispose of electrical and electronic appliances or batteries with household waste!

In accordance with the European Directive on waste electrical and electronic equipment and on accumulators and batteries and waste accumulators and batteries, as well as their adaptation to national law, waste electrical equipment, batteries and accumulators should be stored separately and delivered to a separate collection point for municipal waste, operating in accordance with the regulations on environmental protection.

This is indicated by the symbol of the crossed-out wheeled bin placed on the equipment.

NOTE: The declared vibration total value(s) has been measured in accordance with a standard test method and may be used for comparing one tool with another.

NOTE: The declared vibration total value(s) can also be used in a preliminary assessment of exposure.

⚠ WARNING: The vibration emission during actual use of the power tool can differ from the declared total value(s) depending on the ways in which the tool is used.

⚠ WARNING: Be sure to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

Intended use

The appliance is intended for collecting dry dust. The appliance is suitable for commercial use, for example in hotels, schools, hospitals, factories, shops, offices and rental businesses.

Noise

The typical A-weighted noise level determined according to EN60335-2-69:

Sound pressure level (L_{pA}) : 76 dB (A)

Uncertainty (K) : 2.5 dB (A)

The noise level under working may exceed 80 dB (A).

NOTE: The declared noise emission value(s) has been measured in accordance with a standard test method and may be used for comparing one tool with another.

NOTE: The declared noise emission value(s) can also be used in a preliminary assessment of exposure.

⚠ WARNING: Wear ear protection.

⚠ WARNING: The noise emission during actual use of the power tool can differ from the declared total value(s) depending on the ways in which the tool is used.

⚠ WARNING: Be sure to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

Vibration

The continuous vibration total value (tri-axial vector sum) determined according to EN60335-2-69:

Vibration emission ($a_{h,M}$) : 2.5 m/s² or less

Uncertainty (K) : 1.5 m/s²

Declarations of Conformity

For European countries only

The EU/UK Declaration of Conformity can be accessed from the following URL.



https://support.makita.biz/doc/doc_index.html

SAFETY WARNINGS

Cordless vacuum cleaner safety warnings

⚠ WARNING: IMPORTANT! READ CAREFULLY all safety warnings and all instructions BEFORE USE. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

1. Before use, make sure that this cleaner must be used by people who have been adequately instructed on the use of this cleaner.
2. Place the cleaner on a horizontal flat surface to prevent it from falling or moving unintentionally.
3. Stop the cleaner immediately if you notice poor performance or anything abnormal during operation.
4. **CHECK DAMAGED PARTS.** Before further use of the cleaner, 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. Don't use the cleaner if switch does not turn it on and off.
5. This cleaner is not suitable for picking up hazardous dust.
 6. This cleaner is for indoor use only.
 7. This cleaner shall be stored indoors only.
 8. Always make sure that the dust bag is correctly installed before use. Do not use the cleaner without the dust bag in place. Replace a damaged dust bag with a new one immediately.
 9. **AVOID UNINTENTIONAL STARTING.** Be sure switch is OFF when installing battery(ies).
 10. Do not attempt to pick up flammable materials, fireworks, lighted cigarettes, hot ashes, hot metal chips, and sharp materials such as razors, needles, broken glass or the like.
 11. **NEVER USE THE CLEANER IN THE VICINITY OF GASOLINE, GAS, PAINT, ADHESIVES OR OTHER HIGHLY EXPLOSIVE SUBSTANCES.** The switch emits sparks when turned ON and OFF. And so does the motor commutator during operation. A dangerous explosion may result.
 12. For Finland, this machine is not to be used outdoors at low temperature.
 13. Do not use close to heat sources (stoves, etc.).
 14. Do not block suction inlet/outlet/cooling vents. These vents permit cooling of the motor. Blockage should be carefully avoided otherwise the motor will burn out due to a lack of ventilation.
 15. Keep proper footing and balance at all times.
 16. Do not fold, tug or step on the hose.
 17. **REMOVE THE BATTERY(IES).** When not in use, before servicing, and when changing accessories.
 18. Clean and service the cleaner immediately after each use to keep it in tiptop operating condition.
 19. **MAINTAIN THE CLEANER WITH CARE.** Keep the cleaner clean for better and safer performance. Follow instructions for changing accessories. Keep handles dry, clean, and free from oil and grease.
 20. **REPLACEMENT PARTS.** When servicing, use only identical replacement parts.
 21. Be kind to your cleaner. Rough handling can cause breakage of even the most sturdily built cleaner.
 22. Do not attempt to clean the exterior or interior with benzene, thinner or cleaning chemicals. Cracks and discoloration may be caused.
 23. Do not use cleaner in an enclosed space where flammable, explosive or toxic vapors are given off by oil-based paint, paint-thinner, gasoline, some mothproofing substances, etc., or in areas where flammable dust is present.
 24. Do not operate the cleaner or any tool while under the influence of drugs or alcohol.
 25. Use a dust mask in dusty work conditions.
 26. This machine is not intended for use by persons including children with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
 27. Children should be supervised to ensure that they do not play with the cleaner.
 28. Never handle battery(ies) and cleaner with wet hands.
 29. Do not vacuum foam or soapy liquid. Failure to do so may cause an electric shock and breakage of the cleaner.
 30. Do not vacuum large amount of powder (flour, fire extinguisher powder, etc.).
 31. Do not vacuum ropes, strings, or cords. They may become entangled in the cleaner fan, resulting in blocked air channels.
 32. Do not use the cleaner in dangerous atmospheres, such as in the presence of asbestos, arsenic, barium, beryllium, lead, pesticides, or other health-endangering materials.
 33. Do not use the cleaner when it is tipped over or placed on its side. Doing so may result in malfunction or personal injury.
 34. Do not expose the cleaner to rain or wet conditions. Water entering the cleaner will increase the risk of electric shock.
 35. Never splash water on the cleaner. Failure to follow the instruction may cause breakdown and electric shock.
 36. Do not carry the cleaner with your finger on the switch. Failure to do so invites accidents.
 37. When you perform the blower operation, use personal protective equipment. Always wear eye protection. Protective equipment, such as a dust mask, non-skid safety shoes, hard hat, or hearing protection, used under appropriate conditions, will reduce personal injuries.
 38. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
 39. Do not step onto or sit on the appliance. The cleaner may start unexpectedly and cause you to fall.

Battery tool use and care

1. **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
2. **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
3. **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
4. **Under abusive conditions, liquid may be ejected from the battery; avoid contact.** If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
5. **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries

may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.

6. **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
7. **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

SAVE THESE INSTRUCTIONS.

⚠WARNING: DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to safety rules for the subject product. MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

Important safety instructions for battery cartridge

1. Before using battery cartridge, read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery.
2. Do not disassemble or tamper with the battery cartridge. It may result in a fire, excessive heat, or explosion.
3. If operating time has become excessively shorter, stop operating immediately. It may result in a risk of overheating, possible burns and even an explosion.
4. If electrolyte gets into your eyes, rinse them out with clear water and seek medical attention right away. It may result in loss of your eyesight.
5. Do not short the battery cartridge:
 - (1) Do not touch the terminals with any conductive material.
 - (2) Avoid storing battery cartridge in a container with other metal objects such as nails, coins, etc.
 - (3) Do not expose battery cartridge to water or rain.

A battery short can cause a large current flow, overheating, possible burns and even a breakdown.
6. Do not store and use the tool and battery cartridge in locations where the temperature may reach or exceed 50 °C (122 °F).
7. Do not incinerate the battery cartridge even if it is severely damaged or is completely worn out. The battery cartridge can explode in a fire.
8. Do not nail, cut, crush, throw, drop the battery cartridge, or hit against a hard object to the battery cartridge. Such conduct may result in a fire, excessive heat, or explosion.
9. Do not use a damaged battery.
10. The contained lithium-ion batteries are subject to the Dangerous Goods Legislation requirements.

For commercial transports e.g. by third parties, forwarding agents, special requirement on packaging and labeling must be observed. For preparation of the item being shipped, consulting an expert for hazardous material is required. Please also observe possibly more detailed national regulations.

Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging.

11. **When disposing of the battery cartridge, remove it from the tool and dispose of it in a safe place. Follow your local regulations relating to disposal of battery.**
12. **Use the batteries only with the products specified by Makita.** Installing the batteries to non-compliant products may result in a fire, excessive heat, explosion, or leak of electrolyte.
13. **If the tool is not used for a long period of time, the battery must be removed from the tool.**
14. **During and after use, the battery cartridge may take on heat which can cause burns or low temperature burns. Pay attention to the handling of hot battery cartridges.**
15. **Do not touch the terminal of the tool immediately after use as it may get hot enough to cause burns.**
16. **Do not allow chips, dust, or soil stuck into the terminals, holes, and grooves of the battery cartridge.** It may cause heating, catching fire, burst and malfunction of the tool or battery cartridge, resulting in burns or personal injury.
17. **Unless the tool supports the use near high-voltage electrical power lines, do not use the battery cartridge near high-voltage electrical power lines.** It may result in a malfunction or breakdown of the tool or battery cartridge.
18. **Keep the battery away from children.**

SAVE THESE INSTRUCTIONS.

⚠CAUTION: Only use genuine Makita batteries. Use of non-genuine Makita batteries, or batteries that have been altered, may result in the battery bursting causing fires, personal injury and damage. It will also void the Makita warranty for the Makita tool and charger.

NOTICE: Makita is not responsible for any accidents resulting from the use of non-genuine Makita batteries or batteries that have been modified. Genuine Makita batteries have been rigorously evaluated for compatibility with Makita tools and chargers, in line with applicable legislation and safety standards.

Tips for maintaining maximum battery life

1. **Charge the battery cartridge before completely discharged. Always stop tool operation and charge the battery cartridge when you notice less tool power.**
2. **Never recharge a fully charged battery cartridge. Overcharging shortens the battery service life.**

3. Charge the battery cartridge with room temperature at 10 °C - 40 °C (50 °F - 104 °F). Let a hot battery cartridge cool down before charging it.
4. When not using the battery cartridge, remove it from the tool or the charger.
5. Charge the battery cartridge if you do not use it for a long period (more than six months).

Important safety instructions for wireless unit

1. Do not disassemble or tamper with the wireless unit.
2. Keep the wireless unit away from young children. If accidentally swallowed, seek medical attention immediately.
3. Use the wireless unit only with Makita tools.
4. Do not expose the wireless unit to rain or wet conditions.
5. Do not use the wireless unit in places where the temperature exceeds 50 °C (122 °F).
6. Do not operate the wireless unit in places where medical instruments, such as heart pace makers are nearby.
7. Do not operate the wireless unit in places where automated devices are nearby. If operated, automated devices may develop malfunction or error.
8. Do not operate the wireless unit in places under high temperature or places where static electricity or electrical noise could be generated.
9. The wireless unit can produce electromagnetic fields (EMF) but they are not harmful to the user.
10. The wireless unit is an accurate instrument. Be careful not to drop or strike the wireless unit.
11. Avoid touching the terminal of the wireless unit with bare hands or metallic materials.
12. Always remove the battery on the product when installing the wireless unit into it.
13. When opening the lid of the slot, avoid the place where dust and water may come into the slot. Always keep the inlet of the slot clean.
14. Always insert the wireless unit in the correct direction.
15. Do not press the wireless activation button on the wireless unit too hard and/or press the button with an object with a sharp edge.
16. Always close the lid of the slot when operating.
17. Do not remove the wireless unit from the slot while the power is being supplied to the tool. Doing so may cause a malfunction of the wireless unit.
18. Do not remove the sticker on the wireless unit.
19. Do not put any sticker on the wireless unit.
20. Do not leave the wireless unit in a place where static electricity or electrical noise could be generated.
21. Do not leave the wireless unit in a place subject to high heat, such as a car sitting in the

sun.

22. Do not leave the wireless unit in a dusty or powdery place or in a place corrosive gas could be generated.
23. Sudden change of the temperature may bedew the wireless unit. Do not use the wireless unit until the dew is completely dried.
24. When cleaning the wireless unit, gently wipe with a dry soft cloth. Do not use benzine, thinner, conductive grease or the like.
25. When storing the wireless unit, keep it in the supplied case or a static-free container.
26. Do not insert any devices other than Makita wireless unit into the slot on the tool.
27. Do not use the tool with the lid of the slot damaged. Water, dust, and dirt come into the slot may cause malfunction.
28. Do not pull and/or twist the lid of the slot more than necessary. Restore the lid if it comes off from the tool.
29. Replace the lid of the slot if it is lost or damaged.

SAVE THESE INSTRUCTIONS.

FUNCTIONAL DESCRIPTION

⚠WARNING: Always make sure that the cleaner is switched off and the battery cartridge is removed before adjusting or checking function on the cleaner.

Installing or removing battery cartridge

⚠CAUTION: Always switch off the appliance before installing or removing the battery cartridge.

⚠CAUTION: Hold the cleaner and the battery cartridge firmly when installing or removing battery cartridge. Failure to hold the cleaner and the battery cartridge firmly may cause them to slip off your hands and result in damage to the cleaner and battery cartridge and a personal injury.

⚠CAUTION: Always install the battery cartridge fully until the red indicator cannot be seen. If not, it may accidentally fall out of the appliance, causing injury to you or someone around you.

⚠CAUTION: Do not install the battery cartridge forcibly. If the cartridge does not slide in easily, it is not being inserted correctly.

To install the battery cartridge, align the tongue on the battery cartridge with the groove in the housing and slip it into place. Insert it all the way until it locks in place with a little click. If you can see the red indicator as shown in the figure, it is not locked completely.

To remove the battery cartridge, slide it out of the battery housing while pressing and holding the button in front of the cartridge.

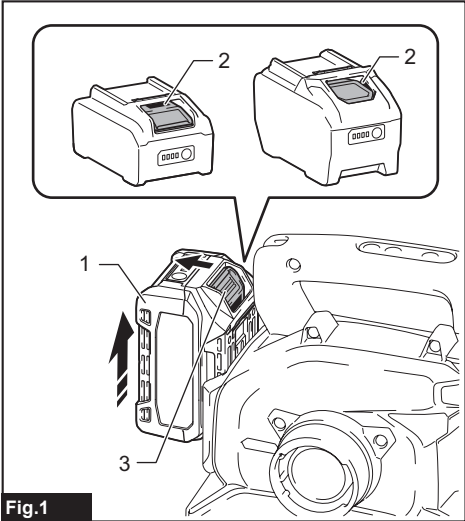


Fig.1

► 1. Battery cartridge 2. Red indicator 3. Button

Indicating the remaining battery capacity

Press the check button on the battery cartridge to indicate the remaining battery capacity. The indicator lamps light up for a few seconds.

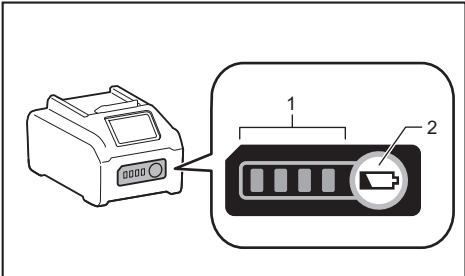


Fig.2

► 1. Indicator lamps 2. Check button

Indicator lamps			Remaining capacity
Lighted	Off	Blinking	
■ ■ ■ ■			75% to 100%
■ ■ ■ □			50% to 75%
■ ■ □ □			25% to 50%
■ □ □ □			0% to 25%

Indicator lamps			Remaining capacity
Lighted	Off	Blinking	
■ □ □ □	□ □ □ □		Charge the battery.
■ ■ □ □	□ □ □ □		The battery may have malfunctioned.
□ □ □ □	■ ■ ■ ■		

NOTE: Depending on the conditions of use and the ambient temperature, the indication may differ slightly from the actual capacity.

NOTE: The first (far left) indicator lamp will blink when the battery protection system works.

Appliance / battery protection system

The appliance is equipped with an appliance/battery protection system. This system automatically cuts off power to the motor to extend appliance and battery life. The appliance will automatically stop during operation if the appliance or battery is placed under one of the following conditions:

Overload protection

When the appliance/battery is operated in a manner that causes it to draw an abnormally high current, the appliance automatically stops without any indication. In this situation, turn the appliance off and stop the application that caused the appliance to become overloaded. Then turn the appliance on to restart.

Overheat protection

When the appliance/battery is overheated, the appliance stops automatically. The appliance's mode indicator lamp at the bottom turns on. The lamps in the upper and middle blink in green. In this situation, let the appliance cool down before you turn the appliance on again.

■ On	■ Blinking
■ ■ ■ ■	■ ■ ■ ■

NOTICE: When you operate the cleaner with the shoulder strap, be careful not to block the cooling air intake with your clothing. Blocking the cooling air intake may cause the appliance to stop automatically.

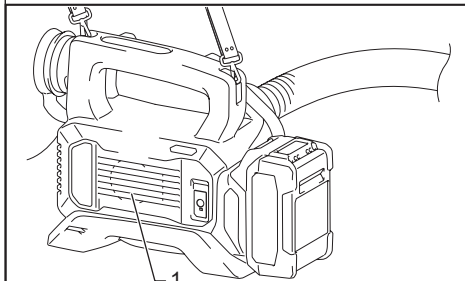


Fig.3

► 1. Cooling air intake

Overdischarge protection

When the battery capacity becomes low, the appliance stops automatically. If the appliance does not operate even when the switches are operated, remove the batteries from the appliance and charge the batteries.

Protections against other causes

Protection system is also designed for other causes that could damage the appliance and allows the appliance to stop automatically. Take all the following steps to clear the causes, when the appliance has been brought to a temporary halt or stop in operation.

1. Turn the appliance off, and then turn it on again to restart.
2. Charge the battery(ies) or replace it/them with recharged battery(ies).
3. Let the appliance and battery(ies) cool down.

If no improvement can be found by restoring protection system, then contact your local Makita Service Center.

Switch action

To start the cleaner, simply press button. To switch off, press button again. When the switch is on, the lamps for the selected mode turn on.

Changing the mode

Suction mode

When the lamps for the selected mode are lit, press button to change the suction mode. Each press of this button cycles through low, normal, and high modes.

Mode	Indication	
	Lighted	Off
1 (Low Speed)		
2 (Normal Speed)		
3 (High Speed)		

Auto mode

When the lamps for the selected mode are lit, press button to change the auto mode status. When the auto mode is enabled, the auto lamp lights up in green.

Mode	Indication	
	Lighted	Off
Auto		
Off		

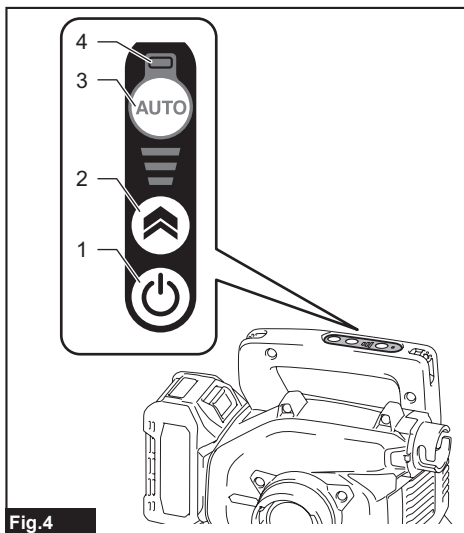


Fig.4

► 1. ON/OFF button 2. Suction power change button 3. Auto button 4. Auto lamp

NOTE: You can change the suction mode and auto mode before turning on the cleaner. In this case, press or button first. Then, while the mode lamps are lit, press or button you want to change again.

NOTE: The cleaner starts the operation with the same mode as the last operation.

When the previous operation was performed in high-speed mode, the cleaner does not retain this setting. The cleaner starts in normal speed mode.

WIRELESS ACTIVATION FUNCTION

Optional accessory

What you can do with the wireless activation function

The wireless activation function enables clean and comfortable operation. By connecting a supported tool to the cleaner, you can run the cleaner automatically along with the switch operation of the tool.

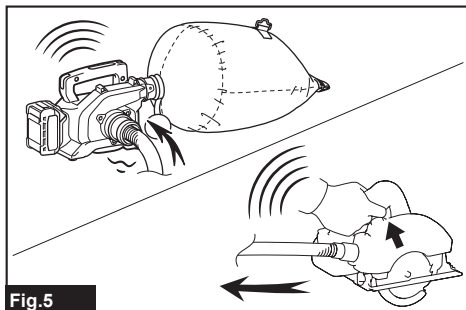


Fig.5

NOTICE: Be sure to refer to the instruction manual of the tool when using the cleaner with wireless activation function.

NOTICE: Do not disassemble or tamper with the wireless unit.

NOTICE: To prevent dust coming into the slot of the wireless unit, always close the lid securely during operation and storage.

NOTICE: Do not remove the wireless unit while the power is being supplied. Doing so may cause a malfunction of the wireless unit.

NOTICE: Do not press the wireless activation button too hard and/or press the button with an object with a sharp edge.

NOTE: Wireless activation needs Makita tools equipped with the wireless unit.

NOTE: Prior to the initial use of the wireless activation function with each tool, the tool registration is required. Once the registration is finished with the tool, the re-registration is not required unless it is cancelled.

NOTE: Before registration, be sure that the wireless unit is properly inserted.

NOTE: One wireless unit can register up to 10 links with other wireless units. If more than 10 other wireless units are registered to one wireless unit, the one registered earliest will be cancelled automatically.

NOTE: The position of the wireless activation button varies depending on the tool.

Installing the wireless unit

⚠ WARNING: Always be sure that the appliance is switched off and the battery cartridge is removed before installing or removing the wireless unit.

⚠ CAUTION: Place the cleaner on a flat and stable surface when installing the wireless unit.

NOTICE: Clean the dust and dirt on the cleaner before installing the wireless unit. Dust or dirt may cause malfunction if it comes into the slot of the wireless unit.

NOTICE: To prevent the malfunction caused by static, touch a static discharging material, such as a metallic part, before picking up the wireless unit.

NOTICE: When installing the wireless unit, always be sure that the wireless unit is inserted in the correct direction and the lid is completely closed.

1. Open the lid on the cleaner as shown in the figure.

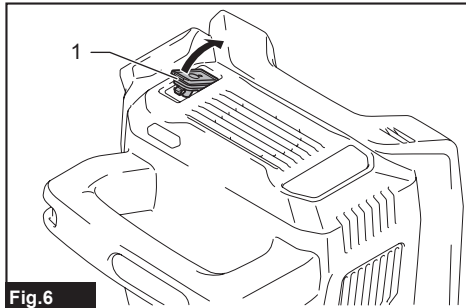


Fig.6

1. Lid

2. Insert the wireless unit to the slot and then close the lid.

When inserting the wireless unit, align the projections with the recessed portions on the slot.

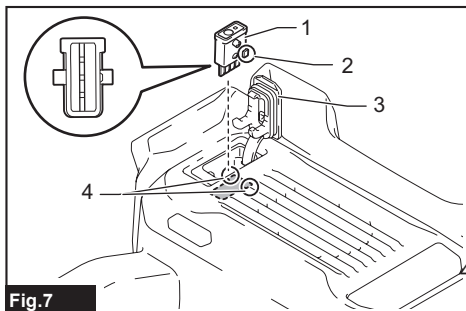


Fig.7

1. Wireless unit 2. Projection 3. Lid 4. Recessed portion

When removing the wireless unit, open the lid slowly. The hooks on the back of the lid will lift the wireless unit as you pull up the lid.

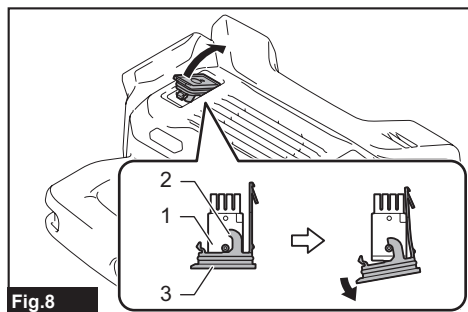


Fig.8

► 1. Wireless unit 2. Hook 3. Lid

After removing the wireless unit, keep it in the supplied case or a static-free container.

NOTICE: Always use the hooks on the back of the lid when removing the wireless unit. If the hooks do not catch the wireless unit, close the lid completely and open it slowly again.

Tool registration for the cleaner

NOTE: A Makita tool supporting the wireless activation function is required for the tool registration.

NOTE: Finish installing the wireless unit to the tool before starting the tool registration.

NOTE: During the tool registration, do not switch on the cleaner.

NOTE: Refer to the instruction manual of the tool, too.

If you wish to activate the cleaner along with the switch operation of the tool, finish the tool registration beforehand.

1. Install the wireless units to the cleaner and the tool, respectively.
2. Install the batteries to the cleaner and the tool.

3. Press the wireless activation button on the cleaner for 3 seconds until the wireless activation lamp blinks in green. And then press the wireless activation button on the tool in the same way.

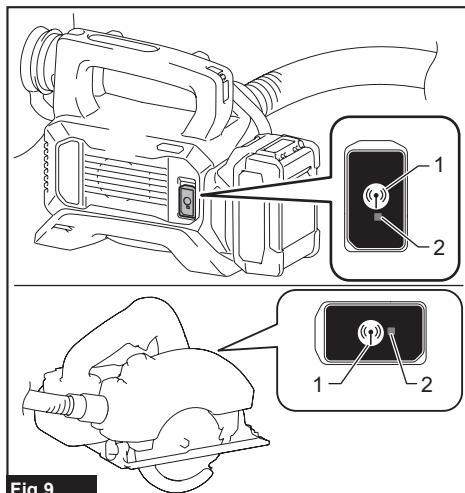


Fig.9

► 1. Wireless activation button 2. Wireless activation lamp

If the cleaner and the tool are linked successfully, the wireless activation lamps will light up in green for 2 seconds and start blinking in blue.

NOTE: The wireless activation button on the cleaner needs to be pressed within 1 minute after the battery is inserted.

NOTE: The wireless activation lamps finish blinking in green after 20 seconds elapsed. Press the wireless activation button on the tool while the wireless activation lamp on the cleaner is blinking. If the wireless activation lamp does not blink in green, press the wireless activation button briefly and hold it down again.

NOTE: When performing two or more tool registration for the cleaner, finish the tool registration one by one.

Starting the wireless activation function

CAUTION: Always check if the wireless activation function works before starting a work with the tool.

NOTE: Finish the tool registration for the cleaner for wireless activation.

NOTE: Always place the cleaner so that you can see the status of the wireless activation lamp.

NOTE: Refer to the instruction manual of the tool, too.

After registering a tool to the cleaner, the cleaner will automatically runs along with the switch operation of the tool.

1. Install the wireless units to the cleaner and the tool, respectively.

2. Install the batteries to the cleaner and the tool.
3. Connect the hose of the cleaner with the tool.

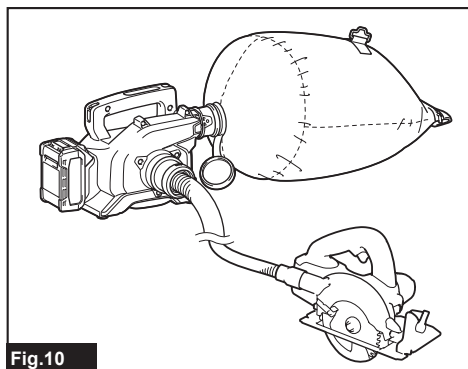


Fig.10

4. Press the ON/OFF button on the cleaner. If the vacuuming operation starts, press the auto button so that the auto lamp turns on.

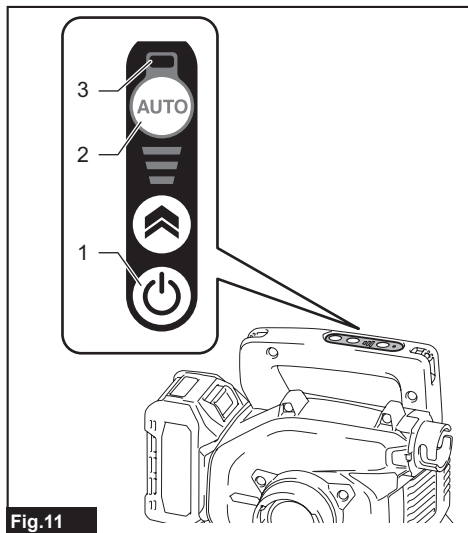


Fig.11

- 1. ON/OFF button 2. Auto button 3. Auto lamp

5. Check if the wireless activation lamp on the cleaner blinks in blue. Then, press the wireless activation button on the tool briefly. The wireless activation lamp on the tool will blink in blue.

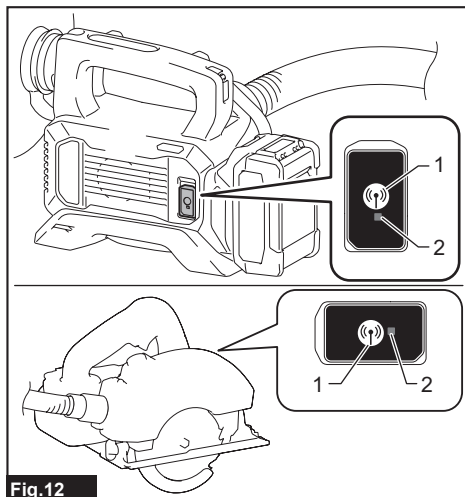


Fig.12

- 1. Wireless activation button 2. Wireless activation lamp

NOTE: If the wireless activation lamp blinks or turns on in a different way, see "Tool registration for the cleaner", and register the tool again. You can also check the wireless activation lamp status in "Description of the wireless activation lamp status".

6. Turn on the tool. Check if the cleaner runs while the tool is operating.

To stop the wireless activation, press the wireless activation button on the tool, or press the ON/OFF button on the cleaner.

NOTE: When there is no operation for 2 hours, the cleaner turns off. The wireless activation lamp on the tool will stop blinking in blue. In this case, turn on the cleaner first. Then press the wireless activation button on the tool again.

NOTE: The cleaner starts/stops with a delay. There is a time lag when the cleaner detects a switch operation of the tool.

NOTE: The transmission distance of the wireless unit may vary depending on the location and surrounding circumstances.

NOTE: When two or more tools are registered to one cleaner, the cleaner may start running even if you do not turn on the tool because other user is using the wireless activation function.

Cancelling tool registration for the cleaner

Perform the following procedure when cancelling the tool registration for the cleaner.

1. Install the wireless units to the cleaner and the tool, respectively.

2. Install the batteries to the cleaner and the tool.
3. Press the wireless activation button on the cleaner for 6 seconds. The wireless activation lamp blinks in green and then become red. After that, press the wireless activation button on the tool in the same way.

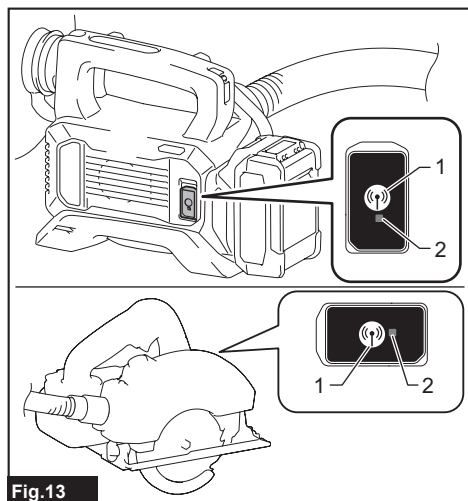


Fig.13

- 1. Wireless activation button 2. Wireless activation lamp

If the cancellation is performed successfully, the wireless activation lamps will light up in red for 2 seconds and start blinking in blue.

NOTE: The wireless activation lamps finish blinking in red after 20 seconds elapsed. Press the wireless activation button on the tool while the wireless activation lamp on the cleaner is blinking. If the wireless activation lamp does not blink in red, push the wireless activation button briefly and hold it down again.

Erasing all tool registrations

You can erase all tool registrations from the cleaner as follows.

1. Install the wireless unit to the cleaner.
2. Install the batteries to the cleaner.
3. Hold down the wireless activation button for about 6 seconds until the wireless activation lamp blinks in red (about twice per one second).
4. When the wireless activation lamp starts blinking in red, release your finger from the wireless activation button. Thereafter, hold down the wireless activation button again for about 6 seconds.
5. When the wireless activation lamp starts blinking fast (about 5 times per one second) in red, release your finger from the wireless activation button. When the wireless activation lamp lights up in red and later lights off, all tool registrations are erased.

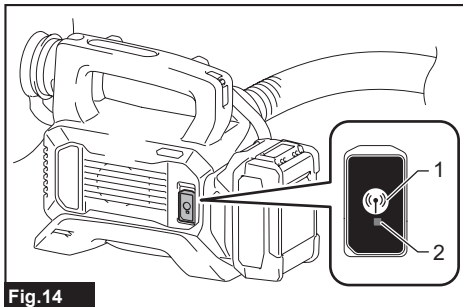


Fig.14

- 1. Wireless activation button 2. Wireless activation lamp

NOTE: If the wireless activation lamp does not blink in red, press the wireless activation button briefly and try again.

Description of the wireless activation lamp status

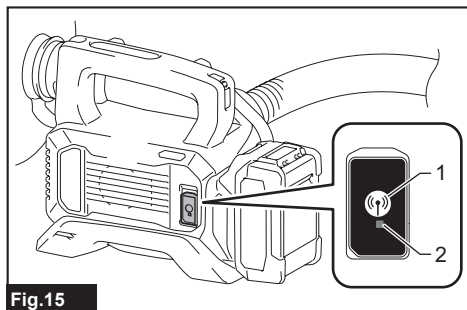


Fig.15

- **1.** Wireless activation button **2.** Wireless activation lamp

The wireless activation lamp shows the status of the wireless activation function. Refer to the below table for the meaning of the lamp status.

Status	Wireless activation lamp				Description
	Color	On	Blinking	Duration (approximate)	
Standby	Blue			Cleaner: continuing Tool: 2 hours	Waiting for the tool registration or the wireless activation function is available. The lamp on the tool blinks when the wireless activation button is pressed. The lamp on the tool will automatically turn off when no operation is performed for 2 hours.
				When the tool is running.	The wireless activation of the cleaner is available and the tool is running.
Tool registration	Green			20 seconds	Ready for the tool registration. Searching the tool to be registered.
				2 seconds	The tool registration has been finished. The wireless activation lamp will start blinking in blue.
Cancelling/erasing tool registration	Red		 (slow: 2 times/sec.)	20 seconds	Ready for the cancellation of the tool registration. Searching the tool to be cancelled.
			 (fast: 5 times/sec.)	When the wireless activation button is pressed down.	Ready to erase all tool registrations.
				2 seconds	The tool registration has been cancelled/erased. The wireless activation lamp will start blinking in blue.
Others	Red			3 seconds	The power is supplied to the wireless unit and the wireless activation function is starting up.
	Off	-		-	The battery is not inserted. / One minute has passed since the battery was inserted.

Troubleshooting for wireless activation function

Before asking for repairs, conduct your own inspection first. If you find a problem that is not explained in the manual, do not attempt to dismantle the tool. Instead, ask Makita Authorized Service Centers, always using Makita replacement parts for repairs.

State of abnormality	Probable cause (malfunction)	Remedy
The wireless activation lamp does not light/blink.	The wireless unit is not installed into the cleaner and/or the tool. The wireless unit is improperly installed into the cleaner and/or the tool.	Install the wireless unit correctly.
	The terminal of the wireless unit and/or the slot is dirty.	Gently wipe off dust and dirt on the terminal of the wireless unit and clean the slot of the cleaner and/or the tool.
	The wireless activation button on the tool has not been pressed.	Press the wireless activation button on the tool briefly.
	No power supply	Supply the power to the tool and the cleaner.
Cannot finish tool registration / tool cancellation.	The wireless unit is not installed into the cleaner and/or the tool. The wireless unit is improperly installed into the cleaner and/or the tool.	Install the wireless unit correctly.
	The terminal of the wireless unit and/or the slot is dirty.	Gently wipe off dust and dirt on the terminal of the wireless unit and clean the slot of the cleaner and/or the tool.
	No power supply	Supply the power to the tool and the cleaner.
	Incorrect operation	Press the wireless activation button briefly and perform the tool registration/cancellation procedures again.
	The tool and cleaner are away from each other (out of the transmission range).	Get the tool and the cleaner closer to each other. The maximum transmission distance is approximately 10 m however it may vary according to the circumstances.
	Before finishing the tool registration/cancellation; - the switch of the tool is turned on or; - the power button on the cleaner is turned on.	Press the wireless activation button briefly and perform the tool registration/cancellation procedures again.
	The tool registration procedures for the tool or the cleaner has not finished.	Perform the tool registration procedures for the tool and the cleaner at the same timing.
	Radio disturbance by other appliances which generate high-intensity radio waves.	Keep the tool and the cleaner away from the appliances such as Wi-Fi devices and microwave ovens.
The cleaner does not run along with the switch operation of the tool.	The wireless unit is not installed into the cleaner and/or the tool. The wireless unit is improperly installed into the cleaner and/or the tool.	Install the wireless unit correctly.
	The terminal of the wireless unit and/or the slot is dirty.	Gently wipe off dust and dirt on the terminal of the wireless unit and clean the slot of the cleaner and/or the tool.
	The wireless activation button on the tool has not been pressed.	Press the wireless activation button briefly and make sure that the wireless activation lamp is blinking in blue.
	The auto lamp on the cleaner does not turn on.	Press the ON/OFF button on the cleaner. If the vacuuming operation starts, press the auto button so that the auto lamp turns on.
	The wireless activation lamp on the cleaner does not blink in blue.	See "Tool registration for the cleaner", and register the tool again.
	More than 10 tools are registered to the cleaner.	Perform the tool registration again. If more than 10 tools are registered to the cleaner, the tool registered earliest will be cancelled automatically.
	The cleaner erased all tool registrations.	Perform the tool registration again.
	No power supply	Supply the power to the tool and the cleaner.
	The tool and cleaner are away from each other (out of the transmission range).	Get the tool and the cleaner closer to each other. The maximum transmission distance is approximately 10 m however it may vary according to the circumstances.
	Radio disturbance by other appliances which generate high-intensity radio waves.	Keep the tool and the cleaner away from the appliances such as Wi-Fi devices and microwave ovens.

State of abnormality	Probable cause (malfunction)	Remedy
The cleaner runs while the tool is not operating.	Other users are using the wireless activation of the cleaner with their tools.	Turn off the wireless activation button of the other tools or cancel the tool registration of the other tools.
Cannot erase all tool registrations in the cleaner.	Pressing the wireless button on the tool.	Press the wireless button on the cleaner for erasing all tool registrations.
	The wireless activation button is not held down correctly.	Hold down the wireless activation button for more than 6 seconds and then release it when the wireless activation lamp blinks in red. Hold down the wireless activation button for more than 6 seconds again until the wireless activation button rapidly blinks in red and then release the button.

ASSEMBLY

⚠WARNING: Always make sure that the cleaner is switched off and the battery cartridge is removed before carrying out any work on the cleaner. Failure to do so may cause an electric shock and serious injury.

Installing and removing the dust bag

⚠CAUTION: Always make sure that there is no breakage of the dust bag.

⚠CAUTION: Install the dust bag to the cleaner securely and close the fastener completely before use. Failure to do so may cause dust to blow out and result in serious personal injury.

Installing

Align the two pins in the dust bag joint with the slots in the air outlet. Push in the dust bag joint and turn it clockwise firmly.

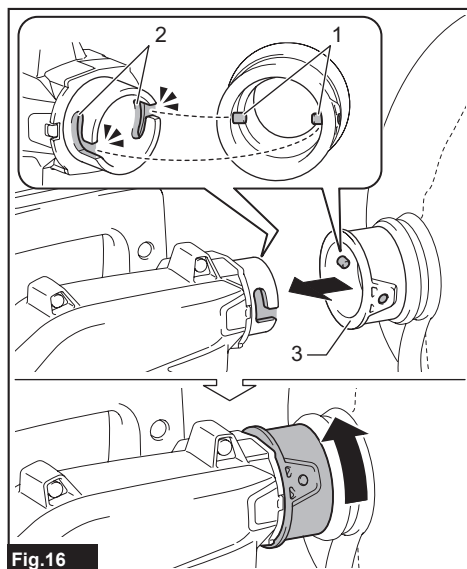


Fig.16

► 1. Pins 2. Slots 3. Dust bag joint

Removing

Turn the dust bag joint counterclockwise and pull it out. You can remove the dust bag from the cleaner.

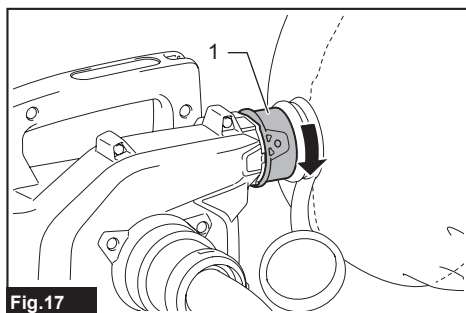


Fig.17

► 1. Dust bag joint

NOTE: Make sure that the hook on the dust bag faces upward as shown in the figure.

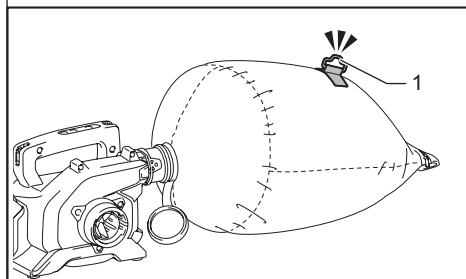


Fig.18

► 1. Hook

Installing the hose

NOTICE: Never force the hose for bending or stamp it. Never move the cleaner by pulling the hose. Forcing, stamping and pulling the hose may cause a breakage or deformation of the hose.

Insert the hose end to the dust intake (hose inlet) of the cleaner, then turn it clockwise until it locks in place.

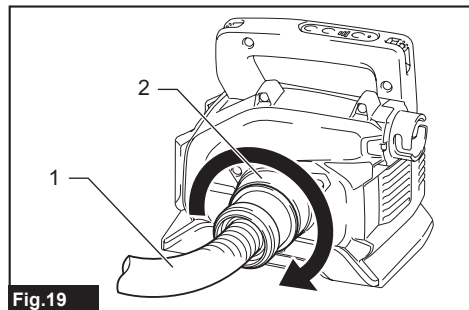


Fig.19

► 1. Hose 2. Dust intake (hose inlet)

Connecting the tool

To connect the tool, connect the end of the hose to the tool's extraction outlet. Depending on the tool, you may need the front cuff 22 or the combinations of the front cuff 22 and front cuff 24.

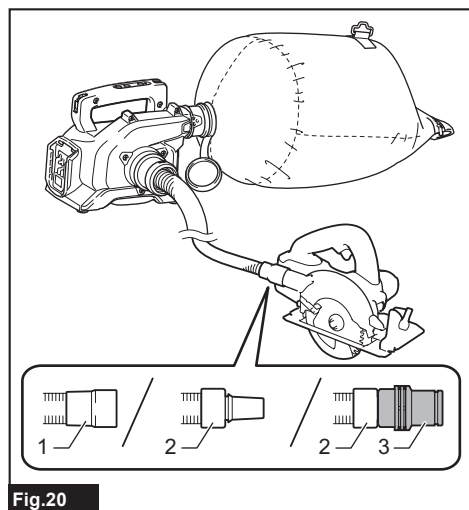


Fig.20

► 1. Front cuff 38 2. Front cuff 22 3. Front cuff 24

NOTE: To install the front cuff, turn it clockwise while screwing it in until it stops. To remove the front cuff, hold the hose and turn the front cuff counterclockwise.

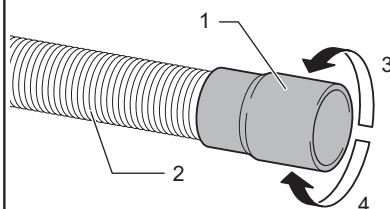


Fig.21

► 1. Front cuff 2. Hose 3. Remove 4. Install

Installing the blower nozzle

To install the nozzle, align the two pins inside of the blower nozzle with the air outlet slots on the cleaner. Push in the nozzle and turn it clockwise firmly. To remove, turn the nozzle counterclockwise and pull it out.

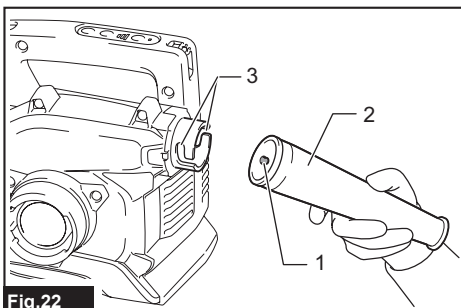


Fig.22

► 1. Pin 2. Blower nozzle 3. Slots

Installing the shoulder strap

CAUTION: Use only the shoulder strap described in this manual.

Attach the hooks of the shoulder strap to two locations on the cleaner and one location on the dust bag.

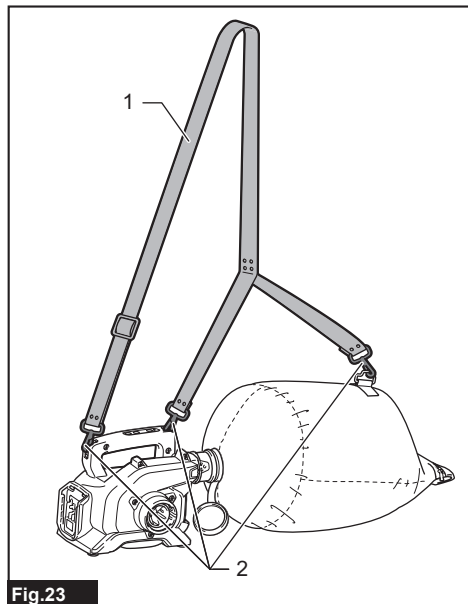


Fig.23

► 1. Shoulder strap 2. Hook

Adjusting the shoulder strap

You can adjust the length of the shoulder strap by moving it as shown in the figure.

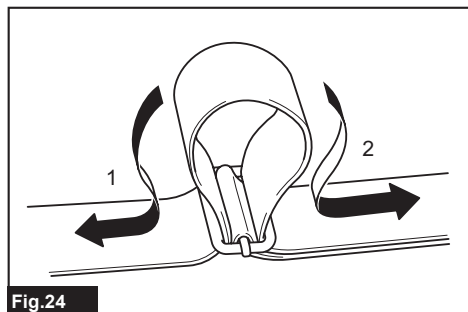


Fig.24

► 1. Making longer 2. Making shorter

Carriage

CAUTION: When you carry the appliance using the shoulder strap, be sure to attach it firmly to the appliance. Failure to do so may damage the appliance or cause it to fall onto someone and result in personal injury.

CAUTION: Lift and carry the appliance with due care. Failure to do so may result in personal injury or damage to the appliance.

Use the handle or shoulder strap when carrying the cleaner.

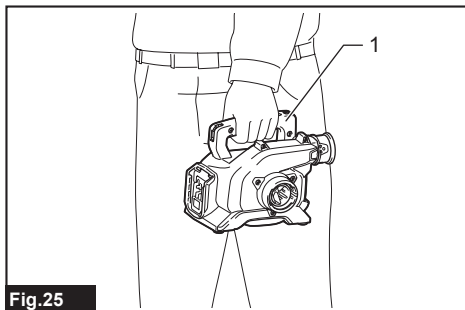


Fig.25

► 1. Handle

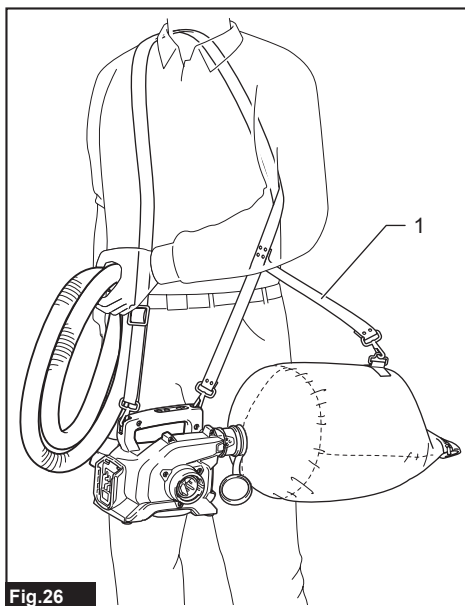


Fig.26

► 1. Shoulder strap

OPERATION

CAUTION: Make sure that all the accessories are installed securely before use. Failure to do so may cause them to come off, resulting in personal injury.

CAUTION: Do not use the cleaner in high locations.

NOTICE: Do not use the cleaner when the air inlet, the silencer and the hose are blocked by dust. Air channels may be blocked by dust and cause a malfunction.

Vacuumping operation

NOTICE: Pick up dust particles only. Do not pick up materials other than dust particles (wood chips, metals and stones, etc.). Failure to do so may result in a malfunction.

NOTICE: Do not use the cleaner when the dust bag is full. Failure to do so may block the air channels and cause a malfunction.

NOTICE: Do not continue operating the cleaner when the suction power becomes weak. The cleaner might overheat, causing a malfunction.

NOTE: You can use the cleaner without the silencer. Be aware that the noise becomes louder.

Place the cleaner on a horizontal flat surface to prevent it from falling or moving unintentionally.

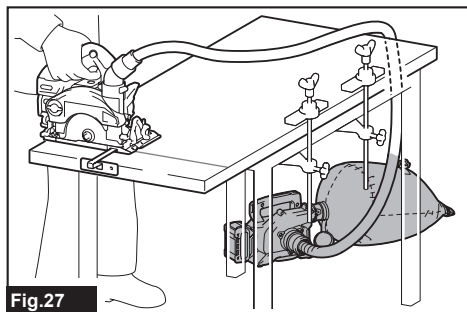


Fig.27

NOTE: Depending on the workpiece, cutting plasterboard may produce long strips of decorative paper. These strips can become clogged inside the hose and block suction. If this occurs, set the cutting depth of the power tool to a deeper setting.

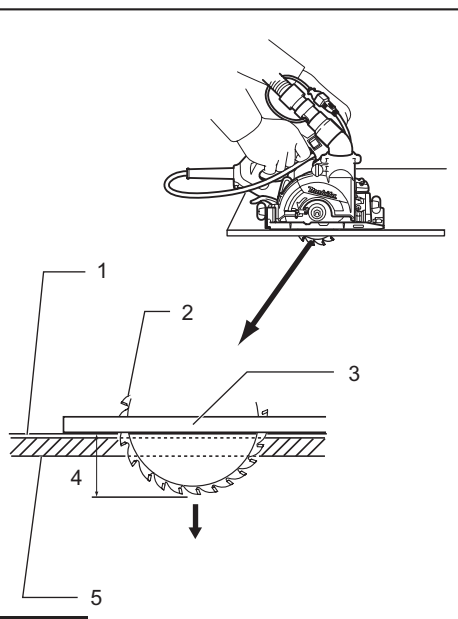


Fig.28

- 1. Decorative paper 2. Saw blade 3. Base
- 4. Cutting depth 5. Plasterboard

Blowing operation

⚠CAUTION: When performing the blower operation, be sure to remove the dust bag from the machine, and attach the blower nozzle.

⚠CAUTION: Be careful of dust blowing out from the air outlet. Using the blower after vacuuming may cause remaining dust inside the cleaner to blow out.

⚠CAUTION: Do not blow out muddy water. If foreign objects are blown into eyes, it may result in personal injury.

⚠CAUTION: Do not operate as a blower against the wind. The foreign objects that you blow may return toward you by the wind and get into your eyes.

⚠CAUTION: Always use protective goggles and a mask while operating.

⚠CAUTION: Never point the nozzle at anyone in the vicinity.

⚠CAUTION: Hold the appliance firmly before switching it on. It may produce a reaction force.

⚠CAUTION: Do not blow away sharp objects such as nails, glass pieces, or metal stones.

Hold the machine firmly with a hand and perform the blowing operation by moving it around slowly. When blowing around building, big stone or vehicle, direct the nozzle away from them. When performing an operation in a corner, start from the corner and then move to wide area.

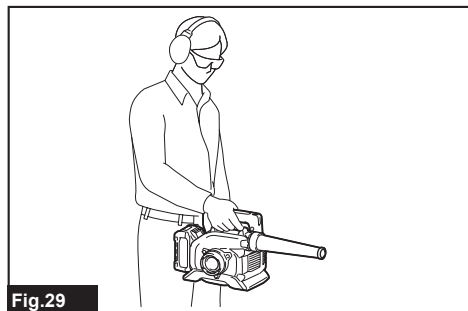


Fig.29

MAINTENANCE

⚠ WARNING: Maintain the appliance and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the appliance's operation. If damaged, have the appliance repaired before use. Many accidents are caused by poorly maintained appliances.

⚠ WARNING: Always make sure that the cleaner is switched off and the battery cartridge is removed before attempting to perform inspection or maintenance.

NOTICE: Never use gasoline, benzine, thinner, alcohol or the like. Discoloration, deformation or cracks may result.

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

Disposing of dust

⚠ CAUTION: Always use protective goggles and dust mask when you dispose dust.

⚠ CAUTION: Be sure to remove the dust bag carefully to prevent dust from scattering. Dust may get into your eyes and cause personal injury.

NOTICE: Be sure to dispose dust at least once a day, depending on the amount of dust collected. Failure to do so may weaken the suction force and cause a malfunction.

1. Turn the dust bag joint counterclockwise and remove the dust bag from the cleaner.

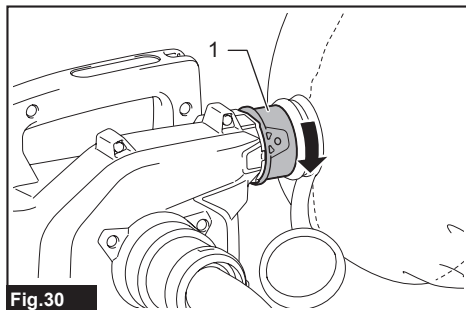


Fig.30

- ▶ 1. Dust bag joint

2. Secure the cap of the dust bag firmly.

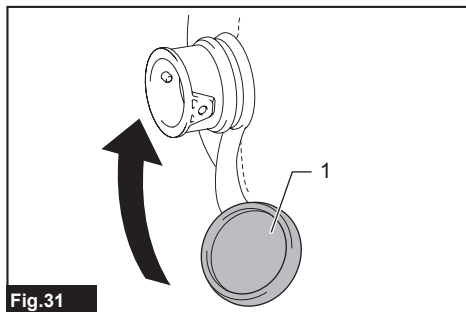


Fig.31

- ▶ 1. Cap

3. Unzip the fastener of the dust bag.

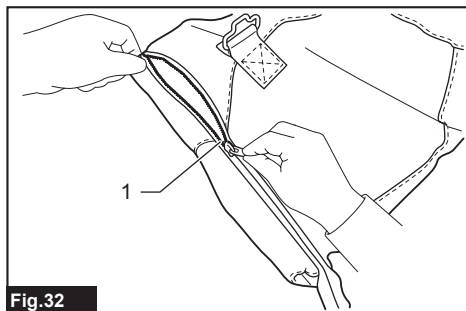


Fig.32

- ▶ 1. Fastener

4. Open the tapes.

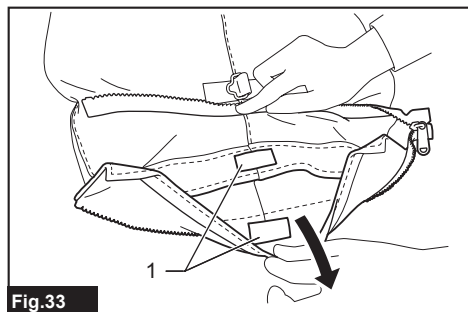


Fig.33

- 1. Tapes

5. Dispose dust from the dust bag as shown in the figure.

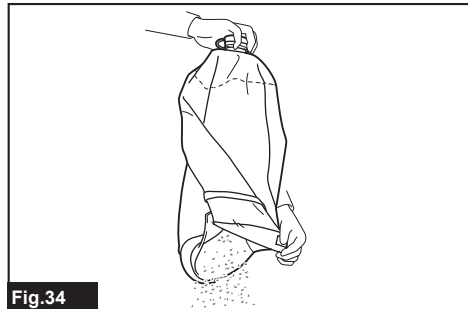


Fig.34

NOTE: After disposing dust from the dust bag, always be sure to close the tapes and the fastener of the dust bag. Also, be sure to securely install the dust bag to the cleaner before you start operating the cleaner.

Cleaning

Appliance body

Wipe the appliance body using a cloth that has been moistened with a small amount of diluted neutral detergent.

Air inlet

Check and clean up the air inlet regularly. Remove foreign objects which will obstruct suction.

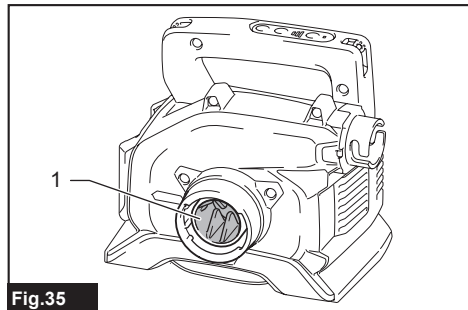


Fig.35

- 1. Air inlet

Silencer

1. To remove the silencer from the dust bag, turn the silencer in the direction of the arrow.

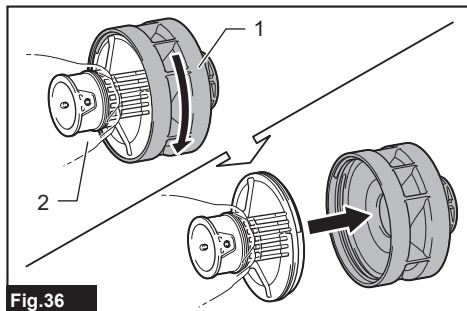


Fig.36

- 1. Silencer 2. Dust bag

2. Dispose dust inside as shown in the figure.

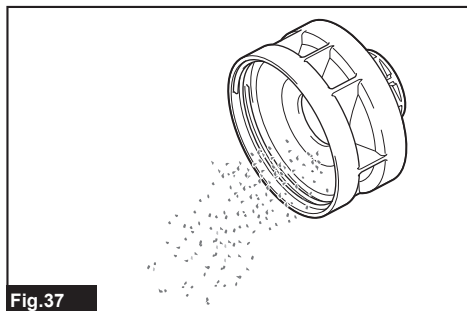


Fig.37

3. Disassemble the silencer by turning the lid in the direction of the arrow.

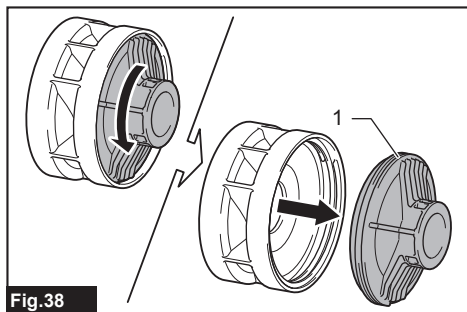


Fig.38

- 1. Lid

4. Dispose dust inside of the silencer.

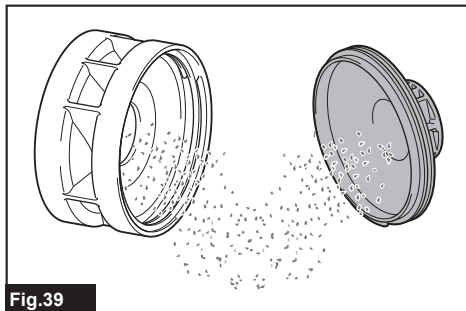


Fig.39

OPTIONAL 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. Only use an accessory or attachment for its stated purpose.

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

- Hose
- Front cuff
- Nozzle
- Shoulder strap
- Dust bag
- Wireless unit
- Makita genuine battery and charger

NOTE: Some items in the list may be included in the tool package as standard accessories. They may differ from country to country.

Makita Europe N.V.

Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Belgium

Makita Corporation

3-11-8, Sumiyoshi-cho, Anjo, Aichi 446-8502 Japan

www.makita.com



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