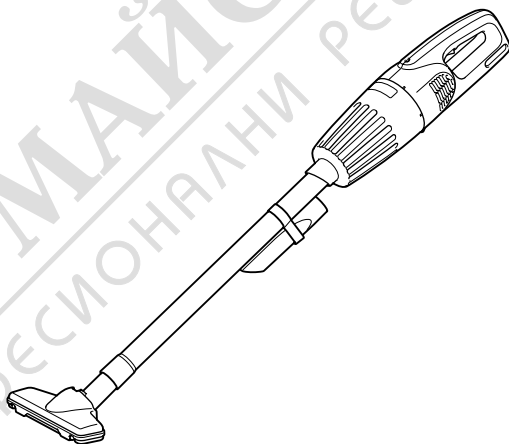


**INSTRUCTION MANUAL
MANUEL D'INSTRUCTION
MANUAL DE INSTRUCCIONES**



**Cordless Cleaner
Aspirateur sans Fil
Aspiradora Inalámbrica**

CL111D




IMPORTANT: Read Before Using.

IMPORTANT : Lire avant usage.

IMPORTANTE: Lea antes de usar.



SPECIFICATIONS

Model:	CL111D
Capacity	560 mL
Continuous use	Approx. 12 min 
Overall length	906 mm (35-3/4")
Rated voltage	D.C. 10.8 V - 12 V max
Net weight	0.94 kg (2.1 lbs)
Replacement battery cartridge (part number varies depending on country)	632C24-2

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.
- Specifications and battery cartridge may differ from country to country.
- Weight, with battery cartridge, according to EPTA-Procedure 01/2003

SAFETY WARNINGS

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE.

WARNING

To reduce the risk of fire, electric shock or injury:

1. Do not leave appliance when battery fitted. Remove battery from appliance when not in use and before servicing.
2. Do not use on wet surfaces. Do not expose to rain. Store indoors.
3. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
4. Use only as described in this manual. Use only manufacturer's recommended attachments.
5. Do not use with damaged battery. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
6. Do not handle appliance with wet hands.
7. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
8. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
9. Turn off all controls before removing the battery cartridge.
10. Use extra care when cleaning on stairs.
11. Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
12. Use only the charger supplied by the manufacturer to recharge.
13. Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
14. Do not use without dust bag and/or filters in place.
15. Do not charge the battery outdoors.

16. **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
 17. **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.
 18. **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.
 19. **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.
- Hard pieces with sharp edges, such as wood chips, metals, stones, glasses, nails, pins or razors
 - Powder to clot such as cement or toner
 - Conductive dust such as metal or carbon
 - Fine particle like concrete dust
- Such action may cause fire, injury and/or property damage.**
3. **Stop operation immediately if you notice anything abnormal.**
 4. **If you drop or strike the cleaner, check it carefully for cracks or damage before operation.**
 5. **Do not bring close to stoves or other heat sources.**
 6. **Do not block the intake hole or vent holes.**

SAVE THESE INSTRUCTIONS.

ADDITIONAL SAFETY RULES

This appliance is intended for household use.

1. **Read this instruction manual and the charger instruction manual carefully before use.**
2. **Do not pick up the following materials:**
 - Hot materials such as lit cigarettes or spark/metal dust generated by grinding/cutting metal
 - Flammable materials such as gasoline, thinner, benzene, kerosene or paint
 - Explosive materials like nitroglycerin
 - Ignitable materials such as Aluminum, zinc, magnesium, titanium, phosphorus or celluloid
 - Wet dirt, water, oil or the like

SAVE THESE INSTRUCTIONS.

Symbols

The followings show the symbols used for tool.

v	volts
≡	direct current

IMPORTANT SAFETY INSTRUCTIONS

FOR BUILT-IN BATTERY

1. **Before using built-in battery, read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery.**
2. **Do not disassemble built-in battery.**
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 built-in battery:
 1. Do not touch the terminals with any conductive material.
 2. Avoid storing built-in battery in a container with other metal objects such as nails, coins, etc.
 3. Do not expose built-in battery to water or rain.
A battery short can cause a large current flow, overheating, possible burns and even a breakdown.
6. Do not store the tool and built-in battery in locations where the temperature may reach or exceed 50°C (122°F).
7. Do not incinerate the built-in battery even if it is severely damaged or is completely worn out. The built-in battery can explode in a fire.
8. Be careful not to drop or strike battery.
9. Follow your local regulations relating to disposal of battery.

SAVE THESE INSTRUCTIONS.

Tips for maintaining maximum battery life

1. Charge the built-in battery before completely discharged. Always stop tool operation and charge the built-in battery when you notice less tool power.
2. Never recharge a fully charged built-in battery. Overcharging shortens the battery service life.
3. Charge the built-in battery with room temperature at 10°C - 40°C (50°F - 104°F). Let a hot built-in battery cool down before charging it.
4. Charge the battery cartridge once in every six months if you do not use it for a long period of time.

FUNCTIONAL DESCRIPTION

Charging the built-in battery

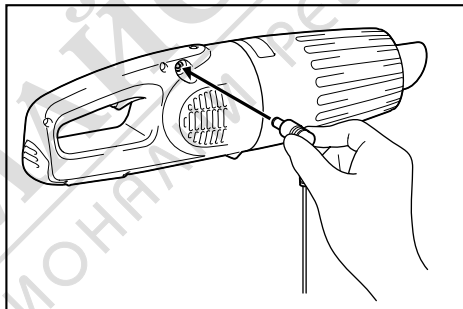
CAUTION: Do not operate the cleaner during charging. It may be damaged.

CAUTION: Always disconnect the charging plug from the cleaner after charging.

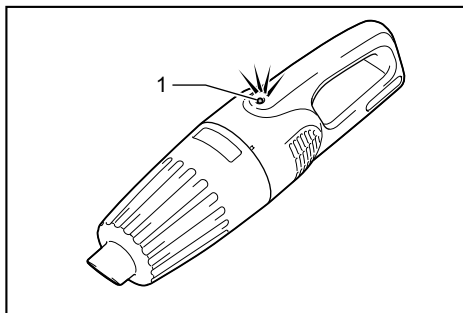
CAUTION: Do not leave the charger in the mains after disconnecting the appliance. Small children may put the live plug in their mouth and cause injury.

Use only the Makita charger DC1001 to charge this cleaner. Use of the other type chargers may cause the battery to burst, result in personal injury and damage.

Charge the cleaner when using it for the first time or uncharged for a long time. Connect the charging plug to the charging connector, then plug in the charger to the power receptacle.



The battery power lamp lights up and start charging. Charging takes approximately 3 hours. The light goes out after the charging is complete. For more details, refer to the instruction manual of battery charger.

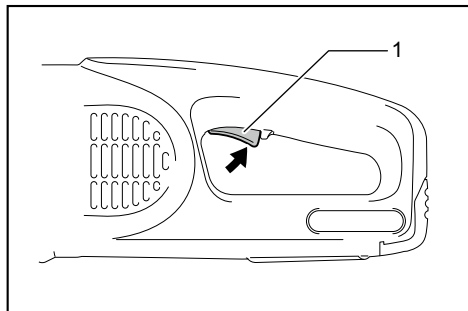


► 1. Battery power lamp

Switch action

CAUTION: Before using the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.

To start the tool, simply pull the switch trigger. Release the switch trigger to stop.



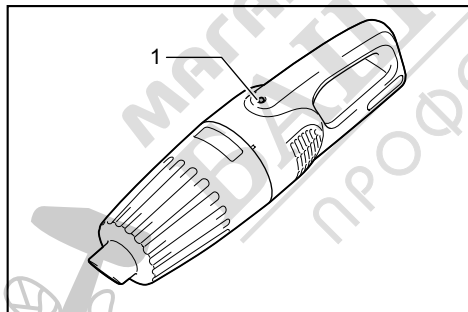
► 1. Switch trigger

Battery power lamp

When the remaining battery capacity gets low, the battery power lamp blinks.

When the remaining battery capacity gets much lower, the tool stops and the battery power lamp lights up about 10 seconds. At this time, charge the battery.

Also when the battery gets overloaded or overheated, the tool stops and the battery power lamp lights up about 10 seconds. The tool does not actuate during the lamp on.



► 1. Battery power lamp

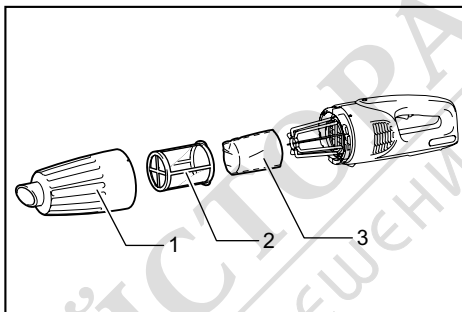
NOTE: The time at which the battery power lamp start blinking or lighting up depends on the temperature at work place and the battery conditions.

ASSEMBLY

CAUTION: Always be sure that the tool is switched off before carrying out any work on the tool.

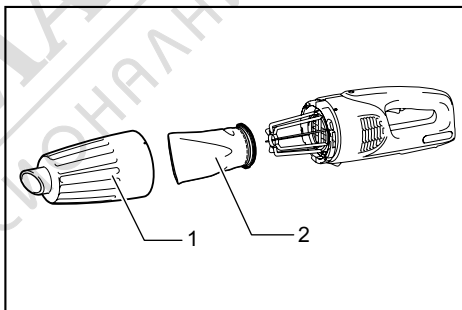
Type of filter

Normal filter



► 1. Capsule 2. Prefilter 3. Filter

High performance filter



► 1. Capsule 2. High performance filter

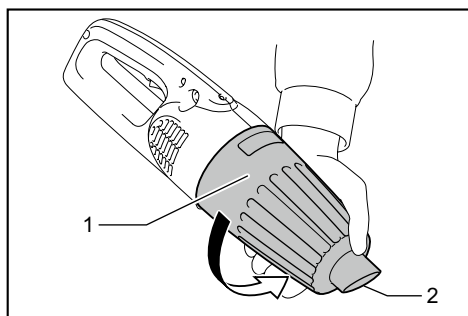
Disposing of dust

CAUTION: Empty the cleaner before it becomes too full, or the suction force weakens.

CAUTION: Be sure to empty out the dust inside the cleaner itself. Failure to do so may cause the filter to be clogged or the motor to be damaged.

Disposing of dust for normal filter

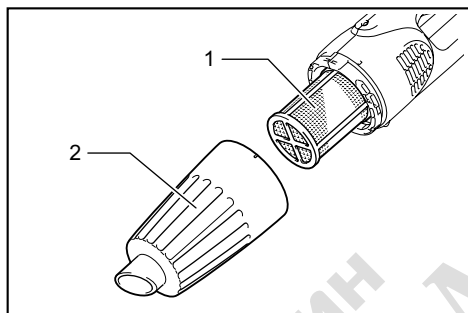
1. In order to drop dust sticking on the filter in the capsule, tap the capsule 4 or 5 times with your hand. Now point suction inlet downwards, turn capsule in direction of arrow in diagram, and disconnect capsule slowly and straight.



► 1. Capsule 2. Suction inlet

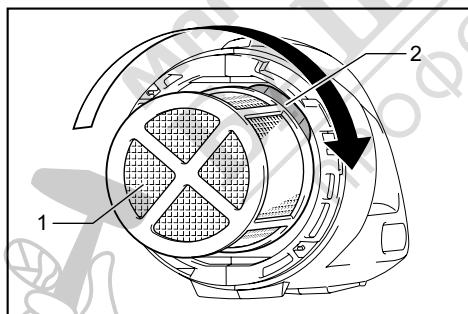
NOTE: Dust may spill out when capsule is opened, so be sure to set a garbage bag beneath capsule.

2. Remove accumulated dust from inside of capsule and off of prefilter.



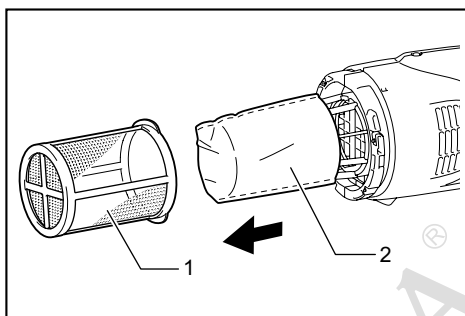
► 1. Prefilter 2. Capsule

3. Twist prefilter in direction of arrow to unfasten securing lip from cleaner unit and then pull off prefilter.



► 1. Prefilter 2. Securing lip

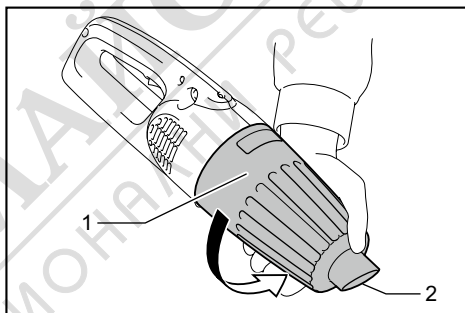
4. Clean out fine dust from prefilter. Next, remove filter, and lightly tap to dislodge dust.



► 1. Prefilter 2. Filter

Disposing of dust for high performance filter

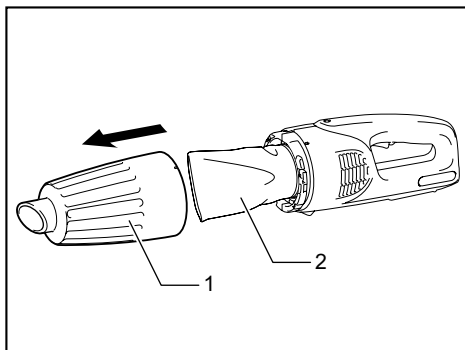
1. In order to drop dust sticking on the filter in the capsule, tap the capsule 4 or 5 times with your hand. Now point suction inlet downwards, turn capsule in direction of arrow in diagram, and disconnect capsule slowly and straight.



► 1. Capsule 2. Suction inlet

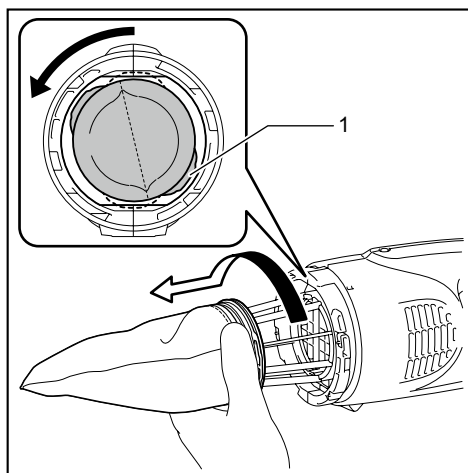
NOTE: Dust may spill out when capsule is opened, so be sure to set a garbage bag beneath capsule.

2. Remove accumulated dust from inside of capsule and off of high performance filter.



► 1. Capsule 2. High performance filter

3. Twist high performance filter in direction of arrow to unfasten securing lip from cleaner unit and then pull off the filter.



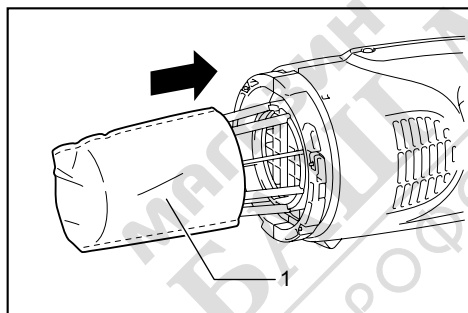
► 1. Securing lip

4. Clean out the fine dust and lightly tap to dislodge dust from high performance filter.

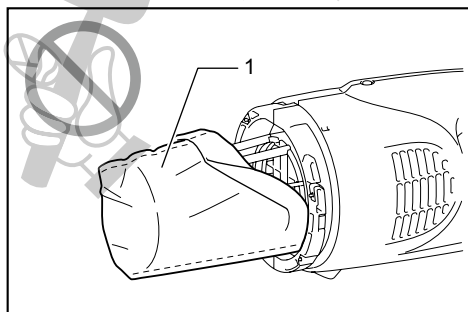
Reassembly

Reassembly for normal filter

1. Put on filter until it is fully in position on the cleaner unit.



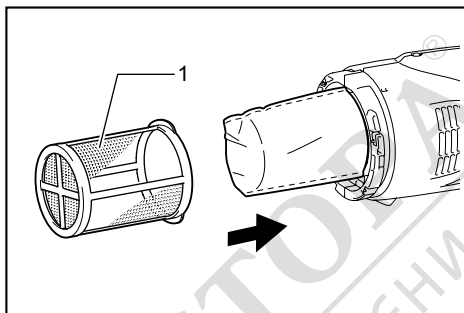
► 1. Filter



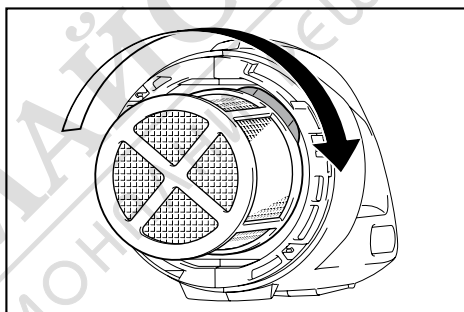
► 1. Filter

NOTE: Make sure filter is put on straight without being peeled back. If filter is put on incorrectly as shown in diagram, dust will get into motor housing, and cause motor failure.

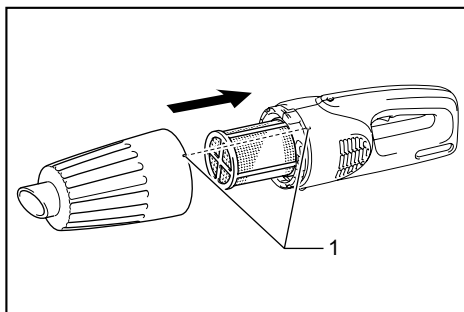
2. Connect prefilter. At this time, make sure to twist prefilter so that securing lip is firmly locked into cleaner unit.



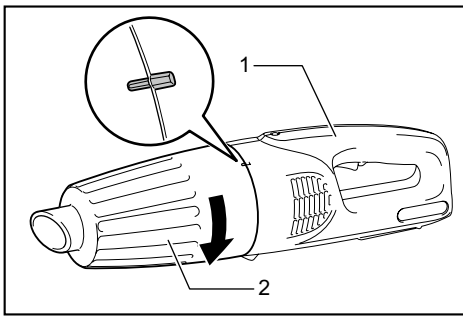
► 1. Prefilter



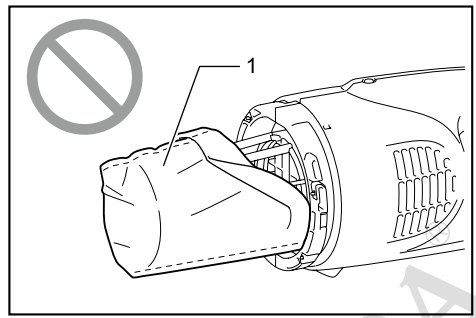
3. Connect capsule. Align O mark on capsule with O mark on handle and then firmly twist capsule in direction of arrow until it is secured.



► 1. O Mark



► 1. Handle 2. Capsule



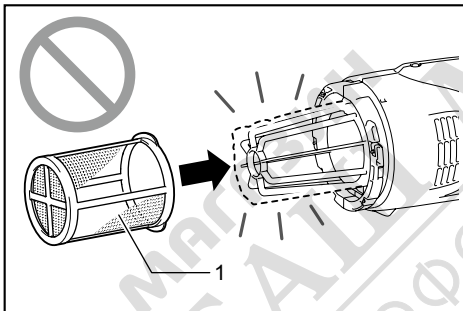
► 1. Filter

NOTE: Always remove dust ahead of time, as suction power will be reduced if there is too much dust in cleaner.

NOTE: Always be sure to check that both filter and prefilter are loaded correctly prior to using cleaner. If they are not loaded correctly, dust will get into the motor housing, and cause motor failure. If the following examples occur, filter and prefilter are not loaded correctly. Reload them correctly to rectify problem.

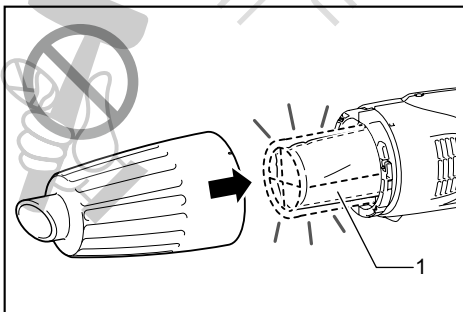
Problem Examples

Example 1: Only prefilter has been loaded (no filter)



► 1. Prefilter

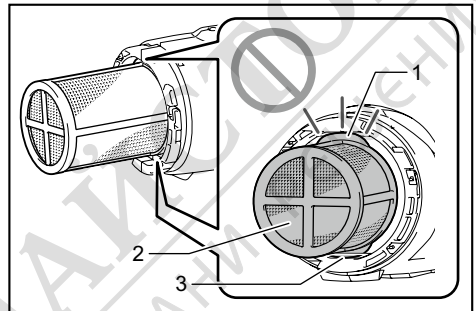
Example 2: Only filter has been loaded (no prefilter)



► 1. Filter

Example 3: Filter has been loaded in a peeled back state

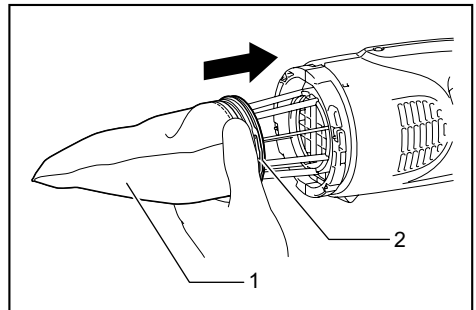
Example 4: Prefilter's securing lip is not firmly locked into groove of cleaner housing



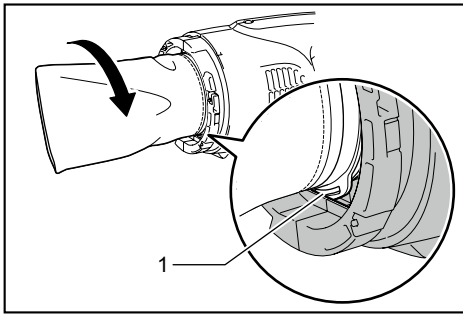
► 1. Groove of cleaner housing 2. Prefilter 3. Securing lip

Reassembly for high performance filter

1. Connect high performance filter. At this time, make sure to twist high performance filter so that securing lip is firmly locked into cleaner unit.

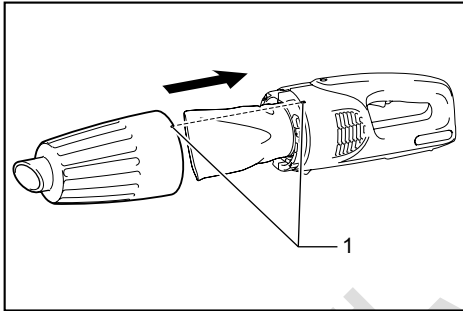


► 1. High performance filter 2. Securing lip

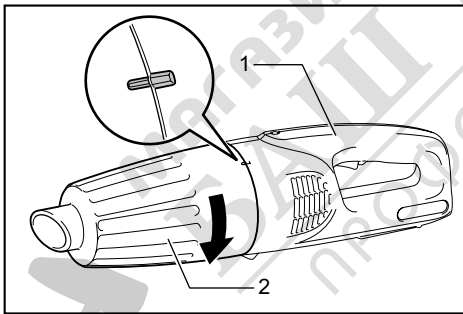


► 1. Securing lip

2. Connect capsule. Align O mark on capsule with O mark on handle and then firmly twist capsule in direction of arrow until it is secured.



► 1. O Mark



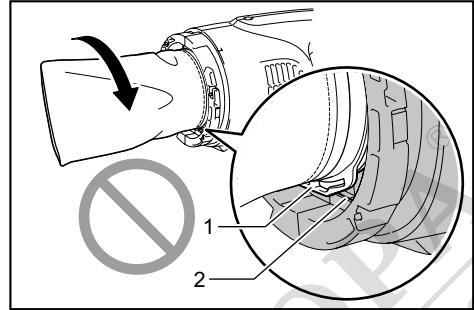
► 1. Handle 2. Capsule

NOTE: Always remove dust ahead of time, as suction power will be reduced if there is too much dust in cleaner.

NOTE: Always be sure to check that high performance filter is loaded correctly prior to using cleaner. If they are not loaded correctly, dust will get into the motor housing, and cause motor failure. If the following examples occur, high performance filter is not loaded correctly. Reload them correctly to rectify problem.

Problem Examples

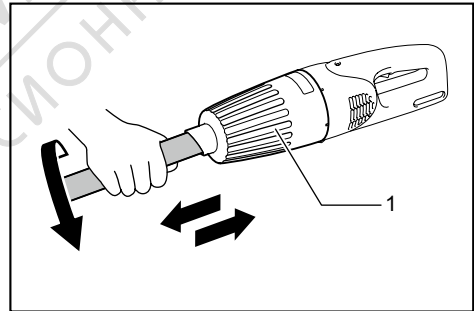
Securing lip of high performance filter is not firmly locked into groove of cleaner housing.



► 1. Securing lip 2. Groove of cleaner housing

OPERATION

CAUTION: To connect attachments, such as nozzle, twist and insert the attachment in direction of the arrow to secure the connection during use. To disconnect the attachments, twist and extract it also in direction of the arrow. If an attachment is twisted in the opposite direction when being connected or disconnected, the capsule may become loose.

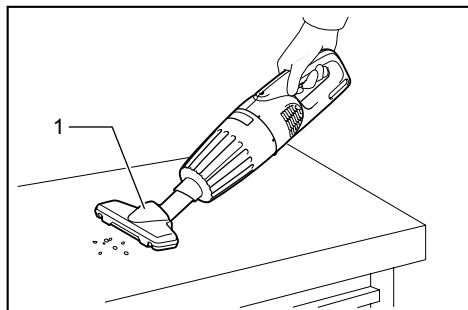


► 1. Capsule

Cleaning (Suction)

Nozzle

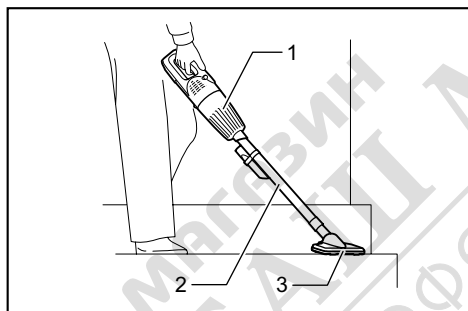
Attach the nozzle to clean off tables, desks, furniture, etc. The nozzle slips on easily.



► 1. Nozzle

Nozzle + Extension wand (Straight pipe)

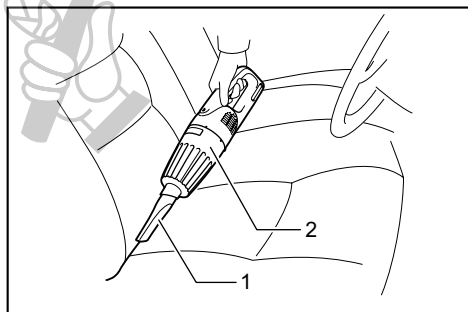
The extension wand fits in between the nozzle and the cleaner itself. This arrangement is convenient for cleaning a floor in a standing position.



► 1. Cleaner body 2. Extension wand 3. Nozzle

Corner nozzle

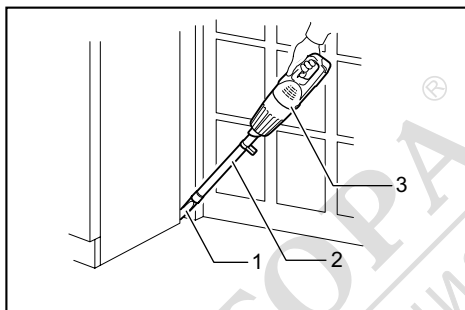
Fit on the corner nozzle for cleaning corners and crevices of a car or furniture.



► 1. Corner nozzle 2. Cleaner body

Corner nozzle + Extension wand (Straight pipe)

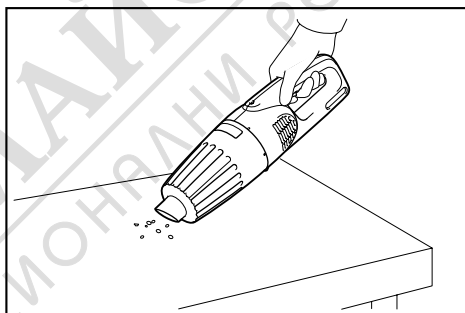
In tight quarters where the cleaner itself cannot squeeze in, or in high places hard to reach, use this arrangement.



► 1. Corner nozzle 2. Extension wand 3. Cleaner body

Cleaning without nozzle

You can pick up powder and dust without nozzle.



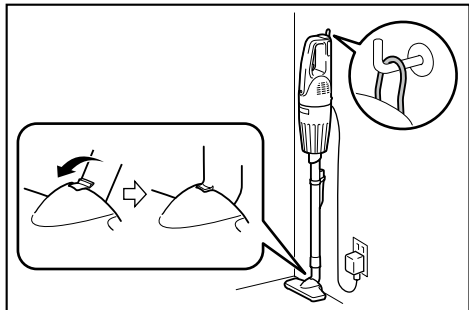
MAINTENANCE

CAUTION: Always be sure that the tool is switched off before attempting to perform inspection or maintenance.

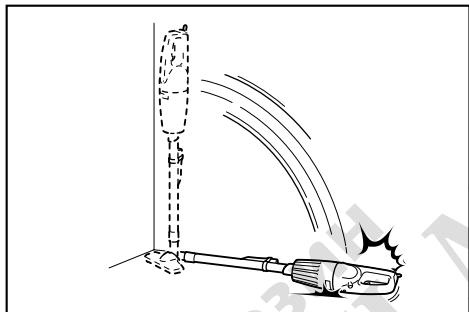
NOTICE: Never use gasoline, benzene, thinner, alcohol or the like. Discoloration, deformation or cracks may result.

After use

When storing or charging the cleaner, lock the nozzle head, and hang it from a hook available in the market.

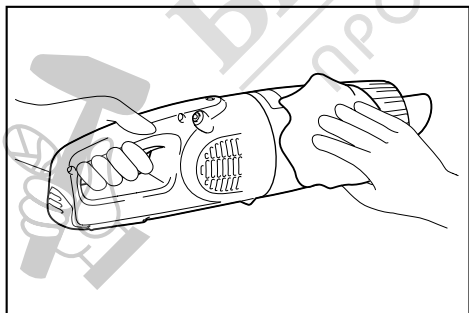


NOTICE: Putting the cleaner against the wall without any other support cause the cleaner to fall down and be damaged.

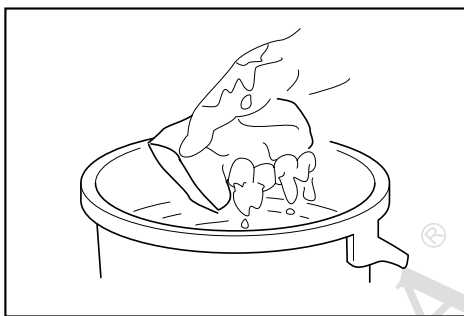


Cleaning

From time to time wipe off the outside (cleaner body) of the cleaner using a cloth dampened in soapy water. Clean out also the suction opening, dust bag/paper filter mounting area and the dust stopper.

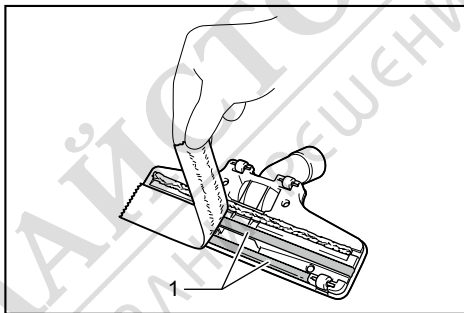


Wash the filter in soapy water when it is clogged with dust and the cleaner power becomes weak. Dry it out thoroughly before use. An insufficiently dried filter may cause poor suction and shorten the service life of the motor.



The nozzle cleaning

When the nozzle brush gets dusty, clean up the dust with sticky.



► 1. Brush

Disposing cleaner

A Li-ion battery is built in this cleaner. Always remove it before disposing of the cleaner.

Removing built-in battery

CAUTION: Do not touch the terminals with any conductive material.

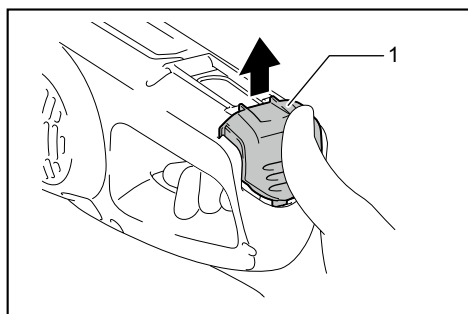
CAUTION: Avoid storing battery unit in a container with other metal objects such as nails, coins, etc.

CAUTION: Do not expose battery unit to water or rain.

CAUTION: Do not disassemble or alter battery unit.

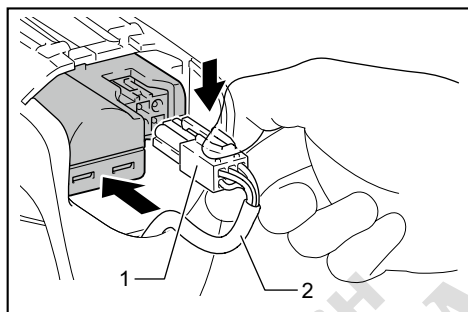
CAUTION: The cleaner must be disconnected from the supply mains when removing the battery.

1. To remove the rear cover, push it in the direction of the arrow.



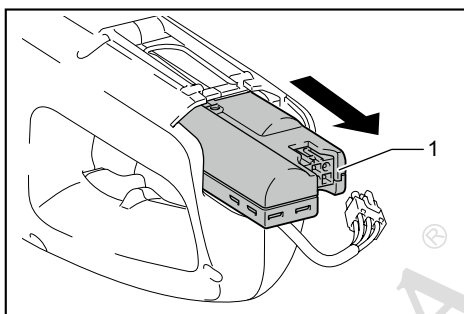
► 1. Rear cover

2. Slide the built-in battery halfway. Disconnect the lead wires from the battery by slightly moving back the battery while pressing the connector in the direction of arrow shown in the figure.



► 1. Connector 2. Lead wires

3. Then slide the battery unit completely.



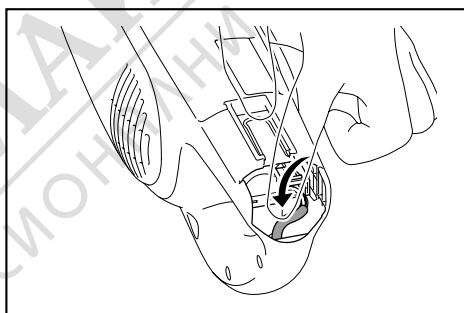
► 1. Battery unit

4. Put the removed battery unit in a carton box so that it is not circuit-shorted.

Installing replacement battery

To install the replacement battery, follow the removal procedure in reverse.

CAUTION: Route the lead so that it is completely stored inside the cleaner before putting the rear cover back in the original position. Failure to do this may damage the lead.



After installing the battery (see "SPECIFICATIONS"), charge the battery before use.

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

Troubleshooting

Before asking for repairs, check the following points.

Symptom	Area to be investigated	Fixing method
Weak suction power	Is the capsule full of dust?	Empty the capsule of dust.
	Is the filter clogged?	Clean or wash the filter.
	Is the battery cartridge exhausted ?	Charge the battery cartridge.
Not working	Is the battery cartridge exhausted ?	Charge the battery cartridge.

CAUTION: Do not attempt to repair the cleaner by yourself.

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 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.

- Extension wand (Straight pipe)
- Nozzle
- Nozzle for carpet
- Shelf brush
- Corner nozzle
- Round brush
- Flexible hose
- Filter
- Prefilter
- High performance filter
- Replacement battery
- Quick 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 LIMITED ONE YEAR WARRANTY

Warranty Policy

Every Makita tool is thoroughly inspected and tested before leaving the factory. It is warranted to be free of defects from workmanship and materials for the period of ONE YEAR from the date of original purchase. Should any trouble develop during this one year period, return the COMPLETE tool, freight prepaid, to one of Makita's Factory or Authorized Service Centers. If inspection shows the trouble is caused by defective workmanship or material, Makita will repair (or at our option, replace) without charge.

This Warranty does not apply where:

- repairs have been made or attempted by others;
- repairs are required because of normal wear and tear;
- the tool has been abused, misused or improperly maintained;
- alterations have been made to the tool.

IN NO EVENT SHALL MAKITA BE LIABLE FOR ANY INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES FROM THE SALE OR USE OF THE PRODUCT. THIS DISCLAIMER APPLIES BOTH DURING AND AFTER THE TERM OF THIS WARRANTY.

MAKITA DISCLAIMS LIABILITY FOR ANY IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF "MERCHANTABILITY" AND "FITNESS FOR A SPECIFIC PURPOSE," AFTER THE ONE YEAR TERM OF THIS WARRANTY.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.